Technical Memorandum

Project# 27852

To: Jamie Stasny, Regional Transportation and Land Use Policy Coordinator

From: Marc Butorac, PE, PTOE, PMP; Krista Purser, PE; Russ Doubleday; and Poppy Yang, Ph.D.

CC: Ana Jovanovic, Jamey Dempster, and Maulsri Jha – Jacobs

RE: Sunrise Corridor Community Visioning Tech Memo #4.3: Existing Transportation Conditions in the Study Area

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Introduction and Key Findings

This memorandum documents the existing transportation conditions within the Sunrise Corridor study area, including study intersections, functional classification, and roadway jurisdiction, as well as intersection and corridor operations, transit service, and a review of five years of crash data.

Version 2

The following key findings were identified within this analysis:

Existing Facilities

- OR 224 (north of OR 212) is classified as an expressway, OR 212 is classified as a principal arterial, SE Sunnyside Road and SE 172nd Avenue are classified as major arterial roadways, and SE Jennifer Street, SE Evelyn Street, SE 82nd Drive, SE 102nd Avenue, SE 135th Street, SE 142nd Street are classified as minor arterial roadways.
- Walking and biking facilities are missing in much of the study area. There are also two shared-use paths within the study area: the I-205 Multi-Use Path and Sunrise Corridor Trail.

Crash Analysis

- Rear-end crashes (115 total reported crashes) and turning movement crashes (79 total reported crashes) were the most common crash type at the 10 study intersections.
- Six fatal crashes occurred along OR 212 and OR 224 within the Sunrise Corridor between 2017 and 2021.
- Fifteen roadway segments in the study area fall under Oregon Department of Transportation's (ODOT's) Safety Priority Index System (SPIS) lists of areas with high crash frequency, crash rate, and/or crash severity). There are six segments in the 95-100 percentile, six segments in the 90-95 percentile, and three segments in the 85-90 percentile.

Existing Transit Services

- The Sunrise Corridor has two different transit service providers: TriMet operates four routes with two planned routes. Clackamas County funds two routes including the industrial area shuttle and the Clackamas Community College campus shuttle.
- Within the Sunrise Corridor and the Clackamas Industrial Area, TriMet's Forward Together plan is planned to result in a net service increase by 2029.
- The Clackamas Industrial Area shuttle is in operation daily, with morning-only weekend service. It links Clackamas Town Center Transit Center to various locations, facilitating connections to major employers and Clackamas Community College.

Existing Intersection Operations

- Both the SE 135th Avenue/OR 212 and SE 152nd Avenue/OR 212 intersections are over capacity during at least one peak hour period (weekday AM or weekday PM peak hour) based on collected data.
- The OR 213 southbound off-ramp/I-205 southbound on-ramp/OR 224 and OR 213 northbound access/I-205 southbound off-ramp/OR 224 intersections have a volume-to-capacity (v/c) ratio of 0.90 and 0.89, respectively, during the weekday AM peak hour. Neither intersection has queues that are projected to reach the mainline.
- 95th percentile peak-hour queueing exceeds storage lengths on at least one approach to each of the major highway intersections: OR 213 southbound off-ramp/I-205 southbound on-ramp/OR 224, OR 213 northbound access/I-205 southbound off-ramp/OR 224, SE 135th Avenue/OR 212, and OR 224/OR 212 (Rock Creek Junction).
- The major intersection analysis indicates mixed changes. Compared to the ten 2019 intersection operations analyses for the Sunrise Corridor Concept, three of the intersections are operating better now, three of the intersections are operating worse now, two of the intersections are functionally the same, and one intersection is operating better during the AM peak hour and worse during the PM peak hour. Differences are due to shifts in traffic volumes along the corridor.
- There are a limited number of pedestrian crossings at intersections along Highway 212.

Sunrise Corridor Travel Patterns

 Over half the eastbound traffic on OR 224 and OR 212 comes from I-205 north and south, and OR 224 west of I-205 (Milwaukie Expressway). About 30% of eastbound OR 212 traffic continues past SE 172nd Ave.

	Origin	Eastbound		Destination
50%	I-205 north and south, OR 224 west of I-205 (Milwaukie Expressway)		30%	OR 212 past SE 172nd Ave

 For westbound OR 212 east of SE 172nd Ave, 20% comes from US 26. Additional westbound traffic comes from SE 242nd Ave (13%), SE 282nd Ave (9%), and SE 222nd Dr (6%). Around 25-30% are going west on OR 224 or south to I-205 and around 30% remaining on OR 212.

	Destination	Westbound		Origin
25-30%	OR 224 or south to I-205		20%	US 26
30%	OR 212		13%	SE 242nd Ave
			9%	SE 282nd Ave
			6%	SE 222nd Dr

- Weekday westbound peak traffic on OR 224 and OR 212 is in the morning around 7AM while weekday eastbound peak traffic is in the afternoon from 3PM to 5PM; weekend peak traffic in both directions occurs midday from 10AM to 3PM.
- Traveling within the study area, the most common origins of travelers in the Clackamas Industrial Area are in the industrial area and Happy Valley residential. areas Damascus is the least common destination and origin point for the Clackamas Industrial Area. The Clackamas Industrial Area zone includes destinations along SE 82nd Drive, such as shopping and medical centers, which may draw different trip patterns than the industrial uses.
- Analysis of route-specific volume data shows heavy vehicles (above 26,000 pounds) constitute over 10% of westbound traffic at SE 172nd Avenue (including SE Thiessen Road), approximately 10% on eastbound traffic 106th Avenue (including 4-6% to/from Clackamas Industrial Area), and around 10% on both eastbound and westbound directions at OR 224 (Sunrise Expressway) related to the Clackamas Industrial Area.

Existing Facilities

Study Intersection Jurisdiction

Based on their significance to the network of the Sunrise Corridor and inclusion in the Sunrise Gateway Concept Plan, the project team identified 10 intersections for weekday AM and PM peak period analysis to understand traffic patterns, assess existing conditions, and understand impacts due to future growth or network changes. ODOT manages and operates nine of the 10 study intersections while Clackamas County manages the SE 122nd Avenue and SE Jennifer Street intersection. Figure 1 shows the location of the study intersections.

- 1. OR 213 southbound off-ramp/l-205 southbound on-ramp/OR 224
- 2. OR 213 northbound access/I-205 southbound off-ramp/OR 224
- 3. I-205 northbound on-ramp/OR 224
- 4. SE 122nd Avenue/OR 224/OR 212
- 5. SE 135th Avenue/OR 212
- 6. SE 142nd Avenue/OR 212

- 7. SE 152nd Avenue/OR 212
- 8. OR 224/OR 212 (Rock Creek Junction)
- 9. SE 172nd Avenue/OR 212
- 10. SE 122nd Avenue/SE Jennifer Street

Roadway Jurisdiction

Various jurisdictions manage the roadway network within the study area, as shown in Figure 2 below. ODOT operates I-205, OR 212, OR 213, and OR 224, while Clackamas County operates most of the streets within the Clackamas Industrial Area and north of the Sunrise Corridor. SE Sunnyside Road, a parallel east-west facility, is operated by either Clackamas County or Happy Valley, depending on the specific location along the roadway. To the east of the I-205 and OR 213 intersection, most of the study intersection minor streets are operated by Clackamas County, except for SE 135th Avenue and SE 172nd Avenue, which are operated by Happy Valley on the north leg of the intersection.

Functional Classification

The western end of the Sunrise Corridor study area is bounded by I-205. OR 212, OR 224, Sunrise Expressway between I-205 and SE 122nd Avenue, and OR 212 from SE 122nd Avenue east are classified as major arterials. Other streets that connect to study intersections are arterial streets, including SE 135th Avenue, SE 142nd Avenue, SE 172nd Avenue, and SE Jennifer Street. Figure 3 shows the functional classification of the streets within the study area.

For the ODOT facilities, I-205 is classified as an Interstate Highway, OR 212 and OR 224 are classified as Statewide Highways, and OR 213 is classified as a District Highway.

Figure 1. Study Intersections

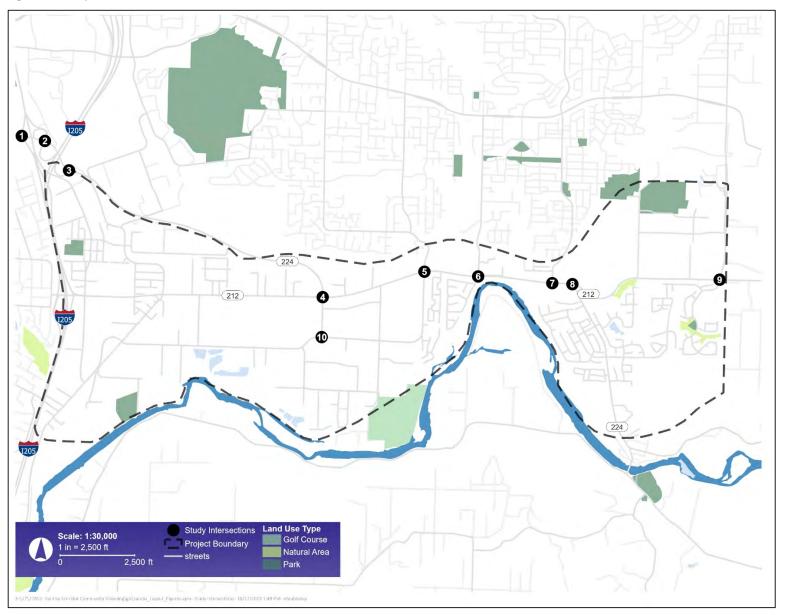


Figure 2. Roadway Jurisdiction

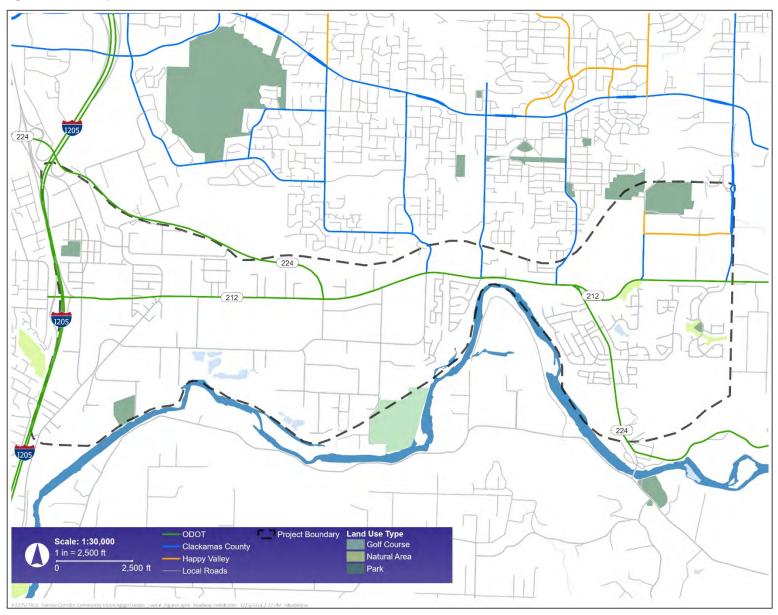


Figure 3. Functional Classification

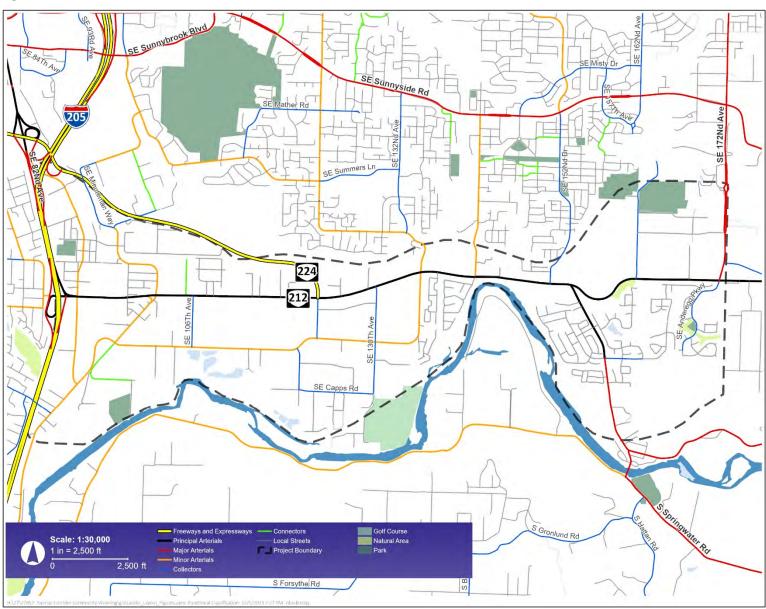
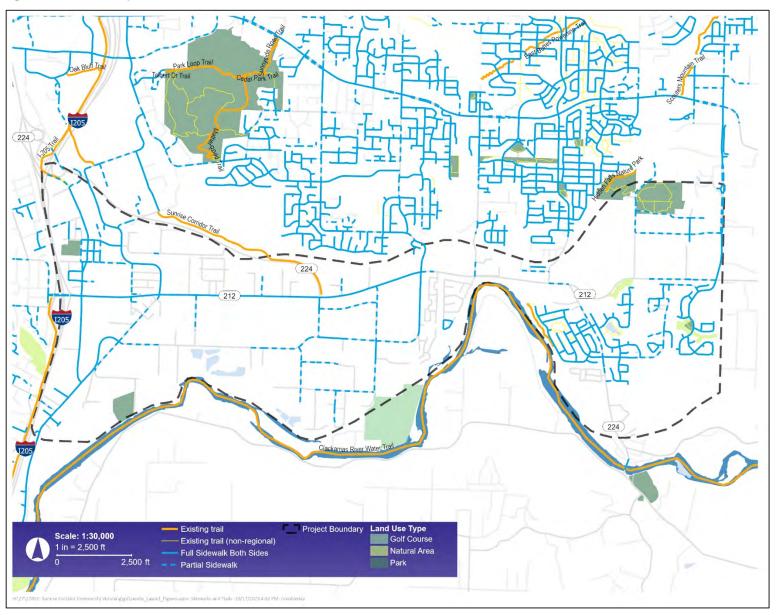


Figure 4. Active Transportation



Transportation Facilities

Table 1 summarizes the roadway transportation facilities within the study area.

Table 1. Existing Transportation Facilities and Roadways in the Study Area

Roadway	Functional Classification	No. of Lanes	Posted Speed	Sidewalks	Bike Lanes	On-Street Parking
OR 212 (Sunrise)	(Sunrise) Statewide Highway (ODOT) Principal Expressway (Clackamas County)		50-55 MPH	No¹	No¹	No
OR 212 (122 nd east)	Statewide Highway (ODOT) Principal Arterial (Clackamas County)	5	45 MPH	Partial ²	Yes	No
OR 213	District Highway (ODOT) Principal Arterial (Clackamas County)	4	45-50 MPH	No	No	No
OR 224 (I-205 to 122 nd)	Statewide Highway (ODOT) Principal Arterial (Clackamas County)	5	35-45 MPH	Yes	Yes	No
OR 224 (Rock Creek Junction south)	Creek Junction Principal Arterial		45 MPH	Partial ³	Partial ³	No
I-205	Interstate Highway (ODOT)	6	55 MPH	No	No	No
SE 122 nd Avenue	Collector	2	30 MPH	Partial ⁴	Yes	No
SE 135 th Avenue	Minor Arterial	2-3	35 MPH	No	Yes	No
SE 142 nd Avenue	Minor Arterial	2	40 MPH	No	No	Partial ⁵
SE 152 nd Avenue	Collector	2	35 MPH	No	No	No
SE 172 nd Avenue	Major Arterial	4	45 MPH	Yes	Yes	No
SE Anderegg Parkway			None Posted	Yes	No	Yes
SE Jennifer Street	Minor Arterial	3	40 MPH	Partial ⁶	Yes	No

¹ There is a parallel shared-use path on the north side of OR 212 between Mather Road and SE 122nd Avenue.

There are a limited number of people walking and biking along Highway 212 in the traffic count data. There were nine pedestrians identified at the OR 224/OR 212 intersection during the weekday PM peak hour, eight pedestrians at the OR 224/SE 122nd Aveue/OR 212 intersection during the weekday PM peak hour, and no more than four pedestrians at any other study intersection during that time. The weekday PM peak hour traffic counts captured six bicyclists at both the OR 224/SE 122nd Avenue/OR 212 and SE 142nd

 $^{^2}$ There is a complete sidewalk network between SE 122^{nd} Avenue and SE 135^{th} Avenue. There are no sidewalks east of SE 135^{th} Avenue.

³ There are sidewalks and bike lanes around the housing developments at Goose Hollow Drive and SE Eckert Lane. Otherwise, the street has a wide shoulder for people walking and biking.

⁴ SE 122nd Avenue has a complete sidewalk network except for a 125-foot segment on the west side of the street immediately north of SE Jennifer Street.

⁵ On-street parking is only allowed on the east side of the street immediately to the north of OR 212.

⁶ There are sidewalks east of the intersection with SE 122nd Avenue and none west of the intersection.

Avenue/OR 212 intersections, and no more than three bicyclists at any other intersection along OR 212. The traffic count data catches a single bicyclist and no pedestrians at any of the study intersections on the existing Sunrise Expressway.

There are two shared-use paths within the study area: the I-205 Multi-Use Path and Sunrise Corridor Trail, shown in Figure 4. The I-205 Multi-Use Path runs along the west side of I-205, with connections to SE Ambler Road, SE Lawnfield Road, and SE 82nd Drive heading north and Highway 212 and SE McKinley Avenue heading south. There is a gap in the I-205 Multi-Use Path between OR 224 and OR 212. The Sunrise Corridor Trail runs from SE Mather Road north of OR 224 to the SE 125th Court/OR 212 intersection.

Union Pacific maintains Portland to Oregon City railroad facilities within the study area, as well, with three railroad tracks running underneath OR 224 and four railroad tracks running underneath OR 212. The fourth set of tracks under OR 212 provides shortline access to industrial land off of SE Jennifer Street and SE Capps Road.

Electric vehicle charging stations in the study area include one at the Hampton Inn on SE Adams Street, two at the Verne A Duncan Elementary School/Adrienne C. Nelson High School, and about 20 in the Clackamas Town Center area.

Crash Analysis

This section evaluates study intersection crashes for the five most recent years with data, as well as all other crashes along the OR 212 and OR 224 corridors outside of the study intersections, with special attention to any fatal crashes in the corridor.

Intersection Crash Analysis

The study intersection crash history was obtained from the Oregon Department of Transportation's TDS Crash Reports Portal (Reference 1) and TransGIS (Reference 2) for the five-year period from January 1, 2017 to December 31, 2021. Table 2 summarizes the reported crash frequency, type, and severity by intersection. Generally, ODOT considers a crash rate greater than one (1.0) crash per million entering vehicles (MEV) as an indicator that a potential geometric or operational issue may exist, and that further evaluation should be considered.

There are two signalized intersections where the majority of reported crashes are rear-end crashes, including:

- SE 135th Avenue/OR 212 (52 of the 60 reported crashes were rear-end crashes)
- SE 122nd Avenue/OR 212, (24 of the 34 reported crashes were rear-end crashes)

There are two signalized intersections where the majority of reported crashes were turning movement crashes:

- 142nd Avenue/OR 212 intersection (18 of the 28 reported crashes); and
- SE 172nd Avenue/OR 212 intersection (17 of the 28 reported crashes).

There were no reported crashes involving a fatality at any study intersection during the analysis period.

Appendix A includes the crash data for each of the study intersections.

Non-Intersection Crash Analysis

Table 3 below summarizes reported crash frequency, type, and severity by segment. The segments exclude study intersection crashes. Figure 5 includes a map of all of the crashes within the study area. Appendix A includes the crash data for each of the segments.

Additional discussion on the three non-intersection crash areas is below.

Table 2. Study Intersection Crash Frequency and Severity (January 2017 through December 2021)

			Crash Type				,			Crash Severity			
	Intersection	No. of Crashes	Rear- End	Fixed Object	Turning	Angle	Head- On	Side- swipe	Other	PDO	Injury	Total	Crash Rate
1	OR 213 SB off-ramp/I-205 SB on- ramp/OR 224	8	3	1	4	-	-	-	-	2	6	8	0.11
2	OR 213 NB access/I-205 SB off- ramp/OR 224	16	2	-	9	2	-	1	2	8	8	16	0.26
3	I-205 NB on-ramp/OR 224	5	2	-	3	-	-	-	-	3	2	5	0.11
4	SE 122nd Avenue/OR 212	34	24	1	6	3	-	-	-	11	23	34	0.56
5	SE 135th Avenue/OR 212	60	52	-	4	2	1	-	1	27	33	60	0.79
6	SE 142nd Avenue/OR 212	28	7	1	18	1	-	1	-	8	20	28	0.41
7	SE 152nd Avenue/OR 212	16	5	-	11	-	-	-	-	7	9	16	0.25
8	OR 224/OR 212	18	10	1	5	-	-	-	2	9	9	18	0.28
9	SE 172nd Avenue/OR 212	28	10	1	17	-	-	-	-	11	17	28	0.65
10	SE 122nd Avenue/SE Jennifer Street	8	-	1	2	4	-	-	1	5	3	8	0.42

Crash rate is calculated as the number of crashes per million entering vehicles. Average daily traffic volumes were estimated using PM peak hour total entering volume at the intersection.

Table 3. Non-Study Intersection Crash Frequency and Severity (January 2017 through December 2021)

Segment	Rear- End	Fixed Object	Turning	Angle	Head- On	Side- Swipe	Ped	Other	PDO	Injury	Fatal	Total
OR 224 from OR 213 off-ramp/I-205 on-ramp to SE 122nd Ave	26	16	8	1	2	20	-	1	28	45	1	74
OR 212 from SE McKinley Ave to SE 122nd Ave	58	8	31	1	2	4	2	2	50	56	2	108
OR 212 from SE 122nd Ave to SE 172nd Ave	120	18	20	-	-	34	-	2	80	111	3	194

OR 224 from OR 213 SB off-ramp/l-205 SB on-ramp to SE 122nd Avenue

The three most prominent crash types were rear-end (26 reported crashes), sideswipe (20 reported crashes), and fixed object (16 reported crashes). There were 12 other crashes outside of these three crash types, eight of which were turning movement crashes.

There has been one reported fatality crash on this segment of OR 224. On Friday, July 10th, 2023 at 7 p.m., a 32-year-old male driver heading westbound on OR 224 was passing another vehicle when he struck the median barrier, lost control, flipped the vehicle, and was ejected from the vehicle. The 32-year-old died in the crash. Another vehicle was involved in the crash, and the 19-year-old female driver in that vehicle suffered moderate injuries. The crash occurred east of the Minuteman Way overcrossing during the day and involved a fixed object.

OR 212 from SE McKinley Avenue to SE 122nd Avenue

As shown in the table, more than half of the crashes on this segment (31 reported crashes out of 58) are associated with rear-ends. Two fatal crashes were reported, one of which involved a pedestrian. There was another crash in this corridor where a pedestrian suffered a minor injury.

The fatal pedestrian crash occurred at 7 a.m. on Thursday, October 17th, 2019 at the SE 102nd Avenue/OR 212 intersection. The 20-year-old male pedestrian was crossing SE 102nd Avenue from east to west in the crosswalk but did not have the right-of-way and was struck and killed by a truck making an eastbound right-turn.

The other fatal vehicular crash occurred at 3 p.m. on Saturday, July 17th, 2021 on the OR 212 overcrossing over the railroad tracks east of SE 82nd Drive. An 80-year-old motor vehicle driver heading westbound on OR 212 was reported as following another motor vehicle too closely and rear-ended the vehicle in front of it. The 80-year-old driver was killed in the crash, and all six people in the vehicle that was rear-ended suffered moderate injuries. The force of the crash forced the second vehicle into a third vehicle, where the driver of that vehicle also suffered moderate injuries.

There was also a minor injury pedestrian crash at the I-205 southbound ramps/OR 212 intersection, which occurred at 6 p.m. on Sunday, October 17th, 2021. An eastbound right-turning vehicle failed to yield the right-of-way to the pedestrian who was walking westbound across the ramp access in the crosswalk, striking the pedestrian.

OR 212 from SE 122nd Avenue to SE 172nd Avenue

Roughly 60 percent of the total reported crashes on OR 212 from SE 122nd Avenue to SE 172nd Avenue are associated with rear-ends (120 out of 194). Three crashes out of the 194 reported crashes were fatal and are described in more detail below.

Two of the three fatal crashes occurred at the intersection of SE For Mor Court and OR 212, one in 2018 and one in 2021. At 4 p.m. on Sunday, April 22nd, 2018, a 25-year-old male on a motorcycle heading eastbound on OR 212 was traveling above the speed limit and ran into a stalled motor vehicle, which killed the motorcyclist. At 6pm on Sunday, June 28th, 2021, a 42-year-old male driving a motor vehicle heading westbound on OR 212 ran off the road and struck a tree, which killed the driver.

The third fatal crash occurred east of the OR 224/OR 212 intersection along the curve in OR 212. At 5 p.m. on Wednesday, September 16th, 2020, a 20-year-old male on a motorcycle heading eastbound on OR 212 lost control of their motorcycle and ran off the road and hit a guardrail, which killed the motorcyclist.

SPIS Segments

ODOT has developed the Safety Priority Index System (SPIS) across all state facilities to identify locations for safety improvements. A SPIS score incorporates three years of crash data and includes three elements: crash frequency, crash rate, and crash severity. Segments are analyzed in one-tenth of a mile segments for analysis, and all statewide facilities are analyzed on the same scale.

If a location falls within the top five percent of SPIS scores, then the Region Traffic office must conduct a safety investigation to identify safety improvements that can be made. ODOT's TransGIS site also identifies SPIS sites within the top 10 and top 15 percent.

As shown in Table 4 and Figure 6 below, there are several segments within the project area that fall within these percentile ranks:

Table 4. SPIS Segment Percentiles

Top 5 Percentile Rank	Top 10 Percentile Rank	Top 15 Percentile Rank
 Highway 212 at SE 82nd Drive Highway 212/224 at SE 135th Avenue Highway 212/224 at SE 142nd Avenue Highway 212/224 at SE 152nd Avenue Highway 212/224 at Rock Creek Junction Highway 212 at SE 172nd Avenue 	 Highway 212 at I-205 southbound ramps Highway 212 at SE 102nd Avenue Highway 212/224 east of SE 142nd Avenue Highway 212/224 west of SE 152nd Avenue Highway 212/224 between SE 152nd Avenue and Rock Creek Junction Highway 212 at SE 162nd Avenue 	 Highway 212 at the railroad overcrossing (east of SE 82nd Drive) Highway 212 at Highway 224 and SE 122nd Avenue Highway 212/224 west of SE 130th Avenue

The Safe Systems Approach

The Safe Systems Approach seeks to address and mitigate the risks inherent in our enormous and complex transportation system. Its implementation will be arranged around five objectives:

- Safer People,
- Safer Roads.
- Safer Vehicles,
- Safer Speeds, and
- Post-Crash Care

This project will seek to implement Safe Systems Approach guidance as it develops goals and assesses future scenarios. More information can be found here:

https://www.transportation.gov/NRSS/SafeSystem

Figure 5. Crash Severity

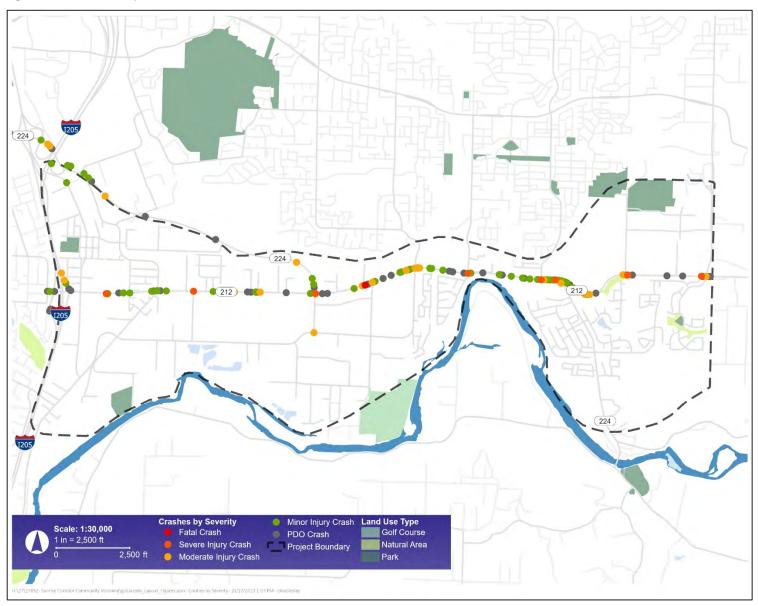
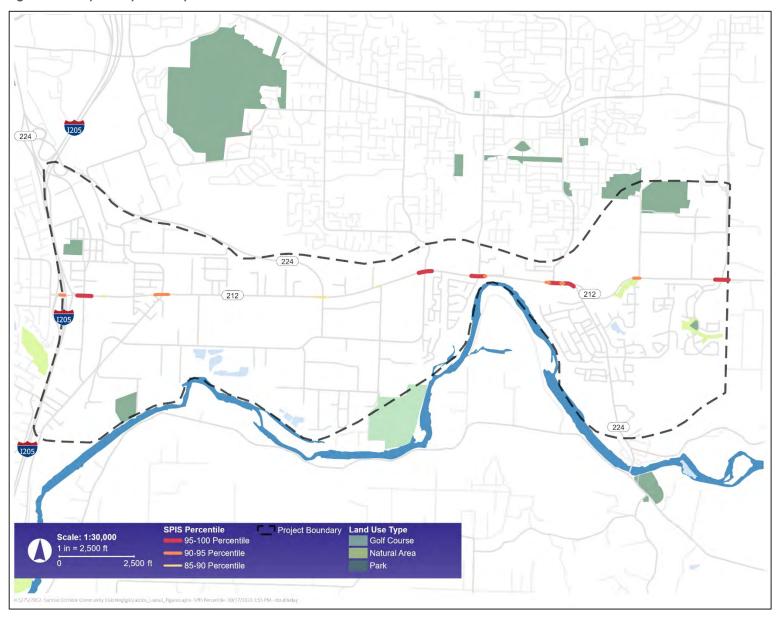


Figure 6. Safety Priority Index System



Existing Transit Services

The Sunrise Corridor, located near the Clackamas Town Center Transit Center, has two different transit service providers: TriMet (with 4 existing routes and 2 planned routes), and Clackamas County (its own Clackamas Industrial Area Shuttle and operation of the Clackamas Community College [CCC] Xpress). Table 5 summarizes the service frequency and ridership of bus routes in the study area.

Table 5. Service Frequency and Ridership of Bus Routes along Sunrise Corridor¹

Route	Weekday Service Span / Headway	Weekend Service Span / Headway	Riders per Revenue Hour – Weekday Spring 2019	Riders per Revenue Hour – Weekday Spring 2023
TriMet 30	6:30 AM – 8:30 PM / 1 hour	8:30 AM - 6:30 PM / 1 hour	16.3	14.9
TriMet 79	6:15 AM - 10:35 PM / 20 - 40 mins	8:15 AM – 10:35 PM / 40 mins	25.9	22.7
TriMet 145*	1 hour	1 hour		
TriMet 150*	1 hour	1 hour		
TriMet 155	5:30 AM – 11:00 PM / 30 mins	,		19.8
TriMet 156	5:30 AM – 7:50 PM / 1 hour 20 minutes	No service	18.1	12.2
Clackamas Industrial Area Shuttle	4:50 AM – 8:35 PM / 1 hour	4:50 AM – 11:25 AM / 1 hour	Not in Operation	4.2
CCC Xpress	6:00 AM – 6:50 PM (Southbound); 6:35 AM – 7:10 PM (Northbound) / 1 hour	No service		

Source/Notes: * Proposed new service; -- Missing data for service

A map of the existing transit service routes and stops with weekday boarding and alighting data within the Sunrise Corridor is shown in Figure 7. Where stops are across the street from each other, the westbound activity is shown above the eastbound activity. The Clackamas County Transit Development Plan (TDP – Reference 3), which identifies 20-year transit needs for the county, provides short-term, medium-term, and long-term recommendations for new and additional transit services (Figure 8 through Figure 10). This includes the recently-launched Clackamas Industrial Area Shuttle with 15 runs per day. The TDP recommends gradually increasing service to 17 to 32 runs per day in the medium- and long-term. In addition, recommendations, relevant to the project area and its vicinity, are shown in Table 6.

¹ (Sources: <u>TriMet's Forward Together plan</u>; <u>TriMet Bus Service</u>; <u>TriMet Ridership and Performance Statistics</u>; <u>Clackamas</u> <u>County Connects Shuttle Service</u>)

Figure 7. Weekday Transit Services

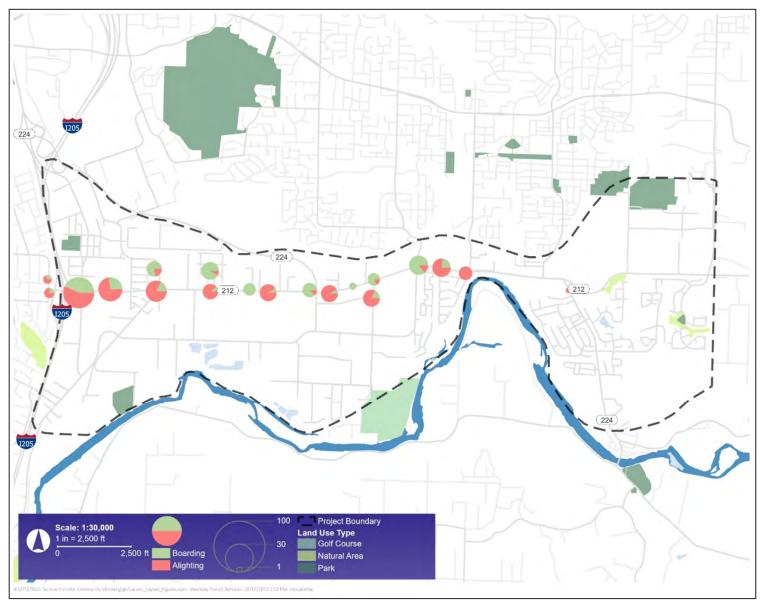


Table 6. Clackamas County TDP Recommendations (Source: Clackamas County TDP 2021)

ID	Corridor or Area	Existing Runs per Day	Additional Transit Run Demand	Recommendation	District/ Provider	Vehicle Size	Status
MT-6	Happy Valley	16	19	Establish hourly service (about 10 runs per day)	TriMet	Larger	Established Need
MT-9	Damascus	0	19	Establish hourly service (about 10 runs per day)	TBD	Smaller	Established Need
MT-11	Highway 212: I-205 to US26	0	14	Establish hourly service (about 8 runs per day); triggers Mobility Hub in Boring	SAM	Larger	In Provider Plan
LT-6	Happy Valley	26	9	Evaluate service; consider increased service span and frequency to add about 10 runs per day	TriMet	Larger	Established Need
LT-8	Damascus	10	9	Evaluate service; consider increased service span and frequency to add about 10 runs per day	TBD	Smaller	Established Need
LT-10	Highway 212: I-205 to US26	8	6	Evaluate service; consider increased service span and frequency to add about 10 runs per day	SAM	Larger	In Provider Plan
N/A	Highway 224: Highway 212 to Estacada	Monitor p	potential incre	ases to transit demand	N/A	N/A	N/A

Source/Notes: MT= Medium-term; LT: Long-term; SAM: Sandy Area Metro

TriMet's Forward Together plan (Reference 4) focuses service in areas with high ridership that serve lower-income people and their needs more equitably. By mapping ridership changes between 2019 and 2021, job locations and access to transit, and using a composite equity index, TriMet was able to create a new regional service concept. TriMet is continuing to refine this plan through evolutions such as their FX planning for frequent service lines and other programs.

Within the project area and the Clackamas Industrial Area, the Forward Together plan results in a net service increase. Figure 11 below shows the revised transit concept for the project area and the Clackamas Industrial Area. The existing Route 79, running along 82nd Drive across OR 224, would be elevated to a frequent service route (15-minute headways or better) in the long-term, an improvement over its 40-minute headways currently. Two new routes would serve different areas within the project area Corridor:

- Route 145 would run between Clackamas Town Center and Oregon City, with service on SE 102nd Avenue and SE Evelyn Street at OR 224
- **Route 150** would run between Milwaukie and Powell Boulevard in Gresham, with services along SE Jennifer Street and on OR 212 before turning north onto SE 172nd Avenue and the C2C corridor.
- The Forward Together plan proposes removing **Route 156**, which runs between Clackamas Town Center and Sunnyside Road, with service on OR 212 between SE 135th Avenue and SE 152nd Avenue.

CLACKAMAS COUNTY TRANSIT DEVELOPMENT PLAN Happy Valley SE TILLSTROM RD 2 Boring Damascus 212 Clackamas Lake Oswego Industrial Short-Term Recommendations: 8 or Fewer Runs per Day 9 - 16 Runs per Day = 17 - 32 Runs per Day West Linn 33 - 64 Runs per Day Stafford ■ 65 or More Runs per Day Eagle Greek 9 - 16 Runs per Day **Planned Services** --- Wilsonville to Clackamas Town Center --- Tualatin Shuttle (New) Mobility Hub 1 Transit Centers Park and ride lots Urban Growth Boundaries County Boundary Carus Cenby 211 5 SPANGLER RD

Figure 8. Clackamas County TDP Short-Term Recommendations (Map Source: Clackamas County TDP 2021)

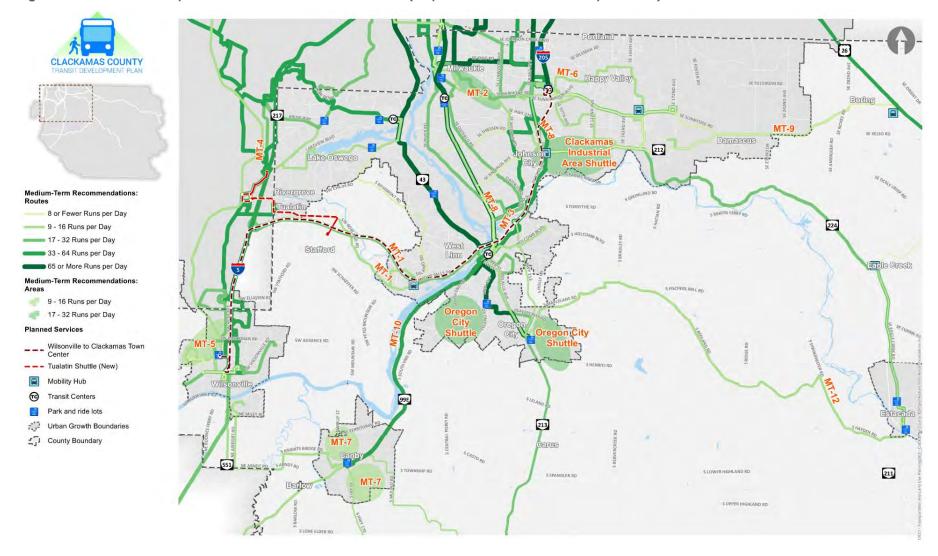


Figure 9. Clackamas County TDP Medium-Term Recommendations (Map Source: Clackamas County TDP 2021)

acle Creek

211

S FISCHERS MILL RD

5 UPPER HIGHLAND RD

CLACKAMAS COUNTY Damaseus Lake Oswego Long-Term Recommendations: Routes 8 or Fewer Runs per Day 9 - 16 Runs per Day = 17 - 32 Runs per Day

Figure 10. Clackamas County TDP Long-Term Recommendations (Map Source: Clackamas County TDP 2021)

Stafford

Kittelson & Associates, Inc. Version 2

213 Carus

S SPANGLER RD

33 - 64 Runs per Day ■ 65 or More Runs per Day

9 - 16 Runs per Day 17 - 32 Runs per Day **Planned Services**

Wilsonville to Clackamas Town Center --- Tualatin Shuttle (New) Mobility Hub Transit Centers Park and ride lots Urban Growth Boundaries County Boundary



Figure 11. Forward Together Plan for the Sunrise Corridor Area (Map Source: TriMet's Forward Together Plan 2023)

Bus Service Changes

Service loss

New Service

New Frequent Service

Bus Service

Frequent Express Service

─4 Frequent Service

—17— Standard Service

- –(18)– – Rush-Hour Service

•••291••• Night Service

Existing Intersection Operations

Turning movement data were collected in May 2023. The traffic counts were seasonally adjusted following Chapter 5 in ODOT's *Analysis Procedures Manual* (APM – Reference 5), and vehicle volumes were balanced for the through movements between the OR 213 southbound off-ramp/l-205 southbound on-ramp/OR 224 and SE 122nd Avenue/OR 224/OR 212 intersections, as well as between the SE 152nd Avenue/OR 212 and OR 224/OR 212 intersections, where access points between intersections are limited.

Appendix B includes the intersection turning movement counts.

Performance Thresholds

The Oregon Highway Plan (OHP – Reference 6) identifies operating standards for I-205, OR 212, OR 224 for the weekday AM and PM peak hours. At unsignalized intersections, the v/c ratio threshold of 0.99 applies to state highway approaches. At signalized intersections other than interchange ramp terminals, the 0.99 v/c threshold applies to the overall intersection. At signalized interchange ramp terminals, a v/c threshold of 0.85 applies to the overall intersection or up to 0.90 if ramp vehicle queues would not extend onto the mainline per OHP guidelines.

What is volume-to-capacity (v/c) ratio?

Volume-to-capacity (v/c) ratio measures congestion on a roadway by dividing the amount of traffic by the roadway's available space.

- A v/c ratio of 0.90 suggests the roadway is fairly congested but not yet over capacity.
- A v/c ratio of 1.0 is at capacity.
- Over 1.0 is over capacity.

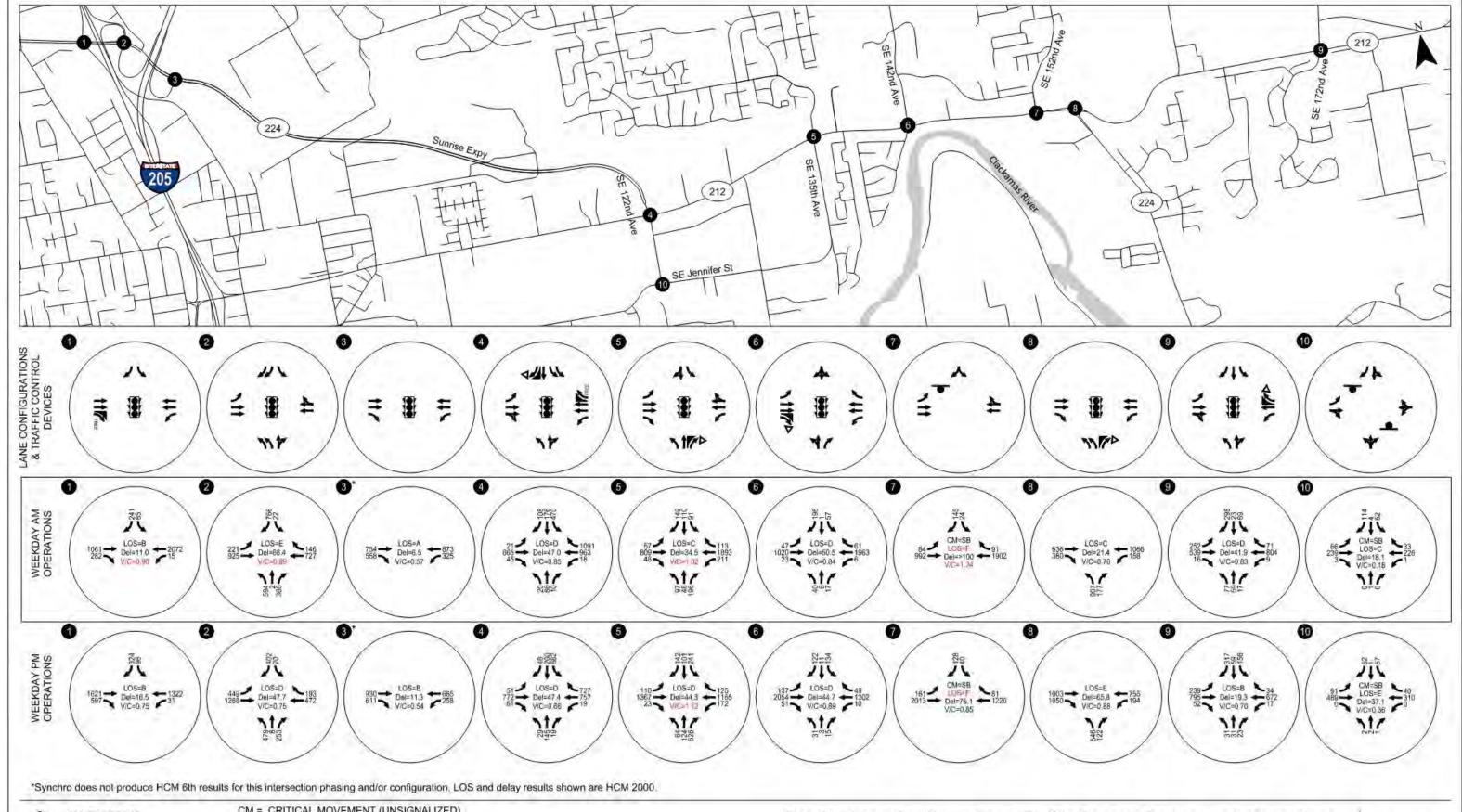
Clackamas County uses level of service (LOS) for its operating standards and sets a threshold of LOS E for unsignalized intersections (i.e., SE 122nd Avenue/SE Jennifer Street).

Traffic Operations Results

Figure 12 shows the existing lane configurations and weekday AM and PM peak hour operations for the study intersections and includes the following operations results:

- Both the SE 135th Avenue/OR 212 and SE 152nd Avenue/OR 212 intersections are over capacity during at least one peak hour period.
- The OR 213 southbound off-ramp/I-205 southbound on-ramp/OR 224 and OR 213 northbound access/I-205 southbound off-ramp/OR 224 intersections have a v/c ratio of 0.90 and 0.89, respectively, during the weekday AM peak hour. Neither intersection has queues that are projected to reach the mainline.
- The southbound approach for the SE 122nd Avenue/SE Jennifer Street intersection is LOS E in the weekday PM peak hour, which is right at the Clackamas County standard.

Appendix C includes the intersection operations worksheets.



- STOP SIGN

- TRAFFIC SIGNAL

V - YIELD SIGN

CM = CRITICAL MOVEMENT (UNSIGNALIZED)

LOS = LEVEL OF SERVICE (SIGNALIZED)/

CRITICAL MOVEMENT LEVEL OF SERVICE (UNSIGNALIZED)

Del = INTERSECTION AVERAGE CONTROL DELAY (SIGNALIZED)/ CRITICAL MOVEMENT CONTROL DELAY (UNSIGNALIZED)

V/C = CRITICAL VOLUME-TO-CAPACITY RATIO

Existing Lane Configurations, Traffic Control Devices and Operations Weekday AM & PM Peak Hours Clackamas County

Figure



Intersection Queuing

Intersection queues were analyzed to determine if there is adequate queue storage for each lane group across all 10 study intersections. The 95th percentile queue represents a common figure for measuring peak queue lengths. Table 7 below identifies the 95th percentile queues during peak hours, available storage or distance to next intersection, and whether storage adequately handles queues.

As shown, there are 95th percentile queues that exceed the available storage capacity at four of the 10 study intersections. These include queues on ramp terminals connecting to I-205 and OR 213.

- At the OR 213 southbound off-ramp/l-205 southbound on-ramp/OR 224 intersection, the southbound right-turning movement exceeds the available storage capacity during both the weekday AM and PM peak hours. The queue does not spill back onto OR 213 but does impact the southbound left-turn movement.
- At the OR 213 northbound access/I-205 southbound off-ramp/OR 224 intersection, the westbound through movement blocks the intersection with SE Ambler Road during both peak hours, and the eastbound left-turn queue exceeds the available storage during the weekday PM peak hour. Most critically, the northbound right-turn queue blocks the northbound left-turn lane and nearly reaches southbound I-205.
- At the SE 135th Avenue/OR 212 intersection, the southbound right-turn queues exceed the turn lane capacity during both peak hours and blocks the southbound left-turn lane. During the weekday PM peak hour, the westbound queue will block the two driveways on the north and south sides of OR 212.
- At the OR 224/OR 212 intersection, the northbound left-turn lane exceed the storage capacity during both peak hours, blocking access to the northbound right-turn lane. The eastbound right-turn lane exceeds capacity as well, but it reaches SE 152nd Avenue during the weekday PM peak hour.

Table 7. 95th Percentile Queue Lengths – Weekday AM and PM Peak Hours

ID	Intersection	Movement	Storage Length (feet)	95 th Percentile Queue (feet)	Adequate?
		Weekday AM Peak	Hour		
		EBT	1,075	275	Yes
		WBL	75	25	Yes
1	OR 213 southbound off-ramp/l- 205 southbound on-ramp/OR 224	WBT	700	50	Yes
		SBL	250	125	Yes
		SBR	250	400	No
		EBL	375	250	Yes
		EBT	600	25	Yes
2	OR 213 northbound access/l-205	WBT	300	375	No
2	southbound off-ramp/OR 224	NBL	800	425	Yes
		NBR	800	1,125	No
		SBL	175	50	Yes

ID	Intersection	Movement	Storage Length (feet)	95 th Percentile Queue (feet)	Adequate?
		EBL	425	100	Yes
		EBT	725	25	Yes
		EBR	75	25	Yes
		WBL	225	275	Yes
5	SE 135th Avenue/OR 212	WBT	350	175	Yes
		NBL	250	175	Yes
		NBT	N/A	100	Yes
		SBL	325	150	Yes
		SBTR	325	700	No
		EBT	650	250	Yes
	OR 224/OR 212 (Rock Creek Junction)	EBR	150	300	No
8		WBL	225	200	Yes
		WBT	5,000	300	Yes
		NBL	200	350	No
		Weekday PM Peak	Hour		
		EBT	1,075	600	Yes
		WBL	75	50	Yes
1	OR 213 southbound off-ramp/l- 205 southbound on-ramp/OR 224	WBT	700	25	Yes
		SBL	250	125	Yes
		SBR	250	450	No
		EBL	375	450	No
		EBT	600	25	Yes
2	OR 213 northbound access/I-205	WBT	300	450	No
Z	southbound off-ramp/OR 224	NBL	800	350	Yes
		NBR	800	750	Yes
		SBL	175	50	Yes

ID	Intersection	Movement	Storage Length (feet)	95 th Percentile Queue (feet)	Adequate?
		EBL	425	100	Yes
		EBT	725	50	Yes
		EBR	75	0	Yes
		WBL	225	275	No
5	SE 135th Avenue/OR 212	WBT	350	750	No
		NBL	250	125	Yes
		NBT	N/A	200	Yes
		SBL	325	525	No
		SBTR	325	350	No
		EBT	650	575	Yes
		EBR	150	2,100	No
8	OR 224/OR 212 (Rock Creek Junction)	WBL	225	225	Yes
		WBT	5,000	175	Yes
		NBL	200	375	No

Travel Patterns

The corridor travel pattern analysis is based on Streetlight mobile device data to analyze travel patterns and volume profiles. The data queried encompassed all days and all hours between May 13th and 19th, 2023, to represent a typical travel week consistent with analysis informer studies. There are some limitations inherent in travel demand data. In this case, Streetlight data is derived from smartphone applications and other mobile sources, resulting in potential to disproportionately represent smartphone users rather than the total population. Second, data availability constraints can lead to incomplete information across time and locations. More information is available upon request.

Origin-destination analyses were conducted for the 14 zones located in and surrounding the project area, as depicted in Figure 13, then grouped zones into five major areas, including the Clackamas Industrial Area (7, 9, 10, 11), Happy Valley residential (2, 3, 4, 6), Damascus/low-density residential (8,12), and Clackamas Town Center (1) and four manufactured home developments grouped together (5, 13, 14). Figure 14 below shows the origin-destination data trip volumes from the Clackamas Industrial Area to other areas near the study area. The most common destinations from the Clackamas Industrial Area are other locations within the industrial area and Happy Valley (yellow bar). The most common origins into the Clackamas Industrial area are also from the industrial area and Happy Valley. Damascus is the least comment destination and origin point for the Clackamas Industrial Area. Among the OD trips, around 28 to 29% of trips pass through the study area, while the 71% of trips either start or end within the study area (Figure 15). Notably, a greater number of pass-through trips occur overnight, specifically between 10 pm and 6 am, with a peak at around 4 to 5 am (Figure 16).

A detailed description of the origin-destination data between these zones is found in Appendix D.

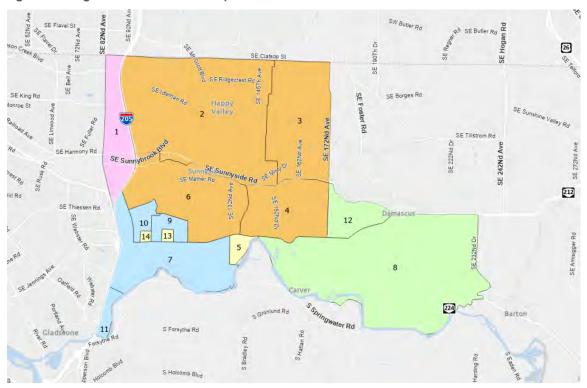


Figure 13. Origin-Destination Zone Map

Figure 14. Origin-Destination by Analysis Zones –Sunrise Corridor Study Area

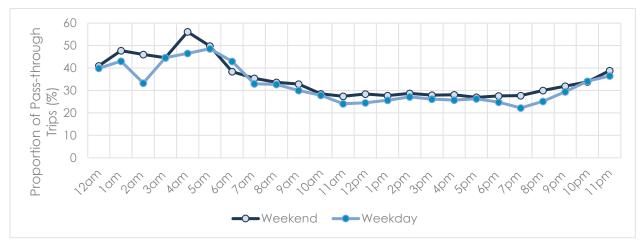


Note/Sources: The four mobile home parks are Riverbend, Shadowbrook, and Oak Acres located at 10701 OR 212, and the housing complex bounded by OR 212 to the south, SE 102nd Avenue to the east, SE Clackamas Road to the north, and SE 98th Avenue to the west.



Figure 15. Proportion of Pass-Through Trips





Motorized Vehicle Origin-Destination by Location

Select route analyses of origin-destination data were performed at four key locations for eastbound and westbound travel, shown in Figure 17. The results of the origin-destination analyses for the OR 224 location are shown in Figure 18 through Figure 33 below. Only links with complete five-day weekday data are included in these figures.



Figure 17. Key Origin-Destination Locations

May Weekday Snapshot

Eastbound Weekday Traffic on OR 224 (Sunrise Expressway)

- Origins
 - 59% from OR 224 west of I-205, 40% from I-205 north of OR 224.
- Destinations
 - 11% travels south via SE 122nd Ave to Clackamas Industrial Area.
 - 6% goes towards Happy Valley through SE 142nd Ave and SE 152nd Dr.
 - 35% travels south on OR 224, 3% north on SE 172nd Ave toward Damascus.
 - 20% remains on OR 212 heading east.

Eastbound Weekday Traffic on OR 212 near 106th Ave:

- Origins
 - 48% originates from I-205 south of OR 212.
- Destinations
 - 2% travels south through SE 122nd Ave to Clackamas Industrial Area.
 - 9% goes towards Happy Valley via SE 142nd Ave and SE 152nd Dr.
 - 15% moves south on OR 224, 5% north on SE 172nd Ave.
 - 32% continues east on OR 212.

Westbound OR 212 Traffic East of SE 172nd Ave:

- Origins
 - 20% originates from OR 26.
 - 13% from SE 242nd Ave.
 - 9% from SE 282nd Ave.

- 6% from SE 222nd Dr.

Destinations

- 10% travels south (5% on OR 224), 5% north (on SE 172nd Ave).
- 26% proceeds west on OR 224 past I-205.
- 33% remains on OR 212, with 26% diverting south onto I-205.

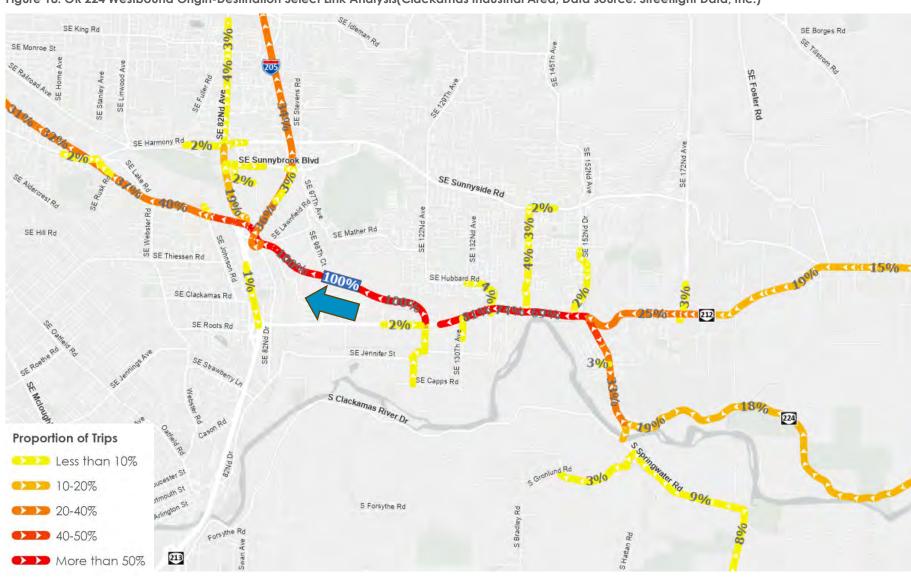


Figure 18. OR 224 Westbound Origin-Destination Select Link Analysis(Clackamas Industrial Area; Data source: Streetlight Data, Inc.)

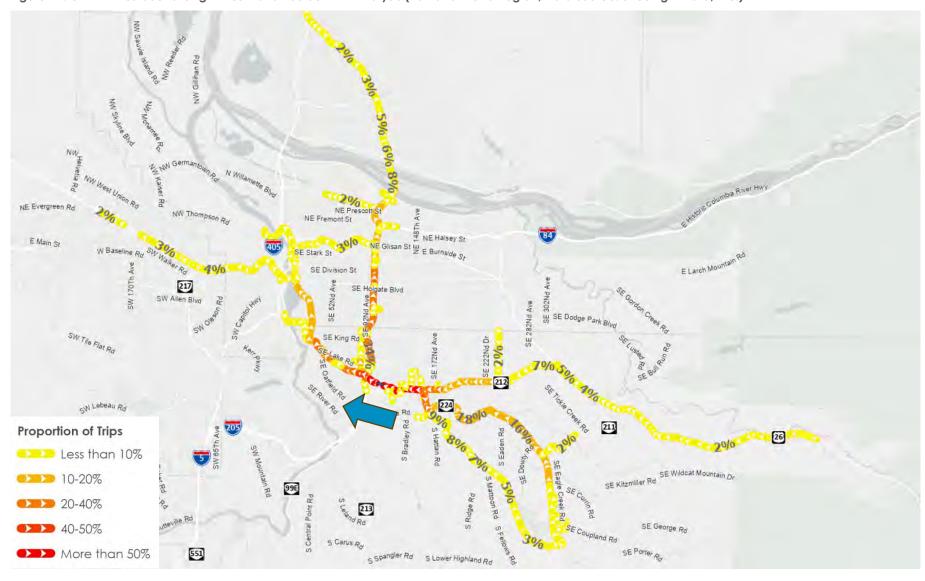


Figure 19. OR 224 Westbound Origin-Destination Select Link Analysis (Portland Metro Region; Data source: Streetlight Data, Inc.)

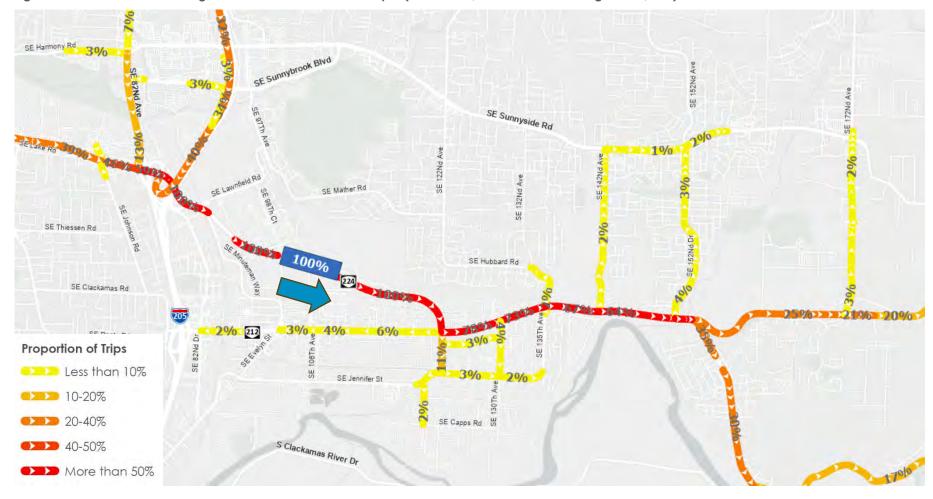


Figure 20. OR 224 Eastbound Origin-Destination Select Link Analysis (Local Area; Data source: Streetlight Data, Inc.)

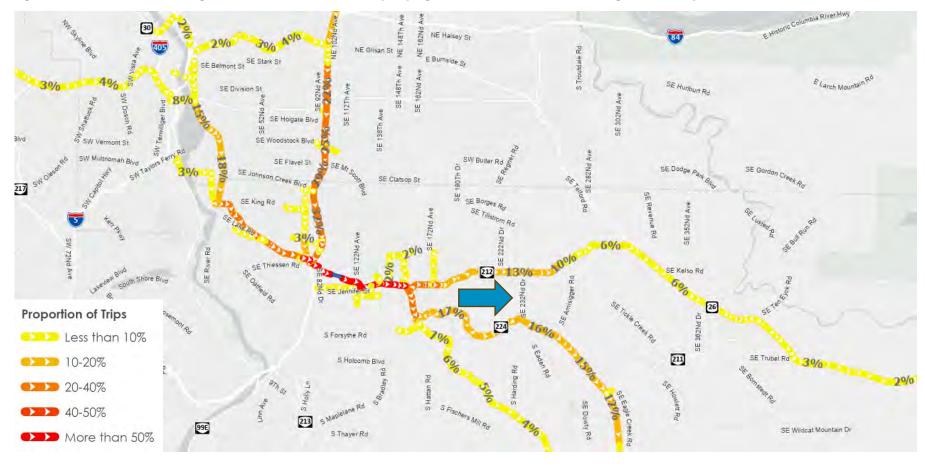


Figure 21. OR 224 Eastbound Origin-Destination Select Link Analysis (Regional Area; Data source: Streetlight Data, Inc.)

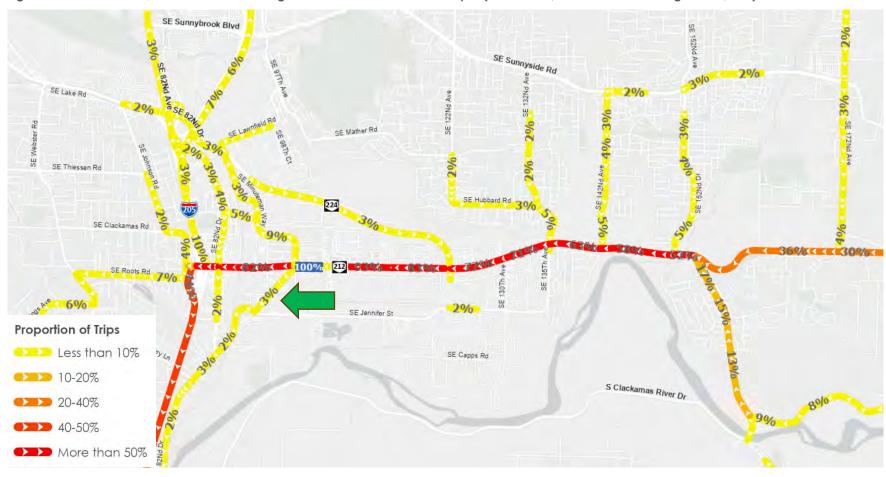


Figure 22. OR 212 at 106th Street Westbound Origin-Destination Select Link Analysis (Local Area; Data source: Streetlight Data, Inc.)

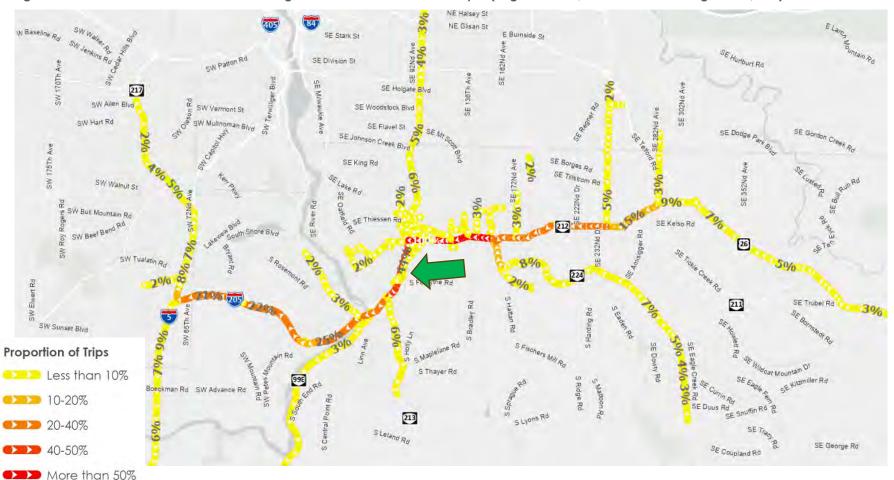


Figure 23. OR 212 at 106th Street Westbound Origin-Destination Select Link Analysis (Regional Area; Data source: Streetlight Data, Inc.)

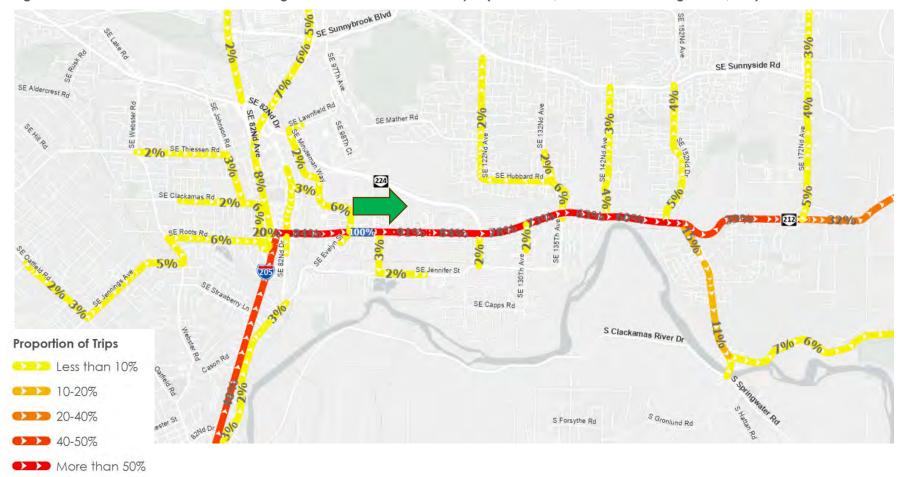


Figure 24. OR 212 at 106th Street Eastbound Origin-Destination Select Link Analysis (Local Area; Data source: Streetlight Data, Inc.)

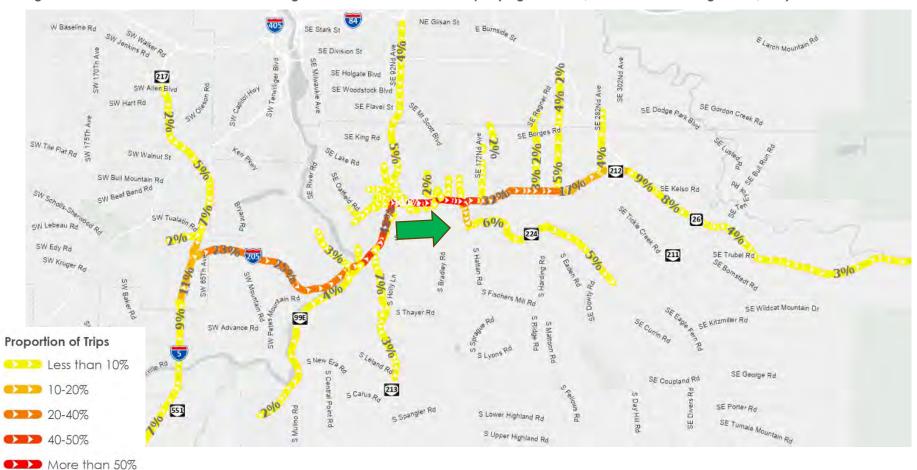


Figure 25. OR 212 at 106th Street Eastbound Origin-Destination Select Link Analysis (Regional Area; Data source: Streetlight Data, Inc.)

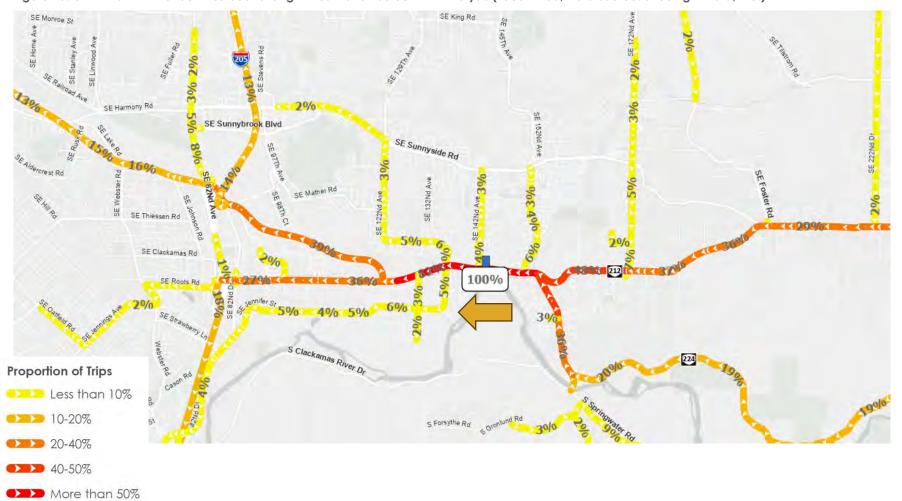


Figure 26. OR 212 at 142nd Street Westbound Origin-Destination Select Link Analysis (Local Area; Data source: Streetlight Data, Inc.)

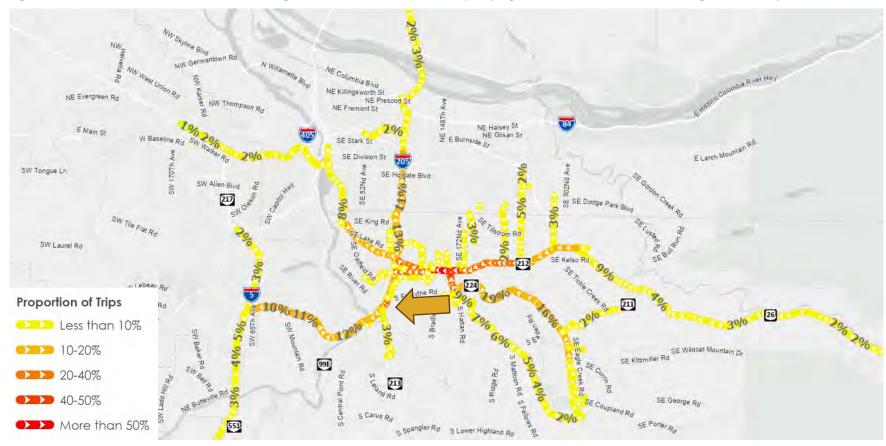


Figure 27. OR 212 at 142nd Street Westbound Origin-Destination Select Link Analysis (Regional Area; Data source: Streetlight Data, Inc.)

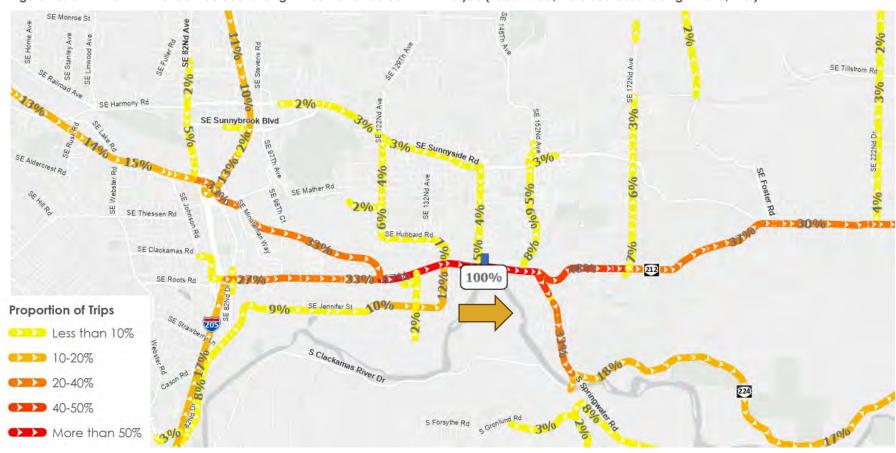


Figure 28. OR 212 at 142nd Street Eastbound Origin-Destination Select Link Analysis (Local Area; Data source: Streetlight Data, Inc.)

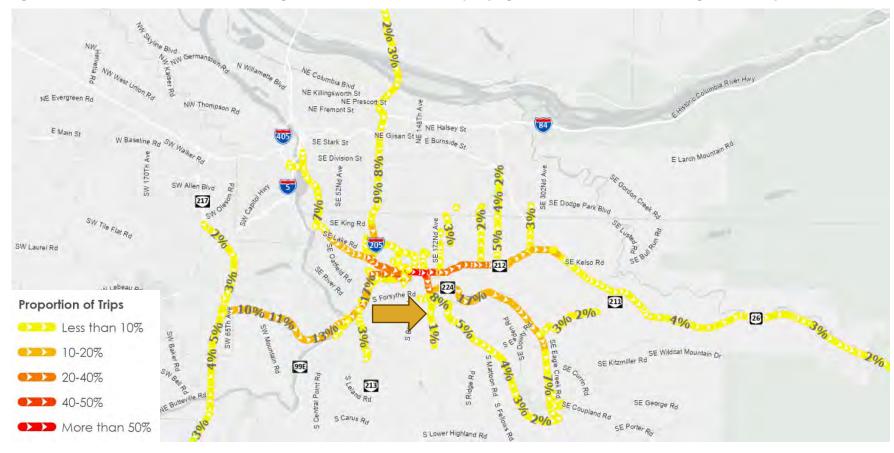


Figure 29. OR 212 at 142nd Street Eastbound Origin-Destination Select Link Analysis (Regional Area; Data source: Streetlight Data, Inc.)

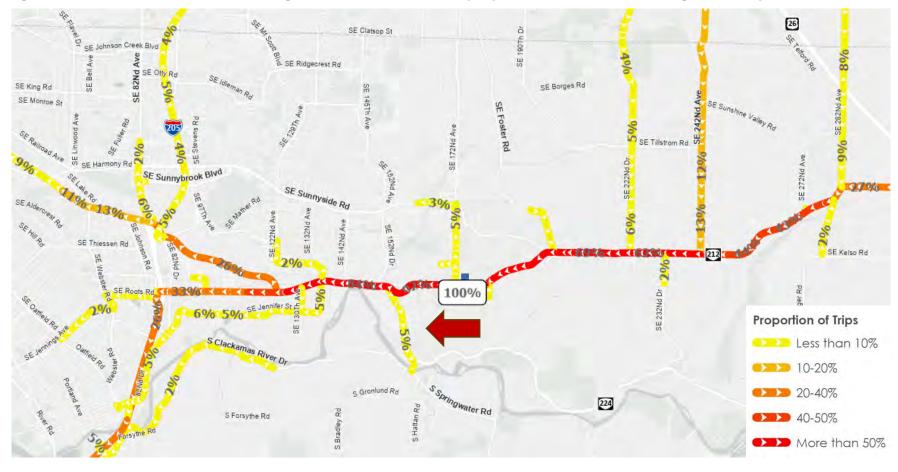


Figure 30. OR 212 at 172nd Street Westbound Origin-Destination Select Link Analysis (Local Area; Data source: Streetlight Data, Inc.)

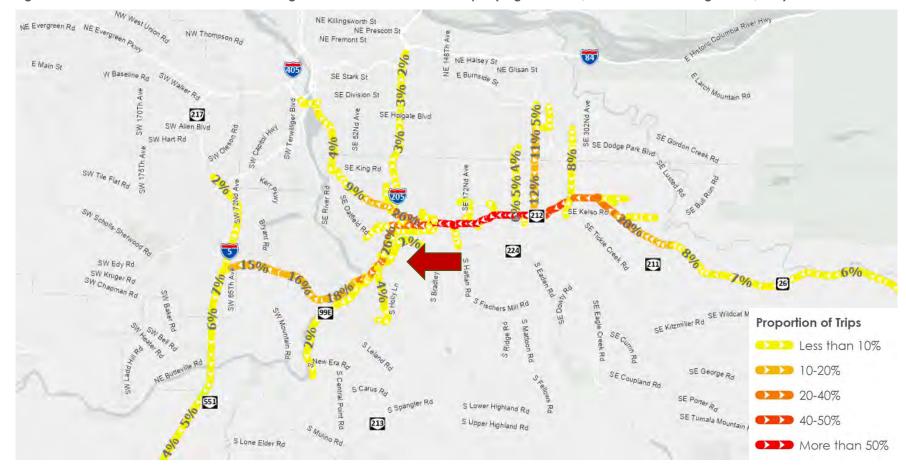


Figure 31. OR 212 at 172nd Street Westbound Origin-Destination Select Link Analysis (Regional Area; Data source: Streetlight Data, Inc.)

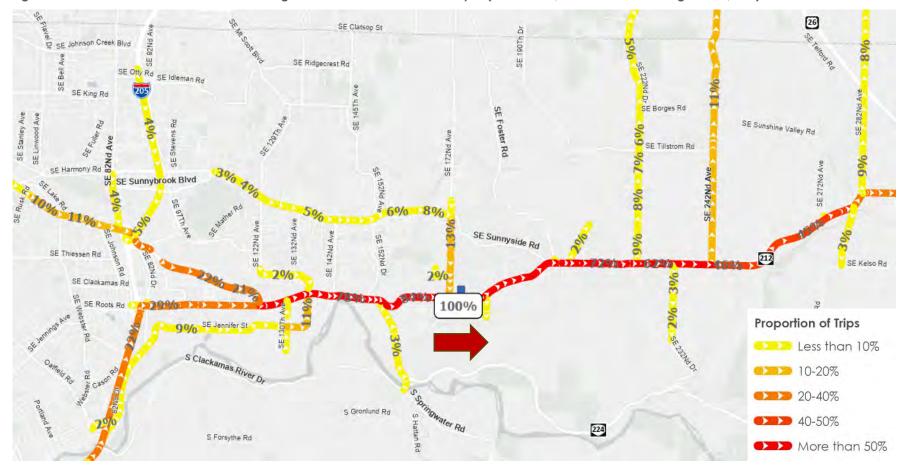


Figure 32. OR 212 at 172nd Street Eastbound Origin-Destination Select Link Analysis (Local Area; Data source: Streetlight Data, Inc.)

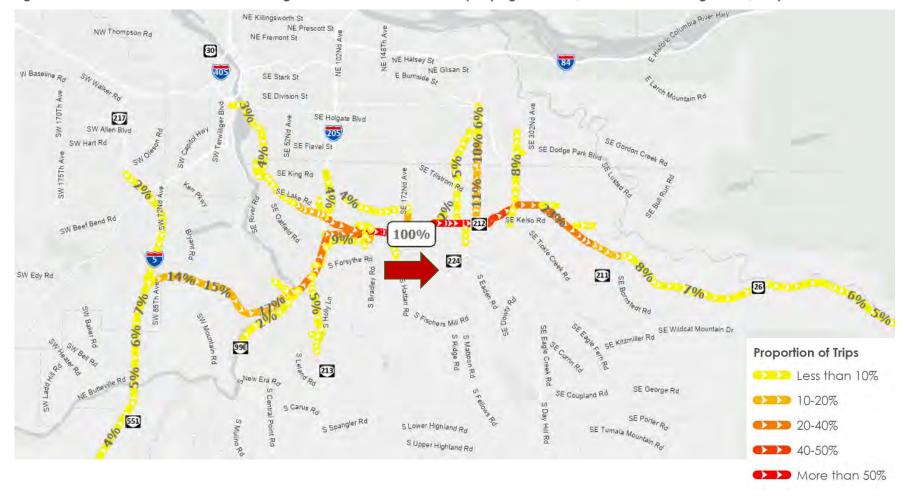


Figure 33. OR 212 at 172nd Street Eastbound Origin-Destination Select Link Analysis (Regional Area; Data source: Streetlight Data, Inc.)

Daily Volume Profile

The study team developed a daily vehicle volume profile at four key locations along the Sunrise Corridor (shown in Figure 17) using the same Streetlight data described in the previous section. The volume profiles for traffic for weekday and weekends are shown in Figure 34 through Figure 37.

Westbound traffic on both OR 224 and OR 212 exhibits morning peak hours between 7 AM and 9 AM during weekdays. In contrast, weekday eastbound peak volumes occur between approximately 3 PM and 5 PM. On weekends, the distinction in peak direction is less pronounced, with peak hours appearing midday from 10 AM to 3 PM.

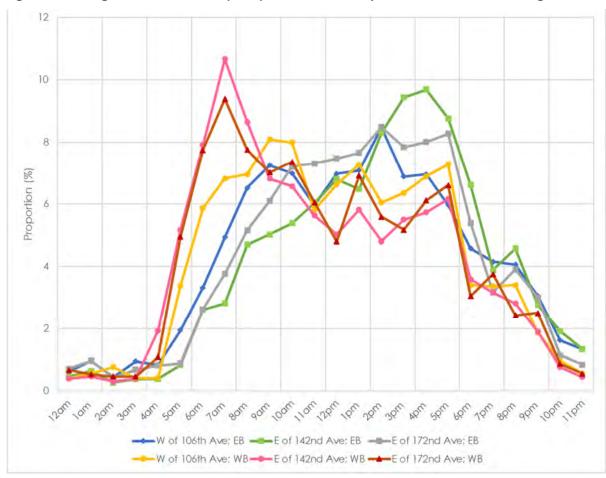
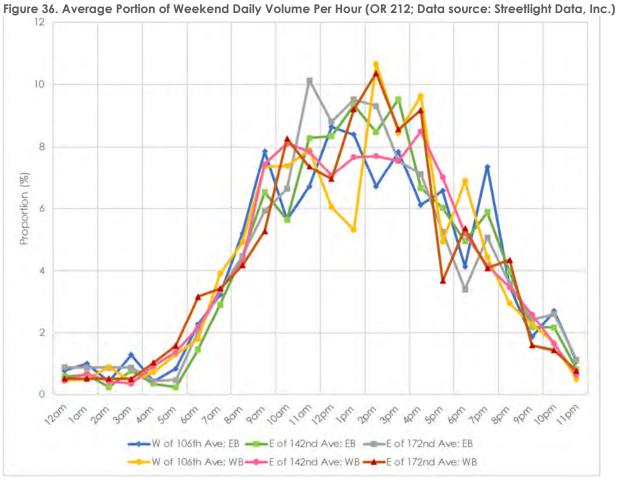


Figure 34. Average Portion of Weekday Daily Volume Per Hour (OR 212; Data source: Streetlight Data, Inc.)



Figure 35. Average Portion of Weekday Daily Volume Per Hour (OR 224 at Sunrise Expressway; Data source: Streetlight Data, Inc.)



Version 2 Kittelson & Associates, Inc.

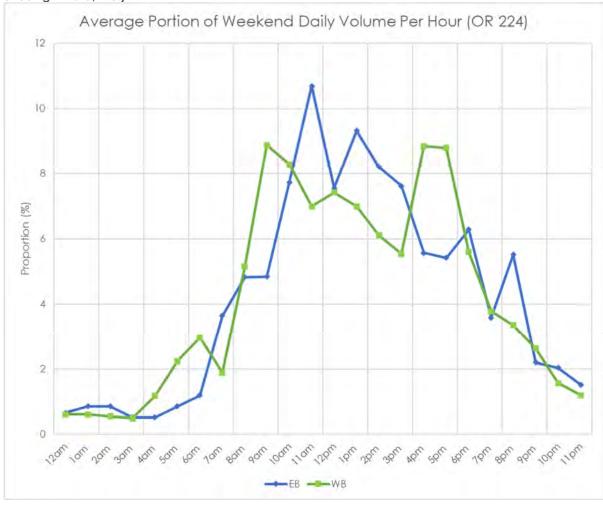


Figure 37. Average Portion of Weekend Daily Volume Per Hour (OR 224 at Sunrise Expressway; Data source: Streetlight Data, Inc.)

Freight Traffic

Figure 38 shows the average annual daily traffic of trucks near the study area. As shown, the existing OR 212 serves as a key corridor for freight activity locally and regionally.

theid

7.330

Carter

Figure 38. Truck Flow (AADT, Source: ODOT TransGIS)

Applying the volume data from select route analyses, the project team analyzed proportions of heavy vehicles. The results for each location are shown in Figure 39 through Figure 46 below. Heavy vehicles include vehicles above 26,000 pounds (GVWR Class 7+).

May Weekday Snapshot

For eastbound traffic passing through OR 212 at 172nd Avenue, heavy vehicles make up approximately 1% of the total. On the westbound route to SE 172nd Avenue, over 10% of the traffic heading to SE 172nd Avenue and SE Thiessen Road consists of heavy vehicles. Additionally, more than 5% of the traffic bound for SE Clackamas Road comprises freight vehicles.

As for eastbound traffic on OR 212 at 106th Avenue, about 10% of vehicles on I-205 are heavy vehicles. Roughly 4 to 6% of traffic to and from the Clackamas Industrial Area falls into the heavy vehicle category. For westbound traffic on OR 212 at 106th Avenue, 6.2% of traffic from SE Kelso Road consists of heavy vehicles.

Similarly, both eastbound and westbound traffic passing through OR 224 at Sunrise Expressway shows that around 10% of the vehicles are either from or accessing the Clackamas Industrial Area.

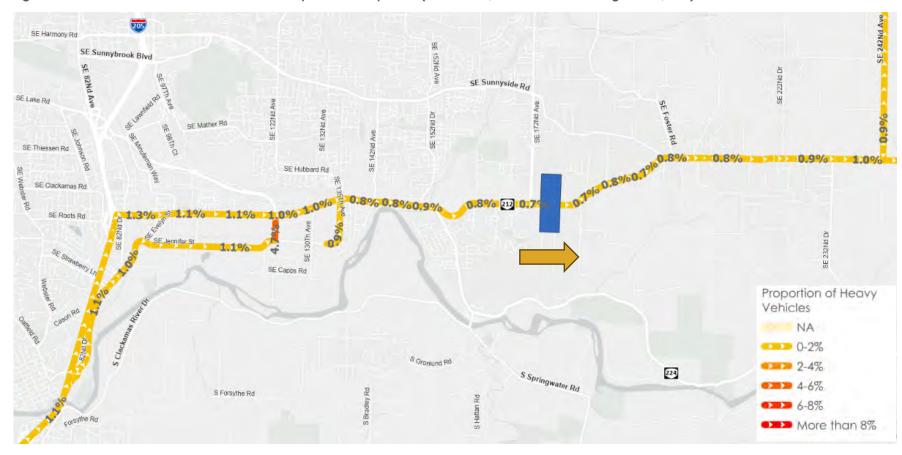


Figure 39. OR 212 at 172nd Street Eastbound Heavy Vehicle Proportion (Local Area; Data source: Streetlight Data, Inc.)

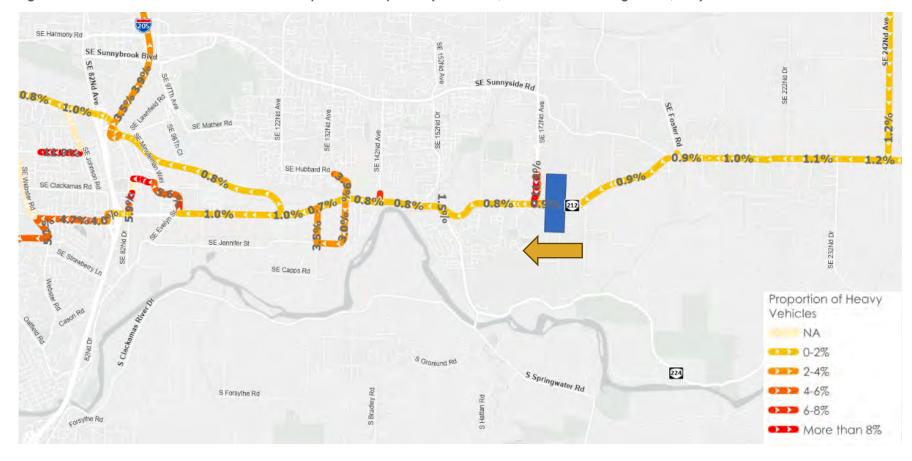


Figure 40. OR 212 at 172nd Street Westbound Heavy Vehicle Proportion (Local Area; Data source: Streetlight Data, Inc.)

Version 2

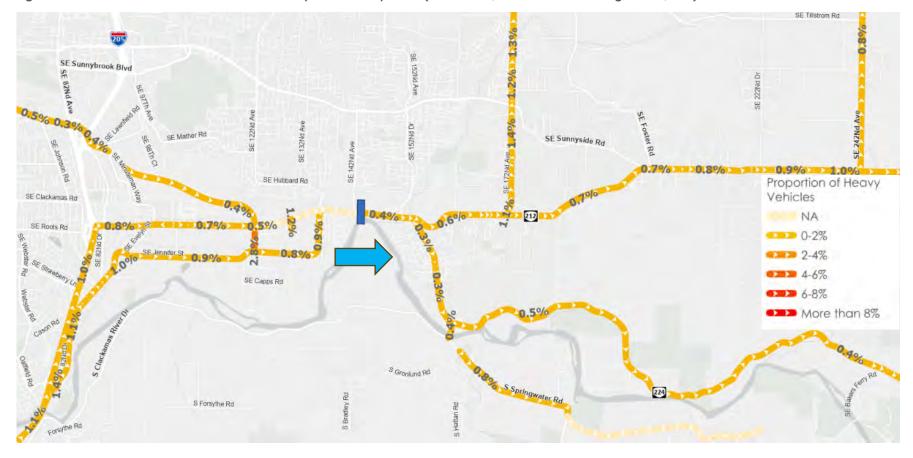


Figure 41. OR 212 at 142nd Street Eastbound Heavy Vehicle Proportion (Local Area; Data source: Streetlight Data, Inc.)

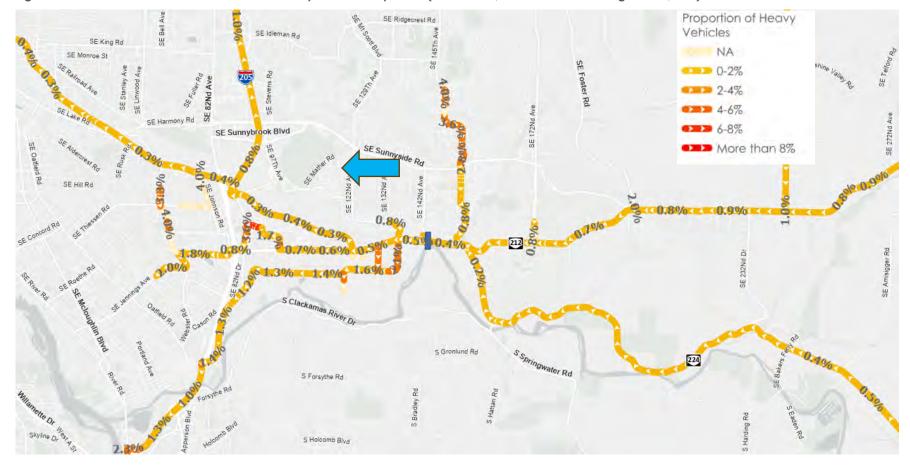


Figure 42. OR 212 at 142nd Street Westbound Heavy Vehicle Proportion (Local Area; Data source: Streetlight Data, Inc.)

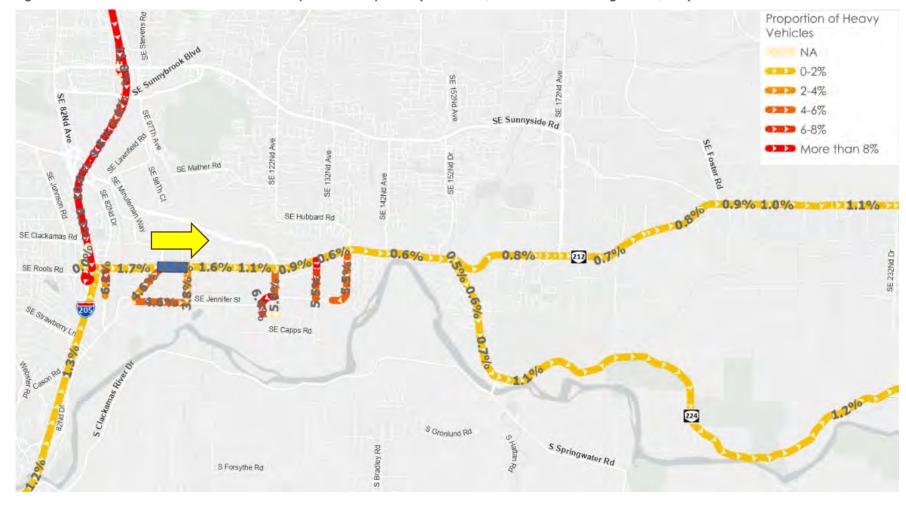


Figure 43. OR 212 at 106th Street Eastbound Heavy Vehicle Proportion (Local Area; Data source: Streetlight Data, Inc.)

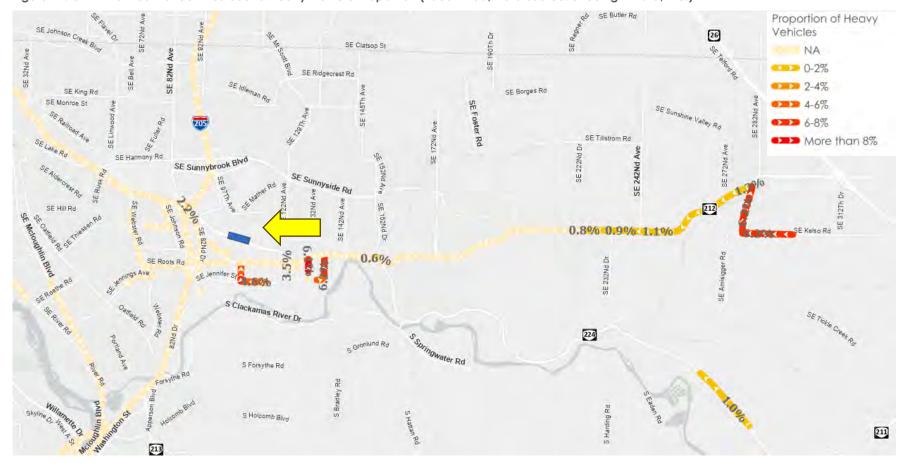


Figure 44. OR 212 at 106th Street Westbound Heavy Vehicle Proportion (Local Area; Data source: Streetlight Data, Inc.)

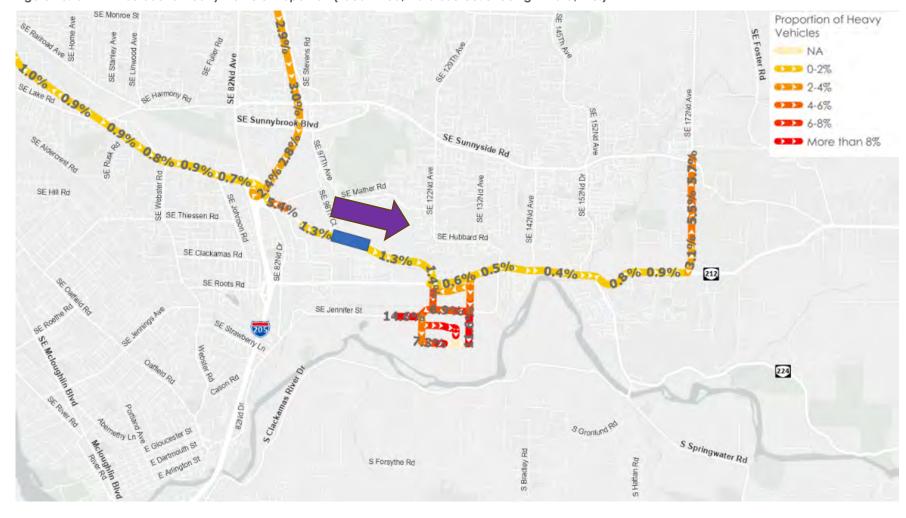


Figure 45. OR 224 Eastbound Heavy Vehicle Proportion (Local Area; Data source: Streetlight Data, Inc.)

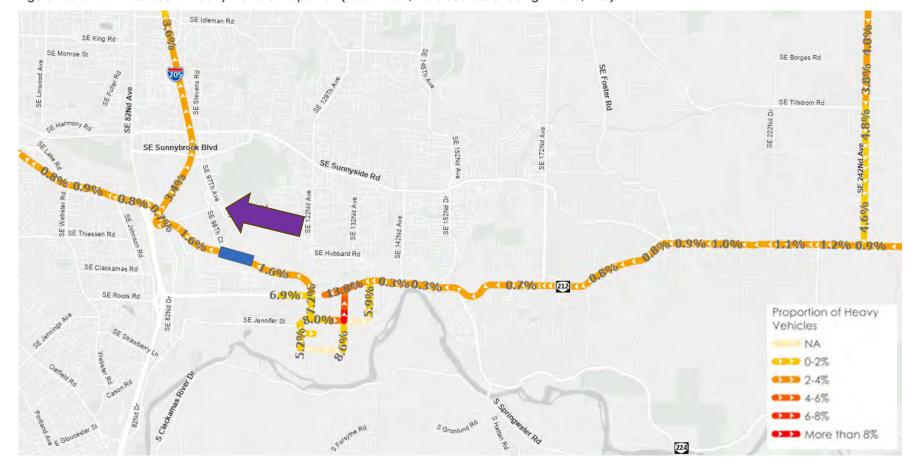


Figure 46. OR 224 Westbound Heavy Vehicle Proportion (Local Area; Data source: Streetlight Data, Inc.)

References

- 1. Oregon Department of Transportation. TDS Crash Reports. 2023.
- 2. Oregon Department of Transportation. *TransGIS*. 2023.
- 3. Clackamas County. Transit Development Plan. March 2021.
- 4. TriMet. Forward Together Revised Service Concept. December 2022.
- 5. Oregon Department of Transportation. Analysis Procedures Manual. September 2023.
- 6. Oregon Department of Transportation. Oregon Highway Plan. November 1999.

Appendix A

Crash Data

ACTION CODE TRANSLATION LIST

ACTION CODE	SHORT DESCRIPTION	LONG DESCRIPTION		
000	NONE	NO ACTION OR NON-WARRANTED		
001	SKIDDED	SKIDDED		
002	ON/OFF V	GETTING ON OR OFF STOPPED OR PARKED VEHICLE		
003	LOAD OVR	OVERHANGING LOAD STRUCK ANOTHER VEHICLE, ETC.		
006	SLOW DN	SLOWED DOWN		
007	AVOIDING	AVOIDING MANEUVER		
008	PAR PARK	PARALLEL PARKING		
009	ANG PARK	ANGLE PARKING		
010	INTERFERE	PASSENGER INTERFERING WITH DRIVER		
011	STOPPED	STOPPED IN TRAFFIC NOT WAITING TO MAKE A LEFT TURN		
012	STP/L TRN	STOPPED BECAUSE OF LEFT TURN SIGNAL OR WAITING, ETC.		
013	STP TURN	STOPPED WHILE EXECUTING A TURN		
014	EMR V PKD	EMERGENCY VEHICLE LEGALLY PARKED IN THE ROADWAY		
015	GO A/STOP	PROCEED AFTER STOPPING FOR A STOP SIGN/FLASHING RED.		
016	TRN A/RED	TURNED ON RED AFTER STOPPING		
017	LOSTCTRL	LOST CONTROL OF VEHICLE		
018	EXIT DWY	ENTERING STREET OR HIGHWAY FROM ALLEY OR DRIVEWAY		
019	ENTR DWY	ENTERING ALLEY OR DRIVEWAY FROM STREET OR HIGHWAY		
020	STR ENTR	BEFORE ENTERING ROADWAY, STRUCK PEDESTRIAN, ETC. ON SIDEWALK OR SHOULDER		
021	NO DRVR	CAR RAN AWAY - NO DRIVER		
022	PREV COL	STRUCK, OR WAS STRUCK BY, VEHICLE OR PEDESTRIAN IN PRIOR COLLISION BEFORE ACC. STABILIZED		
023	STALLED	VEHICLE STALLED OR DISABLED		
024	DRVR DEAD	DEAD BY UNASSOCIATED CAUSE		
025	FATIGUE	FATIGUED, SLEEPY, ASLEEP		
026	SUN	DRIVER BLINDED BY SUN		
027	HDLGHTS	DRIVER BLINDED BY HEADLIGHTS		
028	ILLNESS	PHYSICALLY ILL		
029	THRU MED	VEHICLE CROSSED, PLUNGED OVER, OR THROUGH MEDIAN BARRIER		
030	PURSUIT	PURSUING OR ATTEMPTING TO STOP A VEHICLE		
031	PASSING	PASSING SITUATION		
032	PRKOFFRD	VEHICLE PARKED BEYOND CURB OR SHOULDER		
033	CROS MED	VEHICLE CROSSED EARTH OR GRASS MEDIAN		
034	X N/SGNL	CROSSING AT INTERSECTION - NO TRAFFIC SIGNAL PRESENT		
035	X W/ SGNL	CROSSING AT INTERSECTION - TRAFFIC SIGNAL PRESENT		
036	DIAGONAL	CROSSING AT INTERSECTION - DIAGONALLY		
037	BTWN INT	CROSSING BETWEEN INTERSECTIONS		
038	DISTRACT	DRIVER'S ATTENTION DISTRACTED		
039	W/TRAF-S	WALKING, RUNNING, RIDING, ETC., ON SHOULDER WITH TRAFFIC		
040	A/TRAF-S	WALKING, RUNNING, RIDING, ETC., ON SHOULDER FACING TRAFFIC		
041	W/TRAF-P	WALKING, RUNNING, RIDING, ETC., ON PAVEMENT WITH TRAFFIC		
042	A/TRAF-P	WALKING, RUNNING, RIDING, ETC., ON PAVEMENT FACING TRAFFIC		
043 044	PLAYINRD	PLAYING IN STREET OR ROAD		
044	PUSH MV	PUSHING OR WORKING ON VEHICLE IN ROAD OR ON SHOULDER		
	WORK ON	WORKING IN ROADWAY OR ALONG SHOULDER		
046	W/ TRAFIC	NON-MOTORIST WALKING, RUNNING, RIDING, ETC. WITH TRAFFIC		
047 050	A/ TRAFIC	NON-MOTORIST WALKING, RUNNING, RIDING, ETC. FACING TRAFFIC		
050	LAY ON RD	STANDING OR LYING IN ROADWAY		
051	ENT OFFRD	ENTERING / STARTING IN TRAFFIC LANE FROM OFF ROAD		
055	MERGING SPRAY	MERGING BLINDED BY WATER SPRAY		

ACTION CODE TRANSLATION LIST

P	CTION	SHORT	
	CODE	DESCRIPTION	LONG DESCRIPTION
	088	OTHER	OTHER ACTION
	099	UNK	UNKNOWN ACTION

CAUSE CODE TRANSLATION LIST

CAUSE CODE	SHORT DESCRIPTION	LONG DESCRIPTION
00	NO CODE	NO CAUSE ASSOCIATED AT THIS LEVEL
01	TOO-FAST	TOO FAST FOR CONDITIONS (NOT EXCEED POSTED SPEED)
02	NO-YIELD	DID NOT YIELD RIGHT-OF-WAY
03	PAS-STOP	PASSED STOP SIGN OR RED FLASHER
04	DIS SIG	DISREGARDED TRAFFIC SIGNAL
05	LEFT-CTR	DROVE LEFT OF CENTER ON TWO-WAY ROAD; STRADDLING
06	IMP-OVER	IMPROPER OVERTAKING
07	TOO-CLOS	FOLLOWED TOO CLOSELY
08	IMP-TURN	MADE IMPROPER TURN
09	DRINKING	ALCOHOL OR DRUG INVOLVED
10	OTHR-IMP	OTHER IMPROPER DRIVING
11	MECH-DEF	MECHANICAL DEFECT
12	OTHER	OTHER (NOT IMPROPER DRIVING)
13	IMP LN C	IMPROPER CHANGE OF TRAFFIC LANES
14	DIS TCD	DISREGARDED OTHER TRAFFIC CONTROL DEVICE
15	WRNG WAY	WRONG WAY ON ONE-WAY ROAD; WRONG SIDE DIVIDED ROA
16	FATIGUE	DRIVER DROWSY/FATIGUED/SLEEPY
17	ILLNESS	PHYSICAL ILLNESS
18	IN RDWY	NON-MOTORIST ILLEGALLY IN ROADWAY
19	NT VISBL	NON-MOTORIST NOT VISIBLE; NON-REFLECTIVE CLOTHING
20	IMP PKNG	VEHICLE IMPROPERLY PARKED
21	DEF STER	DEFECTIVE STEERING MECHANISM
22	DEF BRKE	INADEQUATE OR NO BRAKES
24	LOADSHFT	VEHICLE LOST LOAD OR LOAD SHIFTED
25	TIREFAIL	TIRE FAILURE
26	PHANTOM	PHANTOM / NON-CONTACT VEHICLE
27	INATTENT	INATTENTION
28	NM INATT	NON-MOTORIST INATTENTION
29	F AVOID	FAILED TO AVOID VEHICLE AHEAD
30	SPEED	DRIVING IN EXCESS OF POSTED SPEED
31	RACING	SPEED RACING (PER PAR)
32	CARELESS	CARELESS DRIVING (PER PAR)
33	RECKLESS	RECKLESS DRIVING (PER PAR)
34	AGGRESV	AGGRESSIVE DRIVING (PER PAR)
35	RD RAGE	ROAD RAGE (PER PAR)
40	VIEW OBS	VIEW OBSCURED
50	USED MDN	IMPROPER USE OF MEDIAN OR SHOULDER
51	FAIL LN	FAILED TO MAINTAIN LANE
52	OFF RD	RAN OFF ROAD

COLLISION TYPE CODE TRANSLATION LIST

COLL	SHORT	
CODE	DESCRIPTION	LONG DESCRIPTION
&	OTH	MISCELLANEOUS
_	BACK	BACKING
0	PED	PEDESTRIAN
1	ANGL	ANGLE
2	HEAD	HEAD-ON
3	REAR	REAR-END
4	SS-M	SIDESWIPE - MEETING
5	SS-O	SIDESWIPE - OVERTAKING
6	TURN	TURNING MOVEMENT
7	PARK	PARKING MANEUVER
8	NCOL	NON-COLLISION
9	FIX	FIXED OBJECT OR OTHER OBJECT

CRASH TYPE CODE TRANSLATION LIST

CRASH TYPE	SHORT DESCRIPTION	LONG DESCRIPTION
&	OVERTURN	OVERTURNED
0	NON-COLL	OTHER NON-COLLISION
1	OTH RDWY	MOTOR VEHICLE ON OTHER ROADWAY
2	PRKD MV	PARKED MOTOR VEHICLE
3	PED	PEDESTRIAN
4	TRAIN	RAILWAY TRAIN
6	BIKE	PEDALCYCLIST
7	ANIMAL	ANIMAL
8	FIX OBJ	FIXED OBJECT
9	OTH OBJ	OTHER OBJECT
A	ANGL-STP	ENTERING AT ANGLE - ONE VEHICLE STOPPED
В	ANGL-OTH	ENTERING AT ANGLE - ALL OTHERS
С	S-STRGHT	FROM SAME DIRECTION - BOTH GOING STRAIGHT
D	S-1TURN	FROM SAME DIRECTION - ONE TURN, ONE STRAIGHT
E	S-1STOP	FROM SAME DIRECTION - ONE STOPPED
F	S-OTHER	FROM SAME DIRECTION-ALL OTHERS, INCLUDING PARKING
G	O-STRGHT	FROM OPPOSITE DIRECTION - BOTH GOING STRAIGHT
H	O-1 L-TURN	FROM OPPOSITE DIRECTION-ONE LEFT TURN, ONE STRAIGHT
I	O-1STOP	FROM OPPOSITE DIRECTION - ONE STOPPED
J	O-OTHER	FROM OPPOSITE DIRECTION-ALL OTHERS INCL. PARKING

DRIVER RESIDENCE CODE TRANSLATION LIST

LIC	SHORT		RES	SHORT	
CODE	DESC	LONG DESCRIPTION	CODE	DESC	LONG DESCRIPTION
0	NONE	NOT LICENSED (HAD NEVER BEEN LICENSED)	1	OR<25	OREGON RESIDENT WITHIN 25 MILE OF HOME
ĺ	OR-Y	VALID OREGON LICENSE	2	OR>25	OREGON RESIDENT 25 OR MORE MILES FROM HOME
2	OTH-Y	VALID LICENSE, OTHER STATE OR COUNTRY	3	OR-?	OREGON RESIDENT - UNKNOWN DISTANCE FROM HOME
3	SUSP	SUSPENDED/REVOKED	4	N-RES	NON-RESIDENT
4	EXP	EXPIRED	9	UNK	UNKNOWN IF OREGON RESIDENT
8	N-VAL	OTHER NON-VALID LICENSE			

ERROR CODE TRANSLATION LIST

UNKNOWN IF DRIVER WAS LICENSED AT TIME OF CRASH

UNK

ERROR	SHORT	
CODE	DESCRIPTION	FULL DESCRIPTION
000	NONE	NO ERROR
001	WIDE TRN	WIDE TURN
002	CUT CORN	CUT CORNER ON TURN
003	FAIL TRN	FAILED TO OBEY MANDATORY TRAFFIC TURN SIGNAL, SIGN OR LANE MARKINGS
004	L IN TRF	LEFT TURN IN FRONT OF ONCOMING TRAFFIC
005	L PROHIB	LEFT TURN WHERE PROHIBITED
006	FRM WRNG	TURNED FROM WRONG LANE
007	TO WRONG	TURNED INTO WRONG LANE
008	ILLEG U	U-TURNED ILLEGALLY
009	IMP STOP	IMPROPERLY STOPPED IN TRAFFIC LANE
010	IMP SIG	IMPROPER SIGNAL OR FAILURE TO SIGNAL
011	IMP BACK	BACKING IMPROPERLY (NOT PARKING)
012	IMP PARK	IMPROPERLY PARKED
013	UNPARK	IMPROPER START LEAVING PARKED POSITION
014	IMP STRT	IMPROPER START FROM STOPPED POSITION
015	IMP LGHT	IMPROPER OR NO LIGHTS (VEHICLE IN TRAFFIC)
016	INATTENT	INATTENTION (FAILURE TO DIM LIGHTS PRIOR TO 4/1/97)
017	UNSF VEH	DRIVING UNSAFE VEHICLE (NO OTHER ERROR APPARENT)
018	OTH PARK	ENTERING/EXITING PARKED POSITION W/ INSUFFICIENT CLEARANCE; OTHER IMPROPER PARKING MANEUVER
019	DIS DRIV	DISREGARDED OTHER DRIVER'S SIGNAL
020	DIS SGNL	DISREGARDED TRAFFIC SIGNAL
021	RAN STOP	DISREGARDED STOP SIGN OR FLASHING RED
022	DIS SIGN	DISREGARDED WARNING SIGN, FLARES OR FLASHING AMBER
023	DIS OFCR	DISREGARDED POLICE OFFICER OR FLAGMAN
024	DIS EMER	DISREGARDED SIREN OR WARNING OF EMERGENCY VEHICLE
025	DIS RR	DISREGARDED RR SIGNAL, RR SIGN, OR RR FLAGMAN
026	REAR-END	FAILED TO AVOID STOPPED OR PARKED VEHICLE AHEAD OTHER THAN SCHOOL BUS
027	BIKE ROW	DID NOT HAVE RIGHT-OF-WAY OVER PEDALCYCLIST
028	NO ROW	DID NOT HAVE RIGHT-OF-WAY
029	PED ROW	FAILED TO YIELD RIGHT-OF-WAY TO PEDESTRIAN
030	PAS CURV	PASSING ON A CURVE
031	PAS WRNG	PASSING ON THE WRONG SIDE
032	PAS TANG	PASSING ON STRAIGHT ROAD UNDER UNSAFE CONDITIONS
033	PAS X-WK	PASSED VEHICLE STOPPED AT CROSSWALK FOR PEDESTRIAN
034	PAS INTR	PASSING AT INTERSECTION
035	PAS HILL	PASSING ON CREST OF HILL
036	N/PAS ZN	PASSING IN "NO PASSING" ZONE
037	PAS TRAF	PASSING IN FRONT OF ONCOMING TRAFFIC
038	CUT-IN	CUTTING IN (TWO LANES - TWO WAY ONLY)
039	WRNGSIDE	DRIVING ON WRONG SIDE OF THE ROAD (2-WAY UNDIVIDED ROADWAYS)
040	THRU MED	DRIVING THROUGH SAFETY ZONE OR OVER ISLAND
041	F/ST BUS	FAILED TO STOP FOR SCHOOL BUS

ERROR CODE TRANSLATION LIST

ERROR	SHORT	
CODE	DESCRIPTION	FULL DESCRIPTION
042	F/SLO MV	FAILED TO DECREASE SPEED FOR SLOWER MOVING VEHICLE
043	TOO CLOSE	FOLLOWING TOO CLOSELY (MUST BE ON OFFICER'S REPORT)
044	STRDL LN	STRADDLING OR DRIVING ON WRONG LANES
045	IMP CHG	IMPROPER CHANGE OF TRAFFIC LANES
046	WRNG WAY	WRONG WAY ON ONE-WAY ROADWAY; WRONG SIDE DIVIDED ROAD
047	BASCRULE	DRIVING TOO FAST FOR CONDITIONS (NOT EXCEEDING POSTED SPEED)
048	OPN DOOR	OPENED DOOR INTO ADJACENT TRAFFIC LANE
049	IMPEDING	IMPEDING TRAFFIC
050	SPEED	DRIVING IN EXCESS OF POSTED SPEED
051	RECKLESS	RECKLESS DRIVING (PER PAR)
052	CARELESS	CARELESS DRIVING (PER PAR)
053	RACING	SPEED RACING (PER PAR)
054	X N/SGNL	CROSSING AT INTERSECTION, NO TRAFFIC SIGNAL PRESENT
055	X W/SGNL	CROSSING AT INTERSECTION, TRAFFIC SIGNAL PRESENT
056	DIAGONAL	CROSSING AT INTERSECTION - DIAGONALLY
057	BTWN INT	CROSSING BETWEEN INTERSECTIONS
059	W/TRAF-S	WALKING, RUNNING, RIDING, ETC., ON SHOULDER WITH TRAFFIC
060	A/TRAF-S	WALKING, RUNNING, RIDING, ETC., ON SHOULDER FACING TRAFFIC
061	W/TRAF-P	WALKING, RUNNING, RIDING, ETC., ON PAVEMENT WITH TRAFFIC
062	A/TRAF-P	WALKING, RUNNING, RIDING, ETC., ON PAVEMENT FACING TRAFFIC
063	PLAYINRD	PLAYING IN STREET OR ROAD
064	PUSH MV	PUSHING OR WORKING ON VEHICLE IN ROAD OR ON SHOULDER
065	WORK IN RD	WORKING IN ROADWAY OR ALONG SHOULDER
070	LAY ON RD	STANDING OR LYING IN ROADWAY
071	NM IMP USE	IMPROPER USE OF TRAFFIC LANE BY NON-MOTORIST
073	ELUDING	ELUDING / ATTEMPT TO ELUDE
079	F NEG CURV	FAILED TO NEGOTIATE A CURVE
080	FAIL LN	FAILED TO MAINTAIN LANE
081	OFF RD	RAN OFF ROAD
082	NO CLEAR	DRIVER MISJUDGED CLEARANCE
083	OVRSTEER	OVER-CORRECTING
084	NOT USED	CODE NOT IN USE
085	OVRLOAD	OVERLOADING OR IMPROPER LOADING OF VEHICLE WITH CARGO OR PASSENGERS
097	UNA DIS TC	UNABLE TO DETERMINE WHICH DRIVER DISREGARDED TRAFFIC CONTROL DEVICE

EVENT CODE TRANSLATION LIST

CODE	DESCRIPTION	LONG DESCRIPTION
001	FEL/JUMP	OCCUPANT FELL, JUMPED OR WAS EJECTED FROM MOVING VEHICLE
002	INTERFER	PASSENGER INTERFERED WITH DRIVER
003	BUG INTF	ANIMAL OR INSECT IN VEHICLE INTERFERED WITH DRIVER
004	INDRCT PED	PEDESTRIAN INDIRECTLY INVOLVED (NOT STRUCK)
005	SUB-PED	"SUB-PED": PEDESTRIAN INJURED SUBSEQUENT TO COLLISION, ETC.
006 007	INDRCT BIK	PEDALCYCLIST INDIRECTLY INVOLVED (NOT STRUCK)
007	HITCHIKR PSNGR TOW	HITCHHIKER (SOLICITING A RIDE) PASSENGER OR NON-MOTORIST BEING TOWED OR PUSHED ON CONVEYANCE
009	ON/OFF V	GETTING ON/OFF STOPPED/PARKED VEHICLE (OCCUPANTS ONLY; MUST HAVE PHYSICAL CONTACT W/ VEHIC
010	SUB OTRN	OVERTURNED AFTER FIRST HARMFUL EVENT
011	MV PUSHD	VEHICLE BEING PUSHED
012	MV TOWED	VEHICLE TOWED OR HAD BEEN TOWING ANOTHER VEHICLE
013	FORCED	VEHICLE FORCED BY IMPACT INTO ANOTHER VEHICLE, PEDALCYCLIST OR PEDESTRIAN
014	SET MOTN	VEHICLE SET IN MOTION BY NON-DRIVER (CHILD RELEASED BRAKES, ETC.)
015	RR ROW	AT OR ON RAILROAD RIGHT-OF-WAY (NOT LIGHT RAIL)
016	LT RL ROW	AT OR ON LIGHT-RAIL RIGHT-OF-WAY
017	RR HIT V	TRAIN STRUCK VEHICLE
018 019	V HIT RR HIT RR CAR	VEHICLE STRUCK TRAIN VEHICLE STRUCK RAILROAD CAR ON ROADWAY
020	JACKNIFE	JACKKNIFE; TRAILER OR TOWED VEHICLE STRUCK TOWING VEHICLE
021	TRL OTRN	TRAILER OR TOWED VEHICLE OVERTURNED
022	CN BROKE	TRAILER CONNECTION BROKE
023	DETACH TRL	DETACHED TRAILING OBJECT STRUCK OTHER VEHICLE, NON-MOTORIST, OR OBJECT
024	V DOOR OPN	VEHICLE DOOR OPENED INTO ADJACENT TRAFFIC LANE
025	WHEELOFF	WHEEL CAME OFF
026	HOOD UP	HOOD FLEW UP
028	LOAD SHIFT	LOST LOAD, LOAD MOVED OR SHIFTED
029	TIREFAIL	TIRE FAILURE
030 031	PET LVSTOCK	PET: CAT, DOG AND SIMILAR STOCK: COW, CALF, BULL, STEER, SHEEP, ETC.
031	HORSE	HORSE, MULE, OR DONKEY
033	HRSE&RID	HORSE AND RIDER
034	GAME	WILD ANIMAL, GAME (INCLUDES BIRDS; NOT DEER OR ELK)
035	DEER ELK	DEER OR ELK, WAPITI
036	ANML VEH	ANIMAL-DRAWN VEHICLE
037	CULVERT	CULVERT, OPEN LOW OR HIGH MANHOLE
038	ATENUATN	IMPACT ATTENUATOR
039	PK METER	PARKING METER
040 041	CURB	CURB (ALSO NARROW SIDEWALKS ON BRIDGES)
041	JIGGLE GDRL END	JIGGLE BAR OR TRAFFIC SNAKE FOR CHANNELIZATION LEADING EDGE OF GUARDRAIL
042	GARDRAIL	GUARD RAIL (NOT METAL MEDIAN BARRIER)
044	BARRIER	MEDIAN BARRIER (RAISED OR METAL)
045	WALL	RETAINING WALL OR TUNNEL WALL
046	BR RAIL	BRIDGE RAILING OR PARAPET (ON BRIDGE OR APPROACH)
047	BR ABUTMNT	BRIDGE ABUTMENT (INCLUDED "APPROACH END" THRU 2013)
048	BR COLMN	BRIDGE PILLAR OR COLUMN
049	BR GIRDR	BRIDGE GIRDER (HORIZONTAL BRIDGE STRUCTURE OVERHEAD)
050	ISLAND	TRAFFIC RAISED ISLAND
051 052	GORE POLE UNK	GORE POLE - TYPE UNKNOWN
052	POLE UTL	POLE - TIPE UNKNOWN POLE - POWER OR TELEPHONE
054	ST LIGHT	POLE - STREET LIGHT ONLY
055	TRF SGNL	POLE - TRAFFIC SIGNAL AND PED SIGNAL ONLY
056	SGN BRDG	POLE - SIGN BRIDGE
057	STOPSIGN	STOP OR YIELD SIGN
058	OTH SIGN	OTHER SIGN, INCLUDING STREET SIGNS
059	HYDRANT	HYDRANT

EVENT CODE TRANSLATION LIST

EVENT	SHORT			
CODE	DESCRIPTION	LONG DESCRIPTION		
060	MARKER	DELINEATOR OR MARKER (REFLECTOR POSTS)		
061	MAILBOX	MAILBOX		
062	TREE	TREE, STUMP OR SHRUBS		
063	VEG OHED	TREE BRANCH OR OTHER VEGETATION OVERHEAD, ETC.		
064	WIRE/CBL	WIRE OR CABLE ACROSS OR OVER THE ROAD		
065	TEMP SGN	TEMPORARY SIGN OR BARRICADE IN ROAD, ETC.		
066	PERM SGN	PERMANENT SIGN OR BARRICADE IN/OFF ROAD		
067	SLIDE	SLIDES, FALLEN OR FALLING ROCKS		
068	FRGN OBJ	FOREIGN OBSTRUCTION/DEBRIS IN ROAD (NOT GRAVEL)		
069	EQP WORK	EQUIPMENT WORKING IN/OFF ROAD		
070	OTH EQP	OTHER EQUIPMENT IN OR OFF ROAD (INCLUDES PARKED TRAILER, BOAT)		
071	MAIN EQP	· · · · · · · · · · · · · · · · · · ·		
072	OTHER WALL	ROCK, BRICK OR OTHER SOLID WALL		
073 074	IRRGL PVMT	OTHER BUMP (NOT SPEED BUMP), POTHOLE OR PAVEMENT IRREGULARITY (PER PAR) OTHER OVERHEAD OBJECT (HIGHWAY SIGN, SIGNAL HEAD, ETC.); NOT BRIDGE		
074	OVERHD OBJ CAVE IN	BRIDGE OR ROAD CAVE IN		
075	HI WATER	HIGH WATER		
077	SNO BANK	SNOW BANK		
078		LOW OR HIGH SHOULDER AT PAVEMENT EDGE		
079	DITCH	CUT SLOPE OR DITCH EMBANKMENT		
080		STRUCK BY ROCK OR OTHER OBJECT SET IN MOTION BY OTHER VEHICLE (INCL. LOST LOADS)		
081	FLY-OBJ	STRUCK BY ROCK OR OTHER MOVING OR FLYING OBJECT (NOT SET IN MOTION BY VEHICLE)		
082	VEH HID	VEHICLE OBSCURED VIEW		
083	VEG HID	VEGETATION OBSCURED VIEW		
084	BLDG HID	VIEW OBSCURED BY FENCE, SIGN, PHONE BOOTH, ETC.		
085	WIND GUST	WIND GUST		
086	IMMERSED	VEHICLE IMMERSED IN BODY OF WATER		
087	FIRE/EXP	FIRE OR EXPLOSION		
088	FENC/BLD	FENCE OR BUILDING, ETC.		
089		CRASH RELATED TO ANOTHER SEPARATE CRASH		
090	TO 1 SIDE	TWO-WAY TRAFFIC ON DIVIDED ROADWAY ALL ROUTED TO ONE SIDE		
091 092	BUILDING PHANTOM	BUILDING OR OTHER STRUCTURE OTHER (PHANTOM) NON-CONTACT VEHICLE		
093	CELL PHONE	CELL PHONE (ON PAR OR DRIVER IN USE)		
094	VIOL GDL	TEENAGE DRIVER IN VIOLATION OF GRADUATED LICENSE PGM		
095	GUY WIRE	GUY WIRE		
096	BERM	BERM (EARTHEN OR GRAVEL MOUND)		
097	GRAVEL	GRAVEL IN ROADWAY		
098	ABR EDGE	ABRUPT EDGE		
099	CELL WTNSD	CELL PHONE USE WITNESSED BY OTHER PARTICIPANT		
100	UNK FIXD	FIXED OBJECT, UNKNOWN TYPE.		
101	OTHER OBJ	NON-FIXED OBJECT, OTHER OR UNKNOWN TYPE		
102	TEXTING	TEXTING		
103	WZ WORKER	WORK ZONE WORKER		
104	ON VEHICLE	PASSENGER RIDING ON VEHICLE EXTERIOR		
105	PEDAL PSGR	PASSENGER RIDING ON PEDALCYCLE		
106	MAN WHLCHR	PEDESTRIAN IN NON-MOTORIZED WHEELCHAIR		
107	MTR WHLCHR	PEDESTRIAN IN MOTORIZED WHEELCHAIR		
108 109	OFFICER SUB-BIKE	LAW ENFORCEMENT / POLICE OFFICER "SUB-BIKE": PEDALCYCLIST INJURED SUBSEQUENT TO COLLISION, ETC.		
110	N-MTR	NON-MOTORIST STRUCK VEHICLE		
111	S CAR VS V	STREET CAR/TROLLEY (ON RAILS OR OVERHEAD WIRE SYSTEM) STRUCK VEHICLE		
112	V VS S CAR	VEHICLE STRUCK STREET CAR/TROLLEY (ON RAILS OR OVERHEAD WIRE SYSTEM)		
113	S CAR ROW	AT OR ON STREET CAR OR TROLLEY RIGHT-OF-WAY		
114	RR EQUIP	VEHICLE STRUCK RAILROAD EQUIPMENT (NOT TRAIN) ON TRACKS		
115	DSTRCT GPS	DISTRACTED BY NAVIGATION SYSTEM OR GPS DEVICE		
116	DSTRCT OTH	DISTRACTED BY OTHER ELECTRONIC DEVICE		
117	RR GATE	RAIL CROSSING DROP-ARM GATE		

EVENT CODE TRANSLATION LIST

EVENT CODE	SHORT DESCRIPTION	LONG DESCRIPTION
118	EXPNSN JNT	EXPANSION JOINT
119	JERSEY BAR	JERSEY BARRIER
120	WIRE BAR	WIRE OR CABLE MEDIAN BARRIER
121	FENCE	FENCE
123	OBJ IN VEH	LOOSE OBJECT IN VEHICLE STRUCK OCCUPANT
124	SLIPPERY	SLIDING OR SWERVING DUE TO WET, ICY, SLIPPERY OR LOOSE SURFACE (NOT GRAVEL)
125	SHLDR	SHOULDER GAVE WAY
126	BOULDER	ROCK(S), BOULDER (NOT GRAVEL; NOT ROCK SLIDE)
127	LAND SLIDE	ROCK SLIDE OR LAND SLIDE
128	CURVE INV	CURVE PRESENT AT CRASH LOCATION
129	HILL INV	VERTICAL GRADE / HILL PRESENT AT CRASH LOCATION
130	CURVE HID	VIEW OBSCURED BY CURVE
131	HILL HID	VIEW OBSCURED BY VERTICAL GRADE / HILL
132	WINDOW HID	VIEW OBSCURED BY VEHICLE WINDOW CONDITIONS
133	SPRAY HID	VIEW OBSCURED BY WATER SPRAY
134	TORRENTIAL	TORRENTIAL RAIN (EXCEPTIONALLY HEAVY RAIN)

FUNCTIONAL CLASSIFICATION TRANSLATION LIST

FUNC CLASS	DESCRIPTION
01	RURAL PRINCIPAL ARTERIAL - INTERSTATE
02	RURAL PRINCIPAL ARTERIAL - OTHER
06	RURAL MINOR ARTERIAL
07	RURAL MAJOR COLLECTOR
08	RURAL MINOR COLLECTOR
09	RURAL LOCAL
11	URBAN PRINCIPAL ARTERIAL - INTERSTATE
12	URBAN PRINCIPAL ARTERIAL - OTHER FREEWAYS AND EXP
14	URBAN PRINCIPAL ARTERIAL - OTHER
16	URBAN MINOR ARTERIAL
17	URBAN MAJOR COLLECTOR
18	URBAN MINOR COLLECTOR
19	URBAN LOCAL
78	UNKNOWN RURAL SYSTEM
79	UNKNOWN RURAL NON-SYSTEM
98	UNKNOWN URBAN SYSTEM
99	UNKNOWN URBAN NON-SYSTEM

INJURY SEVERITY CODE TRANSLATION LIST

SHORT

	DIIOILI	
CODE	DESC	LONG DESCRIPTION
1	KILL	FATAL INJURY
2	INJA	INCAPACITATING INJURY - BLEEDING, BROKEN BONES
3	INJB	NON-INCAPACITATING INJURY
4	INJC	POSSIBLE INJURY - COMPLAINT OF PAIN
5	PRI	DIED PRIOR TO CRASH
7	NO<5	NO INJURY - 0 TO 4 YEARS OF AGE
9	NONE	PARTICIPANT UNINJURED, OVER THE AGE OF 4

MEDIAN TYPE CODE TRANSLATION LIST

	SHORT	
CODE	DESC	LONG DESCRIPTION
0	NONE	NO MEDIAN
1	RSDMD	SOLID MEDIAN BARRIER
2	DIVMD	EARTH, GRASS OR PAVED MEDIAN

HIGHWAY COMPONENT TRANSLATION LIST

CODE	DESCRIPTION			
0	MAINLINE STATE HIGHWAY			
1	COUPLET			
3	FRONTAGE ROAD			
6	CONNECTION			
8	HIGHWAY - OTHER			

LIGHT CONDITION CODE TRANSLATION LIST

SHORT

_	CODE	DESC	LONG DESCRIPTION
	0	UNK	UNKNOWN
	1	DAY	DAYLIGHT
	2	DLIT	DARKNESS - WITH STREET LIGHTS
	3	DARK	DARKNESS - NO STREET LIGHTS
	4	DAWN	DAWN (TWILIGHT)
	5	DUSK	DUSK (TWILIGHT)

MILEAGE TYPE CODE TRANSLATION LIST

CODE	LONG DESCRIPTION
0	REGULAR MILEAGE
Т	TEMPORARY
Y	SPUR
Z	OVERLAPPING

MOVEMENT TYPE CODE TRANSLATION LIST

SHORT

CODE	DESC	LONG DESCRIPTION
0	UNK	UNKNOWN
1	STRGHT	STRAIGHT AHEAD
2	TURN-R	TURNING RIGHT
3	TURN-L	TURNING LEFT
4	U-TURN	MAKING A U-TURN
5	BACK	BACKING
6	STOP	STOPPED IN TRAFFIC
7	PRKD-P	PARKED - PROPERLY
8	PRKD-I	PARKED - IMPROPERLY
9	PARKNG	PARKING MANEUVER

NON-MOTORIST LOCATION CODE TRANSLATION LIST

CODE	LONG DESCRIPTION
0.0	AT INTERSECTION - NOT IN ROADWAY
01	AT INTERSECTION - INSIDE CROSSWALK
02	AT INTERSECTION - IN ROADWAY, OUTSIDE CROSSWALK
03	AT INTERSECTION - IN ROADWAY, XWALK AVAIL UNKNWN
04	NOT AT INTERSECTION - IN ROADWAY
0.5	NOT AT INTERSECTION - ON SHOULDER
06	NOT AT INTERSECTION - ON MEDIAN
07	NOT AT INTERSECTION - WITHIN TRAFFIC RIGHT-OF-WAY
8 0	NOT AT INTERSECTION - IN BIKE PATH OR PARKING LANE
09	NOT-AT INTERSECTION - ON SIDEWALK
10	OUTSIDE TRAFFICWAY BOUNDARIES
13	AT INTERSECTION - IN BIKE LANE
14	NOT AT INTERSECTION - IN BIKE LANE
15	NOT AT INTERSECTION - INSIDE MID-BLOCK CROSSWALK
16	NOT AT INTERSECTION - IN PARKING LANE
18	OTHER, NOT IN ROADWAY
99	UNKNOWN LOCATION

ROAD CHARACTER CODE TRANSLATION LIST

SHORT

CODE	DESC	LONG DESCRIPTION
0	UNK	UNKNOWN
1	INTER	INTERSECTION
2	ALLEY	DRIVEWAY OR ALLEY
3	STRGHT	STRAIGHT ROADWAY
4	TRANS	TRANSITION
5	CURVE	CURVE (HORIZONTAL CURVE)
6	OPENAC	OPEN ACCESS OR TURNOUT
7	GRADE	GRADE (VERTICAL CURVE)
8	BRIDGE	BRIDGE STRUCTURE
9	TUNNEL	TUNNEL

PARTICIPANT TYPE CODE TRANSLATION LIST

SHORT

CODE	DESC	LONG DESCRIPTION
0	occ	UNKNOWN OCCUPANT TYPE
1	DRVR	DRIVER
2	PSNG	PASSENGER
3	PED	PEDESTRIAN
4	CONV	PEDESTRIAN USING A PEDESTRIAN CONVEYA
5	PTOW	PEDESTRIAN TOWING OR TRAILERING AN OB-
6	BIKE	PEDALCYCLIST
7	BTOW	PEDALCYCLIST TOWING OR TRAILERING AN
8	PRKD	OCCUPANT OF A PARKED MOTOR VEHICLE
9	UNK	UNKNOWN TYPE OF NON-MOTORIST

TRAFFIC CONTROL DEVICE CODE TRANSLATION LIST

CODE	SHORT DESC	LONG DESCRIPTION
000	NONE	NO CONTROL
001	TRF SIGNAL	TRAFFIC SIGNALS
002	FLASHBCN-R	FLASHING BEACON - RED (STOP)
003	FLASHBCN-A	FLASHING BEACON - AMBER (SLOW)
004	STOP SIGN	STOP SIGN
005	SLOW SIGN	SLOW SIGN
006	REG-SIGN	REGULATORY SIGN
007	YIELD	YIELD SIGN
800	WARNING	WARNING SIGN
009	CURVE	CURVE SIGN
010	SCHL X-ING	SCHOOL CROSSING SIGN OR SPECIAL SIGNAL
011	OFCR/FLAG	POLICE OFFICER, FLAGMAN - SCHOOL PATROL
012	BRDG-GATE	BRIDGE GATE - BARRIER
013	TEMP-BARR	TEMPORARY BARRIER
014	NO-PASS-ZN	NO PASSING ZONE
015	ONE-WAY	ONE-WAY STREET
016	CHANNEL	CHANNELIZATION
017	MEDIAN BAR	MEDIAN BARRIER
018	PILOT CAR	PILOT CAR
019	SP PED SIG	SPECIAL PEDESTRIAN SIGNAL
020	X-BUCK	CROSSBUCK
021	THR-GN-SIG	THROUGH GREEN ARROW OR SIGNAL
022	L-GRN-SIG	LEFT TURN GREEN ARROW, LANE MARKINGS, OR SIGNAL
023	R-GRN-SIG	RIGHT TURN GREEN ARROW, LANE MARKINGS, OR SIGNAL
024	WIGWAG	WIGWAG OR FLASHING LIGHTS W/O DROP-ARM GATE
025	X-BUCK WRN	CROSSBUCK AND ADVANCE WARNING
026	WW W/ GATE	FLASHING LIGHTS WITH DROP-ARM GATES
027	OVRHD SGNL	SUPPLEMENTAL OVERHEAD SIGNAL (RR XING ONLY)
028	SP RR STOP	SPECIAL RR STOP SIGN
029	ILUM GRD X	ILLUMINATED GRADE CROSSING
037	RAMP METER	METERED RAMPS
038	RUMBLE STR	RUMBLE STRIP
090	L-TURN REF	LEFT TURN REFUGE (WHEN REFUGE IS INVOLVED)
091	R-TURN ALL	RIGHT TURN AT ALL TIMES SIGN, ETC.
092	EMR SGN/FL	EMERGENCY SIGNS OR FLARES
093	ACCEL LANE	ACCELERATION OR DECELERATION LANES
094	R-TURN PRO	RIGHT TURN PROHIBITED ON RED AFTER STOPPING
095	BUS STPSGN	BUS STOP SIGN AND RED LIGHTS
099	UNKNOWN	UNKNOWN OR NOT DEFINITE

VEHICLE TYPE CODE TRANSLATION LIST

CODE	SHORT DESC	LONG DESCRIPTION
00	PDO	NOT COLLECTED FOR PDO CRASHES
01	PSNGR CAR	PASSENGER CAR, PICKUP, LIGHT DELIVERY, ETC.
02	BOBTAIL	TRUCK TRACTOR WITH NO TRAILERS (BOBTAIL)
03	FARM TRCTR	FARM TRACTOR OR SELF-PROPELLED FARM EQUIPMENT
04	SEMI TOW	TRUCK TRACTOR WITH TRAILER/MOBILE HOME IN TOW
05	TRUCK	TRUCK WITH NON-DETACHABLE BED, PANEL, ETC.
06	MOPED	MOPED, MINIBIKE, SEATED MOTOR SCOOTER, MOTOR BIKE
07	SCHL BUS	SCHOOL BUS (INCLUDES VAN)
08	OTH BUS	OTHER BUS
09	MTRCYCLE	MOTORCYCLE, DIRT BIKE
10	OTHER	OTHER: FORKLIFT, BACKHOE, ETC.
11	MOTRHOME	MOTORHOME
12	TROLLEY	MOTORIZED STREET CAR/TROLLEY (NO RAILS/WIRES)
13	ATV	ATV
14	MTRSCTR	MOTORIZED SCOOTER (STANDING)
15	SNOWMOBILE	SNOWMOBILE
99	UNKNOWN	UNKNOWN VEHICLE TYPE

WEATHER CONDITION CODE TRANSLATION LIST

CODE	SHORT DESC	LONG DESCRIPTION
0	UNK	UNKNOWN
1	CLR	CLEAR
2	CLD	CLOUDY
3	RAIN	RAIN
4	SLT	SLEET
5	FOG	FOG
6	SNOW	SNOW
7	DUST	DUST
8	SMOK	SMOKE
9	ASH	ASH

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

075: SUNRISE EXPRESSWAY Highway 075 ALL ROAD TYPES, MP 4.11 to 6.26 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

1 - 4 of 85 Crash records shown.

S D M																					
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE											
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				А	S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	e i	NJ	G	E I	LICNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	E S	VRTY	E	X F	RES	LOC	ERROR	ACT EVENT	CAUSE
01381 N N N N	04/30/2019	CLACKAMAS	1 12	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 9	STRGHT										29
NONE	TU		MN 0	E		TRF SIGNAL	N	DRY	REAR	N/A	E -W									000	00
N	7A	PORTLAND UA	4.11	06	1		N	DAY	PDO	PSNGR CAR		01 DRVR	S N	ONE	00				000	000	00
N	45 25 17.64	-122 34 28.42	007500100S00							0.0 170177	a====					Ţ	JNK				
										02 NONE 9 N/A	STOP E -W									011	00
										PSNGR CAR	F -M	01 DRVR	S N	ONE	0.0	IJnk I	INK		000	000	00
										I DIVOR CITIC		OI DICVIC		OIVE	00		JNK		000	000	0.0
02486 N N N N	06/23/2017	CLACKAMAS	1 12	INTER	CROSS	N	N	CLR	ANGL-STP	01 NONE 9	STRGHT									029,08	30 10
NONE	FR	02210111110	MN 0	SE	GILODD	TRF SIGNAL	N	DRY	OTH	N/A	SW-NE									006	00
N	11A	PORTLAND UA	4.11	06	2		N	DAY	PDO	PSNGR CAR		01 DRVR	R N	ONE	00	Unk (JNK		000	000	00
N	45 25 17.64	-122 34 28.42	007500100S00													Ţ	JNK				
										02 NONE 9	STOP										
										N/A	SE-NW									011	00
										PSNGR CAR		01 DRVR	S N	ONE	00				000	000	00
																	JNK				
04462 N N N N N		CLACKAMAS	1 12	INTER	CROSS	N	N	RAIN	ANGL-OTH		TURN-L										04
COUNTY	WE 8A	DODEL AND 114	MN 0	CN 01	1	TRF SIGNAL	N	WET	TURN	PRVTE	S -W	01 DDIT		NITO	27	м (ND 37		000	000	00 00
N N	45 25 17.64	PORTLAND UA -122 34 28.43	4.11 007500100S00	OI	1		N	DAY	INJ	PSNGR CAR		01 DRVR	ζ Ι	NJC	3 /)R-1)R<25		000	000	00
IV	45 25 17.04	-122 34 20.43	00/300100300							01 NONE 0	TURN-L)I(\ZJ				
										PRVTE	S -W									000	00
										PSNGR CAR		02 PSNG	3 I	NJC	12	F			000	000	00
										01 NONE 0	TURN-L									000	0.0
										PRVTE PSNGR CAR	S-W	03 PSNG	2 т	NLTC	13	F			000	000	00 00
										FSNGR CAR		UJ FBNG	3 1	INUC	13	Ľ			000	000	00
										02 NONE 0	STRGHT										
										PRVTE	E -W									000	00
										PSNGR CAR		01 DRVR	S I	NJC	63	F C	DR-Y		020	000	04
																	OR<25				
01666 N N N N N	N 06/26/2020	CLACKAMAS	1 12	INTER	CROSS	N	N	CLR	O-1 L-TUF	RN 01 NONE 0	STRGHT										27,04
STATE	FR		MN 0	CN		TRF SIGNAL	N	DRY	TURN	PRVTE	NE-SW									000	00
N	10P	PORTLAND UA	4.11	01	1		N	DLIT	INJ	PSNGR CAR		01 DRVR	S I	NJC	52				020	038	27,04
N	45 25 17.63	-122 34 28.4	007500100S00							0.0 110177	m					C	OR<25				
										02 NONE 0 PRVTE	TURN-L SW-NW									000	00
										PRVIE PSNGR CAR	2M-IM	01 DRVR	? Т	NJC	33	F (DR-Y		000	000	00
										2 22.011 62111		J_ DICVIC			33)R<25				
										02 NONE 0	TURN-L										
										PRVTE	SW-NW									000	00
										PSNGR CAR		02 PSNG	3 I	NJA	13	M			000	000	00
										02 NONE 0	TURN-L									000	0.0
										PRVTE PSNGR CAR	SW-NW	03 PSNG	<u> </u>	N.T.C	1 2	м			000	000	00 00
										I DINGIC CAR		OJ FDING	, 1	- VO C	12	1-1			000	000	00

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

075: SUNRISE EXPRESSWAY

Highway 075 ALL ROAD TYPES, MP 4.11 to 6.26 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

5 - 9 of 85 Crash records shown.

S D M																					
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE]				SPCL USE											
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				А	S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	IN	J	G	E LIC	CNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SV	RTY				LOC	ERROR	ACT EVENT	CAUSE
02496 N N N N	07/18/2018	CLACKAMAS	1 12	INTER	CROSS	N	N	CLR	0-1 L-TUR	N 01 NONE 9	STRGHT										02,08
NONE	WE		MN 0	CN		TRF SIGNAL	N	DRY	TURN	N/A	E -W									000	00
N	11A	PORTLAND UA	4.11	02	1		N	DAY	PDO	PSNGR CAR		01 DRVR	NO	NE	00	Jnk UNK	ζ		000	000	00
N	45 25 17.64	-122 34 28.42	007500100S00													UNK	7				
										02 NONE 9	TURN-L										
										N/A	M -N									000	00
										PSNGR CAR		01 DRVR	NO	NE	00 1	Jnk UNK UNK			000	000	00
0.40.05										0.1						UNK					
04825 N N N N	12/28/2018	CLACKAMAS	1 12	INTER	CROSS	N GIGNIA	N	CLR	ANGL-OTH	01 NONE 9	STRGHT									000	04
NONE N	FR 10A	PORTLAND UA	MN 0 4.11	CN 02	1	TRF SIGNAL	N N	DRY	ANGL PDO	N/A PSNGR CAR	NE-SW	01 DRVR	MO	NE	00 1	Inle IIMW	7		000	000	00 00
N	45 25 17.65	-122 34 28.44	007500100S00	02	1		IN	DAY	PDO	PSNGR CAR		UI DRVR	NO	NE	00 (UNK UNK			000	000	00
IN	45 25 17.05	-122 34 20.44	007300100300							02 NONE 9	STRGHT					OIVIC	•				
										N/A	NW-SE									000	00
										PSNGR CAR		01 DRVR	NO	NE	00	Jnk UNK	Ĭ.		000	000	00
																UNK	ζ				
00355 N N N N N	N 01/28/2020	CLACKAMAS	1 12	INTER	CROSS	N	N	CLD	ANGL-OTH	01 NONE 0	STRGHT										04
STATE	TU		MN 0	CN		TRF SIGNAL	N	DRY	TURN	PRVTE	NW-SE									000	00
N	9P	PORTLAND UA	4.11	03	1		N	DLIT	INJ	PSNGR CAR		01 DRVR	NO	NE	36 I	MON NON	1E		020	000	04
N	45 25 17.64	-122 34 28.44	007500100S00													OR<	:25				
										02 NONE 0	TURN-L										
										PRVTE	SW-NW									000	00
										PSNGR CAR		01 DRVR	IN	JC	31 1				000	000	00
										03 NONE 0	TURN-L					OR<	.25				
										PRVTE	SW-NW									000	00
										PSNGR CAR	J., 1	01 DRVR	NO	NE	41 1	I OR-	-Y		000	000	00
																OR<					
00285 N N N N N	N 02/01/2021	CLACKAMAS	1 12	INTER	CROSS	N	N	RAIN	ANGL-OTH	01 NONE 0	STRGHT										04
STATE	MO		MN 0	CN		TRF SIGNAL	N	WET	TURN	PRVTE	NW-SE									000	00
N	12A	PORTLAND UA	4.11	03	2		N	DLIT	INJ	PSNGR CAR		01 DRVR	NO	NE	53	OR-	-Y		000	000	00
N	45 25 17.64	-122 34 28.42	007500100S00													OR<	:25				
										01 NONE 0	STRGHT										
										PRVTE	NW-SE									000	00
										PSNGR CAR		02 PSNG	IN	JC	19 1	7			000	000	00
										02 NONE 0	TURN-L										
										PRVTE	SW-NW									000	00
										PSNGR CAR		01 DRVR	IN	JC	48	OR-	-Y		020	000	04
																OR<	:25				
00427 N N N N	02/18/2021	CLACKAMAS	1 12	INTER	CROSS	N	N	RAIN	ANGL-OTH	01 NONE 0	TURN-L										02
NO RPT	TH		MN 0	CN		TRF SIGNAL	N	WET	TURN	PRVTE	SW-NW									015	00
N	12P	PORTLAND UA	4.11	03	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NO	NE	38 1	I OR-	-Y		028	000	02
N	45 25 17.64	-122 34 28.42	007500100s00													OR<	:25				
										02 NONE 0	STRGHT										
										PRVTE	NW-SE	01 557		TC	F0 -		37		0.00	015	00
										PSNGR CAR		01 DRVR	IN	υĊ	58]				000	000	00
																OR<	.⊿5				

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

075: SUNRISE EXPRESSWAY

Highway 075 ALL ROAD TYPES, MP 4.11 to 6.26 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

10 - 14 of 85 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT		INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			I	A S					
RD DPT E L G N H		URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT		COLL	OWNER	FROM	PRTC	INJ			LICNS	PED			
UNLOC? D C S V L		LONG	MILEPNT LRS		(#LANES)			LIGHT		V# TYPE	TO	P# TYPE					LOC	ERROR	ACT EVENT	CAUSE
04856 N N N N N	N 12/31/2018	CLACKAMAS	1 12	INTER	CROSS	N	N	CLD	ANGL-OTH	01 NONE 9	STRGHT									04
STATE	MO		MN 0	CN		TRF SIGNAL	N	DRY	ANGL	N/A	SW-NE								000	00
N	9A	PORTLAND UA	4.11	04	1		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	E 00) Un	k UNK		000	000	00
N	45 25 17.65	-122 34 28.44	007500100s00													UNK				
										02 NONE 9	STRGHT									
										N/A	NW-SE	01 5575		- 00				000	000	00
										PSNGR CAR		01 DRVR	NONE	G 00) Un	K UNK UNK		000	000	00
82870 N N N N	05/19/2020	CLACKAMAS	1 11	INTER	CROSS	N	N	CLR	ANGL-OTH	01 NONE 9	TURN-L									04
NO RPT	TU		MN 0	CN		TRF SIGNAL	N	DRY	TURN	N/A	M -N								000	00
N	3P	PORTLAND UA	4.11	04	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	0.0) Un	k UNK		000	000	00
N	45 25 17.64	-122 34 28.42	007500100s00													UNK				
										02 NONE 9	STRGHT									
										N/A	N -S	01 DDIM	370377			1		000	000	00
										PSNGR CAR		01 DRVR	NONE	. 00) Un	UNK		000	000	00
02046 N N N N N	N 07/19/2021	CLACKAMAS	1 12	INTER	CROSS	N	N	CLR	ANGL-OTH	01 NONE 0	STRGHT									04
STATE	MO		MN 0	CN		TRF SIGNAL	N	DRY	TURN	PRVTE	W -E								000	00
N	9A	PORTLAND UA	4.11	04	1		N	DAY	INJ	PSNGR CAR		01 DRVR	INJC	C 56	5 F	OR-Y		020	026	04
N	45 25 17.64	-122 34 28.42	007500100800													OR<25				
										02 NONE 0	TURN-L									
										PRVTE PSNGR CAR	S -W	01 DRVR	T.N.T.T.) M	OMIT M		000	000	0 0 0 0
										PSNGR CAR		UI DRVR	TINOE	5 43) IVI	N-RES		000	000	00
03759 N N N N N	N 10/26/2019	CLACKAMAS	1 12	CURVE		N	Y	CLD	FIX OBJ	01 NONE 0	U-TURN								054	27,08
COUNTY	SA		MN 0	UN	(NONE)	NONE	N	DRY	FIX	PRVTE	M-M								000 054	00
Y	7A	PORTLAND UA	4.15	08			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	75	5 F	OR-Y		001	038	27,08
N	45 25 16.68	-122 34 25.81	007500100s00		(03)											OR<25				
										01 NONE 0	U-TURN									
										PRVTE	M -M	00 Dana	T.N.T.T.) M			000	000 054	00
										PSNGR CAR		02 PSNG	LNJE	3 53	3 M			000	000	00
00894 N N N N N	N 03/12/2018	CLACKAMAS	1 12	STRGHT		N	N	CLR	BIKE										110	27,18,02
STATE	MO		MN 0	UN	(NONE)	UNKNOWN	N	DRY	ANGL		_									
N	4P	PORTLAND UA	4.16	03			N	DAY	INJ		STRGHT	01 BIKE	INJE	3 27	7 F		B/SHL	D 028	037	27,18,02
N	45 25 16 36	-122 34 25.25	007500100800		(04)						n s									
14	13 23 10.30	122 31 23.23	007300100000		(01)					01 NONE 0	STRGHT									
										PRVTE	W -E								000	00
										PSNGR CAR		01 DRVR	NONE	28	3 M	SUSP		000	000	00
																OR<25				
02104 N N N N N		CLACKAMAS	1 12	STRGHT	/a :	N	N	CLR	S-1STOP	01 NONE 0	STRGHT								004	27,29
STATE N	MO 6P	PORTLAND UA	MN 0 4.16	UN 03	(NONE)	NONE	N N	DRY	REAR	PRVTE PSNGR CAR	NW-SE	מזממ 10	TNT T/	, =/	1 1.7	OB W		026	000 038	00 27,29
N		-122 34 25.24	4.16 007500100S00	U.S	(03)		IN	DAY	INJ	PANGK CAR		01 DRVR	TINU	. 54	t IVI	OR-Y OR<25		020	030	41,49
14	15 25 10.50	122 JI 2J,24	00,300100500		(05)					02 NONE 0	STOP					01(~25				
										PRVTE	NW-SE								011	00
										PSNGR CAR		01 DRVR	INJC	58	3 M	OR-Y		000	000	00
																OR<25				

CONTINUOUS SYSTEM CRASH LISTING

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CONTINUOUS SYSTEM CRASH LISTING

075: SUNRISE EXPRESSWAY Highway 075 ALL ROAD TYPES, MP 4.11 to 6.26 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

15 - 22 of 85 Crash records shown.

S	D M																		
SER# P	R J S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A	U I C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S				
RD DPT E L	G N H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LIC	NS PED			
	S V L K LAT	LONG	MILEPNT LRS		(#LANES)			LIGHT	SVRTY	V# TYPE	TO	P# TYPE						ACT EVENT	CAUSE
		,								02 NONE 0	STOP							1	
										PRVTE	NW-SE							011	00
										PSNGR CAR		02 PSNG	INJC	69	M		000	000	00
02455 N N	N N 08/23/2021	CLACKAMAS	1 12	CURVE		Y	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
NONE	MO		MN 0	UN	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	W - E							000	00
N N	8A 45 25 16.02	PORTLAND UA -122 34 24.67	4.17 007500100s00	03	(04)		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	38	F OR-		026	000	29
										02 NONE 0	STOP								
										PRVTE	M -E							011	00
										PSNGR CAR		01 DRVR	INJC	24	F OR-	Y	000	000	00
															OR<	25			
03854 N N	N N 10/24/2018	CLACKAMAS	1 12	INTER	3-LEG	N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
NO RPT	WE		MIN 0	SE		UNKNOWN	N	DRY	REAR	PRVTE	SE-NW							000	00
N N	6A 45 25 15.66	PORTLAND UA -122 34 24.17	4.18 007500100S00	06	0		N	DLIT	INJ	PSNGR CAR		01 DRVR	NONE	52	M OR-		026	000	29
	15 25 15.00	100 31 0111	00,500±00500							02 NONE 0	STOP				011				
										PRVTE	SE-NW							011	00
										PSNGR CAR		01 DRVR	INJC	56	F OR-	Z	000	000	00
															OR<	25			
01173 N N	N N N N 05/06/2021	CLACKAMAS	1 12	INTER	3-LEG	N	N	RAIN	ANGL-OTH	01 NONE 9	STRGHT								02
STATE	TH		MN 0	CN		STOP SIGN	N	WET	TURN	N/A	E -W							000	00
N	2P	PORTLAND UA	4.18	01	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N	45 25 15.65	-122 34 24.16	007500100800												UNK				
										02 NONE 9	TURN-L								
										N/A	N -E							015	00
										PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
															UNK				
03660 N N	N N N N 10/11/2018	CLACKAMAS	1 12	INTER	3-LEG	N	N	CLR	ANGL-OTH	01 NONE 0	STRGHT								02
STATE	TH		MN 0	CN		STOP SIGN	N	DRY	TURN	PRVTE	SE-NW							000	00
N	8A	PORTLAND UA	4.18	02	0		N	DAY	INJ	PSNGR CAR		01 DRVR	INJC	48			000	000	00
N	45 25 15.66	-122 34 24.17	007500100S00												OR<	25			
										02 NONE 0	TURN-L							015	0.0
										PRVTE	NE-SE	01 DDIT	TNID	2.0		37	0.20	015	00
										PSNGR CAR		01 DRVR	INUB	30	OR<		028	000	02
01370 Y Y	N N N N 04/11/2017	CLACKAMAS	1 12	CURVE		N	Y	CLD	FIX OBJ	01 NONE 9	STRGHT							043	01,05
STATE	TU		MN 0	UN	(NONE)	UNKNOWN	N	DRY	FIX	N/A	W -E							000	00
Y	3A	PORTLAND UA	4.20	07			N	DLIT	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N	45 25 14.84	-122 34 23.24	007500100S00		(04)										UNK				
03888 Y N	N N 12/14/2021	CLACKAMAS	1 12	BRIDGE		N	Y	UNK	FIX OBJ	01 NONE 9	STRGHT							119,04 ,124	14 01
NONE	TU		MN 0	UN	(NONE)	UNKNOWN	N	ICE	FIX	N/A	W -E							000	00
Y	5A	PORTLAND UA	4.21	01	•		N	DARK	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	
N	45 25 14.42	-122 34 22.84	007500100s00		(04)										UNK				
03902 N N	N N N N 12/14/2021	CLACKAMAS	1 12	STRGHT		N	Y	CLD	FIX OBJ	01 NONE 9	STRGHT							124,04	13 06
STATE	TU		MN 0	UN	(NONE)	NONE	N	ICE	FIX	N/A	E -W							000	00
	6A	PORTLAND UA	4 00	0.1											1		0.00	0.00	00
Y		-122 34 20.65	4.28 007500100s00	01	(04)		N	DARK	PDO	PSNGR CAR		01 DRVR	NONE	0.0	UNK UNK		000	000	00

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

075: SUNRISE EXPRESSWAY Highway 075 ALL ROAD TYPES, MP 4.11 to 6.26 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

23 - 28 of 85 Crash records shown.

S	D M																		
	R J S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE	:				SPCL USE									
	A U I C O DAY	CITY	COMPNT FIRST STREET	DIRECT		INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			Α	S				
	L G N H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT		COLL	OWNER	FROM	PRTC	TNJ		E LICI	IS PED			
	C S V L K LAT	LONG	MILEPNT LRS	LOCIN	(#LANES)			LIGHT	SVRTY	V# TYPE	TO	P# TYPE					ERROR	ACT EVENT	CAUSE
03896 N	N N N N N 12/14/2021	CLACKAMAS	1 12	STRGHT	, , , , ,	N	Y	CLD	FIX OBJ	01 NONE 0	STRGHT							124,04	
STATE	TU		MN 0	UN	(NONE)	NONE	N	ICE	FIX	PRVTE	W -E							000 124,04	
Y	5A	PORTLAND UA	4.28	0.8			N	DARK	INJ	PSNGR CAR		01 DRVR	INJC	44	M OTH-	-Y	080	000	05
N	45 25 11.16	-122 34 20.66	007500100S00		(04)										N-RI	ES			
00568 Y	N N N N N 02/20/2021	CLACKAMAS	1 12	STRGHT		N	N	CLD	S-STRGHT	01 NONE 9	STRGHT								01,13
STATE	SA		MN 0	UN	(NONE)	NONE	N	WET	SS-O	N/A	E -W							000	00
N	3P	PORTLAND UA	4.30	06			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00			000	000	00
N	45 25 10.29	-122 34 19.87	007500100S00		(04)										UNK				
										02 NONE 9	STRGHT							0.00	0.0
										N/A SEMI TOW	E -W	01 DRVR	NIONIE	0.0	TT1- TINTE		000	000	00
										SEMI IOW		UI DRVR	NONE	00	UNK		000	000	00
03729 N	N N N N N 05/18/2021	CLACKAMAS	1 12	STRGHT		N	N	CLD	S-STRGHT	01 NONE 1	STRGHT			·					29
STATE	TU		MN 0	UN	(NONE)	NONE	N	WET	REAR	PRVTE	W -E							000	00
N	1P	PORTLAND UA	4.31	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	66	M OR-	7	042	000	29
N	45 25 9.86	-122 34 19.42	007500100S00		(04)										OR<	25			
										02 NONE 0	STRGHT								
										PRVTE	W -E		_					000	00
										PSNGR CAR		01 DRVR	INJC	55			000	000	00
															OR<	25			
	N N N N N 12/26/2020	CLACKAMAS	1 12	CURVE	(270277)	N	N	RAIN	O-STRGHT	01 NONE 0	STRGHT							092	01,05,26
STATE	SA	מון מונג ושמסט	MN 0	UN 03	(NONE)	UNKNOWN	N	WET	HEAD	PRVTE	E -W	01 DDIM	TMTD	26	E OD 1	7	0.47 000	006 128,09	
r N	6A 45 25 9.46	PORTLAND UA -122 34 18.96	4.32 007500100S00	03	(04)		N	DAWN	INJ	PSNGR CAR		01 DRVR	INOB	20	OR<		047,080	017 092	01,05,26
14	13 23 3.10	122 31 10.90	007300100500		(01)					02 NONE 0	STRGHT				OIC .				
										PRVTE	W -E							000 128	00
										PSNGR CAR		01 DRVR	INJC	38	M OR-		000	000	00
															OR<	25			
02224 N	N N N 08/02/2021	CLACKAMAS	1 12	CURVE		N	N	CLR	S-OTHER	01 NONE 0	STRGHT							081	27,13
COUNTY	MO		MN 0	UN	(NONE)	NONE	N	DRY	SS-O	RENTL	E -W							000 081	00
Y	11A	PORTLAND UA	4.33	05			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	31	M OTH-	-Y	080,045,0	16 038	27,13
N	45 25 9.1	-122 34 18.42	007500100S00		(04)										N-RI	ES			
										02 NONE 0	STRGHT								
										PRVTE	E -W	01 555		50		_	000	000	0.0
										PSNGR CAR		01 DRVR	INJC	52	F OR-		000	000	00
02176 N	N N N N N 08/11/2020	CLACKAMAS	1 12	STRGHT		Y	N	CLR	S-STRGHT	01 NONE 9	STRGHT					-			13
STATE	TU	CHACIANIAS	MN 0	UN	(NONE)	TRF SIGNAL	N	DRY	SS-0	N/A	W -E							000	00
N	4P	PORTLAND UA	4.34	04	(=====,		N	DAY	PDO	TRUCK		01 DRVR	NONE	00	Unk UNK		000	000	00
N	45 25 8.76	-122 34 17.88	007500100s00		(04)										UNK				
										02 NONE 9	STRGHT								
										N/A	W - E							000	00
										PSNGR CAR		01 DRVR	NONE	00			000	000	00
															UNK				
03317 N	N N N 11/02/2021	CLACKAMAS	1 12	CURVE		Y	N	RAIN	S-1STOP	01 NONE 0	STRGHT								29,27
NO RPT	TU		MN 0	UN	(NONE)	UNKNOWN	N	WET	REAR	PRVTE	W -E							000	00
N	4P	PORTLAND UA	4.35	04	(04)		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	17			026,016	000	29,27
N	45 25 8.48	-122 34 17.26	007500100S00		(04)										OR<	45			

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

075: SUNRISE EXPRESSWAY

Highway 075 ALL ROAD TYPES, MP 4.11 to 6.26 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

29 - 33 of 85 Crash records shown.

S D M																				
SER# P R J S	S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U I C	C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S					
RD DPT E L G N H	H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E L	ICNS	PED			
UNLOC? D C S V I	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	Y E	ΧR	ES	LOC	ERROR	ACT EVENT	CAUSE
										02 NONE 0	STOP									
										PRVTE	W -E	01 DDIM	TMTG	2.77		D 17		000	011	00
										PSNGR CAR		01 DRVR	INJC	3 /		к-1 R<25		000	000	00
										02 NONE 0	STOP				O	1(\2)				
										PRVTE	W -E								011	00
										PSNGR CAR		02 PSNG	INJC	38	F			000	000	00
										02 NONE 0	STOP									
										PRVTE	M -E				_				011	00
										PSNGR CAR		03 PSNG	INJC	66	F			000	000	00
01155	7 77 00 /05 /005	AT 2 AT 2 T = 2	1 10		2.75				0 10-0-	01 2702-									212	
01155 N N N N N N N	N 03/26/2017 SU	CLACKAMAS	1 12 MN 0	INTER E	3-LEG	N TRF SIGNAL	N N	CLD WET	S-1STOP REAR	01 NONE 0 PRVTE	STRGHT E -W								013 000	07 00
N N	5P	PORTLAND UA	4.36	06	0	IRF SIGNAL	N	DAY	INJ	PSNGR CAR	E -W	01 DRVR	TNJC	47	F 0	R-Y		043,026	000	07
N	45 25 9.42	-122 34 15.45	007500100S00		Ü			2111	2210	101.010 0111		01 210	21.00			R<25		013,020		0 /
										02 NONE 0	STOP									
										PRVTE	E -W								011 013	00
										PSNGR CAR		01 DRVR	NONE	24				000	000	00
															0	R<25				
										03 NONE 0	STOP								022	00
										PRVTE PSNGR CAR	E -W	01 DRVR	NONE	34	мо	R-V		000	000	00
										I BIVOIC CITIC		OI DRVR	110111	31		R<25		000	000	
00891 N N N N	03/08/2020	CLACKAMAS	1 12	INTER	3-LEG	N	N	CLR	S-1STOP	01 NONE 9	STRGHT									29
NONE	SU		MN 0	NW		TRF SIGNAL	N	DRY	REAR	N/A	NW-SE								000	00
N	1P	PORTLAND UA	4.36	06	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk U	NK		000	000	00
N	45 25 8.19	-122 34 16.66	007500100s00												U	NK				
										02 NONE 9	STOP									
										N/A	NW-SE	01 DDIM	MONTE	0.0	TT 1- TT	NT77		000	011 000	00
										PSNGR CAR		01 DRVR	NONE	00		NK NK		000	000	00
04004 N. N. N. N.	11 /20 /2017	OT A CIVAMA C	1 10	TNIMED	2 1 50	DT.	NT.	OT D	O OMITED	0.1 NONE 0	midni D					1417				0.4
04904 N N N N NONE	11/20/2017 MO	CLACKAMAS	1 12 MN 0	INTER CN	3-LEG	N TRF SIGNAL	N N	CLR DRY	O-OTHER TURN	01 NONE 9 N/A	TURN-R NW-SW								000	04 00
N	5P	PORTLAND UA			0	IN SIGNAL	N			PSNGR CAR	IW SW	01 DRVR	NONE	00	Unk U	NK		000	000	00
N		-122 34 15.45	007500100800													NK				
										02 NONE 9	TURN-L									
										N/A	SE-SW								000	00
										PSNGR CAR		01 DRVR	NONE	00		NK NK		000	000	00
02066 NT NT NT	10/22/2020	CI ACVAMA C	1 12	TAIMIN	2_T EC	NI	ЪТ	OT D	1 r mr	ου 0.1 Μοντα ο	Cunctim					T41/				0.4
02866 N N N N NO RPT	10/23/2020 FR	CLACKAMAS	1 12 MN 0	INTER CN	3-LEG	N TRF SIGNAL	N N	CLR DRY	TURN	RN 01 NONE 0 PRVTE	STRGHT NW-SE								000	04 00
NO RF1	5A	PORTLAND UA	4.36	03	0	III DIONAL	N	DLIT	INJ	PSNGR CAR	1111 DE	01 DRVR	NONE	54	F O	R-Y		020	000	04
N		-122 34 16.61	007500100800													NK				
										02 NONE 0	TURN-L									
										PRVTE	SE-SW								000	00
										PSNGR CAR		01 DRVR	INJC	18				000	000	00
															0	R<25				

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

075: SUNRISE EXPRESSWAY

Highway 075 ALL ROAD TYPES, MP 4.11 to 6.26 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

34 - 39 of 85 Crash records shown.

	S D M																		
SER#	P R J S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE	1				SPCL USE									
INVEST	E A U I C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S				
RD DPT	E L G N H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LIC	IS PED			
UNLOC?	D C S V L K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	ΖE	X RES	LOC	ERROR	ACT EVENT	CAUSE
02521	N N N N N 09/17/2020	CLACKAMAS	1 12	INTER	3-LEG	N	N	CLR	O-1 L-TUR	N 01 NONE 9	STRGHT								04
STATE	TH		MN 0	CN		TRF SIGNAL	N	DRY	TURN	N/A	NW-SE							000	00
N	6P	PORTLAND UA	4.36	03	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N	45 25 8.19	-122 34 16.65	007500100S00												UNK				
										02 NONE 9	TURN-L							0.00	0.0
										N/A	SE-SW	01 DDIM	MONTE	0.0	TT l- TTNTIZ		000	000 000	00
										PSNGR CAR		01 DRVR	NONE	00	UNK UNK		000	000	00
01144	N N N N N N 04/08/2019	CLACKAMAS	1 12	CURVE		N	Y	CLD	FIX OBJ	01 NONE 9	STRGHT							043	10
STATE	MO		MN 0	UN	(NONE)	NONE	N	WET	FIX	N/A	W -E							000	00
Y	3P	PORTLAND UA	4.38	01			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N	45 25 7.8	-122 34 15.18	007500100s00		(04)										UNK				
03735	N N N N N N 10/15/2018	CLACKAMAS	1 12	STRGHT		N	N	CLR	S-STRGHT	01 NONE 0	STRGHT							043	13
STATE	MO		MN 0	UN	(NONE)	UNKNOWN	N	DRY	SS-O	STOLN	E -W							000	00
N	10A	PORTLAND UA	4.38	05			N	DAY	INJ	PSNGR CAR		01 DRVR	INJC	26			045	000	13
N	45 25 9.19	-122 34 14.03	007500100S00		(04)										OR<2	25			
										02 NONE 0	STRGHT							0.00	00
										PRVTE PSNGR CAR	E -W	01 DRVR	TMTC	46	E OD-1	7	000	000	00
										PSNGR CAR		OI DRVR	INUC	40	OR<2		000	000	00
00630	N. N. N. N	CT A CWANA C	1 10	OMD CLIM			27	GT D	0 1 T MITT	N. 01 NOVE 0	TI MIDAI								0.0
NO RPT	N N N N 09/29/2020 TU	CLACKAMAS	1 12 MN 0	STRGHT UN	(NONE)	Y TRF SIGNAL	N N	CLR DRY	TURN	N 01 NONE 9 N/A	U-TURN NW-NW							000	08
NO RPI	4P	PORTLAND UA	4.38	05	(NONE)	IRF SIGNAL	N	DAY	PDO	PSNGR CAR	IVM-IVM	01 DRVR	NONE	0.0	IInk IINK		000	000	00
N	45 25 7.84	-122 34 15.28	007500100S00	0.5	(05)		14	2111	120	1 DIVOIC CINC		or bittit	140141	00	UNK		000	000	0.0
					, ,					02 NONE 9	STOP								
										N/A	SE-NW							012	00
										PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
															UNK				
01513	N N N N N N 06/12/2020	CLACKAMAS	1 12	STRGHT		N	N	RAIN	S-1STOP	01 NONE 0	STRGHT								29
COUNTY	FR		MN 0	UN	(NONE)	TRF SIGNAL	N	WET	REAR	PRVTE	SE-NW							000	00
N	1P	PORTLAND UA	4.39	04			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	65			026	000	29
N	45 25 7.71	-122 34 14.56	007500100S00		(04)					0.0 170177	9505				OR<2	25			
										02 NONE 0	STOP SE-NW							011	0.0
										PRVTE PSNGR CAR	SE-NW	01 DRVR	NONE	48	M OR-7	7	000	000	00
										1 DIVOIC CINC		or bittit	140141	10	OR < 2		000	000	0.0
										02 NONE 0	STOP								
										PRVTE	SE-NW							011	00
										PSNGR CAR		02 PSNG	INJC	45	F		000	000	00
03054	N N N N N N 11/12/2020	CLACKAMAS	1 12	CURVE		N	N	CLD	S-STRGHT	01 NONE 0	STRGHT								13
STATE	TH	CHACKAINAD	MN 0	UN	(NONE)	NONE	N	DRY	SS-0	PRVTE	N -S							000	00
N	3P	PORTLAND UA	4.48	04	, ,	-	N	DAY	INJ	PSNGR CAR	-	01 DRVR	NONE	67	M OR-Y	?	045	000	13
N	45 25 6.44	-122 34 8.22	007500100s00		(04)										OR<2	25			
										02 NONE 0	STRGHT								
										PRVTE	N -S							000	00
										PSNGR CAR		01 DRVR	INJC	43			000	000	00
															OR<2	25			

CONTINUOUS SYSTEM CRASH LISTING

CDS380 OREGON DEPARTMENT OF TRANSPORTATION DEVELOPMENT DIVISION Page: 15

CONTINUOUS SYSTEM CRASH LISTING

075: SUNRISE EXPRESSWAY Highway 075 ALL ROAD TYPES, MP 4.11 to 6.26 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

40 - 45 of 85 Crash records shown.

	S D M																			
SER#	P RJS	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
	EAUIC		CITY	COMPNT FIRST STREET	DIRECT		INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	3				
	ELGNH		URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ		E LICNS	סבט			
	DCSVL		LONG	MILEPNT LRS	LOCIN	(#LANES)			LIGHT	SVRTY	V# TYPE	TO TO	P# TYPE		E		LOC	ERROR	ACT EVENT	CAHSE
	NNNN	04/26/2017	CLACKAMAS	1 12	STRGHT	(#ВимВО)	N	N	RAIN	S-STRGHT	01 NONE 0	STRGHT	Ι π ΙΙΙΙ	DVICTI		I KED	пос	ERROR	ACT EVENT	13
NONE	IN IN IN IN	WE	CLIACKAMAS	MN 0	UN	(NONE)	NONE	N	WET	SS-0	PRVTE	E -W							000	00
N		8A	PORTLAND UA	4.48	05	(NONE)	NONE	N	DAY	INJ	PSNGR CAR	E W	01 DRVR	INJC	42 F	OR-Y		000	000	00
N		45 25 6.8	-122 34 7.54	007500100800		(04)			2111	2210	I DIVOIT GILL		01 211111	22.00		OR<25				
						,					02 NONE 0	STRGHT								
											PRVTE	E -W							000	00
											PSNGR CAR		01 DRVR	NONE	47 M	OR-Y		045	000	13
																UNK				
02901	N N N N N	N 08/20/2018	CLACKAMAS	1 12	STRGHT		N	N	CLD	S-1STOP	01 NONE 0	STRGHT							093	27,29,07
STATE		MO		MN 0	UN	(NONE)	L-TURN REF	N	DRY	REAR	PRVTE	E -W							000	00
N		3P	PORTLAND UA	4.48	05			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	44 M	OR-Y		043,026	038 093	27,29,07
N		45 25 6.82	-122 34 7.55	007500100S00		(05)										OR<25				
											02 NONE 0	STOP								
											PRVTE	E -W							011	00
											PSNGR CAR		01 DRVR	INJC	42 M			000	000	00
																N-RES				
00678	N N N N	03/15/2021	CLACKAMAS	1 12	STRGHT		N	N	CLR	S-STRGHT	01 NONE 0	STRGHT							124	10
NONE		MO		MN 0	UN	(NONE)	NONE	N	ICE	SS-O	PRVTE	W -E							000 124	00
Y		7A	PORTLAND UA	4.49	03			N	DAWN	INJ	PSNGR CAR		01 DRVR	INJC	37 M			080	000	10
N		45 25 6.22	-122 34 7.52	007500100S00		(04)										OR<25				
											02 NONE 0	STRGHT							000	0.0
											PRVTE	W -E	0.1 DDITT	TNITO	24 м	OD 17		000	000	00
											PSNGR CAR		01 DRVR	INUC	34 M	OR-1		000	000	00
00000		77 01 /15 /0010	GT 3 GT 3 1/2 G	1 10	CORD CLUB					0 1 777777	0.1 270277					ORVZJ				00.00
	NNNN	N 01/15/2018 MO	CLACKAMAS	1 12 MN 0	STRGHT UN	(NONE)	N UNKNOWN	N	RAIN	S-1TURN	01 NONE 0	STRGHT W -E							000	08,02 00
STATE N		MO 3P	PORTLAND UA	4.52	04	(NONE)	UNKNOWN	N N	WET DAY	TURN INJ	PRVTE PSNGR CAR	W -Е	01 DRVR	TNLTC	55 M	OP_V		000	000	00
N		45 25 5.37	-122 34 5.42	007500100S00	01	(04)		1/	DAI	INO	FBNGK CAK		OI DRVR	INOC	33 M	OR-1		000	000	00
24		13 23 3.37	122 31 3.12	00,300100200		(01)					02 NONE 0	U-TURN				01(123				
											PRVTE	W -W							000	00
											PSNGR CAR		01 DRVR	INJC	61 M	OR-Y		028,008	000	08,02
																OR<25				
00764	N N N N	N 02/25/2017	CLACKAMAS	1 12	STRGHT		N	N	CLD	OTH OBJ	01 NONE 9	STRGHT							124,04	4 10
OM A MID		G A		MDT 0	UN	(DCDMD)	TINTENTOLINI	NT	TOD	DIV	NT / 70	пи							,042	0.0
STATE N		SA 7A	PORTLAND UA	MN 0 4.55	0N 05	(RSDMD)	UNKNOWN	N N	ICE DAWN	FIX PDO	N/A PSNGR CAR	E -W	01 DRVR	NONE	00 11	ok IINK		000	000	00 00
N		45 25 4.27	-122 34 3.85	007500100S00	05	(04)		IA	DAWIN	PDO	PSNGR CAR		OI DRVR	NONE	00 01	UNK		000	000	00
						(01)					0.1					OTTE				
	NNNN	N 07/29/2021	CLACKAMAS	1 12	STRGHT	(NONE)	N	N	CLR	S-STRGHT	01 NONE 9	STRGHT							0.00	13
STATE N		TH 4P	PORTLAND UA	MN 0 4.60	UN 05	(NONE)	UNKNOWN	N N	DRY DAY	SS-O PDO	N/A PSNGR CAR	SE-NW	01 DRVR	MONTE	00 TT*	ale TINIZ		000	000	00 00
N		45 25 2.5	-122 34 1.42	007500100S00	05	(04)		IN	DAI	PDO	PSNGR CAR		OI DRVR	NONE	00 01	UNK		000	000	00
14		15 25 2.5	144 JT 1.74	00/300100500		(01)					02 NONE 9	STRGHT				OIMIC				
											N/A	SE-NW							000	00
											PSNGR CAR	5E 1	01 DRVR	NONE	00 Ur	ık UNK		000	000	00
																UNK				
04438	N N N N N	N 10/24/2017	CLACKAMAS	1 12	STRGHT		N	N	CLR	S-STRGHT	01 NONE 0	STRGHT							013	07
STATE	TA TA TA TA TA	TU	CHACKAMAD	MN 0	UN	(RSDMD)	UNKNOWN	N	DRY	S-SIRGHI REAR	PRVTE	E -W							000	00
N		8A	PORTLAND UA	4.68	05	(100110)	J21241 J 1121	N	DAY	INJ	PSNGR CAR	- "	01 DRVR	NONE	17 M	OR-Y		043	000	07
N		45 24 59.4	-122 33 57.23	007500100800	35	(04)					_ 52.52. 6711.		-1 21(11)			OR 25				. .
						, ,														

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

075: SUNRISE EXPRESSWAY Highway 075 ALL ROAD TYPES, MP 4.11 to 6.26 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

46 - 50 of 85 Crash records shown.

	S D M																		
SER#	P R J S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST	E A U I C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S				
RD DPT	E L G N H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LIC	NS PED			
	D C S V L K LAT	LONG	MILEPNT LRS	200111	(#LANES)			LIGHT		V# TYPE	TO	P# TYPE						ACT EVENT	CAUSE
		1								02 NONE 0	STRGHT							,	,
										PRVTE	E -W							000 013	00
										PSNGR CAR		01 DRVR	INJC	26			000	000	00
															OR<	25			
										03 NONE 0	STOP							000 013	0.0
										PRVTE PSNGR CAR	E -W	01 DRVR	TMTD	2.4	F OR-	v	000	022 013 000	00 00
										PSNGR CAR		UI DRVR	INOB	24	OR-		000	000	00
										04 NONE 0	STOP				OIC	23			
										PRVTE	E -W							022	00
										PSNGR CAR		01 DRVR	NONE	60	M OR-	Y	000	000	00
															OR<				
01896	Y Y Y N N N 07/10/2020	CLACKAMAS	1 12	STRGHT		N	Y	CLR	FIX OBJ	01 NONE 0	STRGHT							044,0	10 01,06
					(\													,001	
STATE	FR		MN 0	UN	(RSDMD)	UNKNOWN	N	DRY	FIX	PRVTE	E -W	01 DDIT	77.77.7	2.0	M OD	37	047,032	031 044,03	
N N	7P 45 24 59.5	PORTLAND UA -122 33 57.36	4.68 007500100S00	05	(04)		N	DAY	FAT	PSNGR CAR		01 DRVR	KILL	32	M OR-		047,032	017 001	01,06
IN	13 21 39.3	-122 33 37.30	007300100500		(04)					01 NONE 0	STRGHT				OIC	23			
										PRVTE	E -W							031 044,0	10 00
										PSNGR CAR		02 PSNG	INJB	19	F		000	000	00
	Y N N N N N 09/18/2018	CLACKAMAS	1 12	STRGHT	/·	N	N	CLR	S-STRGHT	01 NONE 9	STRGHT								01,07,29
STATE	TU	D0D#F 11#D 773	MN 0	UN	(DIVMD)	NONE	N	DRY	SS-O	N/A	E -W	01 555		0.0	1		0.00	000	00
N N	2P 45 24 52.74	PORTLAND UA -122 33 37.87	4.98 007500100S00	03	(04)		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	UNK UNK		000	000	00
IN	13 21 32.71	-122 33 37.07	007300100500		(04)					02 NONE 9	STRGHT				OINI				
										N/A	E -W							000	00
										PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
															UNK				
00866	N N N N N N 04/06/2021	CLACKAMAS	1 12	STRGHT		N	N	CLR	S-STRGHT	01 NONE 0	STRGHT								13
STATE	TU		MN 0	UN	(RSDMD)	NONE	N	DRY	SS-O	PRVTE	W -E							000	00
N	4P	PORTLAND UA	5.00	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	55	M OR-	Y	045	000	13
N	45 24 52.56	-122 33 36.43	007500100S00		(03)										OR<	25			
										02 NONE 1	STRGHT								
										PRVTE	W -E							000	00
										SEMI TOW		01 DRVR	INJC	50	M OTH		000	000	00
01131	Y N N N N N 04/08/2019	CLACKAMAS	1 12	STRGHT		N	N	RAIN	S-STRGHT	01 NONE 0	STRGHT				11-11				30,29,32
STATE	MO	CHACKAIND	MN 0	UN	(RSDMD)	NONE	N	WET	REAR	PRVTE	W -E							000	00
N	7A	PORTLAND UA	5.00	04	(102112)	1.01.2	N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	19	M OR-	Y	050,052,02		30,29,32
N		-122 33 36.44	007500100S00		(04)										OR<		,,		
					, ,					02 NONE 0	STRGHT								
										PRVTE	W -E							000	00
										PSNGR CAR		01 DRVR	INJC	35	M OR-	Y	000	000	00
															OR<	25			
	N N N N N N 03/14/2021	CLACKAMAS	1 12	STRGHT		N	N	UNK	S-STRGHT	01 NONE 0	STRGHT								07
00673	277		MIN 0	UN	(RSDMD)	NONE	N	WET	SS-O	PRVTE	E -W							000	00
00673 STATE	SU		111. 0	011	, ,														
	8P	PORTLAND UA	5.23	05	,		N	DUSK	INJ	PSNGR CAR		01 DRVR	INJC	17	F OR-	Y	043,042	000	07

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

075: SUNRISE EXPRESSWAY Highway 075 ALL ROAD TYPES, MP 4.11 to 6.26 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

> 51 - 56 of 85 Crash records shown.

Section Sect	000 129 029 000	CAUSE 00 00 32,15 00 32,15
Note	006 000 129 029 000	00 00 32,15 00
Part	006 000 129 029 000	00 00 32,15 00
Column C	006 000 129 029 000	00 00 32,15 00
Column C	000 129 029 000	32,15 00
Part	000 129 029 000	32,15 00
Carting	129 029 000	32,15 00
Career C	029 000 029	00
NA	029 000 029	00
N	000	
No.	029	32,15
Control Cont		
PROFES P		
Part		00
STRIPLY STRI		00
Part		
STRIPLY STRI		
03889	000	00
STATE WE	000	00
STATE		
N	124	01
N N N N N N N N N N	000	00
03453 N N N N N N N 12/21/2020 CLACKAMAS 1 12 CURVE N N RAIN S-STRGHT 01 NONE 0 STRGHT STATE MO	000	00
STATE		
N 4P PORTLAND UA 6.00 04 N DUSK INJ PSNGR CAR 01 DRVR NONE 49 M OR-Y 043 N 45 24 38.92 -122 32 25.91 00750100S00 (04)	013	07
N 45 24 38.92 -122 32 25.91 007500100800 (04) N N N N 01/10/2020 CLACKAMAS 1 12 CURVE N NONE N NONE N NONE N NONE N NONE FR FR FR FR FR FR FR F	000	00
02 NONE 0 STRGHT PRVTE W -E PSNGR CAR - 01 DRVR INJC 51 F OR-Y OR<25 03 NONE 0 STOP PRVTE W -E PSNGR CAR - 01 DRVR INJC 51 F OR-Y OR<25 04 N N N N 0 01/10/2020 CLACKAMAS 1 12 CURVE N Y RAIN FIX OBJ 01 NONE 0 STRGHT FR MN 0 UN (RSDMD) NONE N WET FIX PSNGR CAR - 01 DRVR INJC 42 M OR-Y OR 25 1 10 DRVR INJC 51 F OR-Y OR 25 07 OR-Y OR 25 08 OR 25 09 OR	000	07
PRVTE W -E PRVTE PRVTE PRVTE PRVTE FR W -E PRVTE FR PRVTE PR		
PSNGR CAR O1 DRVR NJC S1 F OR-Y O00 OR-25 O2 OR-25 O1 DRVR O1		
October 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		00
O	000	00
PRVTE W -E PSNGR CAR		
PSNGR CAR O1 DRVR NONE 44 F OR-Y O00	0.1.1	
OR<25 OR OR OR OR OR OR OR O		00
00116 N N N N 01/10/2020 CLACKAMAS 1 12 CURVE N Y RAIN FIX OBJ 01 NONE 0 STRGHT STATE FR MN 0 UN (RSDMD) NONE N WET FIX PRVTE E -W Y 10P PORTLAND UA 6.00 08 N DARK INJ PSNGR CAR 01 DRVR INJC 42 M OR-Y 079	022	00
STATE FR MN 0 UN (RSDMD) NONE N WET FIX PRVTE E -W Y 10P PORTLAND UA 6.00 08 N DARK INJ PSNGR CAR 01 DRVR INJC 42 M OR-Y 079		
Y 10P PORTLAND UA 6.00 08 N DARK INJ PSNGR CAR 01 DRVR INJC 42 M OR-Y 079	079,054	
	000 079,054	
	000	10
01 NONE 0 STRGHT		
PRVTE E -W	000 079,054	4 00
PSNGR CAR 02 PSNG INJC 35 F 000	000	
03883 Y Y N N N N 09/02/2017 CLACKAMAS 1 12 STRGHT N N CLR OTH OBJ 01 NONE 0 STRGHT	044,010	0 01 05
STATE SA MN 0 UN (RSDMD) UNKNOWN N DRY FIX PRVTE W -E	029 044,010	
Y 2A PORTLAND UA 6.01 04 N DARK INJ PSNGR CAR 01 DRVR INJB 24 F OR-Y 047,080		
N 45 24 38.67 -122 32 25.24 007500100800 (04)	-	- ,
01 NONE 0 STRGHT		
PRVTE W -E		0 00
PSNGR CAR 02 PSNG INJB 23 M 000	029 044,010	
	029 044,010 000	

075: SUNRISE EXPRESSWAY

CONTINUOUS SYSTEM CRASH LISTING Highway 075 ALL ROAD TYPES, MP 4.11 to 6.26 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

CONTINUOUS SYSTEM CRASH LISTING

Page: 21

075: SUNRISE EXPRESSWAY Highway 075 ALL ROAD TYPES, MP 4.11 to 6.26 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

57 - 61 of 85 Crash records shown.

	S D M																				
SER#	P R J S W DATE	E	COUNTY	RD# FC	CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST	E A U I C O DAY		CITY		FIRST STREET	DIRECT		INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S				
	E L G N H R TIME		URBAN AREA		SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT		COLL	OWNER	FROM	PRTC	INJ		E LICN	S PED)		
	D C S V L K LAT	_	LONG	MILEPNT		20011.	(#LANES)			LIGHT	SVRTY	V# TYPE	TO	P# TYPE			X RES	LOC		ACT EVENT	CAUSE
03475	Y N N N N N 12/2	20/2020	CLACKAMAS	1 12		CURVE		N	Y	RAIN	FIX OBJ	01 NONE 0	STRGHT							079	01
STATE	SU			MN 0		UN	(DIVMD)	UNKNOWN	N	WET	FIX	PRVTE	E -W							000 079	00
Y	7P		PORTLAND UA	6.06		08			N	DARK	INJ	PSNGR CAR		01 DRVR	INJC	19 I	ſ OR−Y	-	047,081	000	01
N	45 2	24 37.46	-122 32 21.95		007500100S00		(04)										OR<2	5			
												01 NONE 0	STRGHT								
												PRVTE	E -W	00 Dava	TNIC	04			000	000 079	0 0 0 0
												PSNGR CAR		02 PSNG	INJC	24 I	1		000	000	00
00610	N N N N 03/0	08/2021	CLACKAMAS	1 12		STRGHT		N	N	CLR	S-1STOP	01 NONE 9	STRGHT								29
NONE	MO			MN 0		UN	(RSDMD)	NONE	N	DRY	REAR	N/A	N -S							000	00
N	2P		PORTLAND UA	6.16		03			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	0.0	Jnk UNK		000	000	00
N	45 2	24 33.38	-122 32 17.6		007500100S00		(03)										UNK				
												02 NONE 9	STOP								
												N/A	N -S	01 DDIM	NONE	00	T 1- TTATE		000	011	00
												PSNGR CAR		01 DRVR	NONE	00 (UNK UNK		000	000	00
02016	N N N N N N 05/2	23/2017	CLACKAMAS	1 12		STRGHT		N	N	CLR	S-STRGHT	01 NONE 0	STRGHT								13,32,27
STATE	TU			MN 0		UN	(RSDMD)	L-GRN-SIG	N	DRY	SS-O	PRVTE	N -S							000	00
N	3P		PORTLAND UA	6.16		04			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	41 1	ſ OR−Y		045,052	038	13,32
N	45 2	24 33.38	-122 32 17.6		007500100S00		(04)										OR<2	5			
												02 NONE 0	STRGHT							0.00	0.0
												PRVTE PSNGR CAR	N -S	01 DRVR	TNITC	20 1	√D_V		000	000	0 0 0 0
												PSNGR CAR		OI DRVR	INOC	30 1	OR-1				
04005	N N N N N N 11/0	02/2018	CLACKAMAS	1 12		STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT							013	07
STATE	FR			MN 0		UN	(RSDMD)	UNKNOWN	N	DRY	REAR	PRVTE	N -S							000	00
N	6P		PORTLAND UA	6.20		03			N	DUSK	INJ	PSNGR CAR		01 DRVR	NONE	41 I			043	000	07
N	45 2	24 31.41	-122 32 16.81		007500100S00		(06)					0.0 MONTE 0	CITIO D				OR<2	5			
												02 NONE 0 PRVTE	STOP N -S							011 013	00
												PSNGR CAR	IV B	01 DRVR	NONE	42 1	OR-Y	-	000	000	00
																	OR<2				
												03 NONE 0	STOP								
												PRVTE	N -S							022 013	
												PSNGR CAR		01 DRVR	NONE	55 1			000	000	00
												0.4 MONTE 0	CITIO D				OR<2	5			
												04 NONE 0 PRVTE	STOP N -S							022	00
												PSNGR CAR	IV B	01 DRVR	INJC	51 I	ſ OR−Y	-	000	000	00
																	OR<2				
00371	Y N N N N N 01/2	27/2021	CLACKAMAS	1 12		CURVE		N	Y	CLD	OTH OBJ	01 NONE 0	STRGHT							040,04	14 01,05,32
STATE	WE			MN 0		UN	(RSDMD)	NONE	N	DRY	FIX	PRVTE	N -S							000 040,04 ,091	
Y	6P		PORTLAND UA	6.20		04	,		N	DLIT	INJ	PSNGR CAR		01 DRVR	INJB	37 I			047,080,	052 038	01,05,32
N	45 2	24 31.41	-122 32 16.78		007500100S00		(04)										N-RE	S			
	Y N N N N N 11/1	12/2019	CLACKAMAS	1 12		GRADE		N	N	RAIN	S-1STOP	01 NONE	STRGHT							013	32,01
COUNTY	TU		DODEL AND THE	MN 0		UN	(RSDMD)	TRF SIGNAL	N	WET	REAR	PRVTE	S -N	01 557	T	20			050 045	000	00
N N	11A		PORTLAND UA	6.20	007500100000	08	(02)		N	DAY	INJ	PSNGR CAR		01 DRVR	INJC	38 I			052,047,	026 000	32,01
N	45 2	24 31.42	-122 32 16.8		007500100S00		(03)										OR<2	כ			

Disclaimer: The information contained in this report is compiled from individual driver and police crash reports submitted to the Oregon Department of Transportation as required in ORS 811.720. The Crash Analysis and Reporting Unit is committed to providing the highest quality crash data to customers. However, because submitted to the Oregon Department of Transportation as required in ORS 811.720. The Crash Analysis and Reporting Unit is committed to providing the highest quality crash data to customers. However, because submitted to trash report forms is the responsibility of the individual driver, the Crash Analysis and Reporting Unit can not guarantee that all qualifying crashes are represented nor can assurances be made that all details pertaining to a single crash are accurate. Note: Legislative changes to DMV's vehicle crash reporting requirement, effective 01/01/2004, may result in fewer property damage only crashes being eligible for inclusion in the Statewide Crash Data File.

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075: SUNRISE EXPRESSWAY

CONTINUOUS SYSTEM CRASH LISTING

Highway 075 ALL ROAD TYPES, MP 4.11 to 6.26 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

CONTINUOUS SYSTEM CRASH LISTING

075: SUNRISE EXPRESSWAY

Highway 075 ALL ROAD TYPES, MP 4.11 to 6.26 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

62 - 66 of 85 Crash records shown.

S D M																			
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C		CITY	COMPNT FIRST STREET	DIRECT		INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS	PED			
UNLOC? D C S V L		LONG	MILEPNT LRS		(#LANES)			LIGHT		V# TYPE	TO	P# TYPE				LOC	ERROR	ACT EVENT	CAUSE
										02 NONE	STOP								
										PRVTE	S -N							011 013	00
										PSNGR CAR		01 DRVR	INJC	46 F			000	000	00
										03 NONE	STOP				OR<25				
										PRVTE	S -N							022	00
										PSNGR CAR		01 DRVR	NONE	17 M	OR-Y		000	022	00
															OR<25				
04622 N N N N	12/14/2018	CLACKAMAS	1 12	STRGHT		N	N	RAIN	S-STRGHT	01 NONE 9	STRGHT								13
NONE	FR		MN 0	UN	(RSDMD)	NONE	N	WET	SS-O	N/A	N -S							000	00
N	7P	PORTLAND UA	6.22	04			N	DLIT	PDO	PSNGR CAR		01 DRVR	NONE	00 U1			000	000	00
N	45 24 30.4	-122 32 16.49	007500100S00		(03)										UNK				
										02 NONE 9 N/A	STRGHT N -S							000	00
										N/A PSNGR CAR	N -5	01 DRVR	NONE	00 11	nk IINK		000	000	00
										1 DIVOIT OTHE		01 51111	110112	00 01	UNK				
03407 N N N N	12/15/2020	CLACKAMAS	1 12	STRGHT		N	N	RAIN	S-STRGHT	01 NONE 9	STRGHT								13
NONE	TU		MN 0	UN	(RSDMD)	TRF SIGNAL	N	WET	SS-0	N/A	N -S							000	00
N	4P	PORTLAND UA	6.22	04			N	DAY	PDO	SEMI TOW		01 DRVR	NONE	00 U1	nk UNK		000	000	00
N	45 24 30.4	-122 32 16.51	007500100s00		(05)										UNK				
										02 NONE 9	STRGHT								
										N/A	N -S	01 DDITT	MONTE	00 11-	-1- TINTIZ		000	000	00
										PSNGR CAR		01 DRVR	NONE	00 01	UNK		000	000	00
02210 N N N N	06/06/2017	OT A CICAMA C	1 10	INTER	dbodd	NT.	N	OI D	g 1gmon	0.1 NONE 0	CMD CLIM				OTVIC				20
NONE	06/06/201/ TU	CLACKAMAS HAPPY VALLEY	1 12 MN 0 CARVER RD	INIER N	CROSS	N TRF SIGNAL	N N	CLR DRY	S-1STOP REAR	01 NONE 9 N/A	STRGHT N -S							000	29 00
											2								
N	3P	PORTLAND UA	6.26 SUNRISE EXWY HWY	03	2		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 Uı	nk UNK		000	000	00
N	45 24 28.35	-122 32 15.91	007500100s00												UNK				
										02 NONE 9	STOP								
										N/A	N -S							011	00
										PSNGR CAR		01 DRVR	NONE	00 U1	-		000	000	00
															UNK				
01274 N N N N			1 12	INTER	CROSS	N				01 NONE 0								222	29
NONE	WE	HAPPY VALLEY	MN 0 CARVER RD	N		TRF SIGNAL	N	DRY	REAR	PRVTE	N -S							000	00
N	7A	PORTLAND UA	6.26 SUNRISE EXWY HWY	06	0		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	26 M	OR-Y		026	000	29
N	45 24 28 35	-122 32 15.91	007500100s00												OR<25				
14	13 21 20.33	122 32 13.71	007300100000							02 NONE 0	STOP				01(123				
										PRVTE	N -S							011	00
										PSNGR CAR		01 DRVR	INJC	29 F	OR-Y		000	000	00
															OR<25				
02352 N N N N N	N 08/28/2020	CLACKAMAS	1 12	INTER	3-LEG	N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
STATE	FR	HAPPY VALLEY	MN 0 CARVER RD	N		TRF SIGNAL	N	DRY	REAR	UNKN	N -S							000	00
N	9P	PORTLAND UA	6.26 SUNRISE EXWY HWY	06	2		N	DLIT	INJ	PSNGR CAR		01 DRVR	NONE	00 F	UNK		026	000	29
N	45 24 29 26	-122 32 15.91	007500100S00												UNK				
TA	TJ 47 40.30	-144 34 13.91	00/300100800												OIMV				

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

075: SUNRISE EXPRESSWAY

Highway 075 ALL ROAD TYPES, MP 4.11 to 6.26 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

67 - 71 of 85 Crash records shown.

SER# P R J S W DATE COUNTY RD# FC CONN# RD CHAR INT-TYPE INVEST E A U I C O DAY CITY COMPNT FIRST STREET DIRECT (MEDIAN) INT-REL OFFRD WTHR CRASH RD DPT E L G N H R TIME URBAN AREA MLG TYP SCOND STREET LOCTN LEGS TRAF- UNLOC? D C S V L K LAT LONG MILEPNT LRS TREET LOCTN LEGS TRAF- UNLOC? D C S V L K LAT LONG MILEPNT LAS TREET LOCTN LEGS TRAF- UNLOC? D C S V L K LAT LONG MILEPNT LAS TREET LOCTN LEGS TRAF- UNLOC? D C S V L K LAT LONG MILEPNT LAS TREET LOCTN LAS TREET LOCTN LAS TREET LOCTN LAS TREET LOC	S D M																				
RD DPT E L G N H R TIME URBAN AREA MLG TYP SECOND STREET LOCTN LEGS TRAF- RNDBT SURF COLL OWNER FROM PRIC INJ G E LICNS PED LOCTN PRIVE TO	SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
UNLOC? D C S V L K LAT LONG MILEPNT LRS	INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				A S					
02 NONE 0 STOP PRVTE N -S PSNGR CAR 01 DRVR INJC 54 F OR-Y OR<25 01466 Y N N N N N 06/06/2020 CLACKAMAS 1 12 INTER 3-LEG N N RAIN S-1STOP 01 NONE 9 STRGHT STATE SA HAPPY VALLEY MN 0 CARVER RD N TRF SIGNAL N WET REAR N/A N -S 000 00	RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ		G E	LICNS	PED			
011 00 00 00 00 00 00 00 00 00 00 00 00	UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY			P# TYPE	SVR	TY	E X	RES	LOC	ERROR	ACT EVENT	CAUSE
PSNGR CAR O1 DRVR INJC 54 F OR-Y O00																				011	0.0
01466 Y N N N N N 06/06/2020 CLACKAMAS 1 12 INTER 3-LEG N N RAIN S-1STOP 01 NONE 9 STRGHT STATE SA HAPPY VALLEY MN 0 CARVER RD N TRF SIGNAL N WET REAR N/A N -S 000 00												N B	01 DRVR	INJ	C 5	1 F	OR-Y		000		
STATE SA HAPPY VALLEY MN 0 CARVER RD N TRF SIGNAL N WET REAR N/A N -S 000 00																	OR<25				
	01466 Y N N N N	N 06/06/2020	CLACKAMAS	1 12	INTER	3-LEG	N	N	RAIN	S-1STOP	01 NONE 9	STRGHT									01,29
N 12P PORTLAND UA 6.26 SUNRISE EXWY HWY 06 2 N DAY PDO PSNGR CAR 01 DRVR NONE 00 Unk UNK 000 000 00	STATE	SA	HAPPY VALLEY	MN 0 CARVER RD	N		TRF SIGNAL	N	WET	REAR	N/A	N -S								000	00
	N	12P	PORTLAND UA	6.26 SUNRISE EXWY HWY	06	2		N	DAY	PDO	PSNGR CAR		01 DRVR	NON	E 0) Unk	UNK		000	000	00
N 45 24 28.36 -122 32 15.92 007500100S00	N	45 24 28 36	-122 32 15.92	007500100800													IINK				
02 NONE 9 STOP	11	13 21 20.30	122 32 13.72	007300100500							02 NONE 9	STOP					OM				
N/A N -S 012 00											N/A	N -S								012	00
PSNGR CAR 01 DRVR NONE 00 Unk UNK 000 000 00											PSNGR CAR		01 DRVR	NON	E 0) Unk			000	000	00
UNK																	UNK				
02233 N N N N 07/26/2021 CLACKAMAS 1 12 INTER CROSS N N CLR S-1STOP 01 NONE 9 STRGHT 29						CROSS														0.00	
NONE MO HAPPY VALLEY MN 0 CARVER RD N TRF SIGNAL N DRY REAR N/A N -S 000 00	NONE	MO	HAPPY VALLEY	MN U CARVER RD	N		TRF SIGNAL	N	DRY	REAR	N/A	N -S								000	00
N 5P PORTLAND UA 6.26 SUNRISE EXWY HWY 06 2 N DAY PDO PSNGR CAR 01 DRVR NONE 00 Unk UNK 000 000	N	5P	PORTLAND UA	6.26 SUNRISE EXWY HWY	06	2		N	DAY	PDO	PSNGR CAR		01 DRVR	NON	E 0) Unk	UNK		000	000	00
N 45 24 28.36 -122 32 15.92 007500100S00	N	45 24 28.36	-122 32 15.92	007500100S00													UNK				
02 NONE 9 STOP																					
N/A N -S 01 DRVR NONE 00 Unk UNK 000 000 00												N -S	מזמת 1.0	NON	E O) IInle	TINTE		000		
UNK											PSNGK CAR		OI DRVR	NON	E U				000	000	00
02903 N N N N 09/29/2021 CLACKAMAS 1 12 INTER CROSS N N CLR S-1STOP 01 NONE 0 STRGHT 29,07	02903 N N N N	09/29/2021	CLACKAMAS	1 12	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT									29,07
NONE WE HAPPY VALLEY MN 0 CARVER RD N L-GRN-SIG N DRY REAR PRVTE N -S 000 00	NONE	WE	HAPPY VALLEY	MN 0 CARVER RD	N		L-GRN-SIG	N	DRY	REAR	PRVTE	N -S								000	00
N 6P PORTLAND UA 6.26 SUNRISE EXWY HWY 06 2 N DAY INJ PSNGR CAR 01 DRVR NONE 41 M OR-Y 026 000 29,07	N	6P	PORTLAND UA	6.26 SUNRISE EXWY HWY	06	2		N	DAY	INJ	PSNGR CAR		01 DRVR	NON	E 4	L M	OR-Y		026	000	29,07
N 45 24 28.35 -122 32 15.91 007500100S00	N	45 24 28.35	-122 32 15.91	007500100s00													OR<25				
02 NONE 0 STOP												STOP									
PRVTE N -S 012 00												N -S				_					
PSNGR CAR 01 DRVR INJC 26 F OR-Y 000 000 00 OR<25											PSNGR CAR		01 DRVR	INJ	C 2				000	000	00
	00045 N. N. N. N. N. N.	N 06/27/2010	CT 7 CT/7 M7 C	1 10	TAIMED	anogg.	DT	NT.	GI D	g 1gmon	0.1 NONE 0	OMD GLIM					OKVZJ				27.20
02245 N N N N N N 06/27/2018 CLACKAMAS 1 12 INTER CROSS N N CLR S-1STOP 01 NONE 0 STRGHT 27,29 STATE WE HAPPY VALLEY MN 0 CARVER RD NW YIELD N DRY REAR PRVTE NE-SW 000 00						CROSS														000	
N 5P PORTLAND UA 6.26 SUNRISE EXWY HWY 09 2 N DAY INJ PSNGR CAR 01 DRVR NONE 24 M OR-Y 026 000 27,29						2	11222					112 011	01 DD00	NON	ъ Э	1 м	OB_V		026		
N DAI INO PONDE CAR OI DAVE NONE 24 M OR-I 020 000 27,29	IN	SP	PORTLAND OA	0.20 SUNKISE EAWI HWI	09	2		IN	DAI	TINO	PSNGR CAR		UI DRVR	INOIN	E 2	i 1*1	OK-1		020	000	21,29
N 45 24 28.37 -122 32 15.92 007500100S00	N	45 24 28.37	-122 32 15.92	007500100800													OR<25				
02 NONE 0 STOP																				011	0.0
PRVTE NE-SW 011 00 PSNGR CAR 01 DRVR INJC 32 M OR-Y 000 000 00												NE-2M	01 DRVR	TNJT	C 3	2. M	OR-Y		0.00		
OR<25																					
00676 N N N N 02/26/2019 CLACKAMAS 1 12 INTER CROSS N N UNK S-1STOP 01 NONE 0 STRGHT 29	00676 N N N N	02/26/2019	CLACKAMAS	1 12	INTER	CROSS	N	N	UNK	S-1STOP	01 NONE 0	STRGHT									29
NONE TU HAPPY VALLEY MN 0 CARVER RD NW YIELD N WET REAR PRVTE NE-SW									WET											000	
N 7A PORTLAND UA 6.26 SUNRISE EXWY HWY 09 2 N DAY INJ PSNGR CAR 01 DRVR NONE 55 M OR-Y 026 000 29	N	7A	PORTLAND UA	6.26 SUNRISE EXWY HWY	09	2		N	DAY	INJ	PSNGR CAR		01 DRVR	NON	E 5	5 M	OR-Y		026	000	29
N 45 24 28.35 -122 32 15.91 007500100S00	N	45 24 28.35	-122 32 15.91	007500100S00													OR<25				

Page: 26

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

075: SUNRISE EXPRESSWAY

Highway 075 ALL ROAD TYPES, MP 4.11 to 6.26 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

72 - 77 of 85 Crash records shown.

S	D M																			
SER# P	R J S W DAT	TE.	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A	A U I C O DAY	7	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT E L	G N H R TIM	1E	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LIC	NS PED			
UNLOC? D C	S V L K LAT	•	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	Z E	X RES	LOC	ERROR	ACT EVENT	CAUSE
											02 NONE 0 PRVTE	STOP NE-SW							011	00
											PSNGR CAR	NE SW	01 DRVR	INJC	58	F OR-	Y	000	000	00
																OR<	25			
04726 N N	N N N N 12/	21/2018	CLACKAMAS	1 12	INTER	CROSS	N	N	CLR	ANGL-OTH	01 NONE 0	STRGHT								04
CITY	FR		HAPPY VALLEY	MN 0 CARVER RD	CN		TRF SIGNAL	N	DRY	TURN	PRVTE	E -W							000	00
N	2A		PORTLAND UA	6.26 SUNRISE EXWY HWY	01	2		N	DLIT	INJ	PSNGR CAR		01 DRVR	NONE	19	M OR-	Y	020	000	04
	4.5	04 00 25	100 20 15 00	0.000.001.000.00												0.7	0.5			
N	45	24 28.35	-122 32 15.92	007500100800							02 NONE 0	TURN-L				OR<	25			
											PRVTE	N -E							000	00
											PSNGR CAR		01 DRVR	INJC	30	F OTH	-Y	000	000	00
																N-R	ES			
											02 NONE 0	TURN-L								
											PRVTE PSNGR CAR	N -E	02 PSNG	TNIC	22	M		000	000	00
											PSNGR CAR		UZ PSNG	INUC	33	M		000	000	00
01771 N N	INN 06/	28/2021	CLACKAMAS	1 12	INTER	CROSS	N	N	CLR	ANGL-OTH	01 NONE 0	STRGHT								04
NO RPT	MO		HAPPY VALLEY	MN 0 CARVER RD	CN		TRF SIGNAL	N	DRY	ANGL	PRVTE	N -S							000	00
N	6A		PORTLAND UA	6.26 SUNRISE EXWY HWY	01	2		N	DAY	INJ	PSNGR CAR		01 DRVR	INJC	34	M OR-	Y	000	000	00
N	45	24 28.35	-122 32 15.91	007500100800												OR<	25			
											02 NONE 0	STRGHT								
											PRVTE	E -W							000	00
											PSNGR CAR		01 DRVR	NONE	20	Unk OR-		020	000	04
02017 N N	I N N N N 07/	17/2021	CLACKAMAS	1 12	INTER	CROSS	N	N	CLR	S-1TURN	01 NONE 9	TURN-R								08,14
STATE	SA		HAPPY VALLEY	MN 0 CARVER RD	CN	CROBB	TRF SIGNAL	N	DRY	TURN	N/A	E -N							000	00
NT.	(5)		DODEL AND 111	C OC CURRETOR DWWW. III.	0.0	2		3.7	D311	DD0	DOMOD GAD		01 DDID	MONTE	0.0	TT1- TTNTF		000	000	0.0
N	6P		PORTLAND UA	6.26 SUNRISE EXWY HWY	02	2		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	UNK UNK		000	000	00
N	45	24 28.36	-122 32 15.91	007500100S00												UNK				
											02 NONE 9	STRGHT								
											N/A PSNGR CAR	E -W	01 DRVR	NONE	0.0	IInk IINK		000	000	00 00
											I DIVOIT CITE		OI DIVIC	HOILE	00	UNK		000	000	0.0
03772 N Y	7 N N N N 10/	27/2019	CLACKAMAS	1 12	INTER	CROSS	N	N	FOG	OTH OBJ	01 NONE 9	TURN-R							050,05	8 08
STATE	SU		HAPPY VALLEY	MN 0 CARVER RD	CN		TRF SIGNAL	N	WET	FIX	N/A	E -N							000	00
N	12A	Δ	PORTLAND UA	6.26 SUNRISE EXWY HWY	09	2		N	DLIT	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N	45	24 28.36	-122 32 15.91	007500100S00												UNK				
	I N N N N 07/		CLACKAMAS	1 14	INTER	3-LEG	N	Y	CLR	FIX OBJ	01 NONE 0	STRGHT							121	17
COUNTY	WE			FR 0	E	-	STOP SIGN	N	DRY	FIX	PRVTE	E -W							000 121	00
N	11P		PORTLAND UA	4.34	06	0		N	DARK	INJ	PSNGR CAR		01 DRVR	INJC	32			081	028	17
N	45	25 3.63	-122 34 15.77	0075AA100S00												OR<	25			
03874 N N		04/2019	CLACKAMAS	1 11 1	STRGHT		N	N	CLR	S-STRGHT	01 NONE 9	STRGHT								14
NONE	MO 8A		DODTI AND IIA	CN 0 4.49	UN 03	(NONE)	RAMP METER	N	DRY	SS-O	N/A SEMI TOW	S -N	01 DRVR	NONE	0.0	ווחף וואויי		000	000	00
N N		25 8.63	PORTLAND UA -122 34 23.46	4.49 0075AD100S00	0.5	(01)		N	DAWN	PDO	SEMI IOM		OI DKAK	MOINE	00	UNK UNK		000	000	00
14	- CF	25 0.05	122 31 23.10	00/JADI00000		(01)										OIM				

Disclaimer: The information contained in this report is compiled from individual driver and police crash reports submitted to the Oregon Department of Transportation as required in ORS 811.720. The Crash Analysis and Reporting Unit is committed to providing the highest quality crash data to customers. However, because submitted to the Oregon Department of Transportation as required in ORS 811.720. The Crash Analysis and Reporting Unit is committed to providing the highest quality crash data to customers. However, because submitted to the Oregon Department of Transportation as required in ORS 811.720. The Crash Analysis and Reporting Unit is committed to providing the highest quality crash data to customers. However, because submitted to the Oregon Department of Transportation as required in ORS 811.720. The Crash Analysis and Reporting Unit is committed to providing the highest quality crash data to customers. However, because submitted to the Oregon Department of Transportation as required in ORS 811.720. The Crash Analysis and Reporting Unit is committed to providing the highest quality crash data to customers. However, because submitted to the Oregon Department of Transportation as required in ORS 811.720. The Crash Analysis and Reporting Unit is committed to providing the highest quality crash data to customers. However, because submitted to the Oregon Department of Transportation as required in ORS 811.720. The Crash Analysis and Reporting Unit is committed to providing the highest quality crash and the Analysis and Reporting Unit is committed to providing Unit is committed to providing the highest quality crash and the Analysis and Reporting Unit is committed to providing Unit is committed to providin

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

075: SUNRISE EXPRESSWAY Highway 075 ALL ROAD TYPES, MP 4.11 to 6.26 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

78 - 84 of 85 Crash records shown.

S DI	M																			
SER# P R	J S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U	I C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				A S					
RD DPT E L G I	N H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INC	Г	G E	LICNS	PED			
UNLOC? D C S	V L K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVI	YTS	E X	RES	LOC	ERROR	ACT EVENT	CAUSE
		,			,					02 NONE 9	STOP			,						
										N/A	S -N			0					011	00
										PSNGR CAR		01 DRVR	NOI	1E 0		UNK		000	000	00
02950 N N N I	N N N 10/04/2021	CLACKAMAS	1 11 1	GRADE		N	N	CLR	S-1STOP	01 NONE 9	STRGHT					02111			128	02,40
STATE	MO		CN 0	UN	(NONE)	RAMP METER	N	DRY	SS-0	N/A	W -E								052	00
N	2P	PORTLAND UA	4.49	03			N	DAY	PDO	SEMI TOW		01 DRVR	NOI	IE 0) Unk	UNK		000	000	00
N	45 25 8.64	-122 34 23.49	0075AD100S00		(01)											UNK				
										02 NONE 9	STOP									
										N/A	M - E								011	00
										PSNGR CAR		01 DRVR	NON	1E 0				000	000	00
																UNK				
01184 Y N N I	N N N 05/07/2021	CLACKAMAS	1 11 1	CURVE		N	Y	RAIN	FIX OBJ	01 NONE 9	STRGHT								121	01
STATE	FR		CN 0	UN	(NONE)	ONE-WAY	N	WET	FIX	N/A	E -W								000	00
Υ	6A	PORTLAND UA	4.49	05			N	DAY	PDO	PSNGR CAR		01 DRVR	NOI	1E 0) Unk	-		000	000	00
N	45 25 8.67	-122 34 23.49	0075AD100S00		(01)											UNK				
00929 Y N N I	N N N 03/16/2019	CLACKAMAS	1 11 1	CURVE		N	Y	CLR	FIX OBJ	01 NONE 9	STRGHT								055	01
STATE	SA		CN 0	UN	(NONE)	RAMP METER	N	DRY	FIX	N/A	S -N								000	00
Y	6A	PORTLAND UA	4.50	01			N	DARK	PDO	PSNGR CAR		01 DRVR	NOI	1E 0				000	000	00
N	45 25 9.18	-122 34 23.48	0075AD100S00		(01)											UNK				
00367 N N N I	N 01/28/2020	CLACKAMAS	1 11 1	TRANS		N	N	RAIN	S-STRGHT	01 NONE 0	STRGHT									02
NONE	TU		CN 0	UN	(NONE)	RAMP METER	N	WET	SS-O	PRVTE	S -N								052	00
N	2P	PORTLAND UA	4.50	03			N	DAY	INJ	SEMI TOW		01 DRVR	NOI	IE 7				028	000	02
N	45 25 9.17	-122 34 23.47	0075AD100S00		(01)					0.0 MONTE 0	CIED CLIE					OR<25				
										02 NONE 0 PRVTE	STRGHT S -N								052	00
										PSNGR CAR	5 -N	01 DRVR	TN.	TC 6	1 м	OR-V		028	000	02
										I DIVOR CAR		OI DRVR	1110	,		OR<25		020	000	02
03688 N N N I	N 12/01/2021	CLACKAMAS	1 11 1	TRANS		N	N	CLR	S-STRGHT	01 NONE 1	STRGHT									05
NO RPT	WE		CN 0	UN	(NONE)	RAMP METER	N	DRY	SS-0	PRVTE	S -N								000	00
Y	7A	PORTLAND UA	4.50	03	, ,		N	DAY	INJ	SEMI TOW		01 DRVR	NOI	IE 2	3 M	OTH-Y		080	000	05
N	45 25 9.17	-122 34 23.47	0075AD100S00		(02)											N-RES				
										02 NONE 0	STRGHT									
										PRVTE	S -N								000	00
										PSNGR CAR		01 DRVR	INC	TC 3				000	000	00
																OR>25				
85106 N N N I		CLACKAMAS	1 11 1	STRGHT	/ NTONTE \	N DAMD MEMED	N	CLR	S-STRGHT	01 NONE 9	STRGHT								0.00	06
NONE	WE	מיז מינה ווחסס	CN 0	UN	(NONE)	RAMP METER	N	DRY	SS-0	N/A	S -N	מזממ 1.0	3703	TIP ^) TT1-	TINTE		000	000	00
N N	4P 45 25 9.18	PORTLAND UA -122 34 23.48	4.50 0075AD100S00	03	(01)		N	DAY	PDO	SEMI TOW		01 DRVR	NOI	ић ()		UNK		000	000	00
TA	40 20 9.10	-122 34 23.40	00/34D100300		(01)					02 NONE 9	STRGHT					OTATE				
										N/A	S -N								000	00
										PSNGR CAR		01 DRVR	NON	IE O) Unk	UNK		000	000	00
																UNK				
01597 N N N I	N N N 05/10/2018	CLACKAMAS	1 11 1	STRGHT		N	N	RAIN	S-STRGHT	01 NONE 0	STRGHT									06,14,02
STATE	TH		CN 0	UN	(NONE)	RAMP METER	N	UNK	SS-0	PRVTE	S -N								031	00
N	3P	PORTLAND UA	4.52	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NON	IE 3	5 M	OR-Y		032,020,028	3 000	06,14,02
N	45 25 9.81	-122 34 23.22	0075AD100S00		(01)											OR<25				

CONTINUOUS SYSTEM CRASH LISTING

075: SUNRISE EXPRESSWAY

Highway 075 ALL ROAD TYPES, MP 4.11 to 6.26 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION CDS380 Page: 31 08/21/2023

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

075: SUNRISE EXPRESSWAY Highway 075 ALL ROAD TYPES, MP 4.11 to 6.26 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

> 85 - 85 of 85 Crash records shown.

S D M														
SER# P R J S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE		SPCL USE								
INVEST E A U I C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN) INT-REL	OFFRD WTHR CRASH	TRLR QTY	MOVE		A	S				
RD DPT E L G N H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS TRAF-	RNDBT SURF COLL	OWNER	FROM	PRTC INJ	G	E LICNS	PED			
UNLOC? D C S V L K LAT	LONG	MILEPNT LRS		(#LANES) CONTL	DRVWY LIGHT SVRTY	V# TYPE	TO	P# TYPE SVR	ГҮ Е	X RES	LOC	ERROR	ACT EVENT	CAUSE
	,				,	02 NONE 0	STRGHT	,						
						PRVTE	S -N						052	00
						PSNGR CAR		01 DRVR INJ	2 42	F OTH-Y		000	000	00

N-RES

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 3.70 to 3.96 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

1 - 4 of 74 Crash records shown.

	S D M																					
The column The	SER# P R J S	S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE	C				SPCL USE											
March Marc	INVEST E A U I C	C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				А	S					
March Marc	RD DPT E L G N H	H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INC	J	G	E LIC	CNS	PED			
State Stat																				ERROR	ACT EVENT	CAUSE
50 50 50 50 50 50 50 5	01611 Y Y N N N	I N 04/28/2017	CLACKAMAS	1 12	STRGHT		N	N	CLR	S-1STOP	01 NONE 9	STRGHT										27,29,01
Column C	STATE	FR		MN 0	UN	(NONE)	UNKNOWN	N	DRY	REAR	N/A	W -E									000	00
Part	N	5P	PORTLAND UA	3.70	03			N	DAY	PDO	PSNGR CAR		01 DRVR	NOI	NE	00	Unk UNK	ζ		000	000	00
Column C	N	45 25 21.89	-122 34 57.84	017100100s00		(04)											UNK	Ċ				
Part																						
												W -E										
Mile											PSNGR CAR		01 DRVR	NOI	NE	00				000	000	00
Mile	02952 N N N N	08/25/2018	CLACKAMAS	1 12	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT									013	29
No. 1						(NONE)																
			PORTLAND UA					N		INJ	PSNGR CAR		01 DRVR	NOI	NE	00	Unk UNK	ζ		026		
The content of the	N	45 25 21.89	-122 34 57.84	017100100s00		(04)											UNK	.C				
Column C											02 NONE 0	STOP										
Column C											PRVTE	W -E									011 013	00
Part											PSNGR CAR		01 DRVR	IN	JB	58				000	000	00
											02 NONE 0	STOP										
											PRVTE	W -E									011 013	00
											PSNGR CAR		02 PSNG	IN	JB	60	F			000	000	00
											0.3 NONE 0	STOP										
Part																					022	00
Column C													01 DRVR	INC	JC	51	M OR-	-Y		000		
																	OR<	:25				
											03 NONE 0	STOP										
04711 N N N N N 1/2/1/2018 CLACKAMAS 1 12 STRCHT N N N N N N N N N N N N N N N N N N											PRVTE	W -E									022	00
NOME											PSNGR CAR		02 PSNG	INC	JC	43	F			000	000	00
N PORTLAND UN 1.7	04711 N N N N	12/21/2018	CLACKAMAS	1 12	STRGHT		N	N	CLR	S-STRGHT	01 NONE 0	STRGHT										29
N N N N O O O O O O	NONE	FR		MN 0	UN	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	W -E									000	00
Column C	N	1P	PORTLAND UA	3.70	04			N	DAY	INJ	PSNGR CAR		01 DRVR	NOI	NE	36	M OR-	-Y		026	000	29
Part	N	45 25 21.89	-122 34 57.84	017100100S00		(04)											OR<	:25				
Parc																						
Column C												W -E										
NO RPT SU											PSNGR CAR		01 DRVR	IN	JC	35				000	000	00
NO RPT SU	01539 N N N N	04/23/2017	CLACKAMAS	1 12	STRGHT		N	N	RAIN	S-1STOP	01 NONE 9	STRGHT										29
N 45 25 21.89 -122 34 57.84 017100100800 (04)						(NONE)															000	
1 1 1 1 1 1 1 1 1 1	N	9A	PORTLAND UA	3.70	05			N	DAY	PDO	PSNGR CAR		01 DRVR	NOI	NE	00	Unk UNK	3		000	000	00
NA SE-NW PSNGR CAR O1 DRVR NORE O2 VINK O0 00 00 00 00 00 00 00 00 00 00 00 00	N	45 25 21.89	-122 34 57.84	017100100S00		(04)											UNK	Ċ				
PSNGR CAR PSNG											02 NONE 9	STOP										
1 1 1 1 1 1 1 1 1 1												SE-NW										
00273 N N N N N 0 01/23/2019 CLACKAMAS 1 12 STRGHT N N N CLD S-STRGHT 01 NONE 9 STRGHT STATE WE MN 0 UN (NONE) NONE N DRY SS-O N/A E -W 000 00 N 4P PORTLAND UA 3.70 05 N DAY PDO PSNGR CAR 01 DRVR NONE 00 Unk UNK 000 000 00											PSNGR CAR		01 DRVR	NOI	NE	00				000	000	00
STATE WE MN 0 UN (NONE) NONE N DRY SS-O N/A E-W 000 00 N 4P PORTLAND UA 3.70 05 N DAY PDO PSNGR CAR 01 DRVR NONE 00 Unk UNK 000 000	00273 N N N N	01/23/2019	CI'YCK AWY S	1 12	STRGHT		N	N	מים)	S-STRCHT	0.1 NONE: 9	STRGHT					OTAL	•				13
N 4P PORTLAND UA 3.70 05 N DAY PDO PSNGR CAR 01 DRVR NONE 00 Unk UNK 000 000			OTT ICIU II IIIO			(NONE)															000	
			PORTLAND UA			(=====,							01 DRVR	NOI	NE	00	Unk UNK	ζ.		000		
				017100100800		(04)																

Page: 2

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 3.70 to 3.96 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 3.70 to 3.96 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

5 - 10 of 74 Crash records shown.

	S D M																			
	P RJS	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
	EAUIC		CITY	COMPNT FIRST STREET	DIRECT		INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S				
	ELGNH		URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT		COLL	OWNER	FROM	PRTC	INJ		E LICNS	י סער			
	DCSVLI		LONG	MILEPNT LRS	LOCIN	(#LANES)			LIGHT		V# TYPE	TO	P# TYPE				LOC	ERROR	ACT EVENT	CALISE
ONDOC:	D C B V E	I DAI	HONG	HIBINI BKS		(#DANED)	CONTE	DICVWI	птопт	BVICII	02 NONE 9	STRGHT	Ι π ΙΙΙΙ	DVICI.		A KED	Вос	Eldtolt	ACT EVENT	CAODE
											N/A	E -W							000	00
											PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
																UNK				
02116	N N Y N N	N 08/08/2020	CLACKAMAS	1 12	INTER	CROSS	N	N	CLR	O-1STOP	01 NONE 9	BACK								27
COUNTY		SA		MN 0	UN		TRF SIGNAL	N	DRY	BACK	N/A	UN-UN							000	00
N		10A	PORTLAND UA	3.73	06	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N		45 25 21.52	-122 34 55.7	017100100S00												UNK				
											02 NONE 9	STOP							011	0.0
											N/A PSNGR CAR	UN-UN	01 DRVR	MONE	0.0	IInle IINV		000	011 000	00 00
											PSNGR CAR		OI DRVR	NONE	00	UNK		000	000	00
00752	NT N	NT 02/01/2010	CLACKAMAS	1 12	INTER	CROSS	N	NT.	CLD	G_OMPOTTE	0.1 NONE 0	STRGHT				31110				27,07,29
STATE	NNNNN	N 03/01/2018 TH	CLIACNAMAS	1 12 MN 0	INTER N	CROSS	N TRF SIGNAL	N N	DRY	S-STRGHT REAR	01 NONE 0 PRVTE	STRGHT W -E							000	27,07,29
N		3P	PORTLAND UA	3.73	06	0	IKI DIGWAL	N	DAY	INJ	PSNGR CAR	W E	01 DRVR	NONE	45	M OR-Y		043,042	038	27,07,29
N		45 25 21.55	-122 34 55.7	017100100S00		-										OR<25	5	,		_ , , , , , _ ,
											02 NONE 0	STRGHT								
											PRVTE	W -E							006	00
											PSNGR CAR		01 DRVR	INJC	53	F OR-Y		000	000	00
																OR<25	5			
02554	N N N N	07/22/2018	CLACKAMAS	1 12	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 9	STRGHT								29
NONE		SU		MN 0	N		TRF SIGNAL	N	DRY	REAR	N/A	N -S							000	00
N		3P	PORTLAND UA	3.73	06	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00			000	000	00
N		45 25 21.55	-122 34 55.71	017100100S00							00 27027	a====				UNK				
											02 NONE 9 N/A	STOP N -S							011	00
											PSNGR CAR	N -5	01 DRVR	NONE	0.0	Unk UNK		000	000	00
											I DIVOIT OF ILL		01 211111	110112		UNK				
00820	NNNNN	N 03/06/2018	CLACKAMAS	1 12	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT								27,07
STATE		TU	02210111110	MN 0	E	GRODD	TRF SIGNAL	N	DRY	REAR	PRVTE	E -W							000	00
N		1P	PORTLAND UA	3.73	06	0		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	19	M OR-Y		043,026	000	27,07
N		45 25 21.53	-122 34 55.65	017100100S00												OR<25	5			
											02 NONE 0	STOP								
											PRVTE	E -W							011	00
											TRUCK		01 DRVR	INJC	23			000	000	00
																OR<25)			
	YNNNN		CLACKAMAS	1 12	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 9	STRGHT							222	01,29
STATE		WE		MN 0	E	0	TRF SIGNAL	N	DRY	REAR	N/A	E -W	01 DDIM	MONTE	0.0	TT 1- TTNTT		0.00	000	0.0
N N		10A 45 25 21 54	PORTLAND UA -122 34 55.71	3.73 017100100s00	06	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	UNK		000	000	00
TA		13 23 21.34	122 34 33.71	01/100100300							02 NONE 9	STOP				OME				
											N/A	E -W							011	00
											PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
																UNK				
00838	N N N N	03/11/2019	CLACKAMAS	1 12	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT			,					29
NONE		MO		MN 0	E		TRF SIGNAL	N	DRY	REAR	PRVTE	E -W							000	00
N		4P	PORTLAND UA	3.73	06	0		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	78	F OR-Y		026	000	29
N		45 25 21.56	-122 34 55.68	017100100800												OR<25	5			

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

Highway 171 ALL ROAD TYPES, MP 3.70 to 3.96 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage 171: CLACKAMAS

11 - 17 of 74 Crash records shown.

S D M SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C		CITY	COMPNT FIRST STREET	DIRECT		INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A S	<u>.</u>				
RD DPT E L G N H		URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT		COLL	OWNER	FROM	PRTC	TNJ		LICNS	DED			
UNLOC? D C S V L		LONG	MILEPNT LRS	100114	(#LANES)			LIGHT		V# TYPE	TO	P# TYPE				LOC	ERROR	ACT EVENT	CAUSE
										02 NONE 0	STOP								
										PRVTE	E -W							011	00
										PSNGR CAR		01 DRVR	INJC	38 M	OR-Y OR<25		000	000	00
01145 27 27 27 27	04/10/2022	GT A GWAMA G	1 10	TNITTED	apoaa	NT	3.7	GT D	G 1000	01 NOVE 0	GED GIVE				UR Z Z				20
01145 N N N N NO RPT	04/19/2020 SU	CLACKAMAS	1 12 MN 0	INTER E	CROSS	N TRF SIGNAL	N N	CLR DRY	S-1STOP REAR	01 NONE 0 PRVTE	STRGHT E -W							000	29 00
N N	10A	PORTLAND UA	3.73	06	0	IKI DIGNAL	N	DAY	INJ	PSNGR CAR	В М	01 DRVR	INJB	25 F	OR-Y		026	000	29
N	45 25 21.54	-122 34 55.69	017100100800												OR>25				
										02 NONE 0	STOP								
										PRVTE	E -W							011	00
										PSNGR CAR		01 DRVR	NONE	26 F			000	000	00
															OR<25				
02392 Y N N N	07/23/2021	CLACKAMAS	1 12	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29,01
NONE	FR		MN 0	E	1	TRF SIGNAL	N	DRY	REAR	PRVTE	E -W	0.1 DDIM	MONTE	10 M	OD 17		006 047	000	00
N N	5P 45 25 21.54	PORTLAND UA -122 34 55.69	3.73 017100100s00	06	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	18 M	OR-1 OR<25		026,047	000	29,01
IV	13 23 21.31	122 31 33.09	017100100500							02 NONE 0	STOP				01(123				
										PRVTE	E -W							011	00
										PSNGR CAR		01 DRVR	NONE	66 M	OR-Y		000	000	00
															OR<25				
										02 NONE 0	STOP							011	0.0
										PRVTE PSNGR CAR	E -W	02 PSNG	TNJC	66 F			000	011 000	00 00
										1 DIVOIC CITIC		02 1500	11100	00 1			000	000	
02675 N N N N N	N 09/10/2021	CLACKAMAS	1 12	INTER	CROSS	N	N	CLD	ANGL-OTH	01 NONE 9	TURN-R								04,08
STATE	FR		MN 0	E		TRF SIGNAL	N	DRY	TURN	N/A	S -E							016	00
N	6P	PORTLAND UA	3.73	06	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 Un	k UNK		000	000	00
N	45 25 21.55	-122 34 55.69	017100100S00												UNK				
										02 NONE 9	STRGHT							000	0.0
										N/A PSNGR CAR	W -E	01 DRVR	NONE	00 IIn	k iink		000	000	00 00
										1 DIVOIC CITE		OI DIEVIE	HOILE	00 01	UNK		000	000	
03602 N N N N N	N 12/29/2020	CLACKAMAS	1 12	INTER	CROSS	N	Y	CLR	FIX OBJ	01 NONE 9	TURN-L							091	08,17
	TU	022101111110	MN 0	SE	011000	TRF SIGNAL		DRY	FIX	N/A	N -E							000	00
N	5A	PORTLAND UA	3.73	06	0		N		PDO	PSNGR CAR		01 DRVR	NONE	00 Un	k UNK		000	000	00
N	45 25 21.55	-122 34 55.71	017100100S00												UNK				
01796 N N N N N	N 05/09/2017	CLACKAMAS	1 12	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 9	STRGHT								29,07
COUNTY	TU		MN 0	SW		TRF SIGNAL	N	DRY	REAR	N/A	S -N							000	00
N	10A	PORTLAND UA	3.73	06	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 Un			000	000	00
N	45 25 21.54	-122 34 55.69	017100100S00							0.2 NONE 0	CITIO D				UNK				
										02 NONE 9 N/A	STOP S -N							011	00
										PSNGR CAR	5 1	01 DRVR	NONE	00 Un	k UNK		000	000	00
														, , ,	UNK				
00769 N N N N N	N 03/12/2021	CLACKAMAS	1 12	INTER	CROSS	N	N	CLR	FIX OBJ	01 NONE 9	STRGHT							064	10
STATE	FR		MN 0	W		TRF SIGNAL	N	DRY	FIX	N/A	E -W							000	00
N	10A	PORTLAND UA	3.73	05	0		N	DAY	PDO	SEMI TOW		01 DRVR	NONE	00 Un	k UNK		000	000	00
N	45 25 21.54	-122 34 55.69	017100100s00												UNK				

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 3.70 to 3.96 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

18 - 21 of 74 Crash records shown.

S D M																			
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S				
RD DPT E L G N H I	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ		E LICN	S PED			
UNLOC? D C S V L		LONG	MILEPNT LRS		(#LANES)			LIGHT	SVRTY	V# TYPE	TO	P# TYPE		ΖE	X RES	LOC	ERROR	ACT EVENT	CAUSE
05325 NYNNN	N 12/14/2017	CLACKAMAS	1 12	INTER	CROSS	N	N	CLD	S-1STOP	01 NONE 0	STRGHT								27,29,33
STATE	TH		MN 0	W		TRF SIGNAL	N	DRY	REAR	PRVTE	W -E							000	00
N	10P	PORTLAND UA	3.73	06	0		N	DLIT	INJ	PSNGR CAR		01 DRVR	NONE	21			016,026,05	1 038	27,29,33
N	45 25 21.54	-122 34 55.69	017100100S00							02 NONE 0	STOP				OR<2	5			
										PRVTE	W -E							011	00
										PSNGR CAR	–	01 DRVR	INJC	23	F OR-Y		000	000	00
															OR<2	5			
										02 NONE 0	STOP								
										PRVTE	W -E							011	00
										PSNGR CAR		02 PSNG	INJC	27	F		000	000	00
01550	05 /04 /0010									0.1									05.16.15
01752 N N N N N N STATE	N 05/24/2018 TH	CLACKAMAS	1 12 MN 0	INTER W	CROSS	N TRF SIGNAL	N N	CLR DRY	O-1STOP HEAD	01 NONE 0 PRVTE	STRGHT E -W							007	05,16,17 00
N	8A	PORTLAND UA	3.73	06	0	IKF SIGNAL	N	DAY	INJ	PSNGR CAR	E -W	01 DRVR	INJC	28	M OR-Y		080	025	05,16,17
N	45 25 21.55	-122 34 55.7	017100100s00												OR<2				, ,
										02 NONE 0	STOP								
										PRVTE	W -E							012 013	00
										PSNGR CAR		01 DRVR	INJC	51			000	000	00
										03 NONE 0	STOP				OR<2	5			
										PRVTE	W -E							022	00
										PSNGR CAR		01 DRVR	NONE	73	M OR-Y		000	000	00
															OR<2	5			
01055 N N N N N	N 04/01/2019	CLACKAMAS	1 12	INTER	CROSS	N	N	CLD	S-1STOP	01 NONE 9	STRGHT								27,29
STATE	MO		MN 0	W		TRF SIGNAL	N	DRY	REAR	N/A	W -E							000	00
N	6A	PORTLAND UA	3.73	06	0		N	DAWN	PDO	PSNGR CAR		01 DRVR	NONE	00			000	000	00
N	45 25 21.54	-122 34 55.69	017100100800							02 NONE 9	STOP				UNK				
										N/A	W -E							011	00
										PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
															UNK				
04022 N N N N N	N 12/21/2021	CLACKAMAS	1 12	INTER	CROSS	N	N	CLD	PRKD MV	01 NONE 0	STRGHT							005	29,11
STATE	TU		MN 0	W		TRF SIGNAL	N	DRY	REAR	PRVTE	W -E							000	00
N	4A	PORTLAND UA	3.73	06	0		N	DARK	INJ	PSNGR CAR		01 DRVR	INJB	50			026	000	29
N	45 25 21.54	-122 34 55.69	017100100S00												OR<2	5			
											_								
											STRGHT	01 PED	INJB	44	M	I IN	RD 015,010	044 005	00
											W E								
										02 NONE 0	W Ł PRKD-I								
										PRVTE	W -E							023	11
										PSNGR CAR									
04004 N N N N	09/27/2017	CLACKAMAS	1 12	INTER	CROSS	N	N	CLR	ANGL-OTH	01 NONE 9	TURN-R								02
NONE	WE		MN 0	CN		TRF SIGNAL	N	DRY	TURN	N/A	N -M							000	00
N	8P	PORTLAND UA	3.73	01	0		N	DARK	PDO	PSNGR CAR		01 DRVR	NONE	00			000	000	00
N	45 25 21.54	-122 34 55.69	017100100S00												UNK				

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 3.70 to 3.96 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

22 - 26 of 74 Crash records shown.

S	D M																			
	R J S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
	U I C O DAY	CITY	COMPNT FIRST STREET	DIRECT		INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S					
RD DPT E L	G N H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LIC	NS P	PED			
	S V L K LAT	LONG	MILEPNT LRS		(#LANES)			LIGHT		V# TYPE	TO	P# TYPE					LOC	ERROR	ACT EVENT	CAUSE
										02 NONE 9	STRGHT									
										N/A	E -W								000	00
										SEMI TOW		01 DRVR	NONE	00	Unk UNK UNK			000	000	00
															UNK					
	I N N N N 05/20/2018	CLACKAMAS	1 12	INTER	CROSS	N GIGNN	N	CLR	ANGL-OTH	01 NONE 0	STRGHT								0.00	04
STATE N	SU 7P	PORTLAND UA	MN 0 3.73	CN 01	0	TRF SIGNAL	N N	DRY DUSK	ANGL INJ	PRVTE PSNGR CAR	N -S	01 DRVR	TNTC	23	м ор-	v		000	000	00
N	45 25 21.54	-122 34 55.7	017100100s00	01	O		IA	DOSK	INO	FBNGK CAK		OI DRVR	INOC	23	OR<			000	000	00
										01 NONE 0	STRGHT				-					
										PRVTE	N -S								000	00
										PSNGR CAR		02 PSNG	INJC	21	M			000	000	00
										01 NONE 0	STRGHT									
										PRVTE PSNGR CAR	N -S	03 PSNG	TNIC	27	M			000	000	00
										FBNGK CAK		05 FBNG	INOC	27	141			000	000	00
										01 NONE 0	STRGHT									
										PRVTE	N-S								000	00
										PSNGR CAR		04 PSNG	INJC	26	M			000	000	00
										02 NONE 0	STRGHT									
										PRVTE PSNGR CAR	E -W	01 DRVR	TNIC	10	м ор-	v		020	000	00 04
										PSNGR CAR		OI DRVR	INOC	40	M OR-			020	000	04
00105 N N	N N 01/10/2018	CLACKAMAS	1 12	INTER	CROSS	N	N	RAIN	ANGL-OTH	01 NONE 9	STRGHT				010					02
NONE	WE	CLACKAMAS	MN 0	CN	CROSS	TRF SIGNAL	N	WET	TURN	N/A	E -W								000	00
N	5P	PORTLAND UA	3.73	01	0	1111 01011111	N	DLIT	PDO	PSNGR CAR	2	01 DRVR	NONE	00	Unk UNK			000	000	00
N	45 25 21.55	-122 34 55.69	017100100800												UNK					
										02 NONE 9	TURN-R									
										N/A	N -M								000	00
										PSNGR CAR		01 DRVR	NONE	00				000	000	00
															UNK					
	I N N N N 05/20/2021	CLACKAMAS	1 12	INTER	CROSS	N	N	CLR		01 NONE 9	TURN-R								0.1.5	27,04
STATE	TH		MN 0	CN 01	0	TRF SIGNAL	N	DRY	TURN	N/A	N -W	01 DDIM	NONE	0.0	Timle TINIZ			000	016	00
N N	2P 45 25 21 54	PORTLAND UA -122 34 55.69	3.73 017100100S00	01	U		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	UNK UNK			000	000	00
24	15 25 21.51	122 31 33.03	017100100500							02 NONE 9	STRGHT				OIVIC					
										N/A	E -W								000	00
										PSNGR CAR		01 DRVR	NONE	00	Unk UNK			000	000	00
															UNK					
03905 N N	N N N N 10/31/2019	CLACKAMAS	1 12	INTER	CROSS	N	N	CLR	ANGL-OTH	01 NONE 9	STRGHT									04
STATE	TH		MIN 0	CN		TRF SIGNAL	N	DRY	ANGL	N/A	S -N								000	00
N	7A	PORTLAND UA	3.73	02	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00				000	000	00
N	45 25 21.54	-122 34 55.7	017100100S00							0.0 MONTE 0	OMP CTTM				UNK					
										02 NONE 9 N/A	STRGHT E -W								000	00
										N/A PSNGR CAR	ъ – М	01 DRVR	NONE	0.0	Unk UNK			000	000	00
										2 227011 67111		JI DIVIN	1.0111	30	UNK			500		. .

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 3.70 to 3.96 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

27 - 31 of 74 Crash records shown.

Property color: Property c	S D M																				
Note 1	SER# P R J S W DA	ATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
Mile	INVEST E A U I C O DA	AY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S					
Mile	RD DPT E L G N H R TI	IME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LI	CNS	PED			
This State State											V# TYPE								ERROR	ACT EVENT	CAUSE
Mathematical Control of the contro	00028 N N N N N N 01	1/03/2020	CLACKAMAS	1 12	INTER	CROSS	N	N	CLD	ANGL-OTH	01 NONE 0	STRGHT									04
The content of the	STATE FR	R		MN 0	CN		TRF SIGNAL	N	DRY	ANGL	PRVTE	E -W								000	00
	N 5P	P	PORTLAND UA	3.73	02	0		N	DLIT	INJ	PSNGR CAR		01 DRVR	INJC	56	M OR	-Y		000	000	00
Column C	N 45	5 25 21.57	-122 34 55.7	017100100500												OR	<25				
Column C																					
Column C												E -W	00 5070		5 6	_			0.00		
Part											PSNGR CAR		02 PSNG	INJC	56	F.			000	000	00
Part											0.2 NONE 0	STRCHT									
																				000	00
1 1 1 1 1 1 1 1 1 1											PSNGR CAR		01 DRVR	NONE	66	M OR	-Y		020		
Property color																OR	<25				
Property color	02502 N N N N N N 08	8/27/2021	CLACKAMAS	1 12	INTER	CROSS	N	N	CLR	ANGL-OTH	01 NONE 9	STRGHT									27,04,02
N N N N N N N N N N	STATE FR	R		MIN 0	CN		TRF SIGNAL	N	DRY	ANGL	N/A	S -N								000	00
Control Cont	N 2P	P	PORTLAND UA	3.73	02	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UN	K		000	000	00
	N 45	5 25 21.54	-122 34 55.69	017100100500												UN	K				
Color Colo												E -W	0.1			,					
1											PSNGR CAR		01 DRVR	NONE	00				000	000	00
N																UN.	r.				
N			CLACKAMAS			CROSS														222	
N 12 12 13 15 11 11 11 11 11 11			DODEL AND IIA			0	TRF SIGNAL					W -E	01 DDID	NONE	0.0	TT l- TTNT	7.7		0.00		
Column C					0.3	U		IN	DAWN	PDO	PSNGR CAR		UI DRVR	NONE	00				000	000	00
N N N N 12/15/2017 CLACKAMAS 1 12 25T6GH 10 N N N 12/15/2017 CLACKAMAS 1 12 25T6GH 10 N N N 12/15/2017 CLACKAMAS 1 12 25T6GH 10 N N N 12/15/2017 11/10/10/10/2017 11/10/2017	11 +3	3 23 21.33	-122 34 33.71	01/100100500							0.2 NONE 9	TIIRN-I.				OIV.	IC				
PSNGR PSNG																				000	00
1 1 1 1 1 1 1 1 1 1											PSNGR CAR		01 DRVR	NONE	00	Unk UN	K		000		00
NOME FR																UN	K				
N 45 25 21.32 -122 34 54.27 017100100S00 (05) N N N N 03/15/2017 CLACKAMAS 1 12 STRGHT N N N 0 N 0 N 0 N N 0 N 0 N 0 N 0 N 0	05361 N N N N 12	2/15/2017	CLACKAMAS	1 12	STRGHT		N	N	CLR	S-STRGHT	01 NONE 9	STRGHT									13
N 45 25 21.32 -12 34 54.27 01710010S00 015 1 1 1 1 1 1 1 1 1	NONE FR	R		MIN 0	UN	(NONE)	UNKNOWN	N	DRY	SS-O	N/A	M -E								000	00
1 1 1 1 1 1 1 1 1 1	N 3F	P	PORTLAND UA	3.75	04			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UN	K		000	000	00
NA N N N N N N N N N	N 45	5 25 21.32	-122 34 54.27	017100100500		(05)										UN	K				
PSNG CAR CAR NONE OLACKAMAS 1 1 2 STRGHT N N RAIN S-1STOP OLACKAMAS N N N N N N N N N																					
N N N N N N N N N N												W -E	0.1			,					
00989 N N N N 03/15/2017 CLACKAMAS 1 12 STRGHT N N RAIN S-1STOP 01 NONE 0 STRGHT NONE WE MN 0 UN (NONE) TRF SIGNAL N WET REAR PRVTE E -W NOTION OF SA PORTLAND UA 3.75 06 N DARK INJ PSNGR CAR 01 DRVR NONE 32 F OR-Y 026 000 29 OR-25 N 45 25 21.32 -122 34 54.27 017100100S00 (05) N WE WE WE MN 0 UN (NONE) TRF SIGNAL N WET REAR PRVTE E -W N DARK INJ PSNGR CAR 01 DRVR NONE 32 F OR-Y 026 000 29 OR-25 N PRVTE E -W N ON											PSNGR CAR		01 DRVR	NONE	00				000	000	00
NONE WE MN 0 UN (NONE) TRF SIGNAL N WET REAR PRVTE E -W N 5A PORTLAND UA 3.75 06 N DARK INJ PSNGR CAR 01 DRVR NONE 32 F OR-Y 026 000 29 N 45 25 21.32 -122 34 54.27 017100100500 (05) N 1 1 2 34 54.27 017100100500 FROM STRGHT PRVTE E -W PSNGR CAR 02 PSNG NO<5 04 F 000 000 00 ON 00 00 00 000 000 000 000 000 000 000	00000	0.45.40555									0.0					UN.	IV.				
N 5A PORTLAND UA 3.75 06 N DARK INJ PSNGR CAR 01 DRVR NONE 32 F OR-Y 026 000 29 N 45 25 21.32 -122 34 54.27 017100100800 (05) OR<25 OR O			CLACKAMAS			(MONTE)														000	
N 45 25 21.32 -122 34 54.27 017100100S00 (05) 01 NONE 0 STRGHT PRVTE E -W PSNGR CAR 02 PSNG NO<5 04 F 000 000 000 000			DODEL VIID IIV			(NONE)	TRF SIGNAL						01 DD17D	MONTE	2.0	E OD	v		0.26		
01 NONE 0 STRGHT PRVTE E -W 000 00 PSNGR CAR 02 PSNG NO<5 04 F 000 000					06	(05)		IN	DAKK	INU	PSNGR CAR		UI DRVR	NONE	34				026	000	29
PRVTE E -W 000 00 PSNGR CAR 02 PSNG NO<5 04 F 000 000	1, 40	, 2, 21.32	122 31 31.27	01,100100500		(05)					01 NONE 0	STRGHT				OR	- 4 J				
PSNGR CAR 02 PSNG NO<5 04 F 000 000 00																				000	00
													02 PSNG	NO<5	04	F			000		
02 NONE 0 STOP											02 NONE 0	STOP									
PRVTE E -W 011 00												E -W									
PSNGR CAR 01 DRVR INJC 36 M OR-Y 000 000 00											PSNGR CAR		01 DRVR	INJC	36				000	000	00
OR<25																OR	<25				

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 3.70 to 3.96 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

32 - 37 of 74 Crash records shown.

S D M																					
SER# P R J	S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE	1				SPCL USE											
INVEST E A U I	C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				А	S					
RD DPT E L G N	H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INC	J	G	E LIC	'NS I	PED			
UNLOC? D C S V	L K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVI	RTY	E	X RES	S I	LOC	ERROR	ACT EVENT	CAUSE
01716 N N N N	06/24/2021	CLACKAMAS	1 12	STRGHT		N	N	CLR	S-STRGHT	01 NONE 0	STRGHT										29
STATE	TH		MN 0	UN	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	E - W									000	00
N	1P	PORTLAND UA	3.75	07			N	DAY	INJ	PSNGR CAR		01 DRVR	IN	JC	34	OR-	·Y		042	000	29
N	45 25 21.32	-122 34 54.26	017100100S00		(06)											OR<	:25				
										02 NONE 0	STRGHT										
										PRVTE	E -W									000	00
										PSNGR CAR		01 DRVR	NOI	NE	35 1	F OR- OR<			000	000	00
01181 N N N N	N N 03/28/2017	CLACKAMAS	1 12	STRGHT		N	N	CLD	S-STRGHT	01 NONE 9	STRGHT									084	13
STATE	TU		MIN 0	UN	(NONE)	L-TURN REF	N	DRY	SS-O	N/A	E - W									000	00
N	8A	PORTLAND UA	3.76	05			N	DAWN	PDO	PSNGR CAR		01 DRVR	NOI	ΙE	00	Jnk UNK			000	000	00
N	45 25 21.22	-122 34 53.55	017100100S00		(05)											UNK					
										02 NONE 9	STRGHT										
										N/A	E -W									000	00
										PSNGR CAR		01 DRVR	NOI	ΝE	00	Jnk UNK UNK			000	000	00
02065 N N N N	N N 07/20/2021	CLACKAMAS	1 12	STRGHT		Y	N	CLR	S-1STOP	01 NONE 9	STRGHT										27,29
STATE	TU		MIN 0	UN	(NONE)	UNKNOWN	N	DRY	REAR	N/A	E - W									000	00
N	3P	PORTLAND UA	3.76	06			N	DAY	PDO	PSNGR CAR		01 DRVR	NOI	ΝE	00	Jnk UNK			000	000	00
N	45 25 21.22	-122 34 53.55	017100100800		(05)											UNK					
										02 NONE 9	STOP										
										N/A	E -W	0.4					_			011	00
										PSNGR CAR		01 DRVR	NOI	ΝE	00	JNK UNK UNK			000	000	00
04381 N N N N	N N 12/06/2019	CLACKAMAS	1 12	STRGHT		N	N	CLR	S-1STOP	01 NONE 9	STRGHT										27,29
STATE	FR		MN 0	UN	(NONE)	NONE	N	DRY	REAR	N/A	E -W									000	00
N	8A	PORTLAND UA	3.77	07			N	DAY	PDO	PSNGR CAR		01 DRVR	NOI	ΝE	00	Jnk UNK			000	000	00
N	45 25 21.13	-122 34 52.86	017100100S00		(05)											UNK					
										02 NONE 9	STOP									0.1.1	0.0
										N/A	E -W	01 DDIM	MO	a To	00 1	Tole IINIV			000	011 000	00 00
										PSNGR CAR		01 DRVR	NOI	NE	00	UNK			000	000	00
01793 N N N N	05/22/2018	CLACKAMAS	1 12	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT										29
NONE	TU		MN 0	UN	(NONE)	UNKNOWN	N	DRY	REAR	PUBLC	E -W									000	00
N	9A	PORTLAND UA	3.78	06			N	DAY	INJ	SCHL BUS		01 DRVR	NOI	ΊE	64				026	000	29
N	45 25 21.03	-122 34 52.12	017100100S00		(05)					0.0 110177	ame 5					OR<	:25				
										02 NONE 0 PRVTE	STOP E -W									011	0.0
										PRVIE PSNGR CAR	ъ -W	01 DRVR	T M.	TC	42	- G O 5	. Υ		000	000	00 00
										PBNGK CAK		OI DRVR	TIM	, С	12 .	OR<			000	000	00
02051 N N N N		CLACKAMAS	1 12	STRGHT		N	N	CLD	S-1STOP	01 NONE 9	STRGHT										07,29
STATE	TH		MN 0	UN	(NONE)	UNKNOWN	N	DRY	REAR	N/A	W -E	0.4				_ ,	_			000	00
N	8A	PORTLAND UA	3.78	06	(0=)		N	DAY	PDO	TRUCK		01 DRVR	NOI	ΊE	00				000	000	00
N	45 25 21.03	-122 34 52.13	017100100S00		(05)					O NONTE	CITIOD					UNK	-				
										02 NONE 9 N/A	STOP W -E									011	0.0
										N/A PSNGR CAR	W -F	01 DRVR	МО	JF.	00 1	Ink IINIK			000	000	00
										TONGT CAR		OT DRAK	1101		50	UNK			000	000	00

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 3.70 to 3.96 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

38 - 43 of 74 Crash records shown.

S D	М																			
SER# P R	J S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U	I C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				A S					
RD DPT E L G	N H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ		G E	LICNS	PED			
UNLOC? D C S	V L K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVR				LOC	ERROR	ACT EVENT	CAUSE
03907 N N N	N N N 11/06/2019	CLACKAMAS	1 12	STRGHT		Y	N	CLR	S-1STOP	01 NONE	STRGHT									27
STATE	WE		MN 0	UN	(NONE)	TRF SIGNAL	N	DRY	REAR	PRVTE	E -W								000	00
N	7A	PORTLAND UA	3.78	06			N	DAY	INJ	SEMI TOW		01 DRVR	NON	E 3	3 M	OR-Y		016,026	038	27
N	45 25 21.02	-122 34 52.14	017100100800		(05)											OR>25				
										02 NONE	STOP								0.4.4	
										PRVTE	E -W	0.1 DDIM	T N T T	· a 4	10 M	OD 17		0.00	011	00
										PSNGR CAR		01 DRVR	INU	C 4	19 M	OR-1		000	000	00
03117 N N N	N N N 11/17/2020	CLACKAMAS	1 12	STRGHT		N	N	RAIN	S-STRGHT	01 NONE 0	STRGHT									27,29
STATE	TU		MN 0	UN	(NONE)	UNKNOWN	N	WET	REAR	PRVTE	E -W								000	00
N	5P	PORTLAND UA	3.78	07			N	DLIT	INJ	PSNGR CAR		01 DRVR	INJ	C 6	66 M	OR-Y		016,042	038	27,29
N	45 25 21.02	-122 34 52.12	017100100S00		(05)											OR<25				
										02 NONE 0	STOP									
										PRVTE	E -W								011	00
										PSNGR CAR		01 DRVR	INJ	C 3	80 M			000	000	00
										02 NONE 0	STOP					OR<25				
										PRVTE	E -W								011	00
										PSNGR CAR	<u> </u>	02 PSNG	INJ	C 3	32 F			000	000	00
02584 N Y N	N N N 09/25/2020	CLACKAMAS	1 12	STRGHT		N	N	CLD	S-1STOP	01 NONE 0	STRGHT								013	27,07
STATE	FR		MN 0	UN	(NONE)	NONE	N	DRY	REAR	PRVTE	E -W								000	00
N	4P	PORTLAND UA	3.79	06			N	DAY	INJ	PSNGR CAR		01 DRVR	INJ	C 3	37 F			043,026	038	27,07
N	45 25 20.94	-122 34 51.43	017100100S00		(05)					0.0 270277	a====					OR<25				
										02 NONE 0 PRVTE	STOP E -W								011 013	00
										PSNGR CAR	E -M	01 DRVR	NON	TE 1	9 м	OR-Y		000	000	00
										I DIVOIT OFFIC		01 211111	1.01.			OR<25				
										03 NONE 0	STOP									
										PRVTE	E -W								022	00
										PSNGR CAR		01 DRVR	NON	E 4	19 F	OR-Y		000	000	00
																OR<25				
03301 N N N	N N N 09/16/2019	CLACKAMAS	1 12	STRGHT		N	N	CLR	OVERTURN	01 NONE 0	STRGHT									07
STATE	MO		MN 0	UN	(NONE)	NONE	N	DRY	OTH	PRVTE	W -E								007	00
Y	1P	PORTLAND UA	3.80	03			N	DAY	INJ	MTRCYCLE		01 DRVR	INJ	В 2	23 M			080,083	000	07
N	45 25 20.83	-122 34 50.7	017100100S00		(05)											OR<25				
	N N N 02/12/2019	CLACKAMAS	1 12	STRGHT	(<u>)</u>	N	Y	RAIN	FIX OBJ	01 NONE 0	STRGHT								042	10
STATE	TU	DODEL AND 114	MN 0	UN	(NONE)	NONE	N	WET	FIX	PRVTE	W -E	0.1 DDID	T. T. T. T			OD 11		0.00	000 042	00
Y N	1A 45 25 20.62	PORTLAND UA -122 34 49.27	3.82 017100100s00	01	(05)		N	DARK	INJ	PSNGR CAR		01 DRVR	INJ	В 2	3 F	OR-Y OR<25		080	000	10
				CMD CITIE	(03)	N.	NT.	GI D	а 1 ашор	0.1 NONE 0	OMD GLIM					01(12)				20
02323 N N N NONE	N 06/13/2017 TU	CLACKAMAS	1 12 MN 0	STRGHT UN	(NONE)	N UNKNOWN	N N	CLD DRY	S-1STOP REAR	01 NONE 9 N/A	STRGHT W -E								000	29 00
N	6P	PORTLAND UA	3.83	04	(1401417)	OTATICTA O MATA	N	DAY	PDO	PSNGR CAR	AA - 172	01 DRVR	NON	EΩ)() IIn	k UNK		000	000	00
N		-122 34 48.55	017100100800		(05)					_ 52.52. 6711.		-1 21(11)	2.020	_ 0	. 011	UNK				
										02 NONE 9	STOP									
										N/A	W -E								011	00
										PSNGR CAR		01 DRVR	NON	E 0	00 Un	k UNK		000	000	00
																UNK				

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 3.70 to 3.96 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

44 - 46 of 74 Crash records shown.

S D	М																			
SER# P R	J S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U	I C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			i	A S					
RD DPT E L G	N H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	(E LI	CNS P	PED			
UNLOC? D C S		LONG	MILEPNT LRS		(#LANES)		DRVWY	LIGHT		V# TYPE	TO	P# TYPE	SVR					ERROR	ACT EVENT	CAUSE
02304 N N N	N 06/12/2017	CLACKAMAS	1 12	STRGHT		N	N	CLR	S-STRGHT	01 NONE 9	STRGHT									29
NO RPT	MO		MN 0	UN	(NONE)	UNKNOWN	N	DRY	SS-O	N/A	W -E								000	00
N	2P	PORTLAND UA	3.84	03			N	DAY	PDO	PSNGR CAR		01 DRVR	NON	E 0(Unk UN	K	(000	000	00
N	45 25 20.42	-122 34 47.83	017100100S00		(05)										UN	K				
										02 NONE 9	STRGHT									
										N/A	W -E								000	00
										PSNGR CAR		01 DRVR	NON	⊡ 0(Unk UN UN		(000	000	00
02869 N N N	N N N 07/17/2017	CLACKAMAS	1 12	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	C T D C I I T				UN	r.			013	29
STATE	MO	CLACKAMAS	MN 0	UN	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	STRGHT W -E								000	00
N	4P	PORTLAND UA	3.86	05	(NONE)	OINCINOWIN	N	DAY	INJ	PSNGR CAR	M -E	01 DRVR	NONI	7. 6 ¹	M OR	-V		026	000	29
N	45 25 20.23	-122 34 46.4	017100100S00	03	(05)		14	DIII	1110	I DIVOIT CITE		OI DICVIC	110111			>25	·	020	000	2,5
					/					02 NONE 0	STOP				31.	-				
										PRVTE	W -E								011 013	00
										PSNGR CAR		01 DRVR	INJ	3 !		-Y <25	(000	000	00
										02 NONE 0	STOP									
										PRVTE	W -E								011 013	00
										PSNGR CAR		02 PSNG	NO<	5 01	F		(000	000	00
										02 NONE 0	STOP									
										PRVTE	W -E								011 013	00
										PSNGR CAR		03 PSNG	INJ	0 !	F		(000	000	00
										02 NONE 0	STOP									
										PRVTE	W -E	0.4 David	T.N.T.T.	- n				000	011 013	00
										PSNGR CAR		04 PSNG	TNU	0 ک	IVI		,	000	000	00
										03 NONE 0	STOP									
										PRVTE	W -E								022	00
										PSNGR CAR		01 DRVR	INJ	2 42	F OR	-Y	(000	000	00
															OR	<25				
04225 N N N	N N N 10/10/2017	CLACKAMAS	1 12	STRGHT		N	N	CLR	S-1STOP	01 NONE 9	STRGHT									07,29
STATE	TU		MN 0	UN	(NONE)	UNKNOWN	N	DRY	REAR	N/A	W -E								000	00
N N	6A 45 25 19 83	PORTLAND UA -122 34 43.54	3.90 017100100s00	03	(05)		N	DLIT	PDO	PSNGR CAR		01 DRVR	NON	⊡ 0(Unk UN UN		(000	000	00
					(/					02 NONE 9	STOP									
										N/A	W -E								011	00
										PSNGR CAR		01 DRVR	NON	E 00			(000	000	00
															UN	K				
	N N N 12/28/2020	CLACKAMAS	1 12	STRGHT	/2702 \	N	N	CLR	S-1STOP	01 NONE 0	STRGHT								013	27,29
STATE	MO 4D	DODEL AND 113	MN 0	UN	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	W -E	01 555	370377		м с-	37		016 006	000	00
N N	4P 45 25 19.73	PORTLAND UA -122 34 42.83	3.91 017100100s00	03	(04)		N	DUSK	INJ	PSNGR CAR		01 DRVR	NON	5 5 ي		-Y >25	(016,026	038	27,29
										02 NONE 0	STOP									
										PRVTE	W -E								011 013	00
										PSNGR CAR		01 DRVR	NON	E 3€	M OR	-Y	(000	000	00
															ο	>25				

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 3.70 to 3.96 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

47 - 52 of 74 Crash records shown.

S D M																			
SER# P R J		COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I		CITY	COMPNT FIRST STREET	DIRECT		INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT E L G N		URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT		COLL	OWNER	FROM	PRTC	TNLT		E LICNS	DED			
UNLOC? D C S V		LONG	MILEPNT LRS	LOCIN	(#LANES)			LIGHT		V# TYPE	TO	P# TYPE				LOC	ERROR	ACT EVENT	CAUSE
0112001 2 0 2 1	2 11 2111	20110			(11212120)	001112	21177712		DVICE	03 NONE 0	STOP	- 111 - 111 - 1	DVICE		1120			1101 2 (21)	011002
										PRVTE	M - E							011	00
										PSNGR CAR		01 DRVR	INJC	36 F			000	022	00
															OR<25				
01232 N N N N		CLACKAMAS	1 12	STRGHT		Y	N	CLR	S-1STOP	01 NONE 9	STRGHT								27,13
NONE	WE		MN 0	UN	(NONE)	TRF SIGNAL	N	DRY	REAR	N/A	M -E							000	00
N	2P	PORTLAND UA	3.91	03	(04)		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 U1			000	000	00
N	45 25 19.75	-122 34 42.86	017100100S00		(04)					02 NONE 9	STOP				UNK				
										N/A	W -E							011	00
										PSNGR CAR	2	01 DRVR	NONE	00 U1	nk UNK		000	000	00
															UNK				
02011 N N N N	07/31/2020	CLACKAMAS	1 12	STRGHT		N	N	CLR	S-STRGHT	01 NONE 0	STRGHT								29
NO RPT	FR		MN 0	UN	(NONE)	NONE	N	DRY	REAR	PRVTE	E -W							000	00
N	3P	PORTLAND UA	3.92	05			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	43 M	OR-Y		042	000	29
N	45 25 19.63	-122 34 42.12	017100100800		(05)										OR<25				
										02 NONE 0	STRGHT								
										PRVTE	E -W	01 5575		25 5	05. **		0.00	000	00
										PSNGR CAR		01 DRVR	INJB	37 F	OR-Y OR<25		000	000	00
										02 NONE 0	STRGHT				OR<25				
										PRVTE	E -W							000	00
										PSNGR CAR		02 PSNG	INJB	02 M			000	000	00
01222 N N N N	N N 05/11/2021	CLACKAMAS	1 12	STRGHT		Y	N	CLR	S-1STOP	01 NONE 9	STRGHT								07
STATE	TU		MN 0	UN	(NONE)	TRF SIGNAL	N	DRY	REAR	N/A	M -E							000	00
N	3P	PORTLAND UA	3.93	03			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 U1	nk UNK		000	000	00
N	45 25 19.54	-122 34 41.43	017100100S00		(04)										UNK				
										02 NONE 9	STOP							011	0.0
										N/A PSNGR CAR	W -E	01 DRVR	NONE	00 11	יף נואוג		000	011 000	00 00
										FBNGK CAK		OI DRVR	NONE	00 01	UNK		000	000	00
02292 N N N N	06/04/2019	CLACKAMAS	1 12	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
NONE NONE	TU	CLIACKAMAS	MN 0	UN	CROAD	TRF SIGNAL	N	DRY	REAR	PRVTE	W -E							000	00
N	5P	PORTLAND UA	3.96	06	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	56 F	OR-Y		026	000	29
N	45 25 19.23	-122 34 39.25	017100100500												OR<25				
										02 NONE 0	STOP								
										PRVTE	M -E							011	00
										PSNGR CAR		01 DRVR	INJC	20 M			000	000	00
															OR<25				
05001 Y Y N N		CLACKAMAS	1 12	INTER	CROSS	N	Y	CLD	FIX OBJ	01 NONE 0	TURN-L							043,01	
STATE	SA	DODEL AND TO	MN 0	E	2	TRF SIGNAL	N	DRY	FIX	PRVTE	N -E	01 555	T1770	20 **	05 ***		0.45	000 043,01	
N	2A 45 25 19.23	PORTLAND UA	3.96	05	2		N	DLIT	INJ	PSNGR CAR		01 DRVR	INJC	32 M	OR-Y OR<25		047	000	ÛΙ
NT	42 /2 19 / 4	-122 34 39.25	017100100800												UK<25				
N																			
02416 N N N N	N Y 09/03/2020	CLACKAMAS	1 12	INTER	CROSS	N STONAL	N	CLR		N 01 NONE 0	STRGHT							0.00	02,08
02416 N N N N STATE	N Y 09/03/2020 TH		MN 0	SE		N TRF SIGNAL	N	DRY	TURN	PRVTE	STRGHT W -E	מזפח 11	TM:TD	20 ₽	\Tu-v		000	000	00
02416 N N N N	N Y 09/03/2020 TH 9P	CLACKAMAS PORTLAND UA -122 34 39.25			CROSS							01 DRVR	INJB	20 F	OTH-Y N-RES		000	000 000	

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 3.70 to 3.96 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

53 - 57 of 74 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U I C		CITY	COMPNT FIRST STREET	DIRECT		INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			Α	S					
RD DPT E L G N H		URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT		COLL	OWNER	FROM	PRTC	TNJT		E LIC	NS PE	ED			
UNLOC? D C S V L		LONG	MILEPNT LRS	20011	(#LANES)			LIGHT		V# TYPE	TO	P# TYPE						ERROR	ACT EVENT	CAUSE
										02 NONE 1	TURN-L						-			
										PRVTE	E -S								000	00
										SEMI TOW		01 DRVR	NONE	50				028,004	000	02,08
															OR>	25				
01363 N N N N N		CLACKAMAS	1 12	INTER	CROSS	N EDE GEGNIE	N	CLR	S-1STOP	01 NONE 0	STRGHT								0.00	07
STATE N	MO 4P	PORTLAND UA	MN 0 3.96	W 06	3	TRF SIGNAL	N N	DRY DAY	REAR INJ	PRVTE PSNGR CAR	W -E	01 DRVR	NONE	20	F SUS	D		043	000 000	00 07
N	45 25 19.23	-122 34 39.25	017100100S00	00	3		1//	DAI	INU	PSNGR CAR		OI DRVR	NONE	20	OR>			043	000	0 7
	10 20 17.20	122 31 37.23	01/10010000							02 NONE 0	STOP				010					
										PRVTE	W -E								011	00
										PSNGR CAR		01 DRVR	INJC	49	F OR-	Y		000	000	00
															OR<	25				
01296 N N N N	05/18/2021	CLACKAMAS	1 12	INTER	CROSS	N	N	CLR	ANGL-OTH	01 NONE 9	TURN-L									15
NONE	TU		MN 0	CN		ONE-WAY	N	WET	TURN	N/A	S -W								000	00
N	1P	PORTLAND UA	3.96	04	1		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00				000	000	00
N	45 25 19.23	-122 34 39.25	017100100800							0.0 NONE 0	CMD CITM				UNK					
										02 NONE 9 N/A	STRGHT W -E								000	00
										SEMI TOW	W E	01 DRVR	NONE	00	Unk UNK			000	000	00
															UNK					
01530 N N N N	06/07/2021	CLACKAMAS	1 12	INTER	CROSS	N	N	CLR	ANGL-OTH	01 NONE 9	TURN-R									02
NO RPT	MO		MN 0	CN		TRF SIGNAL	N	DRY	TURN	N/A	S -E								000	00
N	9A	PORTLAND UA	3.96	04	1		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK			000	000	00
N	45 25 19.23	-122 34 39.25	017100100S00												UNK					
										02 NONE 9	STRGHT								0.00	0.0
										N/A PSNGR CAR	W -E	01 DRVR	NONE	0.0	ווהל וואוג			000	000	00
										I DIVOIC CAIC		OI DRVR	NONE	00	UNK			000	000	00
03521 N N N N N	N 10/02/2018	CLACKAMAS	1 12	INTER	CROSS	N	N	CLR	ANGL-OTH	01 NONE 0	TURN-R								013	04
STATE	TU		MN 0	CN		TRF SIGNAL	N	DRY	TURN	PRVTE	N -M								000	00
N	8A	PORTLAND UA	3.96	07	2		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	87	F OTH	-Y		020	000	04
N	45 25 19.24	-122 34 39.25	017100100S00												N-R	ES				
										02 NONE 0	STRGHT									
										PRVTE	E -W	01 DDITT	NONE	2.2	м оши	37		000	000 013	
										PSNGR CAR		01 DRVR	NONE	23	M OIH			000	000	00
										03 NONE 0	STRGHT				Oic	23				
										PRVTE	E -W								022	00
										PSNGR CAR		01 DRVR	INJC	55	F OR-	Y		000	000	00
															OR<	25				
										03 NONE 0	STRGHT									
										PRVTE	E -W	00 David	T.1.T.C	0.1	_			000	022	00
										PSNGR CAR		02 PSNG	TNJC	21	r'			000	000	00
02673 N N N N N	N 08/05/2019	CLACKAMAS	1 12 1	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT								013	27,07,29
STATE	MO	Jan 10111 m 10	CN 0	M	01.000	TRF SIGNAL	N	DRY	REAR	PRVTE	W -E								000	00
N	4P	PORTLAND UA	3.96	06	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	44	F OR-	Y		043,026	038	27,07,29
N	45 25 17.65	-122 34 28.43	0171AK100S00												OR<	25				

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

Highway 171 ALL ROAD TYPES, MP 3.70 to 3.96 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage 171: CLACKAMAS

58 - 62 of 74 Crash records shown.

Color Colo				
Martin				
Part				
Campaigness				
Part	ACT EVENT	.CT EVENT	EVENT (CAUSE
Column				
Column C	011 013 000			00
Part	000	00	U	00
Column C				
State Stat	022	22	(00
Part	000	00	(00
No.				
Martin			1	13
	000	00	C	00
Column	000	00	1	13
Part	000	100	,	0.0
Carrier Carr	000			00
N	000	00	· ·	00
N				08
N 6 6 6 FORTHAND 12 3 2 6 17 14 1 2 14 2 14 2 14 2 14 2 14 2 14 2	000	0.0		00
	000			00
Carboral				
PART				
	000			00
02504 N Y N N N N 07/23/2019 CLACKAMAS 2 12 INTER CROSS N N DEV REAR PRIVE E -W STATE TU	000	00	0	00
STATE				20.22
N 49 PORTLAND UN 3.82 017100200S0 2	000	0.0		29,33 00
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				29,33
PRT				
Part				
04358 N N N N N 1 0/20/2017 CLACKAMAS 2 12 STRGHT NONE TO THE SIGNAL N WET REAR PRVTE E-W 10 DRY NO. PSTRGHT NO. P	011			00
March Marc	000	00	C	00
NO RPT FR				
N 7A PORTLAND UA 3.83 05 N DAY INJ PSNGR CAR 01 DRVR NONE 31 M OR-Y 026 000 N 45 25 19.04 -122 34 37.7 017100200800 (04) N 15 25 19.04 -122 34 37.7 01710020080 (04) N 15 25 19.04 -122 34 37.7 01710020080				29
N 45 25 19.04 -122 34 37.7 01710020000 (04)	000			00
02 NONE 0 STOP PRVTE E	000	00	2	29
PRVTE E -W PSNGR CAR O1 DRVR INJC 64 F OR-Y O00				
PSNGR CAR DI DRVR INJC 64 F OR-Y O00	011	11	(00
00919 N N N N N 03/18/2019 CLACKAMAS 2 12 STRGHT N N CLR S-1STOP 01 NONE 0 STRGHT STATE MO MN 0 06 UN (NONE) NONE N DRY REAR PRVTE E-W N 8A PORTLAND UA 3.83 06 N DAWN INJ PSNGR CAR 01 DRVR INJC 40 F OR-Y 026 00	000			00
STATE MO MN 0 UN (NONE) NONE N DRY REAR PRVTE E -W 00 N 8A PORTLAND UA 3.83 06 N DAWN INJ PSNGR CAR 01 DRVR INJC 40 F OR-Y 026 00				
STATE MO MN 0 UN (NONE) NONE N DRY REAR PRVTE E -W 00 N 8A PORTLAND UA 3.83 06 N DAWN INJ PSNGR CAR 01 DRVR INJC 40 F OR-Y 026 00				29
	000	00		00
N 45 25 19.04 -122 34 37.7 017100200S00 (04)	000	00	2	29
01 NONE 0 STRGHT	0.00			0.0
	000			00
PSNGR CAR 02 PSNG INJC 09 M 000 00	000	00	U	00

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 3.70 to 3.96 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

63 - 68 of 74 Crash records shown.

S D M																			
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT		INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT E L G N H		URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT		COLL	OWNER	FROM	PRTC	INJ			CNS PEI)		
UNLOC? D C S V L		LONG	MILEPNT LRS	LOCIN	(#LANES)			LIGHT	SVRTY	V# TYPE	TO	P# TYPE						ACT EVENT	CAUSE
01.200. 2 0 0 7 2	11 2111	201.0	THEBETH BACK		(1122120)	001112	21177112		DVIIII	02 NONE 0	STOP	111 1111	D VICE					1101 2 (21)	011002
										PRVTE	E -W							011	00
										PSNGR CAR		01 DRVR	NONE	50	F OR	L-Y	000	000	00
															OR	<25			
00887 N N N N	03/15/2019	CLACKAMAS	2 12	STRGHT		N	N	CLR	S-1STOP	01 NONE 9	STRGHT								29
NO RPT	FR		MN 0	UN	(NONE)	NONE	N	DRY	REAR	N/A	E -W							000	00
N	UNK	PORTLAND UA	3.84	06			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UN	ΙK	000	000	00
N	45 25 19	-122 34 37.28	017100200S00		(04)										UN	ΙK			
										02 NONE 9	STOP								
										N/A	E -W							011	00
										PSNGR CAR		01 DRVR	NONE	00	Unk UN	ΙK	000	000	00
															UN	ΙΚ			
04112 N N N N N	N 09/08/2017	CLACKAMAS	2 12	STRGHT		N	N	SMOK	S-1TURN	01 NONE 9	U-TURN								27,08
STATE	FR		MN 0	UN	(NONE)	UNKNOWN	N	DRY	TURN	N/A	W-W							000	00
N	12A	PORTLAND UA	3.85	04			N	DARK	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UN	ſΚ	000	000	00
N	45 25 18.94	-122 34 36.83	017100200800		(04)										UN	ΙK			
										02 NONE 9	STRGHT								
										N/A	W -E							000	00
										PSNGR CAR		01 DRVR	NONE	00			000	000	00
															UN	IK			
00055 N N N N	01/05/2017	CLACKAMAS	2 12	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
NONE	TH		MN 0	UN	(NONE)	UNKNOWN	N	UNK	REAR	PRVTE	E -W							000	00
N	7A	PORTLAND UA	3.85	05			N	DAWN	INJ	PSNGR CAR		01 DRVR	NONE	37			026	000	29
N	45 25 18.94	-122 34 36.83	017100200S00		(04)										N-	RES			
										02 NONE 0	STOP							011	0.0
										PRVTE	E -W	01 DDIM	TNIC	6 2	M OD	. 37	000	011	0.0
										PSNGR CAR		01 DRVR	INJC	63		:-¥ :<25	000	000	00
															- OR	.<25			
01704 N N N N	06/23/2021	CLACKAMAS	2 12	BRIDGE	(N	N	CLR	S-STRGHT	01 NONE 0	STRGHT								29
NONE	WE		MN 0	UN	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	W -E						005	000	00
N	1P	PORTLAND UA	3.86	03	(04)		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	21			026	000	29
N	45 25 18.89	-122 34 36.38	017100200S00		(04)					02 NONE 0	CTIOD				OR	1<25			
											STOP W -E							011	00
										PRVTE PSNGR CAR	M -F	01 DRVR	NONE	66	M OR	-V	000	000	00
										I BIVOR CAR		OI DRVR	NONE	00		. <25	000	000	00
										02 NONE 0	STOP				OI				
										PRVTE	W -E							011	00
										PSNGR CAR		02 PSNG	INJC	65	F		000	000	00
03309 N N N N	11/02/2021	CLACKAMAS	2 12	STRGHT		N	N	CLR	S-STRGHT	01 NONE 9	STRGHT								07,27
NONE	TU	OTH TOTAL ILITO	MN 0	UN	(NONE)	UNKNOWN	N	DRY	REAR	N/A	E -W							000	00
N	8A	PORTLAND UA	3.86	05	, ,		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UN	ΙΚ	000	000	00
N		-122 34 36.39	017100200800		(04)										UN				
					•					02 NONE 9	STRGHT								
										N/A	E -W							006	00
										PSNGR CAR		01 DRVR	NONE	00	Unk UN	ΙΚ	000	000	00
															UN	ΙΚ			

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CONTINUOUS SYSTEM CRASH LISTING

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

Highway 171 ALL ROAD TYPES, MP 3.70 to 3.96 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage 171: CLACKAMAS

69 - 72 of 74 Crash records shown.

S D M																					
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE											
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				А	S					
RD DPT E L G N H		URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT		COLL	OWNER	FROM	PRTC	: II	ΙJ		E LICN	IS PE	ED			
UNLOC? D C S V L		LONG	MILEPNT LRS	200111	(#LANES)			LIGHT		V# TYPE	TO	P# TYPE							ERROR	ACT EVENT	CAUSE
03527 N N N N	10/03/2018	CLACKAMAS	2 12	STRGHT	, , , , , , , , , , , , , , , , , , , ,	N	N	CLR	S-1STOP	01 NONE 0	STRGHT									013	29
NO RPT	WE		MN 0	UN	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	E -W									000	00
N	7A	PORTLAND UA	3.87	06			N	DAY	INJ	PSNGR CAR		01 DRVR	N N	ONE	72 F	OR-Y	7	(026	000	29
N	45 25 18.83	-122 34 35.95	017100200S00		(04)											OR<2	25				
										02 NONE 0	STOP										
										PRVTE	E -W									011 013	00
										PSNGR CAR		01 DRVR	R I	IJC	73 F			(000	000	00
										02 NONE 0	STOP					OR<2	15				
										PRVTE	S10P E -W									011 013	00
										PSNGR CAR	- ··	02 PSNG	; II	JJC.	16 F			(000	000	00
										02 NONE 0	STOP										
										PRVTE	E -W									011 013	00
										PSNGR CAR		03 PSNG	; I	1JC	14 M			(000	000	00
										03 NONE 0	STOP									000	00
										PUBLC OTH BUS	E -W	01 DRVR) 1NT	אור	62 N	OP-7	,	(000	022 000	00
										OIN BOD		OI DRVR	. 111	71415	02 1	OR < 2		,	000	000	00
00851 N N N N N	N 03/06/2020	CLACKAMAS	2 12	BRIDGE		N	N	RAIN	S-1STOP	01 NONE 0	STRGHT										07
STATE	FR	CLACIAMAD	MN 0	UN	(NONE)	UNKNOWN	N	WET	REAR	PRVTE	W -E									000	00
N	1P	PORTLAND UA	3.88	03	(=====,		N	DAY	INJ	PSNGR CAR	–	01 DRVR	N S	ONE	16 M	OR-Y	7	(043,026	000	07
N	45 25 18.79	-122 34 35.54	017100200800		(04)											OR<2	25				
										02 NONE 0	STOP										
										PUBLC	M -E									011	00
										SCHL BUS		01 DRVR	R II	AU	56 M			(000	000	00
																OR<2	25				
05345 N N N N	12/15/2017	CLACKAMAS	2 12	STRGHT		N	N	CLD	OVERTURN	01 NONE 9	STRGHT										10
STATE	FR		MN 0	UN	(NONE)	UNKNOWN	N	DRY	OTH	N/A	E -W	01 DDIM		NTT	00 -	-1		,	000	000	0.0
N N	5P 45 25 18.59	PORTLAND UA -122 34 33.77	3.92 017100200S00	05	(04)		N	DUSK	PDO	SEMI TOW		01 DRVR	C N	JNE	00 (NK UNK		(000	000	00
				CORD CLUT	(01)				a ampara	0.1 270277 0	GER GIVE					ONIC				012	
00052 N N N N N STATE	TH	CLACKAMAS	2 12 MN 0	STRGHT UN	(NONE)	N NONE	N N	CLD DRY	S-STRGHT REAR	01 NONE 0 PRVTE	STRGHT E -W									013 000	07 00
N	2P	PORTLAND UA	3.92	06	(NONE)	NONE	N	DAY	INJ	PSNGR CAR	E -W	01 DRVR	N ₀	ONE:	56 F	OR-5	,	(043	000	07
N	45 25 18.59	-122 34 33.77	017100200S00		(04)			2111	2210	TOTAL OTEL		01 21111		,,,,	50 1	OR<2		·	0.13		0.7
										02 NONE 0	STRGHT										
										PRVTE	E -W									000 013	00
										PSNGR CAR		01 DRVR	l I	1JC	17 F	OR-Y		(000	000	00
																OR<2	25				
										03 NONE 0	STRGHT										
										PRVTE	E -W	01			2.4	c=	_	-	000	022	0.0
										PSNGR CAR		01 DRVR	R II	NJC	34	OR-Y		(000	000	00
0.0.0.0	06/04/22									0.0						UK<2	د.				
01611 N N N N	06/14/2021	CLACKAMAS	2 12	INTER	5-LEG	N CIGNAL	N	RAIN	O-OTHER	01 NONE 9	BACK									0.00	10
NONE N	MO 8P	PORTLAND UA	MN 0 3.93	N 06	0	TRF SIGNAL	N N	WET DAY	BACK PDO	N/A PSNGR CAR	S -N	01 DRVR	ידאָן (אור	00 -	יחלי וואזע		,	000	000 000	00
N		-122 34 33.33	017100200800	00	U		TA	DAI	בטט	TANOR CAR		OT DKAK	. 1//	71/15	00 (UNK		(000	000	30
	15 25 10.51	122 31 33.33	31,100200500													OTATE					

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

Highway 171 ALL ROAD TYPES, MP 3.70 to 3.96 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage 171: CLACKAMAS

73 - 74 of 74 Crash records shown.

	S D M																			
SER#	P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST	EAUIC	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT	ELGNH	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS	PED			
UNLOC?	D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E	X RES	LOC	ERROR	ACT EVENT	CAUSE
		,	,			,					02 NONE 9	STOP								
											N/A	N -S							011	00
											PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
																UNK				
03803	N N N N	12/09/2021	CLACKAMAS	2 12	BRIDGE		Y	N	CLR	S-1STOP	01 NONE 9	STRGHT							128,1	29 22,29
NONE		TH		MIN 0	UN	(NONE)	ACCEL LANE	N	WET	REAR	N/A	S -N							006	00
N		UNK	PORTLAND UA	3.96	04			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N		45 25 18.39	-122 34 30.89	017100200800		(01)										UNK				
											02 NONE 9	STOP								
											N/A	S -N							011	00
											14/ 11	5 1							011	0.0
											TRUCK	5 11	01 DRVR	NONE	00	Unk UNK		000	000	00

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 4.88 to 6.55 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

1-5 of 109 Crash records shown.

S D M																					
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE	3				SPCL USE											
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)) INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				А	S					
RD DPT E L G N H	I R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	IN	IJ	G	E LIC	CNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)) CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	sv	/RTY	E	X RES	S	LOC	ERROR	ACT EVENT	CAUSE
02215 NYNNN	N 06/03/2017	CLACKAMAS	1 14	CURVE		N	N	CLR	O-STRGHT	01 NONE 9	STRGHT										14,27,15
STATE	SA		MIN 0	UN	(NONE)	UNKNOWN	N	DRY	HEAD	N/A	W -E									000	00
N	9P	PORTLAND UA	5.03	03			N	DLIT	PDO	PSNGR CAR		01 DRVR	. NC	ONE	00				000	000	00
N	45 24 20.06	-122 34 19.17	017100100S00		(01)											UNK	Σ				
										02 NONE 9	STRGHT									000	00
										N/A PSNGR CAR	E -W	01 DRVR	NC	ME	0.0	IInk IINK	ĸ		000	000	00
										I BNOK CAK		OI DRVR	. 140	71111	00	UNK			000	000	00
04242 Y N N N N	I N 10/10/2017	CLACKAMAS	1 14	CURVE		N	Y	RAIN	FIX OBJ	01 NONE 9	STRGHT									058	01
STATE	TU	021101111110	MN 0	UN	(NONE)	UNKNOWN	N	WET	FIX	N/A	E -W									000	00
Y	8P	PORTLAND UA	5.07	05			N	DLIT	PDO	PSNGR CAR		01 DRVR	. NC	ONE	00	Unk UNK	K		000	000	00
N	45 24 20.9	-122 34 21.83	017100100800		(01)											UNK	K				
00086 N N N N	01/11/2021	CLACKAMAS	1 14	INTER	3-LEG	N	N	RAIN	ANGL-OTH	01 NONE 9	STRGHT										04
NONE	MO		MIN 0	CN		TRF SIGNAL	N	WET	TURN	N/A	E -W									000	00
N	6P	PORTLAND UA	5.18	01	1		N	DLIT	PDO	PSNGR CAR		01 DRVR	. NC	ONE	00	Unk UNK	K		000	000	00
N	45 24 26.87	-122 34 20.11	017100100800													UNK	λ				
										02 NONE 9	TURN-R										
										N/A	N -W	0.1 DDVD	NT.C	NTE.	0.0	IImle IINIV	v		000	000	00
										PSNGR CAR		01 DRVR	. NC)NŁ	00	UNK UNK			000	000	00
00017 NINININI	T N 10/20/2020	OT A CIVAMA C	1 14	TMINED	4 1 100	NT.	NT.	GI D	0.1 7 00777	ON OI NONE O	OMD GLIM					OIVI					0.4
02917 N N N N N STATE	FR	CLACKAMAS	1 14 MN 0	INTER CN	4-LEG	N TRF SIGNAL	N N	CLR DRY	TURN	RN 01 NONE 0 PRVTE	STRGHT W -E									000	04 00
N	7P	PORTLAND UA	5.18	03	1	INF SIGNAL	N	DLIT	INJ	PSNGR CAR	M -E	01 DRVR	TN	LTC	63	F OR-	-Y		000	000	00
N	45 24 26.87	-122 34 20.11	017100100800	0.5	-			2221	2210	1511011 01111		01 211111					<25				
										01 NONE 0	STRGHT										
										PRVTE	W -E									000	00
										PSNGR CAR		02 PSNG	IN	IJВ	73	M			000	000	00
										0.0 170177											
										02 NONE 0 PRVTE	TURN-L E -S									000	00
										PRVIE PSNGR CAR	E -2	01 DRVR	NC	ME.	19	M OR-	_V		020,004	000	04
										I BNOK CAK		OI DRVR	. 140	71111	17		>25		020,001	000	01
03416 N N N N N	IN 12/16/2020	CLACKAMAS	1 14	INTER	4-LEG	N	N	PATN	O-1 ITII	RN 01 NONE 0	TURN-L										04
COUNTY	WE	CLIACICALIAD	MN 0	CN	1 1110	TRF SIGNAL	N	WET	TURN	PRVTE	E -S									000	00
N	4P	PORTLAND UA	5.18	03	2		N	DUSK	INJ	PSNGR CAR	_ ~	01 DRVR	. NC	ONE	39	F NON	NE		020	000	04
N		-122 34 20.11	017100100s00													OR>	>25				
										01 NONE 0	TURN-L										
										PRVTE	E -S									000	00
										PSNGR CAR		02 PSNG	IN	IJВ	53	F			000	000	00
										0.3 MONTE: 0	omp our										
										02 NONE 0 PRVTE	STRGHT W -E									000	00
										PSNGR CAR	W -E	01 DRVR	NC	NE	84	F OR-	-Y		000	000	00
													2.0			OR<					
03776 N N N N	I N 10/28/2019	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-STRGHT	01 NONE 0	STRGHT										29
STATE	MO		MN 0	UN	(RSDMD)	NONE	N	DRY	REAR	PRVTE	E -W									000	00
N	10A	PORTLAND UA	5.19	06	•		N	DAY	INJ	SEMI TOW		01 DRVR	. NC	ONE	31	M OR-	-Y		042	000	29
N	45 24 26.53	-122 33 57.73	017100100S00		(05)											OR<	<25				

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 4.88 to 6.55 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

6-7 of 109 Crash records shown.

S D M																				
SER# P R J S	S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U I	C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S					
RD DPT E L G N I	H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E 1	LICNS	PED			
UNLOC? D C S V I		LONG	MILEPNT LRS		(#LANES)			LIGHT		V# TYPE	TO	P# TYPE					LOC	ERROR	ACT EVENT	CAUSE
										02 NONE 0	STRGHT			,						
										PRVTE	E -W								006	00
										PSNGR CAR		01 DRVR	INJC	! 67				000	000	00
															(OR<25				
02014 N N N N	07/17/2021	CLACKAMAS	1 14	STRGHT		Y	N	CLR	S-1STOP	01 NONE 1	STRGHT								013	07
STATE	SA		MN 0	UN	(RSDMD)	TRF SIGNAL	N	DRY	REAR	PRVTE	E -W								001	00
N	3P	PORTLAND UA	5.19	08	0		N	DAY	FAT	PSNGR CAR		01 DRVR	KILL	80		OR-Y		043,026	000	07
N	45 24 26.53	-122 33 57.72	017100100S00		(04)					0.0 170177	2505				(OR<25				
										02 NONE 0 PRVTE	STOP								011 012	0.0
										PRVIE PSNGR CAR	E -W	01 DRVR	TMTD	22	M (ייינו_ע		043	011 013 000	00 07
										PSNGR CAR		OI DRVR	INUD	, ,,		N-RES		043	000	0 7
										02 NONE 0	STOP				_	RED				
										PRVTE	E -W								011 013	00
										PSNGR CAR		02 PSNG	INJB	29	F			000	000	00
										02 NONE 0	STOP									
										PRVTE	E -W								011 013	00
										PSNGR CAR		03 PSNG	INJB	08	M			000	000	00
										02 NONE 0	STOP									
										PRVTE	E -W	0.4 5000	TNITE	. 10	3.5			0.00	011 013	00
										PSNGR CAR		04 PSNG	INJB	3 10	M			000	000	00
										02 NONE 0	STOP									
										PRVTE	E -W								011 013	00
										PSNGR CAR	2	05 PSNG	INJB	04	F			000	000	00
										02 NONE 0	STOP									
										PRVTE	E -W								011 013	00
										PSNGR CAR		06 PSNG	INJB	06	F			000	000	00
										03 NONE 0	STOP									
										PRVTE	E -W								022	00
										PSNGR CAR		01 DRVR	INJB	54				000	000	00
															(OR<25				
02989 Y N N N I		CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 1	STRGHT								013	01,29,32
STATE	TH		MN 0	UN	(RSDMD)	NONE	N	DRY	REAR	PRVTE	E -W								000	00
N	12P	PORTLAND UA	5.20	06	(0=)		N	DAY	INJ	SEMI TOW		01 DRVR	NONE	30				047,026,05	2 038	01,29,32
N	45 24 26.53	-122 33 56.98	017100100S00		(05)					0.0 NONE	GEO D				(OR<25				
										02 NONE 0	STOP								011 012	00
										PRVTE PSNGR CAR	E -W	01 DRVR	TNITD	36	M (7P_V		000	011 013 000	00
										PANGK CAK		איאת די	TINOB	, 30		OR-1 OR<25		000	000	00
										03 NONE 0	STRGHT				(23				
										PRVTE	W -E								022	00
										PSNGR CAR	-	01 DRVR	INJC	! 35	М (JR−Y		000	000	00
																OR<25				

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS

OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION Page: 5 CDS380

CONTINUOUS SYSTEM CRASH LISTING

8 - 10 of 109 Crash records shown.

Highway 171 ALL ROAD TYPES, MP 4.88 to 6.55 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

S D M P R J S W DATE COUNTY RD# FC CONN# RD CHAR INT-TYPE SPCL USE DIRECT INVEST E A U I C O DAY CITY COMPNT FIRST STREET (MEDIAN) INT-REL OFFRD WTHR CRASH TRLR OTY MOVE Α URBAN AREA LOCTN RD DPT E L G N H R TIME MLG TYP SECOND STREET LEGS TRAF-RNDBT SURF COLL OWNER FROM PRTC INJ G E LICNS PED UNLOC? D C S V L K LAT LONG MILEPNT LRS (#LANES) CONTL P# TYPE ERROR DRVWY LTGHT SVRTY V# TYPE TΟ SVRTY E X RES LOC ACT EVENT CALLSE 04 NONE STOP PRVTE 022 013 00 PSNGR CAR INJB 48 M OR-Y 000 000 00 01 DRVR OR<25 05 NONE 0 STOP 022 013 00 PRVTE E - W000 00 PSNGR CAR 01 DRVR NONE 66 M OR-Y 000 OR < 25 06 NONE 0 STOP 022 00 PRVTE E - WPSNGR CAR 01 DRVR NONE 31 F OR-Y 000 000 00 OR<25 00328 Y N N N N N 01/23/2017 CLACKAMAS 1 14 STRGHT N N CLR S-1STOP 01 NONE 0 STRGHT 013 01,29 STATE MN UN DRY REAR MO (RSDMD) UNKNOWN Ν PRVTE E -W 000 0.0 06 DAY INJ 000 N 3P PORTLAND IIA 5.22 Ν PSNGR CAR 01 DRVR NONE 20 OR-Y 047,026 01,29 M 45 24 26.52 017100100S00 N -122 33 55.48 (05) OR<25 02 NONE 0 STOP PRVTE E - W011 013 00 PSNGR CAR 01 DRVR INJA 66 OR-Y 000 000 00 OR<25 02 NONE STOP 011 013 PRVTE E - W00 PSNGR CAR 02 PSNG INJB 20 F 000 000 00 03 NONE STOP 0 022 013 00 PRVTE E - WPSNGR CAR 01 DRVR NONE 38 M OR-Y 000 000 00 OR<25 04 NONE STOP PRVTE E - W022 00 PSNGR CAR 01 DRVR NONE 70 M OR-Y 000 000 00 OR<25 03269 N N N N N N 09/15/2018 CLACKAMAS 1 14 STRGHT M N CLR S-1STOP 01 NONE STRGHT 013 07 0 000 STATE SA MN Ω UN (RSDMD) IINKNOWN N DRY REAR PRVTE N-S 00 1P PORTLAND UA 5.23 06 Ν DAY INJ PSNGR CAR 01 DRVR NONE 19 OR-Y 043,026 000 07 45 24 26.53 -122 33 54.75 017100100S00 (05) OR<25 02 NONE STOP PRVTE N-S 011 013 00 PSNGR CAR 01 DRVR NONE 66 OR-Y 000 000 00 OR<25 03 NONE 0 STOP PRVTE N-S 022 013 00 000 PSNGR CAR 01 DRVR INJC 26 M OTH-Y 000 0.0 N-RES 04 NONE 0 STOP PRVTE N-S 022 00 PSNGR CAR 01 DRVR NONE 62 OR-Y 000 000 00 OR<25

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CONTINUOUS SYSTEM CRASH LISTING

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 4.88 to 6.55 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

11 - 15 of 109 Crash records shown.

S D M																		
SER# P R J S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S				
RD DPT E L G N H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LIC	NS PED			
UNLOC? D C S V L K LAT	LONG	MILEPNT LRS		(#LANES)			LIGHT		V# TYPE	TO	P# TYPE					ERROR	ACT EVENT	CAUSE
02664 N N N N N N 08/05/2019	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT					,		013	07,29
STATE MO		MIN 0	UN	(RSDMD)	NONE	N	DRY	REAR	PRVTE	E -W							000	00
N 12P	PORTLAND UA	5.24	05			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	43	F SUS	P	043,026	000	07,29
N 45 24 26.55	-122 33 54.01	017100100s00		(05)										OR<	25			
									02 NONE 0	STOP								
									PRVTE	E -W							011 013	00
									PSNGR CAR		01 DRVR	INJC	18			000	000	00
									0.0 MONTH 0	QIII O D				OR<	25			
									02 NONE 0 PRVTE	STOP E -W							011 013	00
									PSNGR CAR	E -W	02 PSNG	TNTC	10	М		000	000	00
									FBNGK CAK		02 F5NG	INOC	10	141		000	000	00
									03 NONE 0	STOP								
									PRVTE	E -W							022	00
									PSNGR CAR		01 DRVR	NONE	56	M OTH	-Y	000	000	00
														N-R	ES			
01337 N N N N N N 03/17/2017	CLACKAMAS	1 14	STRGHT		N	N	CLD	S-1STOP	01 NONE 9	STRGHT								29
STATE FR		MN 0	UN	(NONE)	UNKNOWN	N	DRY	REAR	N/A	E -W							000	00
N 7A	PORTLAND UA	5.30	05			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N 45 24 26.87	-122 33 49.55	017100100500		(05)										UNK				
									02 NONE 9	STOP								
									N/A	E -W							011	00
									PSNGR CAR		01 DRVR	NONE	00	Unk UNK UNK		000	000	00
01116 N N N N N N 03/22/2017	CLACKAMAS	1 14	STRGHT		N	Y	UNK	FIX OBJ	01 NONE 0	TURN-L							079,06	52 17,05
STATE WE		MN 0	UN	(NONE)	UNKNOWN	N	WET	FIX	PRVTE	E -S							000 079,06	52 00
Y 7A	PORTLAND UA	5.33	01			N	DAY	INJ	PSNGR CAR		01 DRVR	INJC	31	M OR-	Y	081	028	17,05
N 45 24 26.91	-122 33 47.32	017100100S00		(05)										OR<	25			
00905 N N N N N N 03/14/2019	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 9	STRGHT								07,29
STATE TH		MIN 0	UN	(NONE)	NONE	N	DRY	REAR	N/A	E -W							000	00
N 3P	PORTLAND UA	5.35	06			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N 45 24 26.97	-122 33 45.85	017100100800		(05)										UNK				
									02 NONE 9	STOP								
									N/A	E -W							011	00
									PSNGR CAR		01 DRVR	NONE	00	Unk UNK UNK		000	000	00
04705 N N N N N N 11/09/2017	CLACKAMAS	1 14	INTER	CROSS	N	N	CLD	О_1 г_тт	N 01 NONE 0	TURN-L				01410			040	02
04705 N N N N N 1170972017 STATE TH	CHACIANIAO	MN 0	CN	CROSS	STOP SIGN	N	WET	TURN	PRVTE	W -N							000	00
N 5P	PORTLAND UA	5.37	02	0	2101 0101	N	DUSK	INJ	PSNGR CAR	11	01 DRVR	NONE	28	F OR-	Y	004,028	000	02
	-122 33 44.33	017100100800		-		=-		==:*			2	01.1	23	OR<		, -20		- -
									01 NONE 0	TURN-L								
									PRVTE	M - M							000	00
									PSNGR CAR		02 PSNG	NO<5	02	F		000	000	00
									02 NONE 0	STRGHT								
									PRVTE	E -W							000	00
									PSNGR CAR		01 DRVR	INJC	59			000	000	00
														OR<				

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 4.88 to 6.55 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

16 - 20 of 109 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE	<u> </u>				SPCL USE										
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				A S	5				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ		G E	E LICNS	S PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	ΓY	E X	K RES	LOC	ERROR	ACT EVENT	CAUSE
03938 N N N N	11/07/2019	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	0-1 L-T	URN 01 NONE 9	STRGHT									02,08
NONE	TH		MN 0	CN		NONE	N	DRY	TURN	N/A	E -W								000	00
N	5P	PORTLAND UA	5.37	02	0		N	DUSK	PDO	PSNGR CAR		01 DRVR	NONE	E 0	0 Un	ık UNK		000	000	00
N	45 24 27	-122 33 44.32	017100100S00													UNK				
										02 NONE 9	TURN-L									
										N/A	M -N	01 DDIM	310311	- ^	0	1		000	000	00
										PSNGR CAR		01 DRVR	NONE	E U	u un	UNK		000	000	00
01791 N N N N	N 07/10/2020	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	0-1 L-TU	URN 01 NONE 0	STRGHT								013	02,08
STATE	FR		MN 0	CN		NONE	N	DRY	TURN	PRVTE	E -W								000	00
N	3P	PORTLAND UA	5.37	02	0		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	E 3	0 M	SUSP		000	000	00
N	45 24 26.99	-122 33 44.34	017100100s00													OR<2	5			
										02 NONE 0	TURN-L									
										PRVTE	M - N								000 013	00
										PSNGR CAR		01 DRVR	INJO	C 8	0 M	OR-Y OR<2!		028,004	000	02
										03 NONE 0	STOP									
										PRVTE	N -S								022	00
										PSNGR CAR		01 DRVR	INJO	C 5	1 F	OTH-N		000	000	00
00600 NI NI NI NI NI	N 10/05/2020	OT A CIVANIA C	1 14	TAIMED	anogg.	DT.	»T	OT D	0 1 T mr	IIDN 01 NONE 0	CMD CLIM					N-KE,	-			22.02
02688 N N N N N COUNTY	MO	CLACKAMAS	1 14 MN 0	INTER CN	CROSS	N L-GRN-SIG	N N	CLR DRY	TURN	URN 01 NONE 0 PRVTE	STRGHT E -W								000	32,02 00
N	MO 4P	PORTLAND UA	5.37	02	0	L-GRN-51G	N	DAY	INJ	PRVIE PSNGR CAR	E -W	01 DRVR	TN.TO	a 2	7 M	OR-V		000	000	00
N	45 24 26.97	-122 33 44.33	017100100s00	02	O		14	DAI	INO			OI DRVR	INO	. Z	, 11	OR<2!		000	000	00
										02 NONE 0	TURN-L									
										PRVTE	M -N	01 DDIM	NIONII		2 14	OD 17		052 020 004	000	00
										PSNGR CAR		01 DRVR	NONE	L 4	3 M	OR-1		052,028,004	000	32,02
00740 N N N N N	N 03/24/2021	CLACKAMAS	1 14	INTER	3-LEG	N	N	UNK	0-1 L-TU	URN 01 NONE 0	STRGHT									02,08
COUNTY	WE		MN 0	CN		L-GRN-SIG	N	WET	TURN	PRVTE	E -W								000	00
N	2P	PORTLAND UA	5.37	02	0		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	E 7	6 M	OR-Y		000	000	00
N	45 24 26.99	-122 33 44.36	017100100S00													OR<2!	5			
										02 NONE 0	TURN-L									
										PRVTE	W -N								000	00
										PSNGR CAR		01 DRVR	INJE	В 2	3 M			028,004	000	02,08
										0.0 MONTE 0	minn i					OR<2	0			
										02 NONE 0 PRVTE	TURN-L W -N								000	0.0
										PRVIE PSNGR CAR	M -IV	02 PSNG	TNJTE	B 2	3 F			000	000	00
										2 SNOW CHIC										
02870 N N N N	08/21/2019	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP		STRGHT									29
NONE	WE		MN 0	UN	(RSDMD)	NONE	N	DRY	REAR	N/A	W -E	0.4			•				000	00
N N	6A 45 24 27.45	PORTLAND UA -122 33 38.49	5.45 017100100s00	03	(04)		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	E 0	0 Un	ık UNK UNK		000	000	00
										02 NONE 9	STOP									
										N/A	W -E								011	00
										PSNGR CAR		01 DRVR	NONE	E 0	0 Un			000	000	00
																UNK				

TION - TRANSPORTATION DEVELOPMENT DIVISION Page: 10

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 4.88 to 6.55 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

21 - 24 of 109 Crash records shown.

Marcha	S D M																				
March Marc	SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
Martin M	INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S					
Marcha	RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E	LICNS	PED			
Martin	UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	ТО	P# TYPE	SVRT	Y E	X	RES	LOC	ERROR	ACT EVENT	CAUSE
March Marc																					
	NO RPT	TH	HAPPY VALLEY	MN 0 CARVER RD	W	(RSDMD)	NONE	N	DRY	REAR	PRVTE	M -E								000	00
Part	N	9A	PORTLAND UA	5.49 EVELYN ST	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	62	М	OR-Y		026	000	29
1	N	45 24 27.65	-122 33 35.49	017100100s00		(04)											OR<25				
1																				011	0.0
State Stat												M -F	01 DRVR	TNJTC	43	F	OR-Y		000		
Martin											22.2		V								
1	02008 N N N N N	N 07/17/2021	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-STRGHT	01 NONE 0	STRGHT								013	07,27
	STATE	SA	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	W -E								000	00
Column C	N	9A	PORTLAND UA	5.50 102ND AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	23	M	OR-Y		043,016	038	07,27
Column C	N	45 24 27.7	-122 33 34.74	017100100800		(04)											OR<25				
State Stat																					
Column C												M -E	01 DDID	T.1.T.T	1		OD 17		0.00		
State 1 1 1 1 1 1 1 1 1											PSNGR CAR		UI DRVR	INJE	3 51				000	000	00
Column C											03 NONE 0	STOP					010 -20				
Column C											PRVTE	M -E								022	00
THE SAPE VALLEY THE											PSNGR CAR		01 DRVR	NONE	68				000	000	00
N S S S S S S S S S S S S S S S S S S S	01237 N N N N N	N 04/12/2018	CLACKAMAS	1 14	STRGHT		N	N	CLD	S-1STOP	01 NONE 0	STRGHT									07
1	STATE	TH	HAPPY VALLEY	MN 0 CARVER RD	M	(NONE)	TRF SIGNAL	N	WET	REAR	PRVTE	E -W								000	00
Control Cont	N	3P	PORTLAND UA	5.51 EVELYN ST	05			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	65	F	OR-Y		043,026	000	07
Representation Repr	N	45 24 27.75	-122 33 33.87	017100100S00		(04)											OR<25				
This is a contract of the co											02 NONE 0	STOP									
1												E -W									
NOME MOP MAPPY VALLEY MN 0 CARVER RD W (NOME) NOME NOM											TRUCK		01 DRVR	INJC	35				000	000	00
N 3P PORTLAND UA 5.52 102ND AVE 03 03 NO 101K POR 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	04448 N N N N	12/03/2018	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-STRGHT	01 NONE 9	STRGHT									13
N 45 24 27.81 -12 33 33.02 01710010800 000 000 000 000 000 000 000 000	NONE	MO	HAPPY VALLEY	MN 0 CARVER RD	M	(NONE)	NONE	N	DRY	SS-O	N/A	W -E								000	00
STRGHT N/A W -E N/A W	N	3P	PORTLAND UA	5.52 102ND AVE	03			N	DUSK	PDO	PSNGR CAR		01 DRVR	NONE	0.0	Unk	UNK		000	000	00
N/A N - E N/A N/B N/	N	45 24 27.81	-122 33 33.02	017100100S00		(04)										,	UNK				
PSIGR CAR PSIG																					
03569 N N N N N 10/17/2019 CLACKAMAS 1 17 T INTER CROSS N N N N N N 10/17/2019 TH HAPPY VALLEY NN 0 CARVER RD N N THE SIGNAL N WET PED PRIVE E-N TRUCK 0 ON												M -E	01 pprm			1			0.00		
COUNTY TH HAPPY VALLEY MN 0 CARVER RD N TRF SIGNAL N WET PED PRVTE E -N 000 00 N 7A PORTLAND UA 5.54 102ND AVE 05 0 N DAWN FAT TRUCK 01 DRVR NONE 59 M OR-Y 000 000 00											PSNGR CAR		01 DRVR	NONE	: 00				000	000	00
COUNTY TH HAPPY VALLEY MN 0 CARVER RD N TRF SIGNAL N WET PED PRVTE E -N 000 00 N 7A PORTLAND UA 5.54 102ND AVE 05 0 N DAWN FAT TRUCK 01 DRVR NONE 59 M OR-Y 000 000 00	03569 N N N N N	N 10/17/2019	CLACKAMAS	1 17	INTER	CROSS	N	N	CLD	PED	01 NONE 0	TURN-R									02
																				000	
N 45 24 27.94 -122 33 31.28 017100100S00	N	7A	PORTLAND UA	5.54 102ND AVE	05	0		N	DAWN	FAT	TRUCK		01 DRVR	NONE	59	М	OR-Y		000	000	00
	N	45 24 27.94	-122 33 31.28	017100100800													OR<25				

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 4.88 to 6.55 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

25 - 29 of 109 Crash records shown.

S	D M																				
SER# P	R J S W I	DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A	UICOI	DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S					
RD DPT E I	G N H R 7	TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LI	CNS	PED			
UNLOC? D C	SVLKI	LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	Y E	X RE	S	LOC	ERROR	ACT EVENT	CAUSE
												_									
												STRGHT	01 PED	KILL	20	M		I XWLK	028	035	02
												E W									
00050 27.22		00.400.4000	GT 3 GT 3 V 3 G	1 14							01 270277 0										
02272 N N NONE		08/20/2020 TH	CLACKAMAS HAPPY VALLEY	1 14 MN 0 CARVER RD	INTER N	CROSS	N TRF SIGNAL	N N	CLR DRY	BIKE TURN	01 NONE 0 PRVTE	TURN-L W -N								000	02 00
NONE			IMITI VADDBI				TRE DIGNAL					W IV									
N	1	1P	PORTLAND UA	5.54 102ND AVE	05	0		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	50	M OR	-Y		027	000	02
N	4	45 24 27.92	-122 33 31.28	017100100800												OR	<25				
												- STRGHT	01 BIKE	TN.TC	1.8	F		I XWLK	000	035	00
													OI DIKE	11100	10	-		1 2111211	000	033	0.0
												E W									
			CLACKAMAS	1 14	INTER	CROSS	N	N	CLD	S-STRGHT	01 NONE 9	STRGHT									01,13
STATE	5	SA	HAPPY VALLEY	MN 0 CARVER RD	E		TRF SIGNAL	N	DRY	SS-0	N/A	E -W								000	00
N	1	1P	PORTLAND UA	5.54 102ND AVE	06	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UN	K		000	000	00
N	4	45 24 27.92	-122 33 31.28	017100100S00												UN	K				
											02 NONE 9	STRGHT									
											N/A	E -W								000	00
											PSNGR CAR		01 DRVR	NONE	00				000	000	00
00004		02/04/2010	CT A CIVANA C	1 14	TNIIID	anoga.	NT.	3.7	GI D	G 10mon	01 NOVE 0	CMD CITE				UN	K.				20
00804 N N		03/04/2018 SU	CLACKAMAS HAPPY VALLEY	1 14 MN 0 CARVER RD	INTER E	CROSS	N TRF SIGNAL	N N	CLR DRY	S-1STOP REAR	01 NONE 9 N/A	STRGHT E -W								000	29 00
												- "									
N	3	8A	PORTLAND UA	5.54 EVELYN ST	06	0		N	DAWN	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UN	K		000	000	00
N	4	45 24 27.93	-122 33 31.29	017100100800												UN	K				
											02 NONE 9	STOP									
											N/A PSNGR CAR	E -W	01 DRVR	NONE	0.0	IInk IIN	ĸ		000	011 000	00 00
											I BIVOIC CAIC		OI DIVIN	NONE	00	UN			000	000	00
01368 N N	INN (04/23/2019	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 9	STRGHT									29
NONE		TU	HAPPY VALLEY	MN 0 CARVER RD	E		TRF SIGNAL	N	DRY	REAR	N/A	E -W								000	00
N	1	10A	PORTLAND UA	5.54 102ND AVE	06	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	0.0	Unk UN	к		000	000	00
						Ü			2111	120	1 Divoit Offic		01 211111	1,01,1							
N	4	45 24 27.93	-122 33 31.27	017100100S00							OO NOME O	CTIOD				UN	K				
											02 NONE 9 N/A	STOP E -W								011	00
											PSNGR CAR	- ··	01 DRVR	NONE	00	Unk UN	K		000	000	00
																UN	K				
01200 N N	I N N (04/28/2020	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 9	STRGHT									29
NONE	7	TU	HAPPY VALLEY	MN 0 CARVER RD	E		TRF SIGNAL	N	DRY	REAR	N/A	E -W								000	00
N	6	6A	PORTLAND UA	5.54 102ND AVE	06	0		N	DAWN	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UN	K		000	000	00
N	,	AE 24 27 04	-122 33 31.29	017100100S00												7737	v				
N	4	40 44 47.94	-144 33 31.49	01/100100500												UN	1/				

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 4.88 to 6.55 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

30 - 34 of 109 Crash records shown.

Mark	S D M																			
Part 1 1 1 1 1 1 1 1 1	SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
March Marc	INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S				
Care 1 1 1 1 1 1 1 1 1	RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICN	S PED			
The column	UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS	,	(#LANES)	CONTL	DRVWY	LIGHT	SVRTY			P# TYPE	SVRTY	E	X RES	LOC	ERROR	ACT EVENT	CAUSE
Column C																			011	0.0
State Stat												E W	01 DRVR	NONE	00 τ	Jnk UNK		000		
March Marc																				
No. Part P	03862 N N N N	09/19/2017	CLACKAMAS	1 14	INTER	CROSS	N	N	CLD	S-1STOP	01 NONE 9	STRGHT								29
	NONE	TU	HAPPY VALLEY	MN 0 CARVER RD	W		TRF SIGNAL	N	WET	REAR	N/A	W -E							000	00
	N	3 D	DOPTIAND IIA	5 54 102ND AVE	06	0		M	DVA	DDO	TINIKNOMN		מזמת מ	NONE	00 1	Tok IINK		000	000	0.0
Column C	IV	35	FORTHAND OA	J. J4 102ND AVE	00	Ü		IN	DAI	FDO	OMMOWIN		OI DIVIN	NONE	00 (JIIK ONK		000	000	00
Column C	N	45 24 27.92	-122 33 31.28	017100100S00												UNK				
Column C																			011	0.0
State Stat												W -Е	01 DRVR	NONE	0.0 1	Ink IINK		000		
Mark											1 DIVOIC CITIC		OI DIVIL	NONE	00 (000	000	0.0
Mark	03280 N N N N N	N 09/23/2019	CLACKAMAS	1 14	INTER	CROSS	N	N	CLD	S-1STOP	01 NONE 0	STRGHT								07,29
																			000	
	N	10A	PORTLAND HA	5.54 102ND AVE	06	0		N	DAY	TNJ	PSNGR CAR		01 DRVR	NONE	64 i	M OR-Y		043.026	000	07.29
Column C						-												,		. ,
Figure 1 1 1 1 1 1 1 1 1	N	45 24 27.92	-122 33 31.28	017100100S00							0.0 NONE 0	QIII O D				OR<2	5			
Part																			011	0.0
Column C												и п	01 DRVR	NONE	69 I	M OR-Y		000		
Part																OR<2	5			
Carbon C												STOP								
0308												W -E				_				
STATE FR HAPPY VALLEY MN 0 CAVER RD W 1 CROSS NO DRY NO DR											PSNGR CAR		02 PSNG	INJA	45 I	Ē,		000	000	00
N	00308 Y N N N N	N 01/25/2019	CLACKAMAS	1 14	INTER	CROSS	N	N	CLD	S-STRGHT	01 NONE 0	STRGHT								01,29
N 45 24 27.93 -12 33 31.29 01710010050 45 24 27.93 -12 33 31.29 01710010050 10 01 01 01 01 01 01 01 01 01 01 01 01 0	STATE	FR	HAPPY VALLEY	MN 0 CARVER RD	W		TRF SIGNAL	N	DRY	REAR	PRVTE	W -E							000	00
Companie	N	7P	PORTLAND UA	5.54 EVELYN ST	06	0		N	DLIT	INJ	PSNGR CAR		01 DRVR	NONE	20 I	F OR-Y		047,042	000	01,29
Companie	NT.	45 04 07 03	100 22 21 00	017100100700												07.0	-			
PRVE	N	45 24 27.93	-122 33 31.29	017100100800							0.2 NONE 0	STRGHT				OR<2	5			
PSNGR CAR PSNG																			006	00
02661 N N N N 1 10/02/2020 CLACKAMAS 1 14 INTER CROSS N N N CLR ANGL-OTH 01 NONE 9 STRGHT NONE FR HAPPY VALLEY MN 0 CARVER RD CN TRF SIGNAL N DRY TURN N/A E -W											PSNGR CAR		01 DRVR	INJC	60 I	M OR-Y		000		00
NONE FR HAPPY VALLEY MN 0 CARVER RD CN TRF SIGNAL N DRY TURN N/A E -W 11A PORTLAND UA 5.54 102ND AVE 01 1 N DAY PDO SEMI TOW 01 DRVR NONE 00 Unk UNK 000 000 00 N 45 24 27.93 -122 33 31.3 017100100S00 1 UNK UNK 000 000 000 000 000 000 000 000 000 0																OR<2	5			
N 11A PORTLAND UA 5.54 102ND AVE 01 1 1 N DAY PDO SEMI TOW 01 DRVR NONE 00 UNK UNK 000 000 00 000 N 45 24 27.93 -122 33 31.3 017100100S00 UNK UNK 000 000 000 000 000 000 000 000 000 0	02661 N N N N				INTER	CROSS						STRGHT								
N 45 24 27.93 -122 33 31.3 017100100S00 02 NONE 9 TURN-R N/A N-W 016 00	NONE	FR	HAPPY VALLEY	MN 0 CARVER RD	CN		TRF SIGNAL	N	DRY	TURN	N/A	E -W							000	00
02 NONE 9 TURN-R N/A N-W 016 00	N	11A	PORTLAND UA	5.54 102ND AVE	01	1		N	DAY	PDO	SEMI TOW		01 DRVR	NONE	00 τ	Jnk UNK		000	000	00
02 NONE 9 TURN-R N/A N-W 016 00	N	45 24 27.93	-122 33 31.3	017100100s00												UNK				
			23 31.3	1=: =0010000							02 NONE 9	TURN-R				02.11				
DENCE CAD 01 DEVE NOME 00 UNIVERSITY 000 000 00																			016	00
											PSNGR CAR		01 DRVR	NONE	00 τ			000	000	00
UNK																UNK				

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CONTINUOUS SYSTEM CRASH LISTING

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 4.88 to 6.55 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

35 - 37 of 109 Crash records shown.

	S D M																			
SER#	P RJS	W DATE	COUNTY	RD# FC	CONN#	RD CHAR	INT-TYPE					SPCL USE								
INVEST	EAUIC		CITY		FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S			
RD DPT	ELGNH	R TIME	URBAN AREA	MLG TYP	SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS PED			
UNLOC?	D C S V L	K LAT	LONG	MILEPNT	LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E	X RES LOC	ERROR	ACT EVENT	CAUSE
03196	N N N N N	N 08/05/2017	CLACKAMAS	1 14		INTER	CROSS	N	N	UNK	ANGL-OTH	01 NONE 0	STRGHT							04
COUNTY		SA	HAPPY VALLEY	MN 0	CARVER RD	CN		TRF SIGNAL	N	WET	ANGL	PRVTE	W -E						000	00
N		10A	PORTLAND UA	5.54	EVELYN ST	03	0		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	47 M	OR-Y	020	000	04
N		45 24 27.92	-122 33 31.28		017100100S00												OR<25			
												02 NONE 0	STRGHT						000	0.0
												PRVTE PSNGR CAR	N -S	01 DRVR	TNTC	64 M	OR-V	000	000	00 00
												I BNOK CAK		OI DRVR	INOC	01 11	OR<25	000	000	00
02646	N N N N	09/09/2021	CLACKAMAS	1 14		STRGHT		Y	N	CLR	S-1STOP	01 NONE 0	STRGHT						013	29,07
NONE		TH	HAPPY VALLEY	MN 0	CARVER RD	E	(RSDMD)	UNKNOWN	N	DRY	REAR	PRVTE	W -E						000	00
N		3P	PORTLAND UA	5 55	EVELYN ST	05			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	41 M	OP_V	026	000	29,07
N		45 24 27.93	-122 33 30.55	3.33	017100100S00	03	(04)		IV	DAI	INO	FSNGK CAR		OI DRVR	NONE	41 11	OR<25	020	000	29,01
11		15 21 27.55	122 33 30.33		017100100500		(01)					02 NONE 0	STRGHT				01(123			
												RENTL	W -E						000 013	00
												TRUCK		01 DRVR	NONE	19 M	OR-Y	026	000	29,07
																	OR>25			
												03 NONE 0 PRVTE	STOP W -E						011 013	00
												PSNGR CAR	W -E	01 DRVR	INJB	47 M	OR-Y	000	000	00
																	OR>25			
												03 NONE 0	STOP							
												PRVTE	W -E						011 013	00
												PSNGR CAR		02 PSNG	INJB	24 F		000	000	00
												04 NONE 0	STOP							
												PRVTE	W -E						022	00
												PSNGR CAR		01 DRVR	INJB	35 F		000	000	00
												0.4 MONTE 0	CIMO D				OR<25			
												04 NONE 0 PRVTE	STOP W -E						022	00
												PSNGR CAR		02 PSNG	INJB	34 M		000	000	00
	N N N N N	N 06/10/2018	CLACKAMAS	1 14		STRGHT		N	N	CLD	S-1STOP	01 NONE 9	STRGHT							27,07,29
STATE		SU	HAPPY VALLEY	MN 0	CARVER RD	E	(NONE)	UNKNOWN	N	DRY	REAR	N/A	W -E						000	00
N		3P	PORTLAND UA	5.56	EVELYN ST	04			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 U	nk UNK	000	000	00
N		45 24 27.95	-122 33 29.82		017100100S00		(04)										UNK			
												02 NONE 9	STOP							
												N/A	W -E	01 DDID	NONE	00 1		0.00	011	0.0
												PSNGR CAR		01 DRVR	NONE	00 0	UNK UNK	000	000	00
02485	NNNNN	N 06/23/2017	CLACKAMAS	1 14		ALLEY		N	N	CLR	ANGL-OTH	01 NONE 9	STRGHT							02
STATE		FR	HAPPY VALLEY		CARVER RD	E	(NONE)	UNKNOWN	N	DRY	TURN	N/A	W -E						000	00
N		7A	PORTLAND UA	5.60	EVELYN ST	03			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 U	nk UNK	000	000	00
N		45 24 27.98	-122 33 26.91		017100100s00		(04)										UNK			

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 4.88 to 6.55 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

38 - 42 of 109 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC	CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT	FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP	SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT	LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	Y E	X RES	LOC ER	RROR	ACT EVENT	CAUSE
											02 NONE 9	TURN-L S -W							018	00
											N/A PSNGR CAR	S -W	01 DRVR	NONE	00 т	Ink IINK	00	10	000	00
											FSNGK CAR		OI DRVR	NONE	00 (UNK	00	70	000	00
00669 N N N N	02/25/2019	CLACKAMAS	1 14	<u> </u>	ALLEY		N	N	UNK	ANGL-OTH	01 NONE 9	TURN-R							-	02
NONE	MO	HAPPY VALLEY	MN 0	CARVER RD	E	(NONE)	NONE	N	WET	TURN	N/A	S -E							018	00
N	11A	PORTLAND UA	5 60	102ND AVE	04			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 т	Ink IINK	00	10	000	00
			3.00		01			14	DAI	100	I DIVOR CAR		OI DRVR	NONE	00 0		00	, 0	000	00
N	45 24 28.02	-122 33 26.94		017100100S00		(04)										UNK				
											02 NONE 9 N/A	STRGHT W -E							000	0.0
											PSNGR CAR	M -F	01 DRVR	NONE	00 τ	Ink IINK	00	10	000	00
											I BIVOIC CAIC		OI DRVR	NONE	00 0	UNK	00	, 0	000	00
03834 N N N N N	N 12/11/2021	CLACKAMAS	1 14	Į	ALLEY		N	N	RAIN	ANGL-OTH	01 NONE 0	STRGHT							1	02
STATE	SA	HAPPY VALLEY		CARVER RD	E	(NONE)	UNKNOWN	N	WET	TURN	PRVTE	W -E							000	00
N	9A	PORTLAND UA	E 60	EVELYN ST	04			N	DAY	INJ	PSNGR CAR		01 DRVR	TMTD	E7 1	- OD_V	00	10	000	00
IN	JA.	PORTLAND OA	5.00	EVELIN SI	04			IN	DAI	INO	PSNGR CAR		UI DRVR	INUB	57 1	OK-1	00	70	000	00
N	45 24 27.98	-122 33 26.91		017100100S00		(04)										OR<25				
											02 NONE 0	TURN-L							010	0.0
											PRVTE PSNGR CAR	S -W	מזמת מ	NONE	22 T	F OTH-Y	02	00	018 000	00 02
											PSNGR CAR		UI DRVR	NONE	32 1	OR<25	02	.0	000	02
00592 N N N N	02/18/2018	CLACKAMAS	1 14	<u> </u>	ALLEY		N	N	UNK	ANGL-OTH	01 NONE 0	TURN-L								02,08
NO RPT	SU	HAPPY VALLEY		CARVER RD	E	(NONE)	UNKNOWN	N	WET	TURN	PRVTE	S -W							018	00
N	10A	PORTLAND UA	5 60	EVELYN ST	05			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	20 1	F OTH-Y	0.2	28,001	000	02
			3.00		U.S			11	2111	1110	T DIVOIC CITE		OI DIVIN	NONE	20 1		02	10,001	000	02
N	45 24 27.99	-122 33 26.92		017100100S00		(04)					0.0 NONE 0	CEED CLIE				N-RES				
											02 NONE 0 PRVTE	STRGHT E -W							000	00
											PSNGR CAR	E -W	01 DRVR	TNJC	32 F	F OR-Y	00	10	000	00
											T DITOIT OF BE		01 211111	21.00	32 .	OR<25				
00533 N N N N N	N 02/10/2020	CLACKAMAS	1 14	Į.	STRGHT	- I	N	N	CLR	S-1STOP	01 NONE 9	STRGHT							-	27,29
COUNTY	MO	HAPPY VALLEY	MN 0	CARVER RD	E	(NONE)	NONE	N	DRY	REAR	N/A	E -W							000	00
N	10A	PORTLAND UA	5.60	102ND AVE	06			N	DAY	PDO	TRUCK		01 DRVR	NONE	0 O T	Jnk UNK	0.0	00	000	00
N	45 24 20 02	100 22 06 01		017100100000		(04)										TINTIZ				
N	45 24 28.02	-122 33 26.91		017100100S00		(04)					02 NONE 9	STOP				UNK				
											N/A	E -W							011	00
											PSNGR CAR		01 DRVR	NONE	00 τ	Jnk UNK	00	00	000	00
																UNK				
00381 N N N N	02/01/2019	CLACKAMAS	1 14	ŀ	STRGHT		N	N	RAIN	S-STRGHT	01 NONE 9	STRGHT								13
NO RPT	FR	HAPPY VALLEY	MN 0	CARVER RD	E	(NONE)	NONE	N	WET	SS-O	N/A	E -M							000	00
N	1P	PORTLAND UA	5.64	102ND AVE	05			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 τ	Jnk UNK	00	00	000	00
N	45 24 29 04	-122 33 23.99		017100100S00		(04)										UNK				
N	10 24 20.04	-144 33 43.33		01/100100200		(04)										OIM				

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 4.88 to 6.55 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

43 - 45 of 109 Crash records shown.

S D M																				
SER# P R J	S W DATE	COUNTY	RD# FC	CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I	C O DAY	CITY	COMPNT	FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT E L G N	H R TIME	URBAN AREA	MLG TYP	SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICN	S PED			
UNLOC? D C S V	L K LAT	LONG	MILEPNT	LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	Е	X RES	LOC	ERROR	ACT EVENT	CAUSE
											02 NONE 9 N/A	STRGHT E -W							000	00
											PSNGR CAR	2 "	01 DRVR	NONE	00	Jnk UNK		000	000	00
																UNK				
85627 N N N N	09/15/2021	CLACKAMAS	1 14	1	STRGHT		N	N	CLR	S-STRGHT	01 NONE 9	STRGHT								29
NONE	WE	HAPPY VALLEY	MN 0	CARVER RD	W	(NONE)	UNKNOWN	N	DRY	REAR	N/A	W -E							000	00
N	4 P	PORTLAND UA	5.69	PIAZZA AVE	03			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Ink IINK		000	000	00
			3.03		0.5				2111	120	1 DIVOIT OF INC		01 211111	110112						
N	45 24 28.1	-122 33 20.35		017100100S00		(04)					0.0 NONE 0	CMD CLIM				UNK				
											02 NONE 9 N/A	STRGHT W -E							000	00
											PSNGR CAR	W E	01 DRVR	NONE	00	Jnk UNK		000	000	00
																UNK				
02159 N N N N N	N 08/11/2020	CLACKAMAS	1 14	1	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT							013	27,29
COUNTY	TU	HAPPY VALLEY	MN 0	CARVER RD	W	(NONE)	NONE	N	DRY	REAR	PRVTE	E -W							000	00
N	12P	PORTLAND UA	5.71	PIAZZA AVE	05			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	53	M OR-Y		026	038	27,29
N	45 24 28.1	-122 33 18.91		017100100S00		(04)										OR<2	5			
IN	43 24 20.1	-122 55 10.91		017100100500		(04)					02 NONE 0	STOP				ORCZ	,			
											PRVTE	E -W							011 013	00
											PSNGR CAR		01 DRVR	INJC	54	M OR-Y		000	000	00
																OR<2	5			
											03 NONE 0	STOP								
											PRVTE	E -W	01 DDIM	TNITO	20	- OD W		000	022 013 000	00
											PSNGR CAR		01 DRVR	INJC	22 .	OR-1		000	000	00
											03 NONE 0	STOP				011.12				
											PRVTE	E -W							022 013	00
											PSNGR CAR		02 PSNG	INJC	20	Λ		000	000	00
											0.2 NONE 0	CITIOD.								
											03 NONE 0 PRVTE	STOP E -W							022 013	00
											PSNGR CAR	-	03 PSNG	INJC	17	И		000	000	00
											04 NONE 0	STOP								
											PRVTE PSNGR CAR	E -W	01 DRVR	TNITO	(2)	- OD W		000	022 000	00
											PSNGR CAR		UI DRVR	INUC	03	OR-1		000	000	00
01654 N N N N	06/18/2021	CLACKAMAS	1 14	 4	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT				,				29
NONE	FR	HAPPY VALLEY		CARVER RD	W	(NONE)	NONE	N	DRY	REAR	PRVTE	W -E							000	00
N	1P	PORTLAND UA	5 72	PIAZZA AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	43	7 OR-V		026	000	29
			3.72			(04)					22.010		JI DIVIN		-5			020		
N	45 24 28.12	-122 33 18.19		017100100S00		(04)					0.2 NIONE 0	CTOD				OR<2	0			
											02 NONE 0	STOP							011	00
											PK A.I.P.	W - H:								
											PRVTE PSNGR CAR	W -E	01 DRVR	INJC	44	Λ OR−Y		000	000	00

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

Highway 171 ALL ROAD TYPES, MP 4.88 to 6.55 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage 171: CLACKAMAS

> 46 - 50 of 109 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC	CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT	FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP	SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LIC	NS PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT	LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	Y E	X RES	LOC	ERROR	ACT EVENT	CAUSE
											02 NONE 0	STOP							011	0.0
											PRVTE PSNGR CAR	W -E	02 PSNG	TN.TC	10	M		000	000	00
											FSNGIC CAIC		02 F5NG	INOC	. 10	11		000	000	00
04096 N N N N	11/08/2018	CLACKAMAS	1 14		INTER	3-LEG	N	N	CLR	ANGL-STP	01 NONE 9	TURN-R								29
NONE	TH	HAPPY VALLEY	MN 0	CARVER RD	E		STOP SIGN	N	DRY	TURN	N/A	S -E							015	00
N	7A	PORTLAND UA	5.78	SE 106TH AVE	05	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	0.0	Unk UNK	-	000	000	00
N	45 24 28.11	100 22 14		017100100000												TINTE				
N	45 24 28.11	-122 33 14		017100100S00							02 NONE 9	STOP				UNK	-			
											N/A	W -E							011	00
											PSNGR CAR		01 DRVR	NONE	0.0	Unk UNK		000	000	00
																UNK				
00442 N N N N	02/03/2020	CLACKAMAS	1 14		INTER	3-LEG	N	N	UNK	ANGL-OTH	01 NONE 9	TURN-R								02
NONE	MO	HAPPY VALLEY		CARVER RD	E		STOP SIGN	N	WET	TURN	N/A	S -E							000	00
37	0.7	DODEL AND 113	F 70	OD 106EH NED	0.5	0		3.7	D.1.17	550	DOMOD GAD		0.1 DDIM	NONE	0.0	TT 1- TTDTT		000	000	0.0
N	8A	PORTLAND UA	5./8	SE 106TH AVE	05	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	UIIK UNK	-	000	000	00
N	45 24 28.12	-122 33 14.01		017100100S00												UNK	• -			
											02 NONE 9	STRGHT							000	0.0
											N/A PSNGR CAR	W -E	01 DDIM	NONE	0.0	TT l- TTNTI		000	000	00
											PSNGR CAR		01 DRVR	NONE	00	UNK		000	000	00
03499 Y N N N N	N 10/01/2018	CLACKAMAS	1 14	<u> </u>	INTER	3-LEG	N	N	CLR	0-1 L-TURI	N 01 NONE 0	TURN-L								01,02
COUNTY	MO	HAPPY VALLEY		CARVER RD	CN		UNKNOWN	N	DRY	TURN	PRVTE	E -S							000	00
N	5A	PORTLAND UA	5 78	SE 106TH AVE	03	0		N	DLIT	INJ	PSNGR CAR		01 DRVR	TNJC	59	M OR-	·V	028	000	02
			3.70		03	0		11	DLII	1110	I DIVOIC CITE		OI DIVIN	11100				020	000	0.2
N	45 24 28.1	-122 33 14		017100100S00							0.0 1701777 0	amp arre				OR<	25			
											02 NONE 0 PRVTE	STRGHT W -E							000	00
											PSNGR CAR	W -E	01 DRVR	TNTA	47	M OR-	v	047,015	000	01
											T DIVOIC CITE		or bittit	111011	. 17	OR<		017,013		01
03538 N N N N	10/11/2019	CLACKAMAS	1 14	<u> </u>	INTER	3-LEG	N	N	CLR	ANGL-OTH	01 NONE 9	STRGHT								02
NONE	FR	HAPPY VALLEY	MN 0	CARVER RD	CN		STOP SIGN	N	DRY	TURN	N/A	W -E							000	00
N	11A	PORTLAND UA	5.78	SE 106TH AVE	04	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK	-	000	000	00
NT	4E 24 20 12	-122 33 14.01		017100100s00												TINIZ				
N	45 24 28.12	-122 33 14.01		01/100100200							02 NONE 9	TURN-L				UNK	-			
											N/A	S -W							015	00
											PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
																UNK	-			
00061 N N N N N	N 01/06/2020	CLACKAMAS	1 14		INTER	3-LEG	N	N	CLD	ANGL-OTH	01 NONE 0	STRGHT								02
COUNTY	MO	HAPPY VALLEY	MN 0	CARVER RD	CN		STOP SIGN	N	DRY	TURN	PRVTE	M -E							000	00
N	4P	PORTLAND UA	5.78	SE 106TH AVE	04	0		N	DLIT	INJ	PSNGR CAR		01 DRVR	INJC	38	M OTH	I-Y	000	000	00
N	45 24 28.12	-122 33 14.01		017100100s00												N-R	TC			
TA	10 74 70.TZ	-122 33 14.01		01/10010000												14 – 14	.uU			

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 4.88 to 6.55 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

51 - 56 of 109 Crash records shown.

S D M																					
SER# P R J S	W DATE	COUNTY	RD# FC	CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U I C	O DAY	CITY	COMPNT	FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP	SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E I	LICNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT	LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	Y E	X F	RES	LOC	ERROR	ACT EVENT	CAUSE
											02 NONE 0 PRVTE	TURN-L S -W								015	00
											PSNGR CAR	5 -W	01 DRVR	INJC	59	F (OTH-Y		028	000	02
																	N-RES				
01859 N Y N N N	N 07/05/2021	CLACKAMAS	1 14	1	STRGHT		N	Y	CLR	FIX OBJ	01 NONE 0	TURN-L								062,09	2 26
CITY	MO	HAPPY VALLEY	MN 0	CARVER RD	E	(NONE)	TRF SIGNAL	N	DRY	FIX	PRVTE	M - N								007 062,09	2 26
Y	9P	PORTLAND UA	5.85	SE 106TH AVE	08			N	DLIT	INJ	PSNGR CAR		01 DRVR	INJB	3.0	м (OTH-Y		080	000	26
						(04)															
N	45 24 28.13	-122 33 8.61		017100100S00		(04)											OR<25				00.44
03116 N N N N N STATE	N 09/05/2018 WE	CLACKAMAS HAPPY VALLEY	1 14 MN 0	CARVER RD	STRGHT E	(NONE)	N UNKNOWN	N N	CLR DRY	S-STRGHT REAR	01 NONE 1 PRVTE	STRGHT W -E								000	29,11 11
SIAIE	ME	HAFFI VALUET	PIIN O	CARVER RD	E	(NONE)	OMMIN	IV	DKI	KEAK	FKVIE	W -E								000	11
N	3P	PORTLAND UA	5.91	SE 106TH AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	37	М (OR-Y		042	000	29
N	45 24 28.16	-122 33 4.57		017100100S00		(04)										(OR<25				
											02 NONE 0	STRGHT									
											PRVTE	W -E								000	00
											PSNGR CAR		01 DRVR	INJC	51		OTH-Y N-RES		000	000	00
02206 N. N. N. N. N.		CI I CIVINI C	1 1	4	3.7.7.77				GI D	OTTEDETEDIT	0.1 NONE 0	OMD GUM					IN IKES				26
03306 N N N N N COUNTY	WE WE	CLACKAMAS HAPPY VALLEY	1 14 MN 0	E CARVER RD	ALLEY E	(NONE)	N NONE	N N	CLR DRY	OVERTURN OTH	01 NONE 0 PRVTE	STRGHT W -E								007	26 00
						(110112)	1.01.2														
Y	2P	PORTLAND UA	5.95	SE 106TH AVE	03			N	DAY	INJ	MTRCYCLE		01 DRVR	INJB	46	М (OR-Y		080,083	000	26
N	45 24 28.17	-122 33 1.46		017100100S00		(04)										(OR<25				
02410 N N N N	N 08/18/2021	CLACKAMAS	1 14	1	STRGHT		N	N	CLD	S-STRGHT	01 NONE 9	STRGHT									27,07
STATE	WE	HAPPY VALLEY	MN 0	CARVER RD	W	(NONE)	UNKNOWN	N	DRY	REAR	N/A	W -E								000	00
N	6P	PORTLAND UA	5.97	SE 114TH AVE	04			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk (UNK		000	000	00
NT.	45 04 00 10	100 20 50 00		017100100700		(04)															
N	45 24 28.19	-122 32 59.89		017100100S00		(04)					02 NONE 9	STRGHT				·	UNK				
											N/A	W -E								006	00
											PSNGR CAR		01 DRVR	NONE	00	Unk (UNK		000	000	00
																τ	UNK				
03983 N Y N N N		CLACKAMAS	1 14		STRGHT		N	N	RAIN	S-STRGHT	01 NONE 0	STRGHT									29,07,27
COUNTY	SU	HAPPY VALLEY	MN 0	CARVER RD	W	(NONE)	NONE	N	WET	REAR	PRVTE	E -W								000	00
N	4P	PORTLAND UA	6.03	SE 114TH AVE	07			N	DUSK	INJ	PSNGR CAR		01 DRVR	NONE	30	M (OTH-Y		026,043,016	5 038	29,07,27
N	45 24 28.22	-122 32 55.22		017100100s00		(04)										1	N-RES				
	1 20,22	22 33.22				· /					02 NONE 0	STRGHT				-					
											PRVTE	E -M								000	00
											PSNGR CAR		01 DRVR	INJC	65		OTH-Y N-RES		000	000	00
00895 N N N N N	N 03/07/2017	CLACKAMAS	1 14	1	ALLEY		N	N	RAIN	O-1 L-TIJR	N 01 NONE 0	STRGHT									02,08
COUNTY	TU	HAPPY VALLEY		CARVER RD	M	(NONE)	NONE	N	WET	TURN	PRVTE	E -W								000	00
N	5A	PORTLAND UA	6 N1	SE 114TH AVE	05			N	DLIT	INJ	PSNGR CAR		01 DRVR	רד זא ך	E 6	м	∩ p_ ∨		000	000	00
TA			0.04		US			ΤΛ	דדחת	TIMO	FONGR CAR		OI DKAK	TINOB	50				000	000	00
N	45 24 28.23	-122 32 54.44		017100100S00		(04)										(OR<25				

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 4.88 to 6.55 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

57 - 60 of 109 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC	CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT	FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP	SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT	LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E	X RES	LOC	ERROR	ACT EVENT	CAUSE
											02 NONE 0 PRVTE	TURN-L W -N							019	00
											PSNGR CAR	W	01 DRVR	INJB	63 N	I OR-Y		028,004	000	02,08
																OR<25				
00536 N N N N	02/09/2017	CLACKAMAS	1 14	1	ALLEY		N	N	CLD	ANGL-OTH	01 NONE 0	STRGHT								02
CITY	TH	HAPPY VALLEY	MN 0	CARVER RD	W	(NONE)	UNKNOWN	N	WET	TURN	PRVTE	E -W							000	00
N	11P	PORTLAND UA	6.04	SE 114TH AVE	06			N	DLIT	INJ	PSNGR CAR		01 DRVR	INJC	46 M	I OR-Y		000	000	00
N	45 24 28.23	-122 32 54.44		017100100s00		(04)										OR<25				
						,					02 NONE 0	TURN-L								
											PRVTE	N -E							018	00
											PSNGR CAR		01 DRVR	INJB	20 M			028	000	02
00007 27 27 27	02/29/2020	OT A OTLANCA C	1 14	1	STRGHT		NT.	NT.	OT D	a laman	01 NONE 0	CIMP CTTM				OR<25				20
00807 N N N N NONE	02/29/2020 SA	CLACKAMAS HAPPY VALLEY		CARVER RD	SIRGHI W	(NONE)	N NONE	N N	CLR DRY	S-1STOP REAR	01 NONE 9 N/A	STRGHT W -E							000	29 00
						, ,														
N	6P	PORTLAND UA	6.09	SE 114TH AVE	03			N	DLIT	PDO	PSNGR CAR		01 DRVR	NONE	00 0	nk UNK		000	000	00
N	45 24 28.26	-122 32 50.54		017100100S00		(04)										UNK				
											02 NONE 9	STOP W -E							011	0.0
											N/A PSNGR CAR	W — <u>F</u>	01 DRVR	NONE	τ 00	ink UNK		000	011 000	00
																UNK				
01317 N N N N N	N 04/25/2019	CLACKAMAS	1 14	1	ALLEY		N	N	CLR	O-1 L-TUR	N 01 NONE 0	STRGHT				UNK				02,08
01317 N N N N N N CITY	N 04/25/2019 TH	CLACKAMAS HAPPY VALLEY		l CARVER RD	ALLEY W	(NONE)	N NONE	N N	CLR DRY	O-1 L-TURI	N 01 NONE 0 PRVTE	STRGHT W -E				UNK			000	02,08
			MN 0			(NONE)							01 DRVR	NONE	27 F			000	000	
CITY	TH	HAPPY VALLEY	MN 0	CARVER RD	W	(NONE)		N	DRY	TURN	PRVTE		01 DRVR	NONE	27 F			000		00
CITY	ТН 4Р	HAPPY VALLEY PORTLAND UA	MN 0	CARVER RD SE 114TH AVE	W			N	DRY	TURN	PRVTE		01 DRVR	NONE	27 F	' OR-Y		000		00
CITY	ТН 4Р	HAPPY VALLEY PORTLAND UA	MN 0	CARVER RD SE 114TH AVE	W			N	DRY	TURN	PRVTE PSNGR CAR 01 NONE 0 PRVTE	M -E				OR-Y			000	00
CITY	ТН 4Р	HAPPY VALLEY PORTLAND UA	MN 0	CARVER RD SE 114TH AVE	W			N	DRY	TURN	PRVTE PSNGR CAR 01 NONE 0	W -E STRGHT	01 DRVR			OR-Y		000	000	00
CITY	ТН 4Р	HAPPY VALLEY PORTLAND UA	MN 0	CARVER RD SE 114TH AVE	W			N	DRY	TURN	PRVTE PSNGR CAR 01 NONE 0 PRVTE	W -E STRGHT				OR-Y			000	00
CITY	ТН 4Р	HAPPY VALLEY PORTLAND UA	MN 0	CARVER RD SE 114TH AVE	W			N	DRY	TURN	PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 01 NONE 0 PRVTE	W -E STRGHT W -E	02 PSNG	INJC	06 F	OR-Y OR<25		000	000 000 000	00 00 00 00
CITY	ТН 4Р	HAPPY VALLEY PORTLAND UA	MN 0	CARVER RD SE 114TH AVE	W			N	DRY	TURN	PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 01 NONE 0	W -E STRGHT W -E STRGHT		INJC	06 F	OR-Y OR<25			000	00
CITY	ТН 4Р	HAPPY VALLEY PORTLAND UA	MN 0	CARVER RD SE 114TH AVE	W			N	DRY	TURN	PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR	W -E STRGHT W -E STRGHT W -E	02 PSNG	INJC	06 F	OR-Y OR<25		000	000 000 000	00 00 00 00
CITY	ТН 4Р	HAPPY VALLEY PORTLAND UA	MN 0	CARVER RD SE 114TH AVE	W			N	DRY	TURN	PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 01 NONE 0 PRVTE	W -E STRGHT W -E STRGHT	02 PSNG	INJC	06 F	OR-Y OR<25		000	000 000 000	00 00 00 00
CITY	ТН 4Р	HAPPY VALLEY PORTLAND UA	MN 0	CARVER RD SE 114TH AVE	W			N	DRY	TURN	PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR	W -E STRGHT W -E STRGHT W -E	02 PSNG	INJC	06 F	OR-Y OR<25		000	000 000 000	00 00 00 00
CITY	ТН 4Р	HAPPY VALLEY PORTLAND UA	MN 0	CARVER RD SE 114TH AVE	W			N	DRY	TURN	PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR	W -E STRGHT W -E STRGHT W -E STRGHT W -E	02 PSNG 03 PSNG	INJC	06 F	OR-Y OR<25		000	000 000 000 000	00 00 00 00 00
CITY	ТН 4Р	HAPPY VALLEY PORTLAND UA	MN 0	CARVER RD SE 114TH AVE	W			N	DRY	TURN	PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR	W -E STRGHT W -E STRGHT W -E	02 PSNG 03 PSNG	INJC	06 F	OR-Y OR<25		000	000 000 000 000	00 00 00 00 00
CITY	ТН 4Р	HAPPY VALLEY PORTLAND UA	MN 0	CARVER RD SE 114TH AVE	W			N	DRY	TURN	PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR	W -E STRGHT W -E STRGHT W -E STRGHT W -E	02 PSNG 03 PSNG	INJC INJC INJB	06 F	OR-Y OR<25		000	000 000 000 000	00 00 00 00 00
CITY N	TH 4P 45 24 28.27	HAPPY VALLEY PORTLAND UA -122 32 49.77	MN 0	CARVER RD SE 114TH AVE 017100100S00	W 03		NONE	N	DRY	TURN	PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR	W -E STRGHT W -E STRGHT W -E STRGHT W -E TURN-L E -S	02 PSNG 03 PSNG 04 PSNG	INJC INJC INJB	06 F	OR-Y OR<25		000	000 000 000 000 000 000	00 00 00 00 00 00 00
CITY N N O2112 N N N N	TH 4P 45 24 28.27	HAPPY VALLEY PORTLAND UA -122 32 49.77 CLACKAMAS	MN 0 6.10	CARVER RD SE 114TH AVE 017100100S00	W 03 STRGHT	(04)	NONE	N	DRY DAY	TURN INJ S-1STOP	PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR	W -E STRGHT W -E STRGHT W -E STRGHT W -E TURN-L E -S	02 PSNG 03 PSNG 04 PSNG	INJC INJC INJB	06 F	OR-Y OR<25		000	000 000 000 000 000 000 018 000	00 00 00 00 00 00 00 00 00
CITY N N COUNTY	TH 4P 45 24 28.27	HAPPY VALLEY PORTLAND UA -122 32 49.77 CLACKAMAS HAPPY VALLEY	MN 0 6.10 1 14 MN 0	CARVER RD SE 114TH AVE 017100100S00	W 03 STRGHT W		NONE	N N	DAY DAY RAIN WET	TURN INJ S-1STOP REAR	PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR	W -E STRGHT W -E STRGHT W -E STRGHT W -E TURN-L E -S	02 PSNG 03 PSNG 04 PSNG 01 DRVR	INJC INJB NONE	06 F 08 M 01 M	OR-Y OR<25		000 000 000 028,004	000 000 000 000 000 000 018 000	00 00 00 00 00 00 00 00 00 00 2,08
CITY N N O2112 N N N N	TH 4P 45 24 28.27	HAPPY VALLEY PORTLAND UA -122 32 49.77 CLACKAMAS	MN 0 6.10 1 14 MN 0	CARVER RD SE 114TH AVE 017100100S00	W 03 STRGHT	(04)	NONE	N	DRY DAY	TURN INJ S-1STOP	PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR	W -E STRGHT W -E STRGHT W -E STRGHT W -E TURN-L E -S	02 PSNG 03 PSNG 04 PSNG	INJC INJB NONE	06 F 08 M 01 M	OR-Y OR<25		000	000 000 000 000 000 000 018 000	00 00 00 00 00 00 00 00 00

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 4.88 to 6.55 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

61 - 65 of 109 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM		INJ		EL		PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	Y E	X R	ES	LOC	ERROR	ACT EVENT	CAUSE
										02 NONE 9 N/A	STOP W -E								011	00
										PSNGR CAR	2	01 DRVR	NONE	00	Unk U	NK		000	000	00
															U	NK				
04320 N N N N	11/26/2018	CLACKAMAS	1 14	INTER	3-LEG	N	N	RAIN	S-1STOP	01 NONE 9	STRGHT									29
NO RPT	MO	HAPPY VALLEY	MN 0 CARVER RD	E		TRF SIGNAL	N	WET	REAR	N/A	E - W								000	00
N	5P	PORTLAND UA	6.14 SE 114TH AVE	06	0		N	DLIT	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk U	NK		000	000	00
N	45 24 28.3	-122 32 46.65	017100100800												TT	NK				
IN	45 24 20.5	-122 32 40.03	017100100500							02 NONE 9	STOP				U	INIX				
										N/A	E -W								011	00
										PSNGR CAR		01 DRVR	NONE	00	Unk U	NK		000	000	00
															U	NK				
02901 N N N N	09/29/2021	CLACKAMAS	1 14	INTER	3-LEG	N	N	CLR	S-1STOP	01 NONE 0	STRGHT								089	29,07
NONE	WE	HAPPY VALLEY	MN 0 CARVER RD	W		STOP SIGN	N	DRY	REAR	PRVTE	M -E								000	00
N	8A	PORTLAND UA	6.14 SE 114TH AVE	06	0		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	38	м о	R-Y		026	000	29,07
N	45 24 28.29	-122 32 46.66	017100100800												0	R<25				
										02 NONE 0	STOP									
										PRVTE	M -E								011	00
										PSNGR CAR		01 DRVR	INJC	47		R-Y		000	000	00
										02 NONE 0	STOP				U	R<25				
										PRVTE	W -E								011	00
										PSNGR CAR		02 PSNG	INJC	52	M			000	000	00
02905 N N N N N	N 09/29/2021	CLACKAMAS	1 14	INTER	3-LEG	N	N	CLR	ANGL-OTH	01 NONE 0	STRGHT									02,03,40
COUNTY	WE	HAPPY VALLEY	MN 0 CARVER RD	CN		STOP SIGN	N	DRY	TURN	PRVTE	E -W								000	00
N	7A	PORTLAND UA	6.14 SE 114TH AVE	01	0		N	DAY	INJ	PSNGR CAR		01 DRVR	INJB	45	F O	R-Y		000	000	00
N	45 24 20 20	122 22 46 66	017100100000												0	ים א פר				
N	45 24 28.29	-122 32 46.66	017100100S00							02 NONE 0	TURN-L				U	R<25				
										PRVTE	N -E								000	00
										PSNGR CAR		01 DRVR	INJC	36	м о	TH-Y		028,021	026	02,03,40
															N	-RES				
04667 N N N N	11/07/2017	CLACKAMAS	1 14	STRGHT		N	N	CLD	S-1STOP	01 NONE 9	STRGHT									29
NONE	TU	HAPPY VALLEY	MN 0 CARVER RD	E	(NONE)	UNKNOWN	N	WET	REAR	N/A	W -E								000	00
N	4P	PORTLAND UA	6.15 SE 114TH AVE	03			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk U	INK		000	000	00
N	45 24 28.34	-122 32 44.23	017100100800		(04)										ŢŢ	NK				
					. ,					02 NONE 9	STOP									
										N/A	W -E								011	00
										PSNGR CAR		01 DRVR	NONE	00				000	000	00
															U	NK				

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 4.88 to 6.55 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

66 - 69 of 109 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC CO	NN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT FI	RST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SE	COND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LR	.S		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E	X RES	LOC	ERROR	ACT EVENT	CAUSE
04757 N N N N	12/23/2018	CLACKAMAS	1 14		STRGHT	(170177)	N	N	CLR	S-1STOP	01 NONE 0	STRGHT							0.00	29
NO RPT	SU	HAPPY VALLEY	MN 0 CA	ARVER RD	E	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	W -E							000	00
N	12P	PORTLAND UA	6.15 SE	: 114TH AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	37 M	OR-Y		026	000	29
N	45 24 28.35	-122 32 44.25	01	.7100100S00		(04)										OR<25				
											02 NONE 0	STOP								
											PRVTE	W -E							011	00
											PSNGR CAR		01 DRVR	NONE	43 F			000	000	00
											02 NONE 0	CTOD				N-RES				
											PRVTE	STOP W -E							011	00
											PSNGR CAR	и Б	02 PSNG	INJC	12 F			000	000	00
01176 N N N N	04/11/2019	CLACKAMAS	1 14		STRGHT		N	N	CLR	S-STRGHT	01 NONE 0	STRGHT								29
NONE	TH	HAPPY VALLEY	MN 0 CA	ARVER RD	E	(NONE)	NONE	N	DRY	REAR	PRVTE	W -E							000	00
N	1P	PORTLAND UA	6.16 SE	: 114TH AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	63 F	OR-Y		042	000	29
															-					
N	45 24 28.36	-122 32 44.27	01	.7100100S00		(04)					0.0 MONE 0	CIED CLIE				OR<25				
											02 NONE 0 PRVTE	STRGHT W -E							006	00
											PSNGR CAR	W -E	01 DRVR	INJC	32 F	OR-Y		000	000	00
															-	OR<25				
00978 N N N N	03/19/2020	CLACKAMAS	1 14		STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
NONE	TH	HAPPY VALLEY	MN 0 CA	RVER RD	E	(NONE)	NONE	N	DRY	REAR	PRVTE	E -W							000	00
N	11A	PORTLAND UA	6.16 SE	: 114TH AVE	06			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	34 M	OR-Y		026	000	29
N	45 24 28.35	-122 32 44.24	01	.7100100S00		(04)					02 NONE 0	STOP				OR<25				
											PRVTE	E -W							011	00
											PSNGR CAR	2	01 DRVR	INJC	33 M	OR-Y		000	000	00
																OR<25				
01019 N N N N	03/14/2017	CLACKAMAS	1 14		STRGHT		N	N	UNK	S-1STOP	01 NONE 9	STRGHT								29
NONE	TU	HAPPY VALLEY	MN 0 CA	RVER RD	E	(NONE)	TRF SIGNAL	N	WET	REAR	N/A	W -E							000	00
N	4P	PORTLAND UA	6.20 SE	: 114TH AVE	03			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 U:	nk UNK		000	000	00
NT.	45 04 00 25	100 20 42 40	0.1	7100100000		(04)										TT3.TT2				
N	45 24 28.35	-122 32 43.49	01	.7100100S00		(04)					02 NONE 9	STOP				UNK				
											N/A	W -E							011	00
											PSNGR CAR		01 DRVR	NONE	00 U:	nk UNK		000	000	00
																UNK				
02475 N N N N	09/10/2020	CLACKAMAS	1 14		STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
NO RPT	TH	HAPPY VALLEY	MN 0 CA	RVER RD	E	(NONE)	TRF SIGNAL	N	DRY	REAR	PRVTE	W -E							000	00
N	7A	PORTLAND UA	6.20 SE	114TH AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	51 M	OR-Y		026	000	29
N	45 24 28 34	-122 32 43.49	01	.7100100S00		(04)										OR<25				
-1	15 21 20.54	100 JU 1J, TJ	01			(01)										01(~2)				

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 4.88 to 6.55 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

70 - 74 of 109 Crash records shown.

	S D M																				
SER#	P R J S	W DATE	COUNTY	RD# FC	CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST	EAUIC	O DAY	CITY	COMPNT	FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S				
RD DPT	ELGNH	R TIME	URBAN AREA	MLG TYP	SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS	PED			
UNLOC?	D C S V L	K LAT	LONG	MILEPNT	LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E	X RES	LOC	ERROR	ACT EVENT	CAUSE
												02 NONE 0	STOP							0.1.1	0.0
												PRVTE PSNGR CAR	M -E	01 DRVR	TNIC	E 7	M OD W		000	011 000	00 00
												PSNGR CAR		UI DRVR	INUC	57	OR<25		000	000	00
01218	NNNNN	N 04/28/2020	CLACKAMAS	1 14	1	STRGHT		N	N	CLD	S-1TURN	01 NONE 9	STRGHT								35,13
STATE	2. 2. 2. 2. 2.	TU	HAPPY VALLEY		CARVER RD	E	(NONE)	TRF SIGNAL	N	DRY	TURN	N/A	E -W							000	00
					44.4	0.5								0.1			,				0.0
N		6P	PORTLAND UA	6.20	SE 114TH AVE	05			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N		45 24 28.35	-122 32 43.5		017100100S00		(04)										UNK				
												02 NONE 9	STRGHT								
												N/A	E -W	0.1		0.0	1		0.00	000	00
												PSNGR CAR		01 DRVR	NONE	00	UNK UNK		000	000	00
00000	N N N N	10/20/2020	CT A CIVAMA C	1 1/	1	7 T T T37		DT.	NT.	GI D	ANGI OIII	0.1 NONE 0	OMD GUM				OIVIC				0.2
NO RPT	N N N N	10/20/2020 TU	CLACKAMAS HAPPY VALLEY	1 14 MN 0	CARVER RD	ALLEY E	(NONE)	N NONE	N N	CLR DRY	ANGL-OTH TURN	01 NONE 9 N/A	STRGHT E -W							000	02 00
							(,														
N		5P	PORTLAND UA	6.21	SE 114TH AVE	04			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N		45 24 28.35	-122 32 42.82		017100100S00		(04)										UNK				
												02 NONE 9	TURN-L								
												N/A	S -W							018	00
												SEMI TOW		01 DRVR	NONE	00	Unk UNK UNK		000	000	00
02455		77.00.400.40010				CERT CLUE			17	=00	g 1gmon	0.1 270277 0	amp arra				OIVIC				01.05
	Y N N N N	N 09/29/2018	CLACKAMAS	1 14		STRGHT	(NONE)	N TDF SIGNAL	N N	FOG	S-1STOP	01 NONE 0	STRGHT				OINIC			000	01,07
03475 CITY	Y N N N N	N 09/29/2018 SA	CLACKAMAS HAPPY VALLEY		l CARVER RD	STRGHT E	(NONE)	N TRF SIGNAL	N N	FOG WET	S-1STOP REAR	01 NONE 0 PRVTE	STRGHT E -W				UNK			000	01,07
	Y N N N N			MN 0			(NONE)							01 DRVR	INJB	43	M OTH-Y		047,043,0		
CITY	Y N N N N	SA	HAPPY VALLEY	MN 0	CARVER RD	E	(NONE)		N	WET	REAR	PRVTE		01 DRVR	INJB	43			047,043,0		00
CITY	Y N N N N	SA 11P	HAPPY VALLEY PORTLAND UA	MN 0	CARVER RD SE 114TH AVE	E			N	WET	REAR	PRVTE		01 DRVR	INJB	43	M OTH-Y		047,043,0		00
CITY	Y N N N N	SA 11P	HAPPY VALLEY PORTLAND UA	MN 0	CARVER RD SE 114TH AVE	E			N	WET	REAR	PRVTE PSNGR CAR 02 NONE 0 PRVTE	E -W				M OTH-Y UNK			011	00 01,07
CITY	YNNNN	SA 11P	HAPPY VALLEY	MN 0	CARVER RD SE 114TH AVE	E			N	WET	REAR	PRVTE PSNGR CAR 02 NONE 0	E -W	01 DRVR			M OTH-Y UNK M OR-Y		047,043,0	26 000	00
CITY	Y N N N N	SA 11P	HAPPY VALLEY	MN 0	CARVER RD SE 114TH AVE	E			N	WET	REAR	PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR	E -W STOP E -W				M OTH-Y UNK			011	00 01,07
CITY	Y N N N N	SA 11P	HAPPY VALLEY	MN 0	CARVER RD SE 114TH AVE	E			N	WET	REAR	PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0	E -W				M OTH-Y UNK M OR-Y			011 000	00 01,07 00 00
N	Y N N N N	SA 11P	HAPPY VALLEY	MN 0	CARVER RD SE 114TH AVE	E			N	WET	REAR	PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR	E -W STOP E -W		INJC	46	M OTH-Y UNK M OR-Y OR<25			011	00 01,07
CITY	Y N N N N	SA 11P	HAPPY VALLEY	MN 0	CARVER RD SE 114TH AVE	E			N	WET	REAR	PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE	E -W STOP E -W	01 DRVR	INJC	46	M OTH-Y UNK M OR-Y OR<25		000	011 000	00 01,07 00 00
CITY	Y N N N N	SA 11P	HAPPY VALLEY	MN 0	CARVER RD SE 114TH AVE	E			N	WET	REAR	PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR	E -W STOP E -W STOP E -W	01 DRVR	INJC	46	M OTH-Y UNK M OR-Y OR<25		000	011 000 011 000	00 01,07 00 00
CITY	Y N N N N	SA 11P	HAPPY VALLEY	MN 0	CARVER RD SE 114TH AVE	E			N	WET	REAR	PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR	E -W STOP E -W STOP E -W	01 DRVR 02 PSNG	INJC	46	M OTH-Y UNK M OR-Y OR<25		000	011 000 011 000	00 01,07 00 00 00
CITY	Y N N N N	SA 11P	HAPPY VALLEY	MN 0	CARVER RD SE 114TH AVE	E			N	WET	REAR	PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR	E -W STOP E -W STOP E -W	01 DRVR	INJC	46	M OTH-Y UNK M OR-Y OR<25		000	011 000 011 000	00 01,07 00 00
N N		SA 11P 45 24 28.36	HAPPY VALLEY PORTLAND UA -122 32 42.13	MN 0	CARVER RD SE 114TH AVE 017100100S00	E 06		TRF SIGNAL	N N	WET	REAR INJ	PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR	E -W STOP E -W STOP E -W	01 DRVR 02 PSNG	INJC	46	M OTH-Y UNK M OR-Y OR<25		000	011 000 011 000	00 01,07 00 00 00
O0205		SA 11P 45 24 28.36	HAPPY VALLEY PORTLAND UA -122 32 42.13 CLACKAMAS	MN 0 6.22	CARVER RD SE 114TH AVE 017100100S00	E 06 STRGHT	(04)	TRF SIGNAL	N	WET DLIT	REAR INJ S-STRGHT	PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 01 NONE 9	E -W STOP E -W STOP E -W STOP E -W	01 DRVR 02 PSNG	INJC	46	M OTH-Y UNK M OR-Y OR<25		000	011 000 011 000	00 01,07 00 00 00 00 00 27,07,29
N N N OO205		SA 11P 45 24 28.36 N 01/17/2018 WE	HAPPY VALLEY PORTLAND UA -122 32 42.13 CLACKAMAS HAPPY VALLEY	MN 0 6.22 1 14 MN 0	CARVER RD SE 114TH AVE 017100100S00	E 06 STRGHT W		TRF SIGNAL	N N N	WET DLIT RAIN WET	REAR INJ S-STRGHT REAR	PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR	E -W STOP E -W STOP E -W	01 DRVR 02 PSNG 03 PSNG	INJC INJC INJC	46	M OTH-Y UNK M OR-Y OR<25		000	011 000 011 000 011 000	00 01,07 00 00 00 00 00 27,07,29 00
O0205		SA 11P 45 24 28.36	HAPPY VALLEY PORTLAND UA -122 32 42.13 CLACKAMAS	MN 0 6.22 1 14 MN 0	CARVER RD SE 114TH AVE 017100100S00	E 06 STRGHT	(04)	TRF SIGNAL	N	WET DLIT	REAR INJ S-STRGHT	PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 01 NONE 9	E -W STOP E -W STOP E -W STOP E -W	01 DRVR 02 PSNG	INJC INJC INJC	46	M OTH-Y UNK M OR-Y OR<25		000	011 000 011 000	00 01,07 00 00 00 00 00 27,07,29
N N N OO205		SA 11P 45 24 28.36 N 01/17/2018 WE 5P	HAPPY VALLEY PORTLAND UA -122 32 42.13 CLACKAMAS HAPPY VALLEY	MN 0 6.22 1 14 MN 0	CARVER RD SE 114TH AVE 017100100S00	E 06 STRGHT W	(04)	TRF SIGNAL	N N N	WET DLIT RAIN WET	REAR INJ S-STRGHT REAR	PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR	E -W STOP E -W STOP E -W STOP E -W	01 DRVR 02 PSNG 03 PSNG	INJC INJC INJC	46	M OTH-Y UNK M OR-Y OR<25		000	011 000 011 000 011 000	00 01,07 00 00 00 00 00 27,07,29 00
N N OO 205 STATE		SA 11P 45 24 28.36 N 01/17/2018 WE 5P	HAPPY VALLEY PORTLAND UA -122 32 42.13 CLACKAMAS HAPPY VALLEY PORTLAND UA	MN 0 6.22 1 14 MN 0	CARVER RD SE 114TH AVE 017100100S00	E 06 STRGHT W	(NONE)	TRF SIGNAL	N N N	WET DLIT RAIN WET	REAR INJ S-STRGHT REAR	PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 01 NONE 9 N/A PSNGR CAR	E -W STOP E -W STOP E -W STOP E -W STRGHT W -E	01 DRVR 02 PSNG 03 PSNG	INJC INJC INJC	46	M OTH-Y UNK M OR-Y OR<25 F		000	011 000 011 000 011 000	00 01,07 00 00 00 00 00 27,07,29 00
N N OO 205 STATE		SA 11P 45 24 28.36 N 01/17/2018 WE 5P	HAPPY VALLEY PORTLAND UA -122 32 42.13 CLACKAMAS HAPPY VALLEY PORTLAND UA	MN 0 6.22 1 14 MN 0	CARVER RD SE 114TH AVE 017100100S00	E 06 STRGHT W	(NONE)	TRF SIGNAL	N N N	WET DLIT RAIN WET	REAR INJ S-STRGHT REAR	PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 01 NONE 9 N/A PSNGR CAR	E -W STOP E -W STOP E -W STOP E -W	01 DRVR 02 PSNG 03 PSNG	INJC INJC INJC	46 46 15	M OTH-Y UNK M OR-Y OR<25 F		000	011 000 011 000 011 000 000	00 01,07 00 00 00 00 00 27,07,29 00 00
CITY N N N O0205 STATE		SA 11P 45 24 28.36 N 01/17/2018 WE 5P	HAPPY VALLEY PORTLAND UA -122 32 42.13 CLACKAMAS HAPPY VALLEY PORTLAND UA	MN 0 6.22 1 14 MN 0	CARVER RD SE 114TH AVE 017100100S00	E 06 STRGHT W	(NONE)	TRF SIGNAL	N N N	WET DLIT RAIN WET	REAR INJ S-STRGHT REAR	PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 01 NONE 9 N/A PSNGR CAR	E -W STOP E -W STOP E -W STOP E -W STRGHT W -E	01 DRVR 02 PSNG 03 PSNG	INJC INJC INJC	46 46 15	M OTH-Y UNK M OR-Y OR<25 F		000	011 000 011 000 011 000	00 01,07 00 00 00 00 00 27,07,29 00

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 4.88 to 6.55 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

75 - 78 of 109 Crash records shown.

S D M																					
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE											
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				A S	3					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INC	Ţ	G 1	E LICNS	S PED				
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVE	YTS	E Z	K RES	LOC	EF	RROR	ACT EVENT	CAUSE
02788 N Y N N N	N 09/21/2021	CLACKAMAS	1 14	STRGHT		N	N	CLD	S-1STOP	01 NONE 0	STRGHT									013	27,29
STATE	TU	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	NONE	N	DRY	REAR	PRVTE	E -W									000	00
N	6P	PORTLAND UA	6.39 SUNRISE EXWY HWY	03			N	DAY	INJ	PSNGR CAR		01 DRVR	INC	JB 4	6 F	OR-Y		02	26	038	27,29
N	45 24 28.38	-122 32 29.02	017100100s00		(04)											OR<25	5				
										02 NONE 0	STRGHT										
										PRVTE	E -W									006 013	00
										PSNGR CAR		01 DRVR	INC	JB 3	4 M	OR-Y OR<25		00	00	000	00
										02 NONE 0	STRGHT										
										PRVTE	E -W									006 013	00
										PSNGR CAR		02 PSNG	INC	JA 3	1 F			0(00	000	00
										03 NONE 0	STOP										
										PRVTE	E -W									022	00
										PSNGR CAR		01 DRVR	INC	JC 4	4 F	OR-Y OR<25	5	00	00	000	00
										03 NONE 0	STOP										
										PRVTE	E -W									022	00
										PSNGR CAR		02 PSNG	INC	JC 0	5 M			0.0	00	000	00
00354 N N N N	02/09/2021	CLACKAMAS	1 14	STRGHT	(MONE)	N	N	CLR	S-STRGHT	01 NONE 9	STRGHT									000	27,29
COUNTY	TU	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	UNKNOWN	N	WET	REAR	N/A	W -E									000	00
N	6P	PORTLAND UA	6.40 122ND AVE	03			N	DUSK	PDO	PSNGR CAR		01 DRVR	NOI	NE C	0 Ur	nk UNK		00	00	000	00
N	45 24 28.36	-122 32 28.23	017100100S00		(04)											UNK					
										02 NONE 9	STRGHT									006	0.0
										N/A PSNGR CAR	W -E	01 DRVR	NION	JE C	Λ II _Y	יף וואוג		0.0	00	006 000	00
										PSNGK CAK		UI DKVK	NOI	VE C	0 01	UNK		01	00	000	00
00659 N N N N	02/19/2020	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT										29
NONE	WE	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	NONE	N	DRY	REAR	PRVTE	W -E									000	00
	0.7		C AE CIPIDAGE DVINA INNA	0.4			3.7	D311	T	DOMOD CAD		01 DDIT	T.T.	T. G. C		OD 17		0.0	0.6	000	2.0
N	8A	PORTLAND UA -122 32 24.42	6.45 SUNRISE EXWY HWY 017100100S00	04	(04)		N	DAY	INJ	PSNGR CAR		01 DRVR	INC	JC 6	8 F	OR-Y		U 2	26	000	29
N	TJ 4T 40.30	-144 34 44.44	01/100100500		(04)					02 NONE 0	STOP					UK 4 Z S	,				
										PRVTE	W -E									011	00
										PSNGR CAR		01 DRVR	NON	IE 7	5 F	OR-Y		0.0	00	000	00
																UNK					
01542 N N N N	06/03/2020	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 9	STRGHT										29
NONE	WE	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	NONE	N	DRY	REAR	N/A	E -W									000	00
N	7A	PORTLAND UA	6.47 122ND AVE	05			N	DAY	PDO	PSNGR CAR		01 DRVR	NOI	NE C	0 Ur	nk UNK		00	00	000	00
N	45 24 28.37	-122 32 22.87	017100100S00		(04)											UNK					
										02 NONE 9	STOP										
										N/A	E - W									011	00
										PSNGR CAR		01 DRVR	NON	NE C	0 Ur			0.0	00	000	00
																UNK					

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 4.88 to 6.55 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

79 - 83 of 109 Crash records shown.

S D M																			
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E	X RES	LOC	ERROR	ACT EVENT	CAUSE
02642 N N N N	10/01/2020	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
NO RPT	TH	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	W -E							000	00
N	3P	PORTLAND UA	6.52 122ND AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	22 F	OR-Y		026	000	29
N	45 24 28.35	-122 32 18.97	017100100800		(04)										OR<25				
										02 NONE 0	STOP								
										PRVTE	M -E	01 DDIE	TMT0				0.00	011	0.0
										PSNGR CAR		01 DRVR	INJC	55 M	OR-Y OR<25		000	000	00
02564 N N N N	09/23/2020	CLACKAMAS	1 14	STRGHT		N	N	RAIN	S-STRGHT	01 NONE 0	STRGHT								29
NONE	WE	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	NONE	N	WET	REAR	PRVTE	W -E							000	00
N	2P	PORTLAND UA	6.52 122ND AVE	04			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	28 M	OR-Y		042	000	29
N	45 24 28.36	-122 32 19.01	017100100800		(04)										OR>25				
										02 NONE 0	STRGHT								
										PRVTE	M -E							000	00
										PSNGR CAR		01 DRVR	INJC	24 M	OR-Y OR<25		000	000	00
02632 N N N N N	N 07/27/2018	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
COUNTY	FR	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	TRF SIGNAL	N	DRY	REAR	PRVTE	W -E							000	00
N	3P	PORTLAND UA	6.53 122ND AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	INJC	75 M	OR-Y		026	000	29
N	45 24 28.35	-122 32 18.18	017100100S00		(04)										OR<25				
										02 NONE 0	STOP								
										PRVTE	M -E	0.4						011	00
										PSNGR CAR		01 DRVR	INJC	52 F	OR-Y OR<25		000	000	00
01853 N N N N	07/16/2020	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
COUNTY	TH	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	NONE	N	DRY	REAR	UNKN	M -E							000	00
N	6A	PORTLAND UA	6.53 122ND AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	00 U	nk UNK		026	000	29
N	45 24 28.35	-122 32 18.24	017100100800		(04)										UNK				
										02 NONE 0	STOP								
										PRVTE	W -E							011	00
										PSNGR CAR		01 DRVR	INJC	49 F			000	000	00
00444 37 37	00/00/000	OT A OFFICE OF	1 14	amp ar-			37	GT 5	0 10===	01 1101777	OFF 6				OR<25				20
02444 N N N N NONE	08/22/2021 SU	CLACKAMAS HAPPY VALLEY	1 14 MN 0 CARVER RD	STRGHT W	(RSDMD)	Y UNKNOWN	N N	CLR WET	S-1STOP REAR	01 NONE 9 N/A	STRGHT W -E							000	29 00
					(RSDRD)	ONKNOWN					M — 12	01 DDIM	MONTE	0.0 7			000		
N	10A	PORTLAND UA	6.53 SUNRISE EXWY HWY	03			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	UU U			000	000	00
N	45 24 28.35	-122 32 18.22	017100100S00		(04)					0.0 110177	QMC P				UNK				
										02 NONE 9 N/A	STOP W -E							011	00
										N/A PSNGR CAR	W -E	01 DRVR	NONE	00 11	nk UNK		000	000	00
										2 D2.OIC CIM		OI DIVI	2.0111		UNK				

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TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 4.88 to 6.55 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

84 - 87 of 109 Crash records shown.

S D M																					
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE											
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				A	S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	IN	J	G	E LIC	NS :	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVI	RTY	E	X RES		LOC	ERROR	ACT EVENT	CAUSE
02719 N N N N N	N 08/09/2019	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT									013	07,29
STATE	FR	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	NONE	N	DRY	REAR	PRVTE	W -E									000	00
N	5P	PORTLAND UA	6.53 122ND AVE	04			N	DAY	INJ	PSNGR CAR		01 DRVR	NOI	NE	60 F	OR-	Y		043,026	000	07,29
N	45 24 28.36	-122 32 18.23	017100100s00		(04)											OR<	25				
										02 NONE 0	STOP										
										PRVTE	W -E	0.1 DDITE		T.C.		0.0	.,		000	011 013	00
										PSNGR CAR		01 DRVR	IN	JC	57 F	OR-			000	000	00
										03 NONE 0	STOP										
										PRVTE	W -E									022	00
										PSNGR CAR		01 DRVR	NOI	NE	62 M	OR-			000	000	00
00965 N N N N N	N 04/15/2021	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1TURN	01 NONE 9	U-TURN										08
CITY	TH	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	UNKNOWN	N	DRY	TURN	N/A	W - W									000	00
N	6P	PORTLAND UA	6.53 122ND AVE	04			N	DAY	PDO	PSNGR CAR		01 DRVR	NOI	NE	00 U	nk UNK			000	000	00
N	45 24 28.35	-122 32 18.24	017100100s00		(04)											UNK					
										02 NONE 9	STRGHT										
										N/A	W -E									000	00
										PSNGR CAR		01 DRVR	NOI	NE	00 U	nk UNK UNK			000	000	00
01343 N N N N	04/22/2018	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 9	STRGHT										29
NONE	SU	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	L-TURN REF	N	DRY	REAR	N/A	W -E									000	00
N	7P	PORTLAND UA	6.53 122ND AVE	05			N	DUSK	PDO	PSNGR CAR		01 DRVR	NOI	NE	00 U	nk UNK			000	000	00
N	45 24 28.36	-122 32 18.24	017100100s00		(05)											UNK					
										02 NONE 9	STOP										
										N/A	W -E									011	00
										PSNGR CAR		01 DRVR	NOI	NE	U 00	nk UNK UNK			000	000	00
03510 N N N N	11/17/2021	CLACKAMAS	1 14	STRGHT		Y	N	RAIN	S-1STOP	01 NONE 9	STRGHT										27
NO RPT	WE	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	UNKNOWN	N	WET	REAR	N/A	M -E									000	00
N	3P	PORTLAND UA	6.54 122ND AVE	03			N	DAY	PDO	PSNGR CAR		01 DRVR	NOI	NE	00 U	nk UNK			000	000	00
N	45 24 28.35	-122 32 17.46	017100100s00		(04)											UNK					
										02 NONE 9	STOP										
										N/A	W -E									011	00
										PSNGR CAR		01 DRVR	NOI	NE	00 U	nk UNK UNK			000	000	00
03107 N N N N N	N 10/17/2021	CLACKAMAS	1 17 1	INTER	5-LEG	N	N	CLD	PED	01 NONE 0	TURN-R									128	02
STATE	SU		CN 0	SW		TRF SIGNAL	N	DRY	PED	PRVTE	W -S									000	00
N	6P	PORTLAND UA	4.88	09	1		N	DLIT	INJ	PSNGR CAR		01 DRVR	NOI	NE	57 M				029	000	02
N	45 24 26.87	-122 34 20.11	0171A0100S00													OR<	25				

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 4.88 to 6.55 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

88 - 95 of 109 Crash records shown.

S D M																			
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	7 E	X RES	LOC	ERROR	ACT EVENT	CAUSE
											_								
											STRGHT	01 PED	INJC	13	М	I XWL	к 000	034	19
											W E								
03017 N N N N N		CLACKAMAS	1 17 1	STRGHT		N	N	CLR	OTH OBJ	01 NONE 0	STRGHT							050	27,13,32
STATE	SA	DODEL AND 114	CN 0	UN	(RSDMD)	TRF SIGNAL	N	DRY	FIX	PRVTE	E -W	0.1 DDIM	TNIC	2.0	M OD W		045 050	000 050	00
N N	2A 45 24 26.87	PORTLAND UA -122 34 20.67	4.89 0171A0100S00	05	(06)		N	DLIT	INJ	MTRCYCLE		UI DRVR	INJC	39	M OR-Y OR<25		045,052	038	27,13,32
00671 N N N N	03/07/2021	CLACKAMAS	1 11 2	INTER	CROSS	N	NT .	CLR	S-1STOP	01 NONE 0	CTD CLIT				01(123				27,29
NONE	03/07/2021 SU	CLACKAMAS	I II 2 CN 0	NE	CRUSS	YIELD	N N	DRY	S-ISTOP REAR	PRVTE	STRGHT NW-SE							000	00
N	3P	PORTLAND UA	4.89	09	1	11222	N	DAY	INJ	PSNGR CAR	1 22	01 DRVR	INJC	20	F OR-Y		026	038	27,29
N	45 24 26.87	-122 34 20.11	0171AP100S00												OR<25				
										02 NONE 0	STOP								
										PRVTE	NW-SE							011	00
										PSNGR CAR		01 DRVR	INJC	43	F OR-Y OR<25		000	000	00
01415	04/15/0015		1 11 0		97.099				33797 0077	0.1 270277 0					OR<25				
01415 N N N N NONE	04/15/2017 SA	CLACKAMAS	1 11 2 CN 0	INTER CN	CROSS	N TRF SIGNAL	N N	CLR DRY	ANGL-OTH TURN	01 NONE 9 N/A	TURN-R N -W							000	02 00
N	9A	PORTLAND UA	4.89	01	1	IKF SIGNAL	N	DAY	PDO	PSNGR CAR	IV -W	01 DRVR	NONE	00	Unk UNK		000	000	00
N	45 24 26.87	-122 34 20.11	0171AP100S00												UNK				
										02 NONE 9	STRGHT								
										N/A	E -W							000	00
										PSNGR CAR		01 DRVR	NONE	00	Unk UNK UNK		000	000	00
03635 Y N N N N	N 09/04/2017	CLACKAMAS	1 17 1	STRGHT		N	N	CLR	OTH OBJ	01 NONE 0	STRGHT				OIVIC			044	30
COUNTY	MO	CLACKAMAS	CN 0	UN	(RSDMD)	TRF SIGNAL	N	DRY	FIX	PRVTE	E -W							000 044	00
Y	11A	PORTLAND UA	4.92	03	(1122112)		N	DAY	INJ	PSNGR CAR		01 DRVR	INJC	35	M SUSP		050,073,080		30
N	45 24 26.83	-122 34 22.34	0171A0100S00		(03)										UNK				
00909 N N N N	03/11/2020	CLACKAMAS	1 17 1	INTER	3-LEG	N	N	CLR	ANGL-OTH	01 NONE 9	TURN-L								02
NONE	WE		CN 0	E		STOP SIGN	N	DRY	TURN	N/A	N -E							000	00
N	3P	PORTLAND UA	4.93	05	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00			000	000	00
N	45 24 26.84	-122 34 22.95	0171A0100S00							0.0 NONE 0	CMD CLIM				UNK				
										02 NONE 9 N/A	STRGHT W -E							000	00
										PSNGR CAR	W E	01 DRVR	NONE	0.0	Unk UNK		000	000	00
															UNK				
01680 N N N N N	N 07/01/2020	CLACKAMAS	1 17 1	INTER	3-LEG	N	Y	CLD	PRKD MV	01 NONE 9	STRGHT								10
COUNTY	WE		CN 0	UN		STOP SIGN	N	DRY	HEAD	N/A	UN-UN							000	00
N	8P	PORTLAND UA	4.94	00	1		N	DUSK	PDO	PSNGR CAR		01 DRVR	NONE	00			000	000	00
N	45 24 26.84	-122 34 23.58	0171A0100S00							0.0 могт					UNK				
										02 NONE 9 N/A	PRKD-P UN-UN							008	00
										PSNGR CAR	OIN-OIN							008	00
02365 N N N N	08/15/2021	CLACKAMAS	1 17 1	INTER	3-LEG	N	Y	CLR	FIX OBJ	01 NONE 0	TURN-R							040,02	9 08
NO RPT	SU		CN 0	N		STOP SIGN	N	DRY	FIX	PRVTE	E -N							000 040,02	
N	1A	PORTLAND UA	4.94	06	1		N	DLIT	INJ	PSNGR CAR		01 DRVR	INJB	62	M OR-Y		001,007,081	017	08
N	45 24 26.83	-122 34 23.56	0171A0100S00												OR<25				

CONTINUOUS SYSTEM CRASH LISTING

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 4.88 to 6.55 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

96 - 101 of 109 Crash records shown.

S D M																			
SER# P R J	S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I		CITY	COMPNT FIRST STREET	DIRECT		INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S				
RD DPT E L G N		URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT		COLL	OWNER	FROM	PRTC	INJ		E LICNS	PED			
UNLOC? D C S V		LONG	MILEPNT LRS	20011.	(#LANES)			LIGHT		V# TYPE	TO	P# TYPE				LOC	ERROR	ACT EVENT	CAUSE
03222 Y N N N	N N 10/27/2021	CLACKAMAS	1 17 1	INTER	3-LEG	N	N	RAIN	ANGL-OTH	01 NONE 9	TURN-R								01
COUNTY	WE		CN 0	N		YIELD	N	WET	TURN	N/A	SE-N							000	00
N	6P	PORTLAND UA	4.94	06	1		N	DLIT	PDO	PSNGR CAR		01 DRVR	NONE	00 U:	nk UNK		000	000	00
N	45 24 26.83	-122 34 23.56	0171A0100S00												UNK				
										02 NONE 9	STRGHT							0.00	0.0
										N/A PSNGR CAR	N -S	01 DRVR	NONE	00 11	nk IINK		000	000	00
										PSNGR CAR		OI DRVR	NONE	00 0.	UNK		000	000	00
04675 N N N N	12/20/2018	CLACKAMAS	1 17 1	INTER	3-LEG	N	N	UNK	S-1STOP	01 NONE 9	STRGHT								29
NONE	TH		CN 0	NE		YIELD	N	WET	REAR	N/A	SE-NW							000	00
N	6A	PORTLAND UA	4.94	09	1		N	DAWN	PDO	PSNGR CAR		01 DRVR	NONE	00 U:	nk UNK		000	000	00
N	45 24 26.85	-122 34 23.57	0171A0100S00												UNK				
										02 NONE 9	STOP							011	0.0
										N/A PSNGR CAR	SE-NW	01 DRVR	NONE	00 11	nk IINK		000	011 000	00
										FSNGK CAR		OI DRVR	NONE	00 0.	UNK		000	000	00
02150 N N N N	08/10/2020	CLACKAMAS	1 17 1	INTER	3-LEG	N	N	CLR	S-1STOP	01 NONE 9	STRGHT								29
COUNTY	MO	CHACITAIAD	CN 0	NE	J LEG	YIELD	N	DRY	REAR	N/A	SE-NW							000	00
N	2P	PORTLAND UA	4.94	09	1		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 U:	nk UNK		000	000	00
N	45 24 26.85	-122 34 23.55	0171A0100S00												UNK				
										02 NONE 9	STOP								
										N/A	SE-NW							011	00
										PSNGR CAR		01 DRVR	NONE	00 0:	nk UNK UNK		000	000	00
00200 NININI	NT NT 01 /22 /2020	CT 7 CT/2 N/2 C	1 17 1	TAMED	2 1 50	NT.	NT.	GI D	ANIGI OFFI	0.1 NONE 0	milda i				OIVIC				02.12
00300 N N N N COUNTY	TH	CLACKAMAS	1 17 1 CN 0	INTER CN	3-LEG	N STOP SIGN	N N	CLD WET	ANGL-OTH TURN	01 NONE 9 N/A	TURN-L N -E							015	02,13 00
N	8P	PORTLAND UA	4.94	03	1	5101 5101	Y	DLIT	PDO	PSNGR CAR		01 DRVR	NONE	00 U:	nk UNK		000	000	00
N	45 24 26.84	-122 34 23.57	0171A0100S00												UNK				
										02 NONE 9	STRGHT								
										N/A	W -E							018	00
										PSNGR CAR		01 DRVR	NONE	00 U:			000	000	00
															UNK				
01336 N N N N		CLACKAMAS	1 11 2 CN 0	CURVE UN	(NONE)	N UNKNOWN	Y	CLD DRY	FIX OBJ	01 NONE 9	STRGHT N -S							121 000	10 00
STATE Y	SA 4P	PORTLAND UA	5.01	01	(NONE)	UNKNOWN	N	DAY	FIX PDO	N/A PSNGR CAR	N -2	01 DRVR	NONE	00 11	nk IINK		000	000	00
N	45 24 20.17	-122 34 22.21	0171AP100S00	01	(01)		11	DIII	120	I DIVOIC CITIC		OI DIVIC	NONE	00 0.	UNK		000	000	0.0
02839 N N N N		CLACKAMAS	1 11 2	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT								27,29
STATE	WE		CN 0	UN	(NONE)	RAMP METER	N	DRY	REAR	PRVTE	N -S							000	00
N	4P	PORTLAND UA	5.09	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	22 M	OR-Y		026	038	27,29
N	45 24 16	-122 34 19.29	0171AP100S00		(01)										OR<25	;			
										02 NONE 0	STOP							011	0.0
										PRVTE PSNGR CAR	N -S	01 DD17D	TNIC	/2 M	OP-V		000	011 000	00
										FONGK CAR		01 DRVR	TIMOC	±2 M	OR-1		000	000	00
04558 N N N N	12/11/2018	CLACKAMAS	2 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
NONE	TU		MIN 0	UN	(NONE)	RAMP METER	N	DRY	REAR	PRVTE	S -N							000	00
N	7A	PORTLAND UA	5.04	03			N	DAY	INJ	PSNGR CAR		01 DRVR	INJC	24 F	OR-Y		026	000	29
N	45 24 33.08	-122 34 17.15	017100200800		(01)										OR<25	i			

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 4.88 to 6.55 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

102 - 107 of 109 Crash records shown.

S I	D M																		
	R J S W DATE	COUNTY	RD# FC CONN#	R	D CHAR	INT-TYPE					SPCL USE								
INVEST E A U		CITY	COMPNT FIRST		IRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S			
RD DPT E L (URBAN AREA	MLG TYP SECONI		OCTN	LEGS	TRAF-	RNDBT		COLL	OWNER	FROM	PRTC	TNJT		E LICNS PED			
UNLOC? D C		LONG	MILEPNT LRS			(#LANES)			LIGHT		V# TYPE	TO	P# TYPE				ERROR	ACT EVENT	CAUSE
		,									02 NONE 0	STOP					-		
											PRVTE	S -N						011	00
											PSNGR CAR		01 DRVR	INJB	20 F		000	000	00
00040											0.1					OR<25			0.1.00
	N N N N 08/31/2018	CLACKAMAS	2 14 MN 0		TRGHT	(NONE)	N	N	CLD	S-1STOP	01 NONE 0	STRGHT						000	01,32 00
STATE N	FR 9A	PORTLAND UA	5.09	បៈ 0		(NONE)	UNKNOWN	N N	DRY DAY	REAR INJ	PRVTE MTRCYCLE	S -N	01 DRVR	TNTB	23 M	OP-V	047,052	000	01,32
N	45 24 30.67	-122 34 15.6		0200S00	J	(01)		IN	DAI	INO	MIRCICHE		OI DRVR	INOB	25 M	OR-1	047,032	000	01,32
	13 21 30107	111 31 13.0	01/100	0200000		(01)					02 NONE 0	STOP				011 120			
											PRVTE	S -N						011	00
											PSNGR CAR		01 DRVR	NONE	53 M	OR-Y	000	000	00
																OR<25			
00568 N N I	N N N N 02/11/2017	CLACKAMAS	2 14	S	TRGHT		N	Y	CLR	FIX OBJ	01 NONE 9	STRGHT						058	13
COUNTY	SA		MIN 0	U.	N	(NONE)	RAMP METER	N	DRY	FIX	N/A	S -N						007	00
Y	4P	PORTLAND UA	5.09	0	5			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 U		000	000	00
N	45 24 30.66	-122 34 15.58	017100	0200S00		(01)										UNK			
03352 N N I	N N N N 09/21/2018	CLACKAMAS	2 14	S	TRGHT		N	N	CLD	S-1STOP	01 NONE 0	STRGHT							29
STATE	FR		MN 0	U		(NONE)	RAMP METER	N	DRY	REAR	PRVTE	S -N						000	00
N	3P	PORTLAND UA	5.11	0	3	(01)		N	DAY	INJ	SEMI TOW		01 DRVR	NONE	35 M		026	000	29
N	45 24 29.7	-122 34 14.88	017100	0200S00		(01)					0.2 NONE 0	GIIIO D				OR<25			
											02 NONE 0 PRVTE	STOP S -N						011	00
											PSNGR CAR	5 -11	01 DRVR	TNJC	55 F	OR-Y	000	000	00
											I BIVOIC CITIC		or bittie	11100	33 1	OR<25	000	000	
											03 NONE 0	STOP							
											PRVTE	S -N						011	00
											PSNGR CAR		01 DRVR	NONE	19 M	OR-Y	000	000	00
																OR<25			
01876 N N I	N N N N 06/01/2018	CLACKAMAS	2 14	S	TRGHT		Υ	N	CLR	O-1STOP	01 NONE 9	BACK							27
STATE	FR		MN 0	U.	N	(NONE)	TRF SIGNAL	N	DRY	BACK	N/A	NW-SE						000	00
N	8P	PORTLAND UA	5.15	0	3			N	DUSK	PDO	PSNGR CAR		01 DRVR	NONE	00 U		000	000	00
N	45 24 27.85	-122 34 13.41	017100	0200S00		(02)										UNK			
											02 NONE 9	STOP SE-NW						011	0.0
											N/A PSNGR CAR	PE-IM	01 DRVR	NONE	00 11	nk IINK	000	011 000	00 00
											I BIVOIC CAIC		OI DRVR	NONE	00 0	UNK	000	000	00
00826 N N I	N N 03/02/2017	CLACKAMAS	2 14	S'	TRGHT		N	N	RAIN	S-STRGHT	01 NONE 9	STRGHT							13
NONE	TH		MIN 0	U.		(NONE)	TRF SIGNAL	N	WET	SS-O	N/A	E -W						000	00
N	11P	PORTLAND UA	5.17	0	3			N	DLIT	PDO	TRUCK		01 DRVR	NONE	00 U	nk UNK	000	000	00
N	45 24 27.3	-122 34 12.44	017100	0200S00		(02)										UNK			
											02 NONE 9	STRGHT							
											N/A	E -W						000	00
											PSNGR CAR		01 DRVR	NONE	00 U		000	000	00
00150 27 77	01/14/0010	OT A CIVALIZACI	0 14		mp aum		37		GI F	0 10707	0.1 NOVE 0	OME STA				UNK			20
00158 N N I	N N 01/14/2018 SU	CLACKAMAS	2 14 MN 0		TRGHT	(NONE)	N TRE SIGNAL	N N	CLR	S-1STOP	01 NONE 9	STRGHT E -W						000	29 00
NONE N	50 11A	PORTLAND UA	MN 0 5.17	បៈ 0		(INOINE)	TRF SIGNAL	N N	DRY DAY	REAR PDO	N/A PSNGR CAR	ъ – W	01 DRVR	NONE	ידו חח	nk IINK	000	000	00
N		-122 34 12.42	017100		J	(02)		TA	DUI	100	I DIVOIC CAR		OI DIVIK	TAOTAR	00 01	UNK	000	000	00
	1 27.5		01.100			· - · /										-			

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

Highway 171 ALL ROAD TYPES, MP 4.88 to 6.55 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage 171: CLACKAMAS

108 - 109 of 109 Crash records shown.

	S D M																			
SER#	P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST	E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT	E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS	S PED			
UNLOC?	D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E	X RES	LOC	ERROR	ACT EVENT	CAUSE
'						,					02 NONE 9	STOP								
											N/A	E - W							011	00
											PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
																UNK				
00603	N N N N	03/07/2021	CLACKAMAS	2 14	STRGHT		N	N	CLR	S-1TURN	01 NONE 9	STRGHT								13
NONE		SU		MIN 0	UN	(NONE)	R-GRN-SIG	N	DRY	TURN	N/A	E -W							000	00
N		10A	PORTLAND UA	5.18	05			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N		45 24 27.19	-122 34 11.83	017100200800		(02)										UNK				
						(02)										02120				
						(02)					02 NONE 9	TURN-R				02111				
						(02)					02 NONE 9 N/A	TURN-R E -N				OTHE			000	00
						(02)							01 DRVR	NONE	00	Unk UNK		000	000	00

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CONTINUOUS SYSTEM CRASH LISTING

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

1 - 4 of 169 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			I	A S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ		5 E	LICNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	ry e	X	RES	LOC	ERROR	ACT EVENT	CAUSE
01895 N N N N	07/08/2021	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT									29
NO RPT	TH	HAPPY VALLEY	MN 0 CARVER RD	UN		TRF SIGNAL	N	DRY	REAR	PRVTE	W -E								000	00
N	5A	PORTLAND UA	6.56 SUNRISE EXWY HWY	06	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	E 40	M	OR-Y		026	000	29
N	45 24 28.35	-122 32 15.91	017100100800													OR<25				
										02 NONE 0	STOP									
										PRVTE	W -E								011	00
										PSNGR CAR		01 DRVR	INJE	3 45	M	OTH-Y		000	000	00
																N-RES				
00924 N N N N	03/12/2020	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT									29
NO RPT	TH	HAPPY VALLEY	MN 0 CARVER RD	N		TRF SIGNAL	N	DRY	REAR	PRVTE	N -S								000	00
N	4P	PORTLAND UA	6.56 SUNRISE EXWY HWY	06	2		N	DAY	INJ	PSNGR CAR		01 DRVR	INJE	3 33	F	OR-Y		026	000	29
N	45 24 28.38	-122 32 15.93	017100100s00													OR<25				
										02 NONE 1	STOP									
										PRVTE	N -S								011	00
										PSNGR CAR		01 DRVR	INJC	31	M	OTH-Y OR<25		000	000	00
00683 N N N N N	N 02/21/2017	CLACKAMAS	1 14	INTER	CROSS	N	N	RAIN	ANGL-OTH	01 NONE 0	STRGHT								013	17,04
COUNTY	TU	HAPPY VALLEY	MN 0 CARVER RD	E		TRF SIGNAL	N	WET	ANGL	PRVTE	E -W								000	00
N	11A	PORTLAND UA	6.56 SUNRISE EXWY HWY	02	2		N	DAY	INJ	PSNGR CAR		01 DRVR	INJA	A 72	F	OR-Y		020	028	17,04
N	45 24 28.35	-122 32 15.91	017100100S00													OR>25				
										02 NONE 0	STRGHT									
										PRVTE	S -N								000 013	00
										PSNGR CAR		01 DRVR	INJC	2 42	M	OR-Y		000	000	00
																OR<25				
										02 NONE 0	STRGHT									
										PRVTE	S -N				_			0.00	000 013	00
										PSNGR CAR		02 PSNG	INJC	3 3 1	. F			000	000	00
										03 NONE 0	STOP									
										PRVTE	N -S								022	00
										PSNGR CAR	1. 5	01 DRVR	NONE	s 47	M	OR-Y		000	000	00
																OR<25				
01140 N N N N N	N 04/04/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT									27,29
STATE	WE	HAPPY VALLEY	MN 0 CARVER RD	E	CICODO	TRF SIGNAL	N	DRY	REAR	PRVTE	E -W								000	00
N	5P	PORTLAND UA	6.56 122ND AVE	06	2	<u></u>	N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	2 55	м	OR-Y		026	000	27,29
					_					2 22.010 01.110		2	0211							,
N	45 24 28.36	-122 32 15.94	017100100S00							02 NONE 0	STOP					OR<25				
										02 NONE 0 PRVTE	E -W								011	00
										PSNGR CAR	M	01 DRVR	TNITC	7 66	м	OR-Y		000	000	00
										I DIVOIC CARC		OI DRVK	11100			OR<25			000	00

Page: 2

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

5 - 8 of 169 Crash records shown.

S D M																					
SER# P R J S N	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE											
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				А	S					
RD DPT E L G N H I	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	IN	IJ	G	E LIC	NS I	PED			
UNLOC? D C S V L I	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	ТО	P# TYPE	SV	RTY	E	X RES]	LOC	ERROR	ACT EVENT	CAUSE
03630 N N N N	10/09/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 9	STRGHT										29
NONE	TU	HAPPY VALLEY	MN 0 CARVER RD	E		TRF SIGNAL	N	DRY	REAR	N/A	E -W									000	00
N	6A	PORTLAND UA	6.56 122ND AVE	06	2		N	DAWN	PDO	PSNGR CAR		01 DRVR	NO	NE	00 τ	Jnk UNK			000	000	00
N	45 24 28.36	-122 32 15.91	017100100800													UNK					
										02 NONE 9	STOP										
										N/A	E -W									011	00
										PSNGR CAR		01 DRVR	NO	NE	00 τ	Jnk UNK UNK			000	000	00
03643 N N N N	10/01/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 9	STRGHT										29
NONE	MO	HAPPY VALLEY	MN 0 CARVER RD	E		TRF SIGNAL	N	DRY	REAR	N/A	E - W									000	00
N	5A	PORTLAND UA	6.56 122ND AVE	06	2		N	DLIT	PDO	PSNGR CAR		01 DRVR	NO	NE	00 τ	Jnk UNK			000	000	00
N	45 24 28.35	-122 32 15.89	017100100800													UNK					
										02 NONE 9	STOP										
										N/A	E -W									011	00
										PSNGR CAR		01 DRVR	NO	NE	00 τ	Jnk UNK UNK			000	000	00
00771 N N N N N I	N 03/27/2021	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	ANGL-STP	01 NONE 0	TURN-L										08
CITY	SA	HAPPY VALLEY	MN 0 CARVER RD	E		TRF SIGNAL	N	DRY	TURN	PRVTE	N -E									000	00
N	10A	PORTLAND UA	6.56 122ND AVE	06	0		N	DAY	INJ	PSNGR CAR		01 DRVR	NO	NE	30 1	OR-	Y		002	000	08
N	45 24 28.35	-122 32 15.91	017100100800													N-R	ES				
										02 NONE 0	STOP										
										PRVTE	E -W			_						012	00
										PSNGR CAR		01 DRVR	IN	IJĊ	53 I	OR-1			000	000	00
										02 NONE 0	STOP					OIC .	23				
										PRVTE	E -W									012	00
										PSNGR CAR		02 PSNG	IN	IJC	68 1	1			000	000	00
01675 N N N N	06/19/2021	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT										29
NONE	SA	HAPPY VALLEY	MN 0 CARVER RD	E		TRF SIGNAL	N	DRY	REAR	PRVTE	E -W									000	00
N	7P	PORTLAND UA	6.56 SUNRISE EXWY HWY	06	2		N	DAY	INJ	PSNGR CAR		01 DRVR	NO	NE	56 I	OR-	Y		026	000	29
N	45 24 28.33	-122 32 15.89	017100100800													OR<	25				
										02 NONE 0	STOP										
										PRVTE	E -W									011	00
										PSNGR CAR		01 DRVR	IN	IJC	61 1	OR-			000	000	00
02825 Y Y N N N 1	N 09/24/2021	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT										33,29,30
STATE	FR	HAPPY VALLEY	MN 0 CARVER RD	E		TRF SIGNAL	N	DRY	REAR	PRVTE	E -W									000	22
N	7A	PORTLAND UA	6.56 SUNRISE EXWY HWY	06	2		N	DAY	INJ	PSNGR CAR		01 DRVR	IN	IJC	31 1	u susi	P		051,050,02	6 000	33,29,30
N	45 24 28.35	-122 32 15.91	017100100800													OR<	25				

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage 171: CLACKAMAS

9 - 13 of 169 Crash records shown.

S D	М																		
	J S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U		CITY	COMPNT FIRST STREET	DIRECT		INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S				
RD DPT E L G		URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT		COLL	OWNER	FROM	PRTC	INJ			IS PED			
UNLOC? D C S		LONG	MILEPNT LRS		(#LANES)			LIGHT		V# TYPE	TO	P# TYPE	SVRTY	E	X RES	LOC	ERROR	ACT EVENT	CAUSE
						,				02 NONE 0	STOP								
										PRVTE PSNGR CAR	E -W	01 DRVR	TMTD	55 E	OD V		000	011 000	00 00
										PSNGR CAR		UI DKVK	INOB	35 F	OR-1		000	000	00
00468 N N N	N 02/06/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT							013	29
NONE	TU	HAPPY VALLEY	MN 0 CARVER RD	W	Gross	TRF SIGNAL	N	DRY	REAR	PRVTE	W -E							000	00
	63	20222 222	6 56 10000 2000	0.2	0					50,705 0.5		01 pprm		20 =	05.		0.05		0.0
N	6A	PORTLAND UA	6.56 122ND AVE	03	2		N	DAWN	INJ	PSNGR CAR		01 DRVR	NONE	30 F	OR-Y		026	000	29
N	45 24 28.39	-122 32 15.92	017100100800												OR<2	5			
										02 NONE 0	STOP								
										PRVTE PSNGR CAR	W -E	01 DRVR	TNIC	60 E	OR-Y		000	011 013 000	00 00
										PSNGR CAR		OI DRVR	INOC	00 F	OR-1		000	000	00
										03 NONE 0	STOP								
										PRVTE	W -E							022	00
										PSNGR CAR		01 DRVR	NONE	41 F			000	000	00
															OR<2	5			
04757 N N N		CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT							000	29
NONE	SU	HAPPY VALLEY	MN 0 CARVER RD	W		TRF SIGNAL	N	DRY	REAR	PRVTE	W -E							000	00
N	1P	PORTLAND UA	6.56 SUNRISE EXWY HWY	06	2		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	24 F	OR-Y	-	026	000	29
N	45 24 28.35	-122 32 15.91	017100100S00												OR<2	5			
										02 NONE 0	STOP								
										PRVTE	W -E	01 5575		F0 =			0.00	011	00
										PSNGR CAR		01 DRVR	INJC	58 F	OR-Y		000	000	00
										02 NONE 0	STOP								
										PRVTE	W -E	00 5070		E0 14			0.00	011	00
										PSNGR CAR		02 PSNG	INJC	72 M			000	000	00
01463 N N N	N 04/18/2017	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 9	STRGHT								29
NO RPT	TU	HAPPY VALLEY	MN 0 CARVER RD	W	Gross	TRF SIGNAL	N	DRY	REAR	N/A	W -E							000	00
37	107	PORTLAND UA	C FC 100ND AVE	0.6	0		27	D.1.1	PP0	DOMOD GAD		0.1 DDID	MONTE	00 11	-1		000	000	0.0
N	10A	PORTLAND UA	6.56 122ND AVE	06	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 01	IK UNK		000	000	00
N	45 24 28.35	-122 32 15.91	017100100800												UNK				
										02 NONE 9	STOP							24.4	
										N/A PSNGR CAR	W -E	01 DRVR	NONE	00 11	nk IINK		000	011 000	00 00
										FBNGK CAR		OI DRVR	NONE	00 01	UNK		000	000	00
02643 N N N	N N N 07/03/2017	CLACKAMAS	1 14	INTER	CROSS	N	N	CLD	S-1STOP	01 NONE 9	STRGHT								27,29
STATE	MO	HAPPY VALLEY	MN 0 CARVER RD	W		TRF SIGNAL	N	DRY	REAR	N/A	W -E							000	00
N	5A	PORTLAND UA	6.56 122ND AVE	06	0		N	DAWN	PDO	PSNGR CAR		01 DRVR	NONE	0.0 111	nk UNK		000	000	00
					-					_ 52.52. 62.11		-1 21(1)	0111	- 5 01				- 3 0	
N	45 24 28.35	-122 32 15.91	017100100800							0.0 MONT	amo p				UNK				
										02 NONE 9 N/A	STOP W -E							011	00
										PSNGR CAR		01 DRVR	NONE	00 Uı	nk UNK		000	000	00
															UNK				

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage 171: CLACKAMAS

14 - 18 of 169 Crash records shown.

S D M																			
SER# P R J	S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I	C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT E L G N	H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G :	E LICNS	PED			
UNLOC? D C S V	L K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E	X RES	LOC	ERROR	ACT EVENT	CAUSE
03549 N N N N		CLACKAMAS	1 14	INTER	CROSS	N	N	CLD	S-1STOP	01 NONE 0	STRGHT								07
COUNTY	TH	HAPPY VALLEY	MN 0 CARVER RD	W		TRF SIGNAL	N	DRY	REAR	PRVTE	W -E							000	00
N	4P	PORTLAND UA	6.56 SUNRISE EXWY HWY	06	2		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	30 M	OR-Y		043,026	000	07
N	45 24 28.36	-122 32 15.92	017100100800												OR<25				
										02 NONE 0 PRVTE	STOP W -E							011	00
										PSNGR CAR	W -E	01 DRVR	INJC	58 M	OR-Y		000	000	00
															OR<25				
04290 N N N N	N N 12/01/2019	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 9	STRGHT								29
COUNTY	SU	HAPPY VALLEY	MN 0 CARVER RD	W		TRF SIGNAL	N	DRY	REAR	N/A	W - E							000	00
N	11A	PORTLAND UA	6.56 122ND AVE	06	2		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 U1	nk UNK		000	000	00
N	45 24 28.35	-122 32 15.91	017100100s00												UNK				
										02 NONE 9	STOP								
										N/A	W -E							012	00
										PSNGR CAR		01 DRVR	NONE	00 U1	IK UNK UNK		000	000	00
01222 N N N N	N N 05/02/2020	CLACKAMAS	1 14	INTER	CROSS	N	N	RAIN	S-1STOP	01 NONE 0	STRGHT				OTVIC				29
COUNTY	SA	HAPPY VALLEY	MN 0 CARVER RD	W	CROSS	TRF SIGNAL	N	WET	REAR	PRVTE	W -E							000	00
N	2P	PORTLAND UA	6.56 122ND AVE	06	2		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	35 F	OR-Y		026	000	29
N	45 24 28.36	-122 32 15.91	017100100800												OR<25				
	10 21 20.50	122 32 13.71	01/10010000							02 NONE 0	STOP				010 - 20				
										PRVTE	W -E							011	00
										PSNGR CAR		01 DRVR	INJC	33 M			000	000	00
															OR<25				
00841 N N N N NONE	04/03/2021 SA	CLACKAMAS HAPPY VALLEY	1 14 MN 0 CARVER RD	INTER W	CROSS	N TRF SIGNAL	N N	UNK UNK	S-1STOP REAR	01 NONE 0 PRVTE	STRGHT W -E							000	29 00
NOINE	SA	HAPPI VALLEI	MIN 0 CARVER RD	W		IRF SIGNAL	IN	ONK	REAR	PRVIL	M -E							000	
N	7A	PORTLAND UA	6.56 122ND AVE	06	0		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	39 F	OR-Y		026	000	29
N	45 24 28.37	-122 32 15.93	017100100800												OR<25				
										02 NONE 0									
										PRVTE PSNGR CAR	W -E	01 DRVR	TNIC	41 M	OD W		000	011 000	00 00
										PSNGR CAR		UI DRVR	INUC	41 M	OR-1 OR<25		000	000	00
03015 N N N N	10/11/2021	CLACKAMAS	1 14	INTER	3-LEG	N	N	CLR	S-1STOP	01 NONE 9	STRGHT								10
NONE	MO	HAPPY VALLEY	MN 0 CARVER RD	W		TRF SIGNAL	N	DRY	REAR	N/A	W -E							000	00
N	1P	PORTLAND UA	6.56 SUNRISE EXWY HWY	06	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 Ur	nk UNK		000	000	00
N	45 24 28 36	-122 32 15.92	017100100800												UNK				
-1	13 21 20.30	100 00 10.96	01/100100000							02 NONE 9	STOP				OTATE				
										N/A	W -E							011	00
										PSNGR CAR		01 DRVR	NONE	00 U1	nk UNK		000	000	00
															UNK				

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

19 - 22 of 169 Crash records shown.

S D M																			
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS	S PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	/ E	X RES	LOC	ERROR	ACT EVENT	CAUSE
01159 N N N N N	N 04/22/2020	CLACKAMAS	1 14	INTER	CROSS	N	N	RAIN	ANGL-OTH	01 NONE 0	STRGHT								04
CITY	WE	HAPPY VALLEY	MN 0 CARVER RD	CN		TRF SIGNAL	N	WET	TURN	PRVTE	E -W							000	00
N	10A	PORTLAND UA	6.56 SUNRISE EXWY HWY	01	2		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	68 N	M OR-Y		020	000	04
N	45 24 28.5	-122 32 15.99	017100100S00												OR<25	5			
										02 NONE 0 PRVTE	TURN-L N -E							000	00
										PSNGR CAR	N -E	01 DRVR	INJB	60 I	OR-Y		000	000	00
															OR<25	5			
03349 N N N N N	N 12/09/2020	CLACKAMAS	1 14	INTER	CROSS	N	N	CLD	ANGL-OTH	01 NONE 0	STRGHT							001	04,02
COUNTY	WE	HAPPY VALLEY	MN 0 CARVER RD	CN		TRF SIGNAL	N	WET	ANGL	PRVTE	N -S							000	00
N	5A	PORTLAND UA	6.56 122ND AVE	01	0		N	DLIT	INJ	PSNGR CAR		01 DRVR	INJB	58 N	I OR-Y		000	000 001	00
N	45 24 28.35	-122 32 15.91	017100100S00												OR<25	5			
										02 NONE 1	STRGHT								
										PRVTE SEMI TOW	E -W	01 DRVR	NONE	25 1	√TU_7	7	020,028	000	00 04,02
										SEMI TOW		OI DRVR	NONE	2.5	N-RES		020,020		04,02
03324 N N N N N	N 08/14/2017	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	O-1 L-TUR	N 01 NONE 0	TURN-L								04
COUNTY	MO	HAPPY VALLEY	MN 0 CARVER RD	CN		TRF SIGNAL	N	DRY	TURN	PRVTE	N -E							000	00
N	5P	PORTLAND UA	6.56 122ND AVE	04	0		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	32 N	M OR-Y		020	000	04
N	45 24 28.35	-122 32 15.91	017100100S00												OR<25	5			
										02 NONE 0	STRGHT								
										PRVTE PSNGR CAR	S -N	01 DRVR	TNIC	62 N	√ππ_7	7	000	000	00 00
										PSNGR CAR		UI DRVR	INUC	03 F	N-RES		000	000	00
00189 N N N N N	N 01/16/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	O-1 L-TUR	N 01 NONE 0	TURN-L								14,02,08
CITY	TU	HAPPY VALLEY	MN 0 CARVER RD	CN		TRF SIGNAL	N	DRY	TURN	PRVTE	N -E							000	00
N	8P	PORTLAND UA	6.56 122ND AVE	04	0		N	DLIT	INJ	PSNGR CAR		01 DRVR	INJC	34 N	OR-Y		020,028,004	4 000	14,02,08
N	45 24 28.36	-122 32 15.93	017100100800												OR<25	5			
										02 NONE 0	STRGHT								
										PRVTE	S -N							000	00
										PSNGR CAR		01 DRVR	INJC	54 N	OTH-Y		000	000	00
03197 N N N N	10/25/2021	CLACKAMAS	1 14	STRGHT		Y	N	RAIN	S-1STOP	01 NONE 0	STRGHT								29,27
NONE	MO	HAPPY VALLEY	MN 0 CARVER RD	E	(NONE)	UNKNOWN	N	WET	REAR	PRVTE	E -W							000	00
N	12P	PORTLAND UA	6.57 122ND AVE	06			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	60 N	I OR-Y		026,016,014	4 000	29,27
N	45 24 28.36	-122 32 15.08	017100100800		(04)										OR<25	5			
										02 NONE 0	STOP								
										PRVTE	E -W	01		4.4			0.00	011	00
										PSNGR CAR		01 DRVR	INJC	44 I	OR-Y OR<25		000	000	00
															UK<2	,			

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

23 - 28 of 169 Crash records shown.

S D M																			
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE	}				SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			I	A S				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	(E LICN	IS PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	Y I	E X RES	LOC	ERROR	ACT EVENT	CAUSE
										02 NONE 0 PRVTE	STOP E -W							011	00
										PSNGR CAR	E -W	02 PSNG	INJC	. 20) F		000	000	00
03243 N N N N	10/28/2021	CLACKAMAS	1 14	STRGHT		N	N	UNK	S-1STOP	01 NONE 9	STRGHT								07
NONE	TH	HAPPY VALLEY	MN 0 CARVER RD	E	(NONE)	R-GRN-SIG	N	UNK	REAR	N/A	E -W							007	00
N	7A	PORTLAND UA	6.57 SUNRISE EXWY HW	Y 07			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	: 00	Unk UNK		000	000	00
N	45 24 28.36	-122 32 15.06	017100100S00		(05)					02 NONE 9	GMO D				UNK				
										N/A	STOP E -W							011	00
										PSNGR CAR	E W	01 DRVR	NONE	. 00	Unk UNK		000	000	00
															UNK				
03890 N N N N	11/05/2019	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 9	STRGHT								29
NONE	TU	HAPPY VALLEY	MN 0 CARVER RD	E	(NONE)	NONE	N	DRY	REAR	N/A	W -E							000	00
N	4A	PORTLAND UA	6.58 SUNRISE EXWY HW	ту 03			N	DLIT	PDO	PSNGR CAR		01 DRVR	NONE:	: 00) Unk UNK		000	000	00
				1 03			14	DELI	100	I DIVOIT CITE		OI DICVIC	NOIVE				000	000	0.0
N	45 24 28.38	-122 32 14.25	017100100S00		(04)					0.0 170177	G=0.5				UNK				
										02 NONE 9 N/A	STOP W -E							011	00
										PSNGR CAR	M -F	01 DRVR	NONE	: 00	Unk UNK		000	000	00
										I DIVOIT CITE		OI DICVIC	NONE		UNK		000	000	0.0
00667 N N N N	02/19/2017	CLACKAMAS	1 14	STRGHT		N	N	RAIN	S-STRGHT	01 NONE 9	STRGHT								10
NONE	SU	HAPPY VALLEY	MN 0 CARVER RD	E	(NONE)	UNKNOWN	N	WET	SS-O	N/A	W -E							000	00
N	8P	PORTLAND UA	6.60 122ND AVE	03			N	DARK	PDO	SEMI TOW		01 DRVR	NONE	: 00) Unk UNK		000	000	00
N	45 24 28.41	-122 32 12.59	017100100S00		(04)					02 NONE 9	CORDOLLOR				UNK				
										N/A	STRGHT W -E							000	00
										PSNGR CAR	WE	01 DRVR	NONE	: 00	Unk UNK		000	000	00
															UNK				
04988 N N N N	11/25/2017	CLACKAMAS	1 14	STRGHT		N	N	UNK	O-OTHER	01 NONE 9	BACK								10
NONE	SA	HAPPY VALLEY	MN 0 CARVER RD	E	(NONE)	UNKNOWN	N	WET	BACK	N/A	W -E							000	00
N	6A	PORTLAND UA	6.63 SUNRISE EXWY HW	У 06			N	DAWN	PDO	PSNGR CAR		01 DRVR	NONE	0.0	Unk UNK		000	000	00
N	45 24 28.5	-122 32 10.11	017100100s00		(04)										UNK				
IN	45 24 26.5	-122 32 10.11	01/100100300		(04)					02 NONE 9	STRGHT				UNK				
										N/A	E -W							000	00
										PSNGR CAR		01 DRVR	NONE	0.0	Unk UNK		000	000	00
															UNK				
00922 N N N N N	N 03/10/2020	CLACKAMAS	1 14	STRGHT		N	Y	CLR	FIX OBJ	01 NONE 0	STRGHT							062	18
STATE	TU	HAPPY VALLEY	MN 0 CARVER RD	E	(NONE)	NONE	N	DRY	FIX	PRVTE	M -E							000 062	00
Y	4P	PORTLAND UA	6.81 SE 125TH CT	01			N	DAY	INJ	PSNGR CAR		01 DRVR	INJB	3 25	M OR-Y	7	081	028	18
N	45 24 30 <i>4</i> 1	-122 31 57.45	017100100s00		(04)										OR<2	25			
11	12 21 20.41	122 31 37.43	01/100100500		(01)										OICCZ				

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

29 - 32 of 169 Crash records shown.

	S D M																		
SER#	P RJS	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE								
INVES?	EAUIC	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S			
RD DP?	ELGNH	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS PED			
UNLOC?	DCSVL	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E	X RES LOC	ERROR	ACT EVENT	CAUSE
	N N N N	02/07/2018	CLACKAMAS	1 14	STRGHT	(270277)	N	N	CLR	S-1STOP	01 NONE 0	STRGHT						000	29
NONE		WE	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	W -E						000	00
N		8A	PORTLAND UA	6.81 FOR MOR CT	04			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	23 M	OR-Y	026	000	29
N		45 24 30.4	-122 31 57.43	017100100S00		(04)										OR<25			
											02 NONE 0	STOP							
											PRVTE	W -E						011	00
											PSNGR CAR		01 DRVR	INJC	49 F	OR-Y OR<25	000	000	00
00064		10/02/0000	GT 3 GT 3 V 3 G	1 14	GER GIVE					2 2mp 21m	01 270277 0					UR<25			
02864 NONE	N N N N	10/23/2020 FR	CLACKAMAS HAPPY VALLEY	1 14 MN 0 CARVER RD	STRGHT W	(NONE)	N NONE	N N	CLR DRY	S-STRGHT REAR	01 NONE 9 N/A	STRGHT W -E						000	29 00
NONE		ric	HALLI VALLEI	PHV 0 CARVER RD	"	(IVOIVE)	NONE	14	DICI	KBAK	N/A	W E							00
N		8A	PORTLAND UA	6.84 FOR MOR CT	04			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 U1	nk UNK	000	000	00
N		45 24 30.86	-122 31 55.53	017100100800		(04)										UNK			
											02 NONE 9	STRGHT							
											N/A	W -E						000	00
											PSNGR CAR		01 DRVR	NONE	00 Ui	nk UNK UNK	000	000	00
04601	NI NI NI NI NI	NT 12/1E/2010	OI A OKAMA C	1 14	CTDCIT		NT	NT .	GI D	C CTDCIT	0.1 NONE 0	CTD CLIT				OTVIC		013	29
COUNTY	N N N N N .	N 12/15/2018 SA	CLACKAMAS HAPPY VALLEY	1 14 MN 0 CARVER RD	STRGHT W	(NONE)	N UNKNOWN	N N	CLR DRY	S-STRGHT REAR	01 NONE 0 PRVTE	STRGHT E -W						000	00
												- "							
N		10A	PORTLAND UA	6.87 FOR MOR CT	06	0		N	DAY	INJ	PSNGR CAR		01 DRVR	INJB	40 F	OR-Y	026	000	29
N		45 24 31.31	-122 31 53.63	017100100800		(04)										OR<25			
											01 NONE 0	STRGHT							
											PRVTE	E -W						000	00
											PSNGR CAR		01 PSNG	INJB	17 F		000	000	00
											02 NONE 0	STRGHT							
											PRVTE	E -W						006 013	00
											PSNGR CAR		01 DRVR	INJB	23 F	OR-Y	000	000	00
																OR<25			
											03 NONE 0	STRGHT							
											PRVTE	E -W	0.1 DDID	T11.T.C	27 5	OD 11	000	022	00
											PSNGR CAR		01 DRVR	INJC	3/ F	OR-1 OR<25	000	000	00
											03 NONE 0	STRGHT							
											PRVTE	E -W						022	00
											PSNGR CAR		02 PSNG	INJB	07 F		000	000	00
02209	N N N N N	N 06/28/2021	CLACKAMAS	1 14	INTER	3-LEG	N	Y	CLR	FIX OBJ	01 NONE 0	STRGHT						062	10
STATE		MO	HAPPY VALLEY	MN 0 CARVER RD	M	-	STOP SIGN	N	DRY	FIX	PRVTE	E -W						000 062	00
N		6P	PORTLAND UA	6.88 FOR MOR CT	05	0		N	DAY	FAT	PSNGR CAR		01 DRVR	KILL	42 M	SUSP	080,083,081	. 000	10

CONTINUOUS SYSTEM CRASH LISTING

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

33 - 37 of 169 Crash records shown.

S D M																			
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CI	HAR INT-TYP	E				SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT FIRST S	TREET DIRE	CT (MEDIAN) INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND	STREET LOCTI	N LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICN	S PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES) CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	. E	X RES	LOC	ERROR	ACT EVENT	CAUSE
	N 06/22/2021	CLACKAMAS	1 14	INTE	R 3-LEG	N	N	CLR	ANGL-OTH	01 NONE 0	STRGHT								82 02,40
STATE	TU	HAPPY VALLEY	MN 0 CARVER	RD CN		STOP SIGN	N	DRY	TURN	PRVTE	E -W							000	00
N	3P	PORTLAND UA	6.88 FOR MOR	2 CT 02	0		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	22	M OR-Y		000	000	00
N	45 24 31.45	-122 31 53.01	0171001	.00S00											OR<2	5			
										02 NONE 0 PRVTE	TURN-L N -E							000 013	00
										PSNGR CAR	N -E	01 DRVR	INJB	29	M OR-Y		028	000 013	02,40
															OR<2				,
02888 N N N N N	N 10/27/2020	CLACKAMAS	1 14	INTE	R 3-LEG	N	N	CLR	ANGL-OTH	01 NONE 9	TURN-L								02
STATE	TU	HAPPY VALLEY	MN 0 CARVER	RD CN		STOP SIGN	N	DRY	TURN	N/A	N -E							015	00
N	8A	PORTLAND UA	6.88 FOR MOR	2 CT 03	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N	45 24 31.47	-122 31 53.02	0171001	.00S00											UNK				
										02 NONE 9	STRGHT								
										N/A	W -E						0.00	000	00
										SEMI TOW		01 DRVR	NONE	00	UNK UNK		000	000	00
01568 Y Y Y N N	N 04/22/2018	CLACKAMAS	1 14	STRG	HT	N	N	CLR	S-1STOP	01 NONE 0	STRGHT							001	29,30
STATE	SU	HAPPY VALLEY	MN 0 CARVER	RD E	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	M -E							000	00
N	4P	PORTLAND UA	6.89 FOR MOR	2 CT 04			N	DAY	FAT	MTRCYCLE		01 DRVR	KILL	25	M OR-Y		026,050	000 001	29,30
N	45 24 31.64	-122 31 52.32	0171001	.00S00	(04)										OR<2	5			
										02 NONE 0	STOP								
										PRVTE PSNGR CAR	W -E	01 DRVR	NONE	20	м отн	v	000	023 000	00
										PSINGR CAR		OI DRVR	NONE	20	N-RE		000	000	00
00395 N Y N N N	N 02/01/2019	CLACKAMAS	1 14	STRG	HT	N	N	RAIN	S-STRGHT	01 NONE 9	STRGHT								18,27,13
STATE	FR	HAPPY VALLEY	MN 0 CARVER	RD W	(NONE)	NONE	N	WET	SS-0	N/A	W -E							000	00
N	7P	PORTLAND UA	6.90 FOR MOR	CT 03			N	DLIT	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N	45 24 31.82	-122 31 51.65	0171001	.00800	(04)										UNK				
										02 NONE 9									
										N/A	W -E	01 DDID	NONE	0.0			0.00	000	00
										PSNGR CAR		01 DRVR	NONE	00	UNK UNK UNK		000	000	00
02272 N N N N	06/30/2018	CLACKAMAS	1 14	STRG	 HT	N	N	CLR	S-STRGHT	01 NONE 9	STRGHT								29
COUNTY	SA	HAPPY VALLEY	MN 0 CARVER		(NONE)	UNKNOWN	N	DRY	REAR	N/A	W -E							000	00
N	11A	PORTLAND UA	6.91 130TH A	VE 03			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N	45 24 32	-122 31 50.96	0171001	.00800	(04)										UNK				
										02 NONE 9	STRGHT								
										N/A	M -E							000	00
										PSNGR CAR		01 DRVR	NONE	00			000	000	00
															UNK				

CONTINUOUS SYSTEM CRASH LISTING

CDS380 OREGON DEPARTMENT OF TRANSPORTATION DEVELOPMENT DIVISION Page: 17

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

38 - 41 of 169 Crash records shown.

S D M																			
SER# P R J S	S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S				
RD DPT E L G N F	I R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS	PED			
UNLOC? D C S V I	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E	X RES	LOC	ERROR	ACT EVENT	CAUSE
00472 N N N N	02/03/2017	CLACKAMAS	1 14	STRGHT		N	N	RAIN	S-1STOP	01 NONE 9	STRGHT								29
NONE	FR	HAPPY VALLEY	MN 0 CARVER RD	M	(NONE)	TRF SIGNAL	N	WET	REAR	N/A	M -E							000	00
N	6P	PORTLAND UA	6.91 130TH AVE	03			N	DLIT	PDO	PSNGR CAR		01 DRVR	NONE	00 U1	nk UNK		000	000	00
N	45 24 31.99	-122 31 50.94	017100100800		(04)										UNK				
										02 NONE 9	STOP								
										N/A	W - E							011	00
										PSNGR CAR		01 DRVR	NONE	00 U1	nk UNK		000	000	00
															UNK				
01297 N N N N	04/18/2018	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 9	STRGHT								29
NONE	WE	HAPPY VALLEY	MN 0 CARVER RD	M	(NONE)	TRF SIGNAL	N	DRY	REAR	N/A	M -E							000	00
N	5P	PORTLAND UA	6.91 130TH AVE	03			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 U1	nk UNK		000	000	00
N	45 24 32	-122 31 50.94	017100100S00		(04)										UNK				
										02 NONE 9	STOP								
										N/A	W -E							011	00
										PSNGR CAR		01 DRVR	NONE	00 Uı			000	000	00
															UNK				
00467 N N N N	02/07/2019	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-STRGHT	01 NONE 0	STRGHT							013	07,29
COUNTY	TH	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	NONE	N	DRY	REAR	PRVTE	E -W							000	00
N	2P	PORTLAND UA	6.91 130TH AVE	06			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	49 M	OR-Y		043,042	000	07,29
N	45 24 31.99	-122 31 50.95	017100100s00		(04)										OR<25				
										02 NONE 0	STRGHT								
										PRVTE	E - W							006 013	00
										PSNGR CAR		01 DRVR	NONE	79 M	OR-Y		043,026	000	07,29
															OR<25				
										03 NONE 0	STOP								
										PRVTE	E -W							011 013	00
										PSNGR CAR		01 DRVR	INJC	36 F			000	000	00
										04 NONE 0	STOP				OR<25				
										PRVTE	E -W							022	00
										PSNGR CAR	υм	01 DRVR	TNTC	53 F	OR-Y		000	000	00
										I DIVOIT OF ILL		01 211111	21.00	33 1	OR<25				
03409 N N N N N	I NI 10/03/2010	CLACKAMAS	1 14	INTER	3-LEG	N	N	CLR	∩_1 тттт	RN 01 NONE	TURN-L								02
COUNTY	TH	HAPPY VALLEY	MN 0 130TH AVE	CN	2-TEG	TRF SIGNAL	N	WET	TURN	PRVTE	E -S							000	00
N	6A	PORTLAND UA	6.93 SUNNYSIDE RD	03	0		N	DAWN	INJ	PSNGR CAR	2 5	01 DRVR	TNJC	29 м	OR-Y		004,028	000	02
					-							211111					,020		
N	45 24 32.4	-122 31 49.6	017100100S00							0.0 110177	CIMP CTT				OR<25				
										02 NONE	STRGHT							000	0.0
										PRVTE PSNGR CAR	W -E	01 DRVR	TMTD	51 M	OP-V		000	000	00 00
										FONGK CAR		OI DKVK	TIMOD	ΩT IM	OR-1 OR<25		000	000	00
															01(~25				

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

42 - 45 of 169 Crash records shown.

S D M																					
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE											
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				A	S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	IN	J	G	E LICN	S PI	ED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SV	RTY	E	X RES	LC	OC	ERROR	ACT EVENT	CAUSE
83029 N N N N	04/10/2019	CLACKAMAS	1 14	INTER	3-LEG	N	N	CLR	S-1STOP	01 NONE 0	STRGHT										29
NO RPT	WE	HAPPY VALLEY	MN 0 CARVER RD	E		TRF SIGNAL	N	WET	REAR	PRVTE	E -W									000	00
N	4P	PORTLAND UA	6.94 130TH AVE	06	0		N	DAY	INJ	PSNGR CAR		01 DRVR	NO	NE	64 F	OR-Y			026	000	29
N	45 24 32.6	-122 31 48.95	017100100S00													OR<2	5				
										02 NONE 0	STOP										
										PRVTE	E -W									011	00
										PSNGR CAR		01 DRVR	IN	JC	41 F				000	000	00
										02 NONE 0	STOP					OR<2	5				
										PRVTE	E -W									011	00
										PSNGR CAR	В М	02 PSNG	IN	JC	18 F				000	000	00
01886 N N N N	05/15/2017	CLACKAMAS	1 14	INTER	3-LEG	N	N	CLD	S-1STOP	01 NONE 9	STRGHT										29
NONE	MO	HAPPY VALLEY	MN 0 CARVER RD	M		TRF SIGNAL	N	DRY	REAR	N/A	SW-NE									000	00
N	4 P	PORTLAND UA	6.94 130TH AVE	06	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NO	NE	00 U	nk UNK			000	000	00
N	45 24 32.6	-122 31 48.95	017100100800													UNK					
										02 NONE 9	STOP										
										N/A	SW-NE									011	00
										PSNGR CAR		01 DRVR	NO	NE	00 U	nk UNK UNK			000	000	00
02484 N N N N	06/23/2017	CLACKAMAS	1 14	INTER	3-LEG	N	N	CLR	S-1STOP	01 NONE 9	STRGHT										29
NONE	FR	HAPPY VALLEY	MN 0 CARVER RD	W		TRF SIGNAL	N	DRY	REAR	N/A	W -E									000	00
N	4 P	PORTLAND UA	6.94 130TH AVE	06	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NO	NE	00 U	nk UNK			000	000	00
N	45 24 32.6	-122 31 48.95	017100100s00													UNK					
										02 NONE 9	STOP										
										N/A	W -E									011	00
										PSNGR CAR		01 DRVR	NO	NE	00 U	nk UNK UNK			000	000	00
03390 N N N N N	N 09/24/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT									013	27,29
STATE	MO	HAPPY VALLEY	MN 0 CARVER RD	W		TRF SIGNAL	N	DRY	REAR	PRVTE	W -E									000	00
N	5P	PORTLAND UA	6.94 130TH AVE	06	0		N	DAY	INJ	PSNGR CAR		01 DRVR	NO	NE	28 M	OR-Y			026	000	27,29
N	45 24 32.6	-122 31 48.96	017100100S00													OR<2	5				
										02 NONE 0	STOP										
										PRVTE	W -E									011 013	00
										PSNGR CAR		01 DRVR	IN	JC	35 F	OR-Y OR<2			000	000	00
										03 POLCE 0	STOP										
										PUBLC	W -E									022	00
										PSNGR CAR		01 DRVR	NO	NE	33 M				000	000	00
																OR<2	5				

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

46 - 50 of 169 Crash records shown.

Part	S D M																					
Part	SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE											
Mark	INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				A	S					
Mark	RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	Г	G	E LICN	S PE	D			
Market M	UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVR	YTY	E	X RES	LO	C E	RROR	ACT EVENT	CAUSE
The column						3-LEG																
	NO RPT	FR	HAPPY VALLEY	MN 0 CARVER RD	W		TRF SIGNAL	N	WET	REAR	N/A	W -E									000	00
This content is a content of the c	N	2P	PORTLAND UA	6.94 130TH AVE	06	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NON	IE (0 U:	nk UNK		0	00	000	00
	N	45 24 32.6	-122 31 48.96	017100100800													UNK					
												W -E	01 0070	NION.	יים ()	ole IIMV		0	0.0		
Mark											PSNGR CAR		UI DRVR	NON	IE (JU U.			0			00
State Stat	01274 N N N N	05/04/2021	CLACKAMAS	1 14	INTER	3-LEG	N	N	CLR	S-1STOP	01 NONE 9	STRGHT										29
The column	NONE	TU	HAPPY VALLEY	MN 0 CARVER RD	W		TRF SIGNAL	N	DRY	REAR	N/A	W - E									000	00
Column C	N	3P	PORTLAND UA	6.94 130TH AVE	06	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NON	IE () O U:	nk UNK		0	00	000	00
Column C	N	45 24 32.58	-122 31 48.96	017100100800													UNK					
											02 NONE 9	STOP										
Carting Cart												W -E										
CITY MO											PSNGR CAR		01 DRVR	NON	IE () O U:			0	00	000	00
N	00626 N N N N N	N 02/17/2020	CLACKAMAS	1 14	INTER	3-LEG	N	N	CLR	0-1 L-TUF	RN 01 NONE 0	STRGHT										27,02,08
N	CITY	MO	HAPPY VALLEY	MN 0 CARVER RD	CN		TRF SIGNAL	N	DRY	TURN	PRVTE	W -E									000	00
Column C	N	5A	PORTLAND UA	6.94 130TH AVE	03	0		N	DLIT	INJ	PSNGR CAR		01 DRVR	INJ	rc 4	16 F	OTH-	Y	0	00	000	00
Part	N	45 24 32.59	-122 31 48.98	017100100800													N-RE	S				
State Stat											02 NONE 0	TURN-L										
00785 N N N N 0 03/29/2021 HAPPY VALLEY N 0 0 CACKAMAS N 1 14 NO 00786 N N N N N 0 03/29/2021 HAPPY VALLEY N 0 0 CACKAMAS N 1 14 NO 00786 N N N N N N N N N N N N N N N N N N N												E -S										
NO RFT MO HAPF VALLEY NO CAVE RD CN CN NONE NO RY NONE NO RY TWN PRYTE E-S CONTROL NO CO											PSNGR CAR		01 DRVR	NON	IE 5	52 M			0	28,004	000	02,08
N	00785 N N N N	03/29/2021	CLACKAMAS	1 14	INTER	3-LEG	N	N	CLR	0-1 L-TUF	RN 01 NONE 1	TURN-L										02,03
N 45 24 32.63	NO RPT	MO	HAPPY VALLEY	MN 0 CARVER RD	CN		NONE	N	DRY	TURN	PRVTE	E -S									000	00
Carbon C	N	4P	PORTLAND UA	6.94 130TH AVE	03	0		N	DAY	INJ	SEMI TOW		01 DRVR	NON	IE 6	56 M	OTH-	Y	0	28,004	000	02,08
PRVE	N	45 24 32.63	-122 31 48.96	017100100800													N-RE	S				
Signal S											02 NONE 0	STRGHT										
03980 N N N N N N N 10/31/2018 CLACKAMAS 1 1 1 1 1 1 1 1 1											PRVTE	W -E										
03980 N N N N N N 10/31/2018 CLACKAMAS 1 14											PSNGR CAR		01 DRVR	INJ	rв 3	30 M			0	00	000	00
STATE WE HAPPY VALLEY MN 0 CAVER RD CN THE SIGNAL N WET TURN PRIVE WE W-E O1 DRVR 1NJB 63 F OR-Y 02 O00 00 O2 O00 00 O3 O00 00 O4 O00 00 O4 O00 00 O5 O00 00																	UR<2	5				
N 7P PORTLAND UA 6.94 130TH AVE 04 0 N DARK INJ PSNGR CAR INJ PSNGR CAR INJ 63 F OR-Y 020 000 04 N 45 24 32.6 -122 31 48.95 07100100500 07 07000000 07 070000000 07 070000000						3-LEG															000	
N 45 24 32.6 -122 31 48.95 017100100800 102 NONE 1 TURN-L PRVTE S -W 01 DRVR NONE 29 M OR-Y 000 000 000							IRF SIGNAL					W -E							•			
02 NONE 1 TURN-L PRVTE S -W 000 00 SEMI TOW 01 DRVR NONE 29 M OR-Y 000 000					04	U		N	DARK	INJ	PSNGR CAR		U1 DRVR	INJ	IB 6	3 F			0	20	000	04
PRVTE S -W 000 00 SEMI TOW 01 DRVR NONE 29 M OR-Y 000 000	N	45 24 32.6	-122 31 48.95	017100100S00							0.0 1701-						OR<2	5				
SEMI TOW 01 DRVR NONE 29 M OR-Y 000 000 00																					000	0.0
												5 -W	01 DRVR	NON	IE 3	29 м	OR-V		n	00		
													211111	1.01					Ü	- -		

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

51 - 53 of 169 Crash records shown.

S D M																			
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E	LICNS PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVR	TY E	Х	RES LOC	ERROR	ACT EVENT	CAUSE
02118 N N N N	06/19/2018	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 9	STRGHT								27,29
NONE	TU	HAPPY VALLEY	MN 0 CARVER RD	E	(NONE)	UNKNOWN	N	DRY	REAR	N/A	M -E							000	00
N	5P	PORTLAND UA	6.95 130TH AVE	03			N	DAY	PDO	PSNGR CAR		01 DRVR	NON	E 00	Unk	UNK	000	000	00
N	45 24 32.79	-122 31 48.26	017100100s00		(04)											UNK			
										02 NONE 9	STOP								
										N/A	W -E							011	00
										PSNGR CAR		01 DRVR	. NON	E 00	Unk	UNK	000	000	00
02229 N N N N	08/17/2020	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
NONE	MO	HAPPY VALLEY	MN 0 CARVER RD	E	(NONE)	NONE	N	DRY	REAR	PRVTE	W -E							000	00
И	4P	PORTLAND UA	6.95 130TH AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NON	E 48	F		026	000	29
N	45 24 32.82	-122 31 48.27	017100100S00		(04)											OR<25			
										02 NONE 0	STOP							011	0.0
										PRVTE PSNGR CAR	W -E	01 DRVR	TNJT	C 36	М	OR-Y	000	011 000	00 00
												01 21111				OR<25			
	N 03/09/2020	CLACKAMAS	1 14	STRGHT	(N	N	CLR	S-1STOP	01 NONE 0	STRGHT							013	07
CITY	MO	HAPPY VALLEY	MN 0 CARVER RD	E	(NONE)	TRF SIGNAL	N	DRY	REAR	PRVTE	W -E							000	00
N	3P	PORTLAND UA	6.96 130TH AVE	04			N	DAY	INJ	PSNGR CAR		01 DRVR	NON	E 59			043,026	000	07
N	45 24 32.98	-122 31 47.58	017100100S00		(04)											OR<25			
										02 NONE 0	STOP							011 012	0.0
										PRVTE PSNGR CAR	W -E	01 DRVR	TNLT	c 22	F	OP-V	000	011 013 000	00 00
											СШОР	or bitvit	. 1110	C 22	r	OR<25	000	000	00
										03 NONE 0 PRVTE	STOP W -E							022 013	00
										PSNGR CAR	M -E	01 DRVR	NON	E 80	F	OR-Y	000	000	00
																OR<25			
										03 NONE 0	STOP								
										PRVTE	M -E							022 013	00
										PSNGR CAR		02 PSNG	INJ	A 29	М		000	000	00
										04 NONE 0	STOP								
										PRVTE	W -E							022	00
										PSNGR CAR		01 DRVR	NON	E 41	M	OR-Y	000	000	00
																OR<25			
00774 N N N N	02/28/2020	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-STRGHT	01 NONE 0	STRGHT								29
NONE	FR	HAPPY VALLEY	MN 0 CARVER RD	E	(NONE)	NONE	N	DRY	REAR	PRVTE	E -W							000	00
N	9A	PORTLAND UA	6.96 130TH AVE	05			N	DAY	INJ	PSNGR CAR		01 DRVR	NON	E 67	F	OR-Y	042	000	29
N	45 24 32.99	-122 31 47.57	017100100s00		(04)											OR>25			
										02 NONE 0	STRGHT								
										PRVTE	E -W							006	00
										PSNGR CAR		01 DRVR	. INJ	C 56	М		000	000	00
																OR<25			

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage 171: CLACKAMAS

> 54 - 58 of 169 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC	CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT	FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP	SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT	LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E	X RES	LOC	ERROR	ACT EVENT	CAUSE
											02 NONE 0 PRVTE	STRGHT E -W							006	00
											PSNGR CAR		02 PSNG	INJC	52 M	N		000	000	00
00257 N N N N	01/10/2018	CLACKAMAS	1 14		STRGHT		N	N	RAIN	S-1STOP	01 NONE 0	STRGHT								29
NONE	WE	HAPPY VALLEY	MN 0	CARVER RD	E	(NONE)	UNKNOWN	N	WET	REAR	PRVTE	E -W							000	00
N	4P	PORTLAND UA	6.96	130TH AVE	06			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	47 F	F OR-Y		026	000	29
N	45 24 32.97	-122 31 47.6		017100100S00		(04)										OR<25				
											02 NONE 0	STOP								
											PRVTE	E -W							011	00
											PSNGR CAR		01 DRVR	INJC	46 M	M OR-Y OR<25		000	000	00
03489 Y N N N N	N 12/22/2020	CLACKAMAS	1 14		STRGHT		N	N	CLD	S-STRGHT	01 NONE 9	STRGHT								01,07,29
COUNTY	TU	HAPPY VALLEY	MN 0	CARVER RD	E	(NONE)	NONE	N	WET	REAR	N/A	W -E							000	00
N	10P	PORTLAND UA	6.97	130TH AVE	03			N	DLIT	PDO	PSNGR CAR		01 DRVR	NONE	00 t	Jnk UNK		000	000	00
N	45 24 33.2	-122 31 46.87		017100100S00		(04)										UNK				
											02 NONE 9	STRGHT								
											N/A	M -E							000	00
											PSNGR CAR		01 DRVR	NONE	00 t	Unk UNK UNK		000	000	00
03581 N N N N	12/31/2020	CLACKAMAS	1 14		STRGHT		N	N	UNK	S-1STOP	01 NONE 9	STRGHT								29
NO RPT	TH	HAPPY VALLEY	MN 0	CARVER RD	E	(NONE)	NONE	N	WET	REAR	N/A	E -W							000	00
N	9A	PORTLAND UA	6.97	130TH AVE	05			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 T	Jnk UNK		000	000	00
N	45 24 33.2	-122 31 46.92		017100100S00		(04)										UNK				
											02 NONE 9	STOP								
											N/A	E -W							011	00
											PSNGR CAR		01 DRVR	NONE	00 t	Unk UNK UNK		000	000	00
01741 N N N N N	Y 07/06/2020	CLACKAMAS	1 14		STRGHT		N	N	CLD	S-STRGHT	01 NONE 0	STRGHT								16,29,32
STATE	MO	HAPPY VALLEY	MN 0	CARVER RD	E	(NONE)	NONE	N	DRY	REAR	PRVTE	E -W							000	00
N	8A	PORTLAND UA	6.97	130TH AVE	06			N	DAY	INJ	PSNGR CAR		01 DRVR	INJC	33 F	F OR-Y		026,052	025	16,29,32
N	45 24 33.2	-122 31 46.9		017100100s00		(04)										OR<25				
											02 NONE 0	STRGHT								
											PRVTE	E -W							006	00
											TRUCK		01 DRVR	NONE	62 M	M OTH-Y N-RES		000	000	00
02419 N N N N N	N 09/03/2020	CLACKAMAS	1 14		STRGHT		N	Y	CLR	FIX OBJ	01 NONE 9	STRGHT							054,08	0 27
COUNTY	TH	HAPPY VALLEY	MN 0	CARVER RD	E	(NONE)	NONE	N	DRY	FIX	N/A	E -W							000	00
Y	5A	PORTLAND UA	7.00	130TH AVE	08			N	DARK	PDO	PSNGR CAR		01 DRVR	NONE	00 T	Jnk UNK		000	000	00
N	45 24 33.76	-122 31 44.8		017100100s00		(04)										UNK				

171: CLACKAMAS

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage 171: CLACKAMAS

59 - 63 of 169 Crash records shown.

S D	M																			
SER# P R	J S W DATE	COUNTY	RD# FC	CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U	I C O DAY	CITY	COMPNT	FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S				
RD DPT E L G	N H R TIME	URBAN AREA	MLG TYP	SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS	PED			
UNLOC? D C S	V L K LAT	LONG	MILEPNT	LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	Y E	X RES	LOC	ERROR	ACT EVENT	CAUSE
											02 NONE 9 N/A	STRGHT E -W							000	00
											PSNGR CAR	E W	01 DRVR	NONE	00	Unk UNK		000	000	00
																UNK				
01433 N N N	N N Y 06/01/2020	CLACKAMAS	1 14		ALLEY		N	N	CLR	ANGL-OTH	01 NONE 9	STRGHT								02
COUNTY	MO	HAPPY VALLEY	MN 0	CARVER RD	E	(NONE)	NONE	N	DRY	TURN	N/A	E -W							000	00
N	3P	PORTLAND UA	7.01	130TH AVE	06			N	DAY	PDO	SEMI TOW		01 DRVR	NONE:	0.0	Unk UNK		000	000	00
					00				2111	120	55111 1011		OI DICVIC	NONE	00			000	000	00
N	45 24 33.98	-122 31 44.13		017100100S00		(04)										UNK				
											02 NONE 9 N/A	TURN-R N -W							018	00
											PSNGR CAR	IV -W	01 DRVR	NONE	0.0	Unk UNK		000	000	00
											I BIVOIC CAIC		OI DRVR	NONE	00	UNK		000	000	00
01852 N N N	N N N 05/31/2018	CLACKAMAS	1 14		ALLEY		N	N	CLR	ANGL-OTH	01 NONE 9	STRGHT								02
COUNTY	TH	HAPPY VALLEY		CARVER RD	W	(NONE)	UNKNOWN	N	DRY	TURN	N/A	E -W							000	00
	_																			
N	9A	PORTLAND UA	7.01	130TH AVE	06			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N	45 24 34.02	-122 31 43.88		017100100S00		(04)										UNK				
											02 NONE 9	TURN-L								
											N/A	N -E							018	00
											PSNGR CAR		01 DRVR	NONE	00	Unk UNK UNK		000	000	00
																UNK				
00961 N N N CITY	N N N 04/14/2021 WE	CLACKAMAS HAPPY VALLEY	1 14	CARVER RD	STRGHT NE	(NONE)	N NONE	N N	CLR DRY	S-STRGHT SS-O	01 NONE 0 PRVTE	STRGHT NE-SW							010 000	27,13 00
CIII	WE	HAPPI VALLEI	MIN O	CARVER RD	INE	(NONE)	NONE	IN	DKI	35-0	PRVIE	NE-2M							000	00
N	3P	PORTLAND UA	7.03	130TH AVE	06			N	DAY	INJ	BOBTAIL		01 DRVR	NONE	52	M OR-Y		000	000	00
N	45 24 34.34	-122 31 42.74		017100100S00		(04)										OR<25				
											02 NONE 0	STRGHT								
											PRVTE	NE-SW							000 010	00
											PSNGR CAR		01 DRVR	INJC	49			045	038	13
																OR<25				
02610 N N N		CLACKAMAS	1 14		STRGHT		N	N	CLR	S-1STOP	01 NONE	STRGHT								29
NONE	WE	HAPPY VALLEY	MN 0	CARVER RD	E	(NONE)	NONE	N	DRY	REAR	PRVTE	M -E							000	00
N	4P	PORTLAND UA	7.04	130TH AVE	04			N	DAY	INJ	TRUCK		01 DRVR	NONE	00	M UNK		026	000	29
N	45 24 34.55	-122 31 42.06		017100100S00		(04)										UNK				
	15 21 51.55	122 31 12.00		01/100100000		(01)					02 NONE 0	STOP				OIVIC				
											PRVTE	W -E							011	00
											PSNGR CAR		01 DRVR	INJC	28	F OR-Y		000	000	00
																OR<25				
01774 N N N	N N N 05/31/2019	CLACKAMAS	1 14		STRGHT		N	N	CLR	S-1STOP	01 NONE 9	STRGHT								10
CITY	FR	HAPPY VALLEY	MN 0	CARVER RD	E	(NONE)	NONE	N	DRY	SS-O	N/A	E -W							000	00
N	7 _P	PORTLAND UA	7.06	130TH AVE	06			N	DUSK	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
						(04)														
N	45 24 34.89	-122 31 40.67		017100100S00		(04)										UNK				

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

64 - 68 of 169 Crash records shown.

Mathematical Control of the late Mathematical C	S D M																				
Martin M	SER# P R J S	W DATE	COUNTY	RD# FC	CONN#	RD CHAR	INT-TYPE					SPCL USE									
Mathematical Part	INVEST E A U I C	O DAY	CITY	COMPNT	FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
State Stat	RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP	SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS	S PED			
The column 1	UNLOC? D C S V L	K LAT	LONG	MILEPNT	LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY		TO	P# TYPE	SVRTY	E	X RES	LOC	ERROR	ACT EVENT	CAUSE
1																				0.1.1	
The column The													E -W	0.1 DDIM	NONE	0.0	IInle IINIZ		000		
Martin												PSNGR CAR		UI DRVR	NONE	00			000	000	00
Market M	0/027 N N N N	11/16/2017	CI ACKAMAC	1 1/		ATTEV		N	N	TINIV	ANCI OTH	0.1 NONE 0	СТРСИТ				01111				0.2
The content of the					CARVER RD		(NONE)													000	
						_	(=====,					,	–								
Column C	N	3P	PORTLAND UA	7.07	130TH AVE	03			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
Column C	N	45 24 35.09	-122 31 39.97		017100100S00		(04)										UNK				
1							, ,					02 NONE 9	TURN-L								
This content												N/A	S -W							018	00
Mark												PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
Mark																	UNK				
State Stat	01619 N N N N N		CLACKAMAS			STRGHT		N	N	CLR	S-1STOP	01 NONE 9	STRGHT								
A	STATE	TU	HAPPY VALLEY	MN 0	CARVER RD	E	(NONE)	UNKNOWN	N	DRY	REAR	N/A	W -E							000	00
A	N	4 P	PORTLAND UA	7.08	130TH AVE	04			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
The column Column																					
1	N	45 24 35.27	-122 31 39.27		017100100S00		(04)					0.0 170177	G=0.5				UNK				
State 1																				011	0.0
STATE STAT													M -F	01 DRVR	NONE	0.0	IInk IINK		000		
STATE STAT												I DIVOIC CITIC		OI DIVIN	NONE	00			000	000	00
State Stat	02202 N N N N N	N 07/30/2021	CLACKAMAS	1 14		ALLEY		N	N	CLR	ANGL-OTH	01 NONE 0	STRGHT								02
			HAPPY VALLEY				(NONE)													000	
	NT.	ED.	DODEL 133D 113	7.00	OD 125mil NVD	0.4			27	D311	T.). T	DOMOD GAD		0.1 DDIM	THE	0.0	- OD 17		000	0.00	0.0
Column C	N	512	PORTLAND UA	7.08	SE 135TH AVE	04			N	DAY	INU	PSNGR CAR		UI DRVR	INJC	28	F OR-Y		000	000	00
PRINT PRIN	N	45 24 35.27	-122 31 39.27		017100100S00		(04)										OR<25	5			
												01 NONE 0	STRGHT								
													W -E								
Park												PSNGR CAR		02 PSNG	INJC	08	M		000	000	00
Park												0.1 NONE 0	STRCHT								
PART																				000	00
PRVE S -W														03 PSNG	INJC	03	M		000		
PRVE S -W																					
PSNG CAR PSNG CAR												02 NONE 0									
02042 N N N N N N N 06/06/2018 CLACKAMAS 1 1 1 1 1 1 1 1 1													S -W								
1												PSNGR CAR		01 DRVR	INJC	67			000	000	00
COUNTY WE HAPPY VALLEY MN 0 CARVER RD W (NONE) UNKNOWN N DRY REAR PRVTE W-E N 6P PORTLAND UA 7.13 SE 135TH AVE 03 N 15 24 36.2 -122 31 35.81																	OR>25)			
N 6P PORTLAND UA 7.13 SE 135TH AVE 03 NONE 27 M 0R-Y 026 038 29 N 45 24 36.2 -122 31 35.81 0170010000 (04) N 10 10 10 10 10 10 10 10 10 10 10 10 10							(3703777.)													0.00	
N 45 24 36.2 -122 31 35.81 017100100500 (04) 02 NONE 0 STOP PRVTE W -E PSNGR CAR 01 DRVR INJC 36 F OR-Y 000 000 000 000	COUNTY	WE	HAPPY VALLEY	MN 0	CARVER RD	W	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	W -E							000	00
N 45 24 36.2 -122 31 35.81 017100100800 (04) O	N	6P	PORTLAND UA	7.13	SE 135TH AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	27	M OR-Y		026	038	29
02 NONE 0 STOP PRVTE W -E 011 00 PSNGR CAR 01 DRVR INJC 36 F OR-Y 000 000 00	N	45 04 36 6	100 21 25 21		017100100200		(04)										25.2				
PRVTE W -E 011 00 PSNGR CAR 01 DRVR INJC 36 F OR-Y 000 000 00	IN	45 24 36.2	-122 31 35.81		01/100100800		(04)					0.5 MONE 0	GT/D				OR<25)			
PSNGR CAR 01 DRVR INJC 36 F OR-Y 000 000 00																				011	0.0
														01 DRVR	TNTC	36	F OR-Y		000		
*** - *																					

171: CLACKAMAS

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

69 - 73 of 169 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LIC	CNS F	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	Y E	X RES	3 I	LOC	ERROR	ACT EVENT	CAUSE
	N 02/27/2018	CLACKAMAS	1 14	STRGHT		N	N	RAIN	S-STRGHT	01 NONE 0	STRGHT									27,07,29
STATE	TU	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	UNKNOWN	N	WET	REAR	PRVTE	W -E								000	00
N	5P	PORTLAND UA	7.14 SE 135TH AVE	03			N	DUSK	INJ	PSNGR CAR		01 DRVR	NONE	49	M OR-	-Y		043,042	000	27,07,29
N	45 24 36.36	-122 31 35.09	017100100s00		(04)										OR<	<25				
										02 NONE 0 PRVTE	STRGHT W -E								006	00
										PSNGR CAR	M -F	01 DRVR	INJC	45	M OR-	- Y		000	000	00
															OR<					
03253 N N N N	12/01/2020	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-STRGHT	01 NONE 9	STRGHT									13
NONE	TU	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	NONE	N	DRY	SS-0	N/A	W -E								000	00
N	10A	PORTLAND UA	7.14 SE 135TH AVE	03			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UN	ζ		000	000	00
N	45 24 36.37	-122 31 35.12	017100100800		(04)										UNF	ζ				
										02 NONE 9	STRGHT									
										N/A	W -E					_			000	00
										PSNGR CAR		01 DRVR	NONE	00	UNK UNK			000	000	00
00443 N N N N N	N 02/19/2021	CLACKAMAS	1 14	STRGHT		N	N	RAIN	S-STRGHT	01 NONE 9	STRGHT									13
CITY	FR	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	NONE	N	WET	SS-O	N/A	E -W								000	00
N	7P	PORTLAND UA	7.15 SE 135TH AVE	06			N	DLIT	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNF	ζ		000	000	00
N	45 24 36.53	-122 31 34.41	017100100800		(04)										UNF	ζ				
										02 NONE 9	STRGHT								0.00	0.0
										N/A SEMI TOW	E -W	01 DRVR	NONE	0.0	IInk IINK	7		000	000	00 00
										DEMI TOW		OI DRVR	NONE	00	UNE			000	000	00
02348 N N N N	07/11/2019	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT									29
NO RPT	TH	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	NONE	N	DRY	REAR	PRVTE	M -E								000	00
N	7P	PORTLAND UA	7.17 SE 135TH AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	58	M OR-	-Y		026	000	29
N	45 24 36.87	-122 31 33	017100100800		(04)										OR<	<25				
										02 NONE 0	STOP									
										PRVTE	W -E								011	00
										PSNGR CAR		01 DRVR	INJC	48	M OR-			000	000	00
02391 N N N N	09/01/2020	CLACKAMAS	1 14	ALLEY		N	N	CLR	ANGL-OTH	01 NONE 9	TURN-L									02
NONE	TU	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	NONE	N	DRY	TURN	N/A	S -W								018	00
N	4P	PORTLAND UA	7.17 SE 135TH AVE	03			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNF	ζ		000	000	00
N	45 24 36.88	-122 31 32.99	017100100800		(04)										UNE	ζ				
										02 NONE 9	STRGHT									
										N/A	M -E								000	00
										PSNGR CAR		01 DRVR	NONE	00	Unk UNF			000	000	00

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS

CDS380 OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION Page: 33

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING
Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

74 - 77 of 169 Crash records shown.

S D M																			
SER# P R J	S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I	C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A S	S				
RD DPT E L G N	H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G I	E LICNS	PED			
UNLOC? D C S V	L K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E	X RES	LOC	ERROR	ACT EVENT	CAUSE
03802 N N N N	09/15/2017	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-STRGHT	01 NONE 0	STRGHT								13
NO RPT	FR	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	UNKNOWN	N	DRY	SS-0	PRVTE	M -E							000	00
N	12P	PORTLAND UA	7.17 SE 135TH AVE	04			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	63 M	OTH-Y		045	000	13
N	45 24 36.87	-122 31 32.99	017100100S00		(04)										OR<25				
										02 NONE 0	STRGHT								
										PRVTE	W -E							000	00
										PSNGR CAR		01 DRVR	INJB	79 F	OR-Y		000	000	00
															OR<25				
03040 N N N N	Y 07/26/2017	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 9	STRGHT								29
NONE	WE	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	UNKNOWN	N	DRY	REAR	N/A	E -W							000	00
N	2P	PORTLAND UA	7.17 SE 135TH AVE	06			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 Ur	nk UNK		000	000	00
N	45 24 36.87	-122 31 32.99	017100100S00		(04)										UNK				
										02 NONE 9	STOP								
										N/A	E -W							011	00
										PSNGR CAR		01 DRVR	NONE	00 Ur	-		000	000	00
															UNK				
00109 N N N N	01/14/2021	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT							013	29
NONE	TH	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	NONE	N	DRY	REAR	PRVTE	W -E							000	00
N	6P	PORTLAND UA	7.18 SE 135TH AVE	03			N	DLIT	INJ	SEMI TOW		01 DRVR	NONE	48 M	OR-Y		026	000	29
N	45 24 37.06	-122 31 32.29	017100100800		(04)										OR<25				
										02 NONE 0	STOP								
										PRVTE	W -E							011 013	00
										PSNGR CAR		01 DRVR	NONE	36 M	OR-Y OR<25		000	000	00
										03 NONE 0	STOP								
										PRVTE	W -E							022	00
										PSNGR CAR		01 DRVR	INJB	26 F	OR-Y OR>25		000	000	00
										03 NONE 0	STOP								
										PRVTE	W - E							022	00
										PSNGR CAR		02 PSNG	INJB	26 F			000	000	00
02966 N N N N		CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT								27,29
STATE	SA	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	W -E							000	00
N	4P	PORTLAND UA	7.19 SE 135TH AVE	04			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	20 M	OR-Y		026	038	27,29
N	45 24 37.2	-122 31 31.59	017100100s00		(04)										OR<25				
										02 NONE 0	STOP								
										PRVTE	W -E							011	00
										PSNGR CAR		01 DRVR	INJC	39 F	OR-Y		000	000	00
															OR>25				

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CONTINUOUS SYSTEM CRASH LISTING

CDS380 OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION Page: 35

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

78 - 80 of 169 Crash records shown.

Part	S D M																				
Note	SER# P R J S	S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE	1				SPCL USE										
No in	INVEST E A U I C	C O DAY	CITY	COMPNT FIRST STREE	ET DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S					
STATE STAT	RD DPT E L G N F	H R TIME	URBAN AREA	MLG TYP SECOND STR	EET LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E	LICNS	PED			
State Fig. State	UNLOC? D C S V I	L K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	ГҮ Е	Х	RES	LOC	ERROR	ACT EVENT	CAUSE
N	01442 N N N N N	N N 06/05/2020	CLACKAMAS	1 14	STRGHT		N	N	RAIN	S-1STOP	01 NONE 1	STRGHT									27,29
Column C	STATE	FR	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	NONE	N	WET	REAR	PRVTE	W -E								000	00
Column C	N	6P	PORTLAND UA	7.20 SE 135TH A	7E 03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	E 34	M	SUSP		026	038	27,29
Color Colo	N	45 24 37.34	-122 31 30.88	017100100s	00	(04)											OR<25				
Calculation																					
0.0135												W -E	0.4								
NOME WE HAPPY VALLEY NN 0 CARVER RD W (NOME) UNKNOWN N DRY REAR PROTE N -E N 6P PORTLAND UA 7.20 SE 135TH AVE 04 (04) N DAY SINJ PSNGR CAR 10 DRVR NOME 39 F OR-Y 026 038 27,29 N 15 24 37.34 -122 31 30.87											PSNGR CAR		01 DRVR	INJC					000	000	00
N 69 FORTLAND UR 7.20 SE 135TH RVE 04 N DAY INJ PENGR CAR 01 DRVR NONE 39 F OR Y 0.26 0.38 27.29 NO	02035 N N N N	05/24/2017	CLACKAMAS	1 14	STRGHT		N	N		S-1STOP	01 NONE 0	STRGHT									27,29
N 45 24 37.34 -122 31 30.87 01710010S00 (04) 1	NONE	WE	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	W -E								000	00
1	N	6P	PORTLAND UA	7.20 SE 135TH A	7E 04			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	E 39	F	OR-Y		026	038	27,29
PRVTE W -E	N	45 24 37.34	-122 31 30.87	017100100S	00	(04)											OR<25				
PSNGR CAR 01 DRVR 1NJC 36 M 0R-Y 000 000 00 00 00 00 00 00 00 00 00 00																					
O2 NONE 0 STOP PRVTE W -E PRVTE 0 STOP PRVTE 0 STOP PRVTE W -E PRV												W -E	01 DDIT	T37.T/	3 36	2.6	OD 11		000		
PRVTE W -E PSNGR CAR													UI DRVR	INJC	36				000	000	00
PSNGR CAR 02 PSNG INJC 35 F 000 000 00 10 NONE 0 STOP PRVTE W -E																				011	0.0
02 NONE 0 STOP PRVTE W -E 011 00 PSNGR CAR 03 PSNG INJC 02 M 000 000 00 02 NONE 0 STOP PRVTE W -E 011 00												M -F:	0.2 Devic	TNIT	7 25				000		
PRVTE W -E 011 00 PSNGR CAR 03 PSNG INJC 02 M 000 000 00 02 NONE 0 STOP PRVTE W -E 011 00													UZ PSNG	INUC	. 33	г			000	000	00
PSNGR CAR 03 PSNG INJC 02 M 000 000 00 02 NONE 0 STOP PRVTE W -E 011 00																				011	0.0
02 NONE 0 STOP PRVTE W -E 011 00												M -F	03 PSNG	TNJT	າ	М			000		
PRVTE W -E 011 00											I BNOIC CIEC		03 15110	1110	. 02				000	000	
												W -E									
PSNGR CAR 04 PSNG INJC 10 F 000 000 00											PSNGR CAR		04 PSNG	INJO	2 10	F			000	000	00
																					27,07
COUNTY SA HAPPY VALLEY MN 0 CARVER RD W (NONE) UNKNOWN N DRY REAR PRVTE W -E 000 00	COUNTY	SA	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	W -E								000	00
N 3P PORTLAND UA 7.20 SE 135TH AVE 04 N DAY INJ PSNGR CAR 01 DRVR NONE 52 F OR-Y 043,026 000 27,07	N	3P	PORTLAND UA	7.20 SE 135TH A	7E 04			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	E 52	F	OR-Y		043,026	000	27,07
N 45 24 37.34 -122 31 30.87 017100100S00 (04)	N	45 24 37.34	-122 31 30.87	017100100s	00	(04)											OR<25				
02 NONE 0 STOP																					
PRVTE W -E 011 00 PSNGR CAR 01 DRVR INJC 24 F OR-Y 000 000 00												W -E	01 DDIT	TN1 T/	7 04		OD 17		000		
OR<25												GEO D	UI DRVR	INUC	2 24				000	000	00
02 NONE 0 STOP PRVTE W -E 011 00																				011	0.0
PSNGR CAR 02 PSNG NO<5 02 F 000 000 00												M -17	02 PSNG	NO<	5 02	F			000		
02 NONE 0 STOP											02 NONE 0	STOP									
PRVTE W -E 011 00											PRVTE										
PSNGR CAR 03 PSNG NO<5 01 F 000 000 00											PSNGR CAR		03 PSNG	NO<	5 01	F			000	000	00

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

81 - 84 of 169 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E	LICNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	Y E	Х	RES	LOC	ERROR	ACT EVENT	CAUSE
02484 N N N N	08/28/2020	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-STRGHT	01 NONE 1	STRGHT									13
NONE	FR	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	TRF SIGNAL	N	DRY	SS-0	PRVTE	M -E								000	00
N	12P	PORTLAND UA	7.20 SE 135TH AVE	04			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	38	М	OR-Y		045	000	13
N	45 24 37.35	-122 31 30.88	017100100800		(04)											OR>25				
										02 NONE 0	STRGHT									
										PRVTE	W -E	01 555						0.00	000	00
										PSNGR CAR		01 DRVR	INJC	56		OR-Y OR<25		000	000	00
02089 N N N N	08/07/2020	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-STRGHT	01 NONE 0	STRGHT									13
NO RPT	FR	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	NONE	N	DRY	SS-O	PRVTE	E -W								000	00
N	5P	PORTLAND UA	7.20 SE 135TH AVE	06			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	21	F	OR-Y		045	000	13
N	45 24 37.35	-122 31 30.86	017100100800		(04)											OR<25				
										02 NONE 0	STRGHT									
										PRVTE	E -W								000	00
										PSNGR CAR		01 DRVR	INJC	35		OR-Y OR<25		000	000	00
00019 N N N N N	N 01/02/2020	CLACKAMAS	1 14	STRGHT		N	N	CLD	S-1STOP	01 NONE 9	STRGHT									07,29
COUNTY	TH	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	NONE	N	DRY	REAR	N/A	E -W								000	00
N	7A	PORTLAND UA	7.20 SE 135TH AVE	06			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk	UNK		000	000	00
N	45 24 37.35	-122 31 30.88	017100100S00		(04)										-	UNK				
										02 NONE 9	STOP									
										N/A	E -W								011	00
										PSNGR CAR		01 DRVR	NONE	0.0		UNK UNK		000	000	00
03656 N N N N	11/29/2021	CLACKAMAS	1 14	STRGHT		Y	N	FOG	S-1STOP	01 NONE 0	STRGHT									29
NONE	MO	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	UNKNOWN	N	WET	REAR	UNKN	W -E								000	00
N	7P	PORTLAND UA	7.20 SE 135TH AVE	08			N	DLIT	INJ	PSNGR CAR		01 DRVR	NONE	41	М	OR-Y		026	000	29
N	45 24 37.34	-122 31 30.87	017100100s00		(04)											OR<25				
										02 NONE 0	STOP									
										PRVTE	W -E								011	00
										PSNGR CAR		01 DRVR	INJC	47		OR-Y OR<25		000	000	00
01374 N N N N N	N 05/25/2021	CLACKAMAS	1 14	STRGHT		Y	N	CLR	S-1STOP	01 NONE 1	STRGHT								013	29
COUNTY	TU	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	TRF SIGNAL	N	DRY	REAR	PRVTE	W -E								000	00
N	12P	PORTLAND UA	7.21 SE 135TH AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	80	M	OTH-Y		085,026	000	29
N	45 24 37.47	-122 31 30.17	017100100800		(04)]	N-RES				
			•		•					02 NONE 0	STOP									
										PRVTE	W -E								011 013	00
										PSNGR CAR		01 DRVR	INJC	54				000	000	00
																OR>25				

CONTINUOUS SYSTEM CRASH LISTING

OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION CDS380 Page: 39

CONTINUOUS SYSTEM CRASH LISTING

Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage 171: CLACKAMAS

> 85 - 89 of 169 Crash records shown.

S D M	vI																		
SER# P R J	J S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I	I C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S				
RD DPT E L G N	N H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LIC	NS PED			
UNLOC? D C S V	V L K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	Y E	X RES	LOC	ERROR	ACT EVENT	CAUSE
										03 NONE 1	STOP							000	00
										PRVTE PSNGR CAR	W -E	01 DRVR	NONE	66	F OR-	.V	000	022 000	00
										FBNGK CAK		OI DRVR	NONE	00	OR<		000	000	00
02621 N N N N	N N N 09/07/2021	CLACKAMAS	1 14	STRGHT		Y	N	CLR	S-1STOP	01 NONE 0	STRGHT							093	27,29
CITY	TU	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	W -E							000	00
					(=====,	0-11-11-11-11-11-11-11-11-11-11-11-11-11													
N	1P	PORTLAND UA	7.21 SE 135TH AVE	08			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	32	M OR-	Y	016,026	038 093	27,29
N	45 24 37.47	-122 31 30.15	017100100800		(04)										OR<	.25			
					, ,					02 NONE 0	STOP								
										PRVTE	W -E							011	00
										PSNGR CAR		01 DRVR	INJB	59	F OR-	Y	000	000	00
															OR<	25			
02231 N N N N	06/28/2021	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 9	STRGHT								29
NONE	MO	HAPPY VALLEY	mn 0 carver rd	N		TRF SIGNAL	N	DRY	REAR	N/A	N -S							000	00
N	12P	PORTLAND UA	7.23 SE 135TH AVE	06	1		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N	45 24 37.68	-122 31 28.7	017100100s00												UNK				
IN	45 24 37.00	-122 31 20.7	01/100100500							02 NONE 9	STOP				UND				
										N/A	N -S							011	00
										PSNGR CAR	1. 5	01 DRVR	NONE	0.0	Unk UNK		000	000	00
															UNK				
03733 N N N N	N N N 09/12/2017	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 1	STRGHT								29
COUNTY	TU	HAPPY VALLEY	MN 0 CARVER RD	E		TRF SIGNAL	N	DRY	REAR	PRVTE	E -W							000	00
N	8P	PORTLAND UA	7.23 SE 135TH AVE	06	1		N	DLIT	INJ	SEMI TOW		01 DRVR	NONE	41	M OTH	i-Y	026	000	29
NT.	45 04 25 60	100 21 00 7	017100100700												N. F	.E.C			
N	45 24 37.69	-122 31 28.7	017100100S00							02 NONE 0	STOP				N-R	FD			
										PRVTE	E -W							011	00
										PSNGR CAR	2	01 DRVR	INJC	33	M OTH	í-Y	000	000	00
															N-R	.ES			
01213 N N N N	N N N 04/13/2019	CLACKAMAS	1 14	INTER	CROSS	N	N	RAIN	S-1STOP	01 NONE 0	STRGHT								29
COUNTY	SA	HAPPY VALLEY	MN 0 CARVER RD	E		TRF SIGNAL	N	WET	REAR	PRVTE	E -W							000	00
N	12P	PORTLAND UA	7.23 SE 135TH AVE	06	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	17	M OR-	Y	026	000	29
		100 01 00 7														0.5			
N	45 24 37.69	-122 31 28.71	017100100S00							0.0 NONE 0	GMO P				OR<	25			
										02 NONE 0	STOP							011	0.0
										PRVTE PSNGR CAR	E -W	01 DRVR	TNI.TC	26	M OR-	.γ	000	011 000	0 0 0 0
										FUNGA CAR		OI DKVK	TIMOC	20	M OR-		000	000	00
										02 NONE 0	STOP				010				
										PRVTE	E -W							011	00
										PSNGR CAR		02 PSNG	INJC	24	F		000	000	00
										I DIVOR CAR		OZ FONG	T140 C	21	T.		000	000	U

DS380 OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

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CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS

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CONTINUOUS SYSTEM CRASH LISTING

Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

90 - 93 of 169 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	s					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	EI	LICNS	PED			
UNLOC? D C S V I	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVR'	TY E	XF	RES	LOC	ERROR	ACT EVEN	T CAUSE
04311 N N N N N	N 12/02/2019	CLACKAMAS	1 14	INTER	CROSS	N	N	CLD	S-1STOP	01 NONE 9	STRGHT								124,	108 29
COUNTY	MO	HAPPY VALLEY	MN 0 CARVER RD	E		TRF SIGNAL	N	ICE	REAR	N/A	$\mathbf{E} - \mathbf{M}$								000	00
N	6A	PORTLAND UA	7.23 SE 135TH AVE	06	1		N	DAWN	PDO	PSNGR CAR		01 DRVR	NON	E 00	Unk (UNK		000	000	00
N	45 24 37.69	-122 31 28.7	017100100S00												Ţ	UNK				
										02 NONE 9	STOP									
										N/A	E -W	04		_					011	00
										PSNGR CAR		01 DRVR	NON	E 00		UNK UNK		000	000	00
03368 N N N N	12/11/2020	CLACKAMAS	1 14	INTER	CROSS	N	N	UNK	O-1STOP	01 NONE 0	STRGHT									05
NO RPT	FR	HAPPY VALLEY	MN 0 CARVER RD	E		TRF SIGNAL	N	WET	HEAD	UNKN	E -W								000	00
N	10P	PORTLAND UA	7.23 SE 135TH AVE	06	1		N	DLIT	INJ	PSNGR CAR		01 DRVR	NON	E 00	Unk (UNK		080	000	05
N	45 24 37.68	-122 31 28.69	017100100s00												Т	UNK				
14	13 21 37.00	122 31 20.03	01/100100000							02 NONE 0	STOP					OIVIC				
										PRVTE	W -E								012	00
										PSNGR CAR		01 DRVR	INJ	В 54		OR-Y OR<25		000	000	00
										02 NONE 0	STOP									
										PRVTE	M -E								012	00
										PSNGR CAR		02 PSNG	INJ	A 55	M			000	000	00
01503 N N N N N	Y 06/14/2020	CLACKAMAS	1 14	INTER	CROSS	N	N	CLD	S-1STOP	01 NONE 0	STRGHT									27,07,29
01503 N N N N N CITY	Y 06/14/2020 SU	CLACKAMAS HAPPY VALLEY	1 14 MN 0 CARVER RD	INTER E	CROSS	N TRF SIGNAL	N N	CLD DRY	S-1STOP REAR	01 NONE 0 PRVTE	STRGHT E -W								000	27,07,29 00
					CROSS							01 DRVR	NON	E 23	F S	SUSP		043,026	000	
CITY	SU	HAPPY VALLEY	MN 0 CARVER RD	E	CROSS		N	DRY	REAR	PRVTE PSNGR CAR	E -W	01 DRVR	NON	E 23		SUSP OR<25		043,026		00
CITY	SU 9P	HAPPY VALLEY	MN 0 CARVER RD 7.23 SE 135TH AVE	E	CROSS		N	DRY	REAR	PRVTE PSNGR CAR 01 NONE 0	E -W STRGHT	01 DRVR	NON	E 23				043,026	038	00 27,07,29
CITY	SU 9P	HAPPY VALLEY	MN 0 CARVER RD 7.23 SE 135TH AVE	E	CROSS		N	DRY	REAR	PRVTE PSNGR CAR	E -W	01 DRVR			(043,026		00
CITY	SU 9P	HAPPY VALLEY	MN 0 CARVER RD 7.23 SE 135TH AVE	E	CROSS		N	DRY	REAR	PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR	E -W STRGHT E -W				(038	00 27,07,29 00
CITY	SU 9P	HAPPY VALLEY	MN 0 CARVER RD 7.23 SE 135TH AVE	E	CROSS		N	DRY	REAR	PRVTE PSNGR CAR 01 NONE 0 PRVTE	E -W STRGHT				(038	00 27,07,29 00
CITY	SU 9P	HAPPY VALLEY	MN 0 CARVER RD 7.23 SE 135TH AVE	E	CROSS		N	DRY	REAR	PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 02 NONE 0	E -W STRGHT E -W		INJ(C 21	F M	OR<25			038	00 27,07,29 00 00
CITY	SU 9P	HAPPY VALLEY	MN 0 CARVER RD 7.23 SE 135TH AVE	E	CROSS		N	DRY	REAR	PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE	E -W STRGHT E -W	02 PSNG	INJ(C 21	F M	OR<25 OR-Y		000	038 000 000	00 27,07,29 00 00
CITY	SU 9P	HAPPY VALLEY	MN 0 CARVER RD 7.23 SE 135TH AVE	E	CROSS		N	DRY	REAR	PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR	E -W STRGHT E -W STOP E -W	02 PSNG	INJ(C 21	F M	OR<25 OR-Y		000	038 000 000 011 000	00 27,07,29 00 00 00
CITY	SU 9P	HAPPY VALLEY	MN 0 CARVER RD 7.23 SE 135TH AVE	E	CROSS		N	DRY	REAR	PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR	E -W STRGHT E -W STOP E -W	02 PSNG	INJ(C 21	F M (OR<25 OR-Y		000	038 000 000 011 000	00 27,07,29 00 00 00
CITY	SU 9P	HAPPY VALLEY	MN 0 CARVER RD 7.23 SE 135TH AVE	E	1		N	DRY	REAR	PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR	E -W STRGHT E -W STOP E -W	02 PSNG 01 DRVR	INJ(C 21	F M (OR<25 OR-Y		000	038 000 000 011 000	00 27,07,29 00 00 00
CITY N	SU 9P 45 24 37.68	HAPPY VALLEY PORTLAND UA -122 31 28.71	MN 0 CARVER RD 7.23 SE 135TH AVE 017100100S00	E 06	CROSS 1	TRF SIGNAL	N N	DRY	REAR INJ	PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR	E -W STRGHT E -W STOP E -W STOP E -W	02 PSNG 01 DRVR	INJ(C 21	F M (OR<25 OR-Y		000	038 000 000 011 000	00 27,07,29 00 00 00
O0800 N N N N	SU 9P 45 24 37.68	HAPPY VALLEY PORTLAND UA -122 31 28.71 CLACKAMAS	MN 0 CARVER RD 7.23 SE 135TH AVE 017100100S00	E 06 INTER	1	TRF SIGNAL	N	DRY	REAR INJ S-1STOP	PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 01 NONE 0	E -W STRGHT E -W STOP E -W STOP E -W	02 PSNG 01 DRVR	INJ(C 21	F M (OR<25 OR-Y OR<25		000	038 000 000 011 000	00 27,07,29 00 00 00 00
CITY N N N N NONE	9P 45 24 37.68 02/28/2017 TU 2P	HAPPY VALLEY PORTLAND UA -122 31 28.71 CLACKAMAS HAPPY VALLEY	MN 0 CARVER RD 7.23 SE 135TH AVE 017100100S00 1 14 MN 0 CARVER RD	E 06 INTER SE	1 CROSS	TRF SIGNAL	N N N	DRY DLIT UNK WET	REAR INJ S-1STOP REAR	PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR	E -W STRGHT E -W STOP E -W STOP E -W	02 PSNG 01 DRVR 02 PSNG	INJ(C 21	F M C C	OR<25 OR-Y OR<25		000	038 000 000 011 000 011 000	00 27,07,29 00 00 00 00 00
CITY N N N N NONE	9P 45 24 37.68 02/28/2017 TU 2P	HAPPY VALLEY PORTLAND UA -122 31 28.71 CLACKAMAS HAPPY VALLEY PORTLAND UA	MN 0 CARVER RD 7.23 SE 135TH AVE 017100100S00 1 14 MN 0 CARVER RD 7.23 SE 135TH AVE	E 06 INTER SE	1 CROSS	TRF SIGNAL	N N N	DRY DLIT UNK WET	REAR INJ S-1STOP REAR	PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR	E -W STRGHT E -W STOP E -W STOP E -W	02 PSNG 01 DRVR 02 PSNG	INJ(C 21	F M C C	OR<25 OR-Y OR<25		000	038 000 000 011 000 011 000	00 27,07,29 00 00 00 00 00
CITY N N N N NONE	9P 45 24 37.68 02/28/2017 TU 2P	HAPPY VALLEY PORTLAND UA -122 31 28.71 CLACKAMAS HAPPY VALLEY PORTLAND UA	MN 0 CARVER RD 7.23 SE 135TH AVE 017100100S00 1 14 MN 0 CARVER RD 7.23 SE 135TH AVE	E 06 INTER SE	1 CROSS	TRF SIGNAL	N N N	DRY DLIT UNK WET	REAR INJ S-1STOP REAR	PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 01 NONE 0 UNKN UNKNOWN 02 NONE 0 PRVTE	E -W STRGHT E -W STOP E -W STOP E -W	02 PSNG 01 DRVR 02 PSNG	INJ(C 21 C 44 C 24	F M C C	OR<25 OR-Y OR<25		000	038 000 000 011 000 000 000 011	00 27,07,29 00 00 00 00 00 29 00 29
CITY N N N N N NONE	9P 45 24 37.68 02/28/2017 TU 2P	HAPPY VALLEY PORTLAND UA -122 31 28.71 CLACKAMAS HAPPY VALLEY PORTLAND UA	MN 0 CARVER RD 7.23 SE 135TH AVE 017100100S00 1 14 MN 0 CARVER RD 7.23 SE 135TH AVE	E 06 INTER SE	1 CROSS	TRF SIGNAL	N N N	DRY DLIT UNK WET	REAR INJ S-1STOP REAR	PRVTE PSNGR CAR 01 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 02 NONE 0 PRVTE PSNGR CAR 01 NONE 0 UNKN UNKNOWN	E -W STRGHT E -W STOP E -W STOP E -W STRGHT SW-NE	02 PSNG 01 DRVR 02 PSNG	INJ(C 21 C 44 C 24	F M C	OR<25 OR-Y OR<25		000	038 000 000 011 000 010 000	00 27,07,29 00 00 00 00 00 29 00 29

CONTINUOUS SYSTEM CRASH LISTING

CDS380 OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION Page: 43

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

94 - 97 of 169 Crash records shown.

SER#
RD DPT
UNLOC? V V V V V V V V V V V V V V V V V V V
03801 N N N N N 09/15/2017 CLACKAMAS 1 14 INTER CROSS N N N DRY REAR 9RVTE SW-NE
NONE FR HAPPY VALLEY MN 0 CARVER RD SE YIELD N DRY REAR PRVTE SW-NE 000 00 N 5P PORTLAND UA 7.23 SE 135TH AVE 09 1 N DAY INJ PSNGR CAR 01 DRVR NONE 56 M OR-Y 026 000 29 N 45 24 37.69 -122 31 28.7 017100100S00 CR-VS STOP
N 5P PORTLAND UA 7.23 SE 135TH AVE 09 1 N DAY INJ PSNGR CAR 01 DRVR NONE 56 M OR-Y 026 000 29 N 45 24 37.69 -122 31 28.7 017100100S00 OR<25
N 45 24 37.69 -122 31 28.7 017100100S00 OR<25
02 NONE 0 STOP
PRVTE SW-NE 011 00
PRVIE SW-NE 01 DRVR INJC 47 F OR-Y 000 000 00
OR<25
02 NONE 0 STOP
PRVTE SW-NE 011 00
PSNGR CAR 02 PSNG INJC 16 F 000 000 00
00048 N N N N 01/04/2017 CLACKAMAS 1 14 INTER CROSS N N CLR S-1STOP 01 NONE 9 STRGHT 29
NONE WE HAPPY VALLEY MN 0 CARVER RD SE YIELD N DRY REAR N/A SW-NE 000 00
N 11A PORTLAND UA 7.23 SE 135TH AVE 09 1 N DAY PDO PSNGR CAR 01 DRVR NONE 00 Unk UNK 000 000 00
N 45 24 37.69 -122 31 28.7 017100100S00 UNK 02 NONE 9 STOP
N/A SW-NE 011 00
PSNGR CAR 01 DRVR NONE 00 Unk UNK 000 000 00
UNK
00224 N N N N 01/13/2017 CLACKAMAS 1 14 INTER CROSS N N SNOW S-1STOP 01 NONE 9 STRGHT 124 29
NONE FR HAPPY VALLEY MN 0 CARVER RD SE YIELD N ICE REAR N/A NE-SW 000 00
N 2P PORTLAND UA 7.23 SE 135TH AVE 09 1 N DAY PDO PSNGR CAR 01 DRVR NONE 00 Unk UNK 000 000
N 45 24 37.69 -122 31 28.7 017100100S00
02 NONE 9 STOP
N/A NE-SW 011 00
PSNGR CAR 01 DRVR NONE 00 Unk UNK 000 000 00
UNK
02206 N N N N 06/06/2017 CLACKAMAS 1 14 INTER CROSS N N CLR S-1STOP 01 NONE 9 STRGHT 29 NONE TU HAPPY VALLEY MN 0 CARVER RD SE YIELD N DRY REAR N/A SW-NE 000 00
N 7P PORTLAND UA 7.23 SE 135TH AVE 09 1 N DAY PDO PSNGR CAR 01 DRVR NONE 00 Unk UNK 000 000 00
N 45 24 37.69 -122 31 28.7 017100100S00
02 NONE 9 STOP
N/A SW-NE 011 00 PSNGR CAR 01 DRVR NONE 00 Unk UNK 000 000 00
UNK
02526 N N N N N N 06/26/2017 CLACKAMAS 1 14 INTER CROSS N N CLR S-1STOP 01 NONE 9 STRGHT 27,29
NONE MO HAPPY VALLEY MN 0 CARVER RD SE YIELD N DRY REAR N/A NE-SW
N 12P PORTLAND UA 7.23 SE 135TH AVE 09 1 N DAY PDO PSNGR CAR 01 DRVR NONE 00 Unk UNK 000 000
N 45 24 37.69 -122 31 28.7 017100100S00

CONTINUOUS SYSTEM CRASH LISTING

OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION CDS380 Page: 45

CONTINUOUS SYSTEM CRASH LISTING

Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage 171: CLACKAMAS

98 - 102 of 169 Crash records shown.

S D M																			
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICN	IS PED)		
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E	X RES	LOC	ERROR	ACT EVENT	CAUSE
										02 NONE 9 N/A	STOP NE-SW							011	00
										PSNGR CAR	1.2 2.1	01 DRVR	NONE	00	Unk UNK		000	000	00
															UNK				
02930 N N N N	07/20/2017	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 9	STRGHT								29
NONE	TH	HAPPY VALLEY	MN 0 CARVER RD	SE		TRF SIGNAL	N	DRY	REAR	N/A	NE-SW							000	00
N	4P	PORTLAND UA	7.23 SE 135TH AVE	09	1		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N	45 24 37.69	-122 31 28.7	017100100800												UNK				
14	43 24 37.09	-122 31 20.7	01/100100500							02 NONE 9	STOP				OIVIC				
										N/A	NE-SW							011	00
										PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
															UNK				
04883 N N N N	11/19/2017	CLACKAMAS	1 14	INTER	CROSS	N	N	RAIN	S-1STOP	01 NONE 9	STRGHT								29
NO RPT	SU	HAPPY VALLEY	MN 0 CARVER RD	SE		YIELD	N	WET	REAR	N/A	SW-NE							000	00
N	6P	PORTLAND UA	7.23 SE 135TH AVE	09	1		N	DUSK	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N	45 24 37.69	-122 31 28.7	017100100800												UNK				
										02 NONE 9	STOP								
										N/A	SW-NE							011	00
										PSNGR CAR		01 DRVR	NONE	00	UNK UNK		000	000	00
05130 N N N N	12/04/2017	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 9	STRGHT								29
NONE	МО	HAPPY VALLEY	MN 0 CARVER RD	SE		YIELD	N	DRY	REAR	N/A	SW-NE							000	00
N	7A	PORTLAND UA	7.23 SE 135TH AVE	09	1		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N	45 24 37.69	-122 31 28.7	017100100800												UNK				
										02 NONE 9	STOP				-				
										N/A	SW-NE							011	00
										PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
															UNK				
02349 N N N N	07/06/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT							000	29
NONE	FR	HAPPY VALLEY	MN 0 CARVER RD	SE		YIELD	N	DRY	REAR	PRVTE	SW-NE							000	00
N	10A	PORTLAND UA	7.23 SE 135TH AVE	09	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	40	M OR-Y	-	026	000	29
N	45 24 37.7	-122 31 28.72	017100100S00												OR<2	5			
										02 NONE 0	STOP							011	0.0
										PRVTE PSNGR CAR	SW-NE	01 DRVR	TNLTC	30	M ∩D7		000	011 000	00
										FUNDE CAR		OI DKVK	TIMOC	33	OR<2		000	000	00
										02 NONE 0	STOP								
										PRVTE	SW-NE							011	00
										PSNGR CAR		02 PSNG	INJC	37	F		000	000	00

CONTINUOUS SYSTEM CRASH LISTING

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CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

103 - 107 of 169 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E 1	LICNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	Y E	X I	RES	LOC	ERROR	ACT EVENT	CAUSE
02870 N N N N	07/27/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT									29
NONE	FR	HAPPY VALLEY	MN 0 CARVER RD	SE		YIELD	N	DRY	REAR	PRVTE	SW-NE								000	00
N	7P	PORTLAND UA	7.23 SE 135TH AVE	09	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	44	M (OR-Y		026	000	29
N	45 24 37.71	-122 31 28.72	017100100S00												(OR<25				
										02 NONE 0 PRVTE	STOP SW-NE								011	00
										PRVIE PSNGR CAR	SM-INE	01 DRVR	INJO	. 28	F (OR-Y		000	000	00
																OR<25				
03000 N N N N	08/16/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT									29
NONE	TH	HAPPY VALLEY	MN 0 CARVER RD	SE		YIELD	N	DRY	REAR	PRVTE	NE-SW								000	00
N	1P	PORTLAND UA	7.23 SE 135TH AVE	09	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	48	F (OR-Y		026	000	29
N	45 24 37.69	-122 31 28.7	017100100S00												(OR<25				
										02 NONE 0	STOP									
										PRVTE	NE-SW	0.4			_				011	00
										PSNGR CAR		01 DRVR	TNJC	31		DR-Y DR>25		000	000	00
03290 N N N N	09/17/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT									29
NONE	MO	HAPPY VALLEY	MN 0 CARVER RD	SE		YIELD	N	DRY	REAR	PRVTE	SW-NE								000	00
N	2P	PORTLAND UA	7.23 SE 135TH AVE	09	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	41	F (OR-Y		026	000	29
N	45 24 37.72	-122 31 28.71	017100100S00												(OR<25				
										02 NONE 0	STOP									
										PRVTE PSNGR CAR	SW-NE	01 DRVR	TNIT	1 40	M T	TATIZ		000	011 000	0 0 0 0
										PSINGR CAR		OI DRVR	INUC	. 42		OR<25		000	000	00
03819 N N N N	10/22/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT									29
NONE	MO	HAPPY VALLEY	MN 0 CARVER RD	SE		YIELD	N	DRY	REAR	PRVTE	NE-SW								000	00
N	6P	PORTLAND UA	7.23 SE 135TH AVE	09	1		N	DUSK	INJ	PSNGR CAR		01 DRVR	NONE	49	М (OR-Y		026	000	29
N	45 24 37.7	-122 31 28.71	017100100S00												(OR<25				
										02 NONE 0									0.5.5	
										PRVTE PSNGR CAR	NE-SW	01 DRVR	TNIT	1 27	M (ע מר		000	011 000	0 0 0 0
										PSNGR CAR		UI DRVR	INUC	. 21		DR<25		000	000	00
00441 N N N N	02/05/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 9	STRGHT									29
NONE	MO	HAPPY VALLEY	MN 0 CARVER RD	SE		YIELD	N	DRY	REAR	N/A	SW-NE								000	00
N	10A	PORTLAND UA	7.23 SE 135TH AVE	09	1		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	0.0	Unk (JNK		000	000	00
N	45 24 37.69	-122 31 28.7	017100100s00												τ	JNK				
										02 NONE 9	STOP									
										N/A	SW-NE				_				011	00
										PSNGR CAR		01 DRVR	NONE	0.0		JNK JNK		000	000	00
															·)IMI/				

CONTINUOUS SYSTEM CRASH LISTING

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CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

108 - 112 of 169 Crash records shown.

S D M																					
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE											
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				A	S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	! IN	IJ	G	E LICN	IS P	ED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SV.	RTY	E	X RES	L	OC	ERROR	ACT EVENT	CAUSE
00889 N N N N	03/12/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 9	STRGHT										29
NONE	MO	HAPPY VALLEY	MN 0 CARVER RD	SE		YIELD	N	DRY	REAR	N/A	SW-NE									000	00
N	6P	PORTLAND UA	7.23 SE 135TH AVE	09	1		N	DAY	PDO	PSNGR CAR		01 DRVR	. NO	NE	00 U	nk UNK			000	000	00
N	45 24 37.69	-122 31 28.7	017100100S00													UNK					
										02 NONE 9 N/A	STOP SW-NE									011	00
										PSNGR CAR	SM-INE	01 DRVR	NC.	NE	00 11	nk UNK			000	000	00
										1511011 01111		01 21111			00 0	UNK					
02435 N N N N	07/13/2018	CLACKAMAS	1 14	INTER	3-LEG	N	N	CLR	S-1STOP	01 NONE 9	STRGHT										29
NO RPT	FR	HAPPY VALLEY	MN 0 CARVER RD	SE		YIELD	N	DRY	REAR	N/A	SW-NE									000	00
N	4 P	PORTLAND UA	7.23 SE 135TH AVE	09	1		N	DAY	PDO	PSNGR CAR		01 DRVR	. NO	NE	00 U	nk UNK			000	000	00
N	45 24 37.69	-122 31 28.69	017100100800													UNK					
										02 NONE 9	STOP										
										N/A	SW-NE									011	00
										PSNGR CAR		01 DRVR	. NO	NE	00 U	nk UNK UNK			000	000	00
00404 N N N N	02/02/2019	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT										29
NONE	SA	HAPPY VALLEY	MN 0 CARVER RD	SE		YIELD	N	DRY	REAR	PRVTE	NE-SW									000	00
N	12P	PORTLAND UA	7.23 SE 135TH AVE	09	1		N	DAY	INJ	PSNGR CAR		01 DRVR	. NO	NE	58 F	OR-Y	Z.		026	000	29
N	45 24 37.69	-122 31 28.69	017100100S00													OR<2	25				
										02 NONE 0	STOP										
										PRVTE	NE-SW									011	00
										PSNGR CAR		01 DRVR	l IN	IJC	41 F	OR-Y OR<2			000	000	00
00625 N N N N N	N 02/21/2019	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT										29
STATE	TH	HAPPY VALLEY	MN 0 CARVER RD	SE		YIELD	N	DRY	REAR	UNKN	SW-NE									000	00
N	1P	PORTLAND UA	7.23 SE 135TH AVE	09	1		N	DAY	INJ	PSNGR CAR		01 DRVR	. NO	NE	00 м	UNK			026	000	29
N	45 24 37.69	-122 31 28.7	017100100800													UNK					
										02 NONE 0											
										PRVTE	SW-NE	01 555		0	04 =		_		000	011	00
										PSNGR CAR		01 DRVR	. 11	IJĊ	24 F	OR-Y			000	000	00
02841 N N N N	08/18/2019	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT						-				29
NONE	SU	HAPPY VALLEY	MN 0 CARVER RD	SE	CICODD	YIELD	N	DRY	REAR	PRVTE	NE-SW									000	00
N	4 P	PORTLAND UA	7.23 SE 135TH AVE	09	1		N	DAY	INJ	PSNGR CAR		01 DRVR	. IN	IJC	69 M	OR-Y	Ţ.		026	000	29
N	AE 2A 27 71	-122 31 28.71	017100100S00													OR<2) =				
N	40 44 3/./I	-122 JI 20./I	01/100100500							02 NONE 0	STOP					UK <z< td=""><td>د.</td><td></td><td></td><td></td><td></td></z<>	د.				
										PRVTE	NE-SW									011	00
										PSNGR CAR		01 DRVR	NC	NE	48 M	OR-Y	7		000	000	00
																OR<2	25				

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

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CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

113 - 117 of 169 Crash records shown.

S D M																			
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS	PED			
UNLOC? D C S V L		LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E	X RES	LOC	ERROR	ACT EVENT	
03357 N N N N	09/28/2019	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT							000	29
NONE	SA	HAPPY VALLEY	MN 0 CARVER RD	SE		YIELD	N	DRY	REAR	PRVTE	NE-SW							000	00
N	10A	PORTLAND UA	7.23 SE 135TH AVE	09	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	28 I	M OR-Y		026	000	29
N	45 24 37.69	-122 31 28.71	017100100s00												OR<25	5			
										02 NONE 0	STOP							011	0.0
										PRVTE PSNGR CAR	NE-SW	01 DRVR	TNTC	22 1	7 AP-V		000	011 000	00 00
										FSNGIC CAIC		OI DRVR	INOC	23 1	OR-1	;	000	000	00
00532 N N N N	02/15/2019	CLACKAMAS	1 14	INTER	CROSS	N	N	RAIN	S-1STOP	01 NONE 9	STRGHT								29
NONE	FR	HAPPY VALLEY	MN 0 CARVER RD	SE		YIELD	N	WET	REAR	N/A	SW-NE							000	00
N	2P	PORTLAND UA	7.23 SE 135TH AVE	09	1		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 1	Jnk UNK		000	000	00
N	45 24 37.69	-122 31 28.7	017100100S00												UNK				
	10 21 07.00	111 31 1017	01/10010000							02 NONE 9	STOP				0212				
										N/A	SW-NE							011	00
										PSNGR CAR		01 DRVR	NONE	00			000	000	00
															UNK				
03704 N N N N	10/22/2019 TU	CLACKAMAS	1 14 MN 0 CARVER RD	INTER	CROSS	N YIELD	N	CLR DRY	S-1STOP REAR	01 NONE 9	STRGHT							000	29 00
NONE		HAPPY VALLEY		SE		ITELD	N	DRI	RLAK	N/A	NE-SW								
N	6P	PORTLAND UA	7.23 SE 135TH AVE	09	1		N	DARK	PDO	PSNGR CAR		01 DRVR	NONE	00 1	Jnk UNK		000	000	00
N	45 24 37.7	-122 31 28.73	017100100800												UNK				
										02 NONE 9	STOP							011	0.0
										N/A PSNGR CAR	NE-SW	01 DRVR	NONE	00 1	Ink IINK		000	011 000	00 00
										I DIVOIC CITIC		OI DICVIC	HONE		UNK		000	000	
03719 N N N N	10/23/2019	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 9	STRGHT								29
NONE	WE	HAPPY VALLEY	MN 0 CARVER RD	SE		YIELD	N	DRY	REAR	N/A	NE-SW							000	00
N	2P	PORTLAND UA	7.23 SE 135TH AVE	09	1		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Jnk UNK		000	000	00
N	45 24 37.69	-122 31 28.7	017100100S00												UNK				
										02 NONE 9	STOP								
										N/A	NE-SW							011	00
										PSNGR CAR		01 DRVR	NONE	00 1	Jnk UNK UNK		000	000	00
04000 N N N N	11 /15 /0010	CT A CVANA C	1 14	THERE	anoaa				g 1gmon	0.1 NOVE 0	CMD CITE				UNK				20
04293 N N N N NONE	11/15/2019 FR	CLACKAMAS HAPPY VALLEY	1 14 MN 0 CARVER RD	INTER SE	CROSS	N YIELD	N N	CLR DRY	S-1STOP REAR	01 NONE 9 N/A	STRGHT NE-SW							000	29 00
					1							01 pprm		0.0	- 1		000		
N	3P	PORTLAND UA	7.23 SE 135TH AVE	09	1		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 1	JNK UNK		000	000	00
N	45 24 37.69	-122 31 28.72	017100100s00												UNK				
										02 NONE 9	STOP NE_SW							011	0.0
										N/A PSNGR CAR	NE-SW	01 DRVR	NONE	00 1	Ink UNK		000	011 000	00 00
										2 22.010 07110		JI DICTIC	1.01111		UNK		000		2.0

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

118 - 121 of 169 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC CON	IN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT FIR	RST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SEC	COND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS	PED			
UNLOC? D C S V L		LONG	MILEPNT LRS	3		(#LANES)		DRVWY	LIGHT		V# TYPE	ТО	P# TYPE	SVRTY	Е	X RES	LOC	ERROR	ACT EVENT	CAUSE
00749 N N N N	02/26/2020	CLACKAMAS	1 14		INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT							0.00	29
NONE	WE	HAPPY VALLEY	MN 0 CAR	VER RD	SE		YIELD	N	DRY	REAR	PRVTE	NE-SW							000	00
N	7p	PORTLAND UA	7.23 SE	135TH AVE	09	1		N	DARK	INJ	UNKNOWN		01 DRVR	NONE	43 M	OR-Y		026	000	29
N	45 24 37.7	-122 31 28.72	017	100100S00												OR>25				
											02 NONE 0	STOP								
											PRVTE	NE-SW	01 555	-11-C	0			000	011	00
											PSNGR CAR		01 DRVR	INJC	27 M	N-RES		000	000	00
01156 N N N N	04/21/2020	CLACKAMAS	1 14		INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
NONE	TU	HAPPY VALLEY	MN 0 CAR	EVER RD	SE		YIELD	N	DRY	REAR	PRVTE	NE-SW							000	00
N	1P	PORTLAND UA	7.23 SE	135TH AVE	09	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	62 F	OR-Y		026	000	29
N	45 24 37.7	-122 31 28.69	017	7100100S00												OR<25				
	13 21 37.7	111 31 10.03	017	100100200							02 NONE 0	STOP				011 -20				
											PRVTE	NE-SW							011	00
											PSNGR CAR		01 DRVR	NONE	69 M	OR-Y OR<25		000	000	00
											02 NONE 0	STOP				UR<25				
											PRVTE	NE-SW							011	00
											PSNGR CAR		02 PSNG	INJC	70 F			000	000	00
00685 N N N N N	N 02/21/2020	CLACKAMAS	1 14		INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
COUNTY	FR	HAPPY VALLEY	MN 0 CAR	RVER RD	SE		YIELD	N	DRY	REAR	PRVTE	SW-NE							000	00
N	2P	PORTLAND UA	7.23 SE	135TH AVE	09	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	27 M	OR-Y		026	000	29
N	45 24 37.7	-122 31 28.71	017	100100s00												OR<25				
											02 NONE 0	STOP								
											PRVTE	SW-NE							011	00
											PSNGR CAR		01 DRVR	INJC	37 F	OR-Y OR>25		000	000	00
											02 NONE 0	STOP				UR>25				
											PRVTE	SW-NE							011	00
											PSNGR CAR		02 PSNG	INJC	49 M			000	000	00
01306 N N N N N	N 05/19/2021	CLACKAMAS	1 14		INTER	CROSS	N	N	CLD	S-1STOP	01 NONE 0	STRGHT								29
STATE	WE	HAPPY VALLEY	MN 0 CAR	RVER RD	SE		YIELD	N	WET	REAR	PRVTE	SW-NE							000	00
N	4P	PORTLAND UA	7.23 SE	135TH AVE	09	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	65 M	OR-Y		026	000	29
N	45 24 37.71	-122 31 28.72	017	7100100s00												OR<25				
											02 NONE 0	STOP								
											PRVTE	SW-NE	01	T17-6	<i></i> =	07. **		000	011	00
											PSNGR CAR		01 DRVR	INJC	66 F	OR-Y OR<25		000	000	00
																UK < 25				

CONTINUOUS SYSTEM CRASH LISTING

CDS380 OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION Page: 55

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

122 - 125 of 169 Crash records shown.

S D M																			
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE	3				SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE		1	S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC I	NJ (EL	ICNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE S	VRTY I	XR	.ES	LOC	ERROR	ACT EVENT	CAUSE
03417 N N N N	11/10/2021	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
NONE	WE	HAPPY VALLEY	MN 0 CARVER RD	SE		YIELD	N	DRY	REAR	PRVTE	SW-NE							000	00
N	1P	PORTLAND UA	7.23 SE 135TH AVE	09	1		N	DAY	INJ	PSNGR CAR		01 DRVR N	IONE 42	м с	TH-Y		026	000	29
N	45 24 37.71	-122 31 28.7	017100100800											N	I-RES				
										02 NONE 0	STOP								
										PRVTE	SW-NE							011	00
										PSNGR CAR		01 DRVR N	IONE 5	M C	R-Y		000	000	00
														С	R<25				
										02 NONE 0	STOP								
										PRVTE	SW-NE							011	00
										PSNGR CAR		02 PSNG I	NJA 5	F			000	000	00
00929 N N N N N	N 03/09/2017	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT							013	29,07
COUNTY	TH	HAPPY VALLEY	MN 0 CARVER RD	S		L-GRN-SIG	N	DRY	REAR	PRVTE	S -N							000	00
N	4P	PORTLAND UA	7.23 SE 135TH AVE	06	1		N	DAY	INJ	PSNGR CAR		01 DRVR I	NJC 52	м с	R-Y		043,026	000	29,07
N	45 24 37.69	-122 31 28.7	017100100800											C	R<25				
	13 21 37.03	122 31 2017	01/10010000							02 NONE 0	STOP				25				
										PRVTE	S -N							011 013	00
										PSNGR CAR		01 DRVR I	NJC 54	M C	R-Y		000	000	00
														С	R<25				
										03 NONE 0	STOP								
										PRVTE	S -N							022	00
										PSNGR CAR		01 DRVR N	IONE 2		R-Y		000	000	00
														С	R<25				
00081 N N N N	01/06/2017	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 9	STRGHT								29
NONE	FR	HAPPY VALLEY	MN 0 CARVER RD	S		TRF SIGNAL	N	DRY	REAR	N/A	S -N							000	00
N	7P	PORTLAND UA	7.23 SE 135TH AVE	06	1		N	DLIT	PDO	PSNGR CAR		01 DRVR N	ONE 0	Unk U	NK		000	000	00
N	45 24 37.69	-122 31 28.7	017100100s00											U	NK				
										02 NONE 9	STOP								
										N/A	S -N							011	00
										PSNGR CAR		01 DRVR N	ONE 0	Unk U	NK		000	000	00
														U	NK				
02772 N N N N	07/11/2017	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 9	STRGHT								29
NONE	TU	HAPPY VALLEY	MN 0 CARVER RD	S		TRF SIGNAL	N	DRY	REAR	N/A	S -N							000	00
N	7P	PORTLAND UA	7.23 SE 135TH AVE	06	1		N	DAY	PDO	PSNGR CAR		01 DRVR N	ONE 0	Unk U	NK		000	000	00
N	45 24 37.69	-122 31 28.7	017100100s00											U	NK				
										02 NONE 9	STOP								
										N/A	S -N							012	00
										PSNGR CAR		01 DRVR N	ONE 0				000	000	00
														U	NK				

CONTINUOUS SYSTEM CRASH LISTING

CDS380 OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION Page: 57

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

126 - 129 of 169 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			P	S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	; E	LICNS	PED			
UNLOC? D C S V L		LONG	MILEPNT LRS		(#LANES)		· · · · · · · · · · · · · · · · · · ·	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	Y E	X	RES	LOC	ERROR	ACT EVENT	
00554 N N N N N		CLACKAMAS	1 14	INTER W	CROSS	N CIGNAL	N	CLD	S-1STOP	01 NONE 0	STRGHT								0.00	04,29
COUNTY	FR	HAPPY VALLEY	mn 0 carver rd	W		TRF SIGNAL	N	DRY	REAR	PRVTE	W -E								000	00
N	8P	PORTLAND UA	7.23 SE 135TH AVE	06	1		N	DLIT	INJ	PSNGR CAR		01 DRVR	INJC	! 28	F	OR-Y		020,026	000	04,29
N	45 24 37.69	-122 31 28.7	017100100S00							0.1 270277	amp arre					OR<25				
										01 NONE 0 PRVTE	STRGHT W -E								000	00
										PSNGR CAR	" -	02 PSNG	INJC	. 08	F			000	000	00
										02 NONE 0	STOP									
										PRVTE	W -E								011	00
										PSNGR CAR		01 DRVR	NONE	46	F	OR-Y		000	000	00
																OR<25				
01483 N N N N	05/02/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT									29
NONE	WE	HAPPY VALLEY	MN 0 CARVER RD	W		TRF SIGNAL	N	DRY	REAR	UNKN	W -E								000	00
N	10A	PORTLAND UA	7.23 SE 135TH AVE	06	1		N	DAY	INJ	TRUCK		01 DRVR	NONE	00	М	UNK		026	000	29
N	45 24 37.69	-122 31 28.71	017100100S00													UNK				
										02 NONE 0	STOP								011	0.0
										PRVTE PSNGR CAR	W -E	01 DRVR	INJC	. 74	F	OR-Y		000	011 000	00
												01 211111	21.00	, , -	-	OR<25				
00066 N N N N	01/06/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 9	STRGHT									29
NONE	SA	HAPPY VALLEY	MN 0 CARVER RD	W		TRF SIGNAL	N	DRY	REAR	N/A	W -E								000	00
N	4P	PORTLAND UA	7.23 SE 135TH AVE	06	1		N	DUSK	PDO	PSNGR CAR		01 DRVR	NONE	0.0	Unk	UNK		000	000	00
N	45 24 37.69	-122 31 28.71	017100100800													UNK				
										02 NONE 9	STOP									
										N/A	M -E	01 pprm			1			000	011	00
										PSNGR CAR		01 DRVR	NONE		Unk	UNK		000	000	00
81990 N N N N	03/11/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 9	STRGHT									29
NONE	SU	HAPPY VALLEY	MN 0 CARVER RD	W		TRF SIGNAL	N	DRY	REAR	N/A	W -E								000	00
N	3P	PORTLAND UA	7.23 SE 135TH AVE	06	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk	UNK		000	000	00
N	45 24 37.69	-122 31 28.7	017100100S00													UNK				
										02 NONE 9	STOP								0.1.1	0.0
										N/A PSNGR CAR	W -E	01 DRVR	NONE	. 00	IInk	- IINK		000	011 000	00
										1 DINGIT GIAC		01 211111	1,01,1		0111	UNK				
03674 N N N N	10/11/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 9	STRGHT									29
NONE	TH	HAPPY VALLEY	MN 0 CARVER RD	W		TRF SIGNAL	N	DRY	REAR	N/A	W -E								000	00
N	2P	PORTLAND UA	7.23 SE 135TH AVE	06	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	0.0	Unk	UNK		000	000	00
N	45 24 37.69	-122 31 28.7	017100100800													UNK				

CONTINUOUS SYSTEM CRASH LISTING

OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION CDS380 Page: 59

CONTINUOUS SYSTEM CRASH LISTING

Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage 171: CLACKAMAS

130 - 134 of 169 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LIC	IS PE	ED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E	X RES	LC	OC .	ERROR	ACT EVENT	CAUSE
										02 NONE 9 N/A	STOP W -E								011	00
										PSNGR CAR	2	01 DRVR	NONE	00	Unk UNK			000	000	00
															UNK					
02198 N N N N	06/30/2019	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT									29
NONE	SU	HAPPY VALLEY	MN 0 CARVER RD	W		TRF SIGNAL	N	DRY	REAR	PRVTE	M -E								000	00
N	7A	PORTLAND UA	7.23 SE 135TH AVE	06	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	41	M OR-Y	7		026	000	29
N	45 24 37.7	-122 31 28.71	017100100800												OR<2) 5				
IV	13 21 37.7	-122 31 20.71	01/100100500							02 NONE 0	STOP				OR 2					
										PRVTE	W -E								011	00
										PSNGR CAR		01 DRVR	INJC	57	M OR-Y	7.		000	000	00
															OR<2	25				
00412 N N N N	01/02/2019	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	O-1STOP	01 NONE 9	BACK									10
NONE	WE	HAPPY VALLEY	MN 0 CARVER RD	W		TRF SIGNAL	N	DRY	BACK	N/A	E -W								000	00
N	5P	PORTLAND UA	7.23 SE 135TH AVE	06	1		N	DLIT	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK			000	000	00
N	45 24 37.72	-122 31 28.74	017100100800												UNK					
										02 NONE 9	STOP									
										N/A	M -E								011	00
										PSNGR CAR		01 DRVR	NONE	00	UNK UNK UNK			000	000	00
00054 N N N N	01/06/2020	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT									29
NONE	MO	HAPPY VALLEY	MN 0 CARVER RD	W		TRF SIGNAL	N	DRY	REAR	PRVTE	M -E								000	00
N	1P	PORTLAND UA	7.23 SE 135TH AVE	06	1		N	DAY	INJ	PSNGR CAR		01 DRVR	INJC	51	M OR-Y	7.		026	000	29
N	45 24 37.68	-122 31 28.71	017100100S00												OR<2	25				
										02 NONE 0	STOP									
										PRVTE	M -E								011	00
										PSNGR CAR		01 DRVR	NONE	32	M OR-Y			000	000	00
01001 27 27 27	05 /01 /000	OT A CIVANA C	1 14	TATOON	anocc.	NT.	NT.	OI D	g 1cmor	0.1 NONT	OMD CLIM				OR<2	ر.				20
01221 N N N N NONE	05/01/2020 FR	CLACKAMAS HAPPY VALLEY	1 14 MN 0 CARVER RD	INTER W	CROSS	N TRF SIGNAL	N N	CLR DRY	S-1STOP REAR	01 NONE 0 PRVTE	STRGHT W -E								000	29 00
TOME		TALLI VALUET	IN O CHIVER RD	**		INI DIGNAL	TA	DICI	KEAK	11/4177	M E									
N	3P	PORTLAND UA	7.23 SE 135TH AVE	06	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	51	M OR-Y	7		026	000	29
N	45 24 37.69	-122 31 28.71	017100100s00												UNK					
										02 NONE 0	STOP W -F								011	0.0
										PRVTE PSNGR CAR	W -E	01 DRVR	INTC	42.	M OR-V	7		000	011 000	00
										2 227010 32110		OI DIVIN			OR<2					
										02 NONE 0	STOP									
										PRVTE	W -E								011	00
										PSNGR CAR		02 PSNG	INJC	76	F			000	000	00

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CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS

Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

CONTINUOUS SYSTEM CRASH LISTING

135 - 138 of 169 Crash records shown.

S D M																		
SER# P R J	S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE	3				SPCL USE								
INVEST E A U I	C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)) INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S			
RD DPT E L G N	H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS PED			
UNLOC? D C S V	L K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	7 E	X RES LOC	ERROR	ACT EVENT	CAUSE
01669 N N N N	N N 06/26/2020	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT							27,13,29
CITY	FR	HAPPY VALLEY	MN 0 CARVER RD	W		TRF SIGNAL	N	DRY	REAR	PRVTE	W -E						000	00
N	2P	PORTLAND UA	7.23 SE 135TH AVE	06	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	44 1	M OR-Y	045,026	038	27,13,29
N	45 24 37.7	-122 31 28.72	017100100800												OR<25			
										02 NONE 0	STOP							
										PRVTE	W -E	01 ppr				0.00	011	00
										PSNGR CAR		01 DRVR	INJC	57	F OR-Y OR<25	000	000	00
										02 NONE 0	STOP							
										PRVTE PSNGR CAR	W -E	02 PSNG	TNIC	15	r.	000	011 000	0 0 0 0
										PSNGR CAR		UZ PSNG	INOC	15		000	000	00
03395 N N N N	12/14/2020	CLACKAMAS	1 14	INTER	CROSS	N	N	UNK	S-1STOP	01 NONE 9	STRGHT							29
NONE	MO	HAPPY VALLEY	MN 0 CARVER RD	W		TRF SIGNAL	N	WET	REAR	N/A	W -E						000	00
N	10A	PORTLAND UA	7.23 SE 135TH AVE	06	1		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	0.0	Unk UNK	000	000	00
N	45 24 37.71	-122 31 28.69	017100100800												UNK			
										02 NONE 9	STOP							
										N/A	W -E						011	00
										PSNGR CAR		01 DRVR	NONE	00	Unk UNK UNK	000	000	00
00219 N N N N	N N 01/25/2021	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT							27,29
STATE	MO	HAPPY VALLEY	MN 0 CARVER RD	W		TRF SIGNAL	N	DRY	REAR	PRVTE	W -E						000	00
N	1P	PORTLAND UA	7.23 SE 135TH AVE	06	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	21 1	M NONE	026	038	27,29
N	45 24 37.71	-122 31 28.74	017100100S00												OR<25			
										02 NONE 1	STOP							
										PRVTE	W -E						011	00
										PSNGR CAR		01 DRVR	INJC	25 1		000	000	00
										02 NONE 1	STOP				OR<25			
										PRVTE	W -E						011	00
										PSNGR CAR	" -	02 PSNG	INJC	31 1	M	000	000	00
										02 NONE 1	STOP							
										PRVTE	W -E						011	00
										PSNGR CAR		03 PSNG	INJC	29 1	M	000	000	00
00250 N N N N	01/13/2021	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT							29
NONE	WE	HAPPY VALLEY	MN 0 CARVER RD	W		TRF SIGNAL	N	DRY	REAR	PRVTE	W -E						000	00
N	1P	PORTLAND UA	7.23 SE 135TH AVE	06	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	0.0	F OR-Y	026	000	29
N	45 24 37.69	-122 31 28.72	017100100500												OR<25			
										02 NONE 0	STOP							
										PRVTE	W -E						011	00
										PSNGR CAR		01 DRVR	INJC	25	F OR-Y OR<25	000	000	00

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

139 - 143 of 169 Crash records shown.

S D M																					
SER# P R J S	W DATE	COUNTY	RD# FC CONN‡	r#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U I C	O DAY	CITY	COMPNT FIRST	T STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				A S	;				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECON	ND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	IN	J	G E	LICNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS			(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVI	RTY	E X	RES	LOC	ERROR	ACT EVENT	CAUSE
03169 N N N N N	N 08/02/2017	CLACKAMAS	1 14		INTER	CROSS	N	N	CLD	ANGL-OTH	01 NONE 9	STRGHT									04
STATE	WE	HAPPY VALLEY	MN 0 CARVE	TER RD	CN		TRF SIGNAL	N	DRY	ANGL	N/A	E -W								000	00
N	5P	PORTLAND UA	7.23 SE 13	35TH AVE	01	1		N	DAY	PDO	PSNGR CAR		01 DRVR	NOI	NE 0	0 Unl	k UNK		000	000	00
N	45 24 37.69	-122 31 28.7	01710	00100S00													UNK				
											02 NONE 9	STRGHT									
											N/A	N -S								000	00
											PSNGR CAR		01 DRVR	NOI	NE O	0 Unl	k UNK UNK		000	000	00
00325 N N N N N	N 01/21/2020	CLACKAMAS	1 14		INTER	CROSS	N	N	CLD	ANGL-OTH	01 NONE 9	STRGHT									04
COUNTY	TU	HAPPY VALLEY	MN 0 CARVE	ER RD	CN		TRF SIGNAL	N	WET	ANGL	N/A	E -W								000	00
N	6A	PORTLAND UA	7.23 SE 13	35TH AVE	01	1		N	DLIT	PDO	PSNGR CAR		01 DRVR	NOI	NE 0	0 Unl	k UNK		000	000	00
N	45 24 37.73	-122 31 28.69	01710	.00100S00													UNK				
											02 NONE 9	STRGHT									
											N/A	N -S								000	00
											PSNGR CAR		01 DRVR	NOI	NE O	0 Unl	k UNK UNK		000	000	00
00427 N N N N N	N 02/05/2018	CLACKAMAS	1 14		INTER	CROSS	N	N	CLR	O-1 L-TURN	N 01 NONE 0	STRGHT									02,08
CITY	MO	HAPPY VALLEY	MN 0 CARVE	ER RD	CN		TRF SIGNAL	N	DRY	TURN	PRVTE	S -N								000	00
N	7P	PORTLAND UA	7.23 SE 13	35TH AVE	02	1		N	DLIT	INJ	PSNGR CAR		01 DRVR	IN	JC 2	1 F	OR-Y		000	000	00
N	45 24 37.69	-122 31 28.7	01710	00100800													OR<25				
											02 NONE 0	TURN-L									
											PRVTE	N -E								000	00
											MTRCYCLE		01 DRVR	IN	JB 6	M 0	OR-Y OR<25		028,004	000	02,08
04204 N N N N	11/24/2019	CLACKAMAS	1 14		INTER	CROSS	N	N	CLR	S-1TURN	01 NONE 9	STRGHT									08
NONE	SU	HAPPY VALLEY	MN 0 CARVE	ER RD	CN		TRF SIGNAL	N	DRY	TURN	N/A	E -W								000	00
N	3P	PORTLAND UA	7.23 SE 13	35TH AVE	02	1		N	DAY	PDO	PSNGR CAR		01 DRVR	NOI	NE 0	0 Unl	k UNK		000	000	00
N	45 24 37.69	-122 31 28.7	01710	.00100S00													UNK				
											02 NONE 9	TURN-R									
											N/A	E -N								000	00
											PSNGR CAR		01 DRVR	NOI	NE 0	0 Unl	k UNK UNK		000	000	00
02995 N N N N	10/09/2021	CLACKAMAS	1 14		INTER	CDOGG	N	NT	CT D	О_1 т штгох	N 01 NONE 0	STRGHT					01410				0.2
NO RPT	10/09/2021 SA	CLACKAMAS HAPPY VALLEY	MN 0 CARVE		CN	CROSS	N TRF SIGNAL	N N	CLR DRY	TURN	PRVTE	STRGHT E -W								000	02 00
N	9P	PORTLAND UA	7.23 SE 13		02	1		N	DLIT	INJ	PSNGR CAR	2 "	01 DRVR	NOI	VE 2	0 м	NONE		000	000	00
										-					_						
N	45 24 37.69	-122 31 28.7	01710	00100S00							0.0 17017-						OR<25				
											02 NONE 0	TURN-L W -N								000	0.0
											PRVTE PSNGR CAR	M -IV	01 DRVR	T NI.	TB 1	7 м	OR-Y		028	000	00 02
											1 DIIGI CAR		OT DIVIK	TIM	ד טי	, 11	OR-1		020	000	02

CONTINUOUS SYSTEM CRASH LISTING

CDS380 OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION Page: 65

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

144 - 147 of 169 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC	CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT	FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYE	SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LIC	IS PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNI	LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E	X RES	LOC	ERROR	ACT EVENT	CAUSE
03980 N N N N	09/26/2017	CLACKAMAS	1 14	1	INTER	CROSS	N	N	CLR	ANGL-OTH	01 NONE 0	STRGHT							082	04
NONE	TU	HAPPY VALLEY	MN 0	CARVER RD	CN		TRF SIGNAL	N	DRY	TURN	PRVTE	N -S							000	00
N	12P	PORTLAND UA	7.23	SE 135TH AVE	03	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	40	M OR-Y	7	097	000	00
N	45 24 37.69	-122 31 28.7		017100100S00												OR<2	25			
											02 NONE 0	TURN-L								
											PRVTE	M - M							000	00
											PSNGR CAR		01 DRVR	INJC	27			097	000	00
																OR<2	25			
01161 Y N N N	05/05/2021	CLACKAMAS	1 14		INTER	CROSS	N EDEL GEGNINE	N	CLR	S-OTHER	01 NONE 9	TURN-R							0.01	01
NONE	WE	HAPPY VALLEY	MIN U	CARVER RD	CN		TRF SIGNAL	N	DRY	REAR	N/A	W -S							001	00
N	10A	PORTLAND UA	7.23	SE 135TH AVE	03	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	0.0	Unk UNK		000	000	00
N	45 24 37.69	-122 31 28.7		017100100S00												UNK				
											02 NONE 9	STOP								
											N/A	W -S	0.1					0.00	013	00
											PSNGR CAR		01 DRVR	NONE	00	Unk UNK UNK		000	000	00
00530 N N N N	02/10/2020	CLACKAMAS	1 14	1	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
NONE	MO	HAPPY VALLEY	MN 0	CARVER RD	CN		TRF SIGNAL	N	DRY	REAR	PRVTE	M -E							000	00
N	10A	PORTLAND UA	7.23	SE 135TH AVE	06	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	72	F OTH-	-Y	026	000	29
N	45 24 37.69	-122 31 28.71		017100100S00												N-RI	S			
											02 NONE 0	STOP								
											PRVTE	W -E							011	00
											PSNGR CAR		01 DRVR	INJC	63	M OR-Y		000	000	00
04191 N N N N N	N 11/23/2019	CLACKAMAS	1 14	1	CURVE		Y	N	CLR	S-STRGHT	01 NONE	STRGHT							013	13
COUNTY	SA	HAPPY VALLEY	MN 0	CARVER RD	E	(NONE)	TRF SIGNAL	N	DRY	SS-O	PRVTE	E - W							000	00
N	10A	PORTLAND UA	7.25	SE 135TH AVE	05			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	25	M OTH-	-Ү	045	000	13
N	45 24 37.8	-122 31 27.64		017100100S00		(05)										OR<2	25			
											02 NONE	STRGHT								
											PRVTE	E - W							000 013	00
											PSNGR CAR		01 DRVR	INJC	35	F OR-Y OR<2		000	000	00
											03 NONE	STOP								
											PRVTE	E -W							022	00
											PSNGR CAR		01 DRVR	NONE	39	F OR-Y		000	022	00
											03 NONE	STOP								
											PRVTE	E -W							022	00
											PSNGR CAR		02 PSNG	INJC	16	F		000	022	00

CONTINUOUS SYSTEM CRASH LISTING

CDS380 OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

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CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

148 - 151 of 169 Crash records shown.

SER# P R J S V	W DATE	COUNTY	RD# FC	CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U I C	O DAY	CITY	COMPNT	FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				A	3				
RD DPT E L G N H I	R TIME	URBAN AREA	MLG TYP	SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	IN	IJ	G I	E LICNS	PED			
UNLOC? D C S V L I	K LAT	LONG	MILEPNT	LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	то	P# TYPE	SV	RTY	E :	K RES	LOC	ERROR	ACT EVENT	CAUSE
04334 N N N N N I	N 12/03/2019	CLACKAMAS	1 14		STRGHT		Y	N	CLD	S-1STOP	01 NONE 0	STRGHT									27
COUNTY	TU	HAPPY VALLEY	MN 0	CARVER RD	E	(NONE)	NONE	N	DRY	REAR	PRVTE	E -W								000	00
N	3P	PORTLAND UA	7.25	SE 135TH AVE	06			N	DAY	INJ	PSNGR CAR		01 DRVR	NO	NE .	19 M	OR-Y		016	038	27
N	45 24 37.88	-122 31 26.53		017100100S00		(04)											OR<25				
											02 NONE 0	STOP									
											PUBLC	E -W								011	00
											PSNGR CAR		01 DRVR	IN	IJC .	56 M			000	000	00
																	OR<25				
01727 N N N N N I		CLACKAMAS	1 14		STRGHT		Y	N	CLR	S-STRGHT	01 NONE 0	STRGHT									13,02,08
STATE	MO	HAPPY VALLEY	MN 0	CARVER RD	E	(NONE)	NONE	N	DRY	SS-O	PRVTE	W -E								000	00
N	1P	PORTLAND UA	7.26	SE 135TH AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NO	NE	29 M	OR-Y		045,028	000	13,02
N	45 24 37.81	-122 31 27.4		017100100S00		(04)											OR<25				
											01 NONE 0	STRGHT									
											PRVTE	W -E	00 5070		0	06 -			000	000	00
											PSNGR CAR		02 PSNG	ΙN	IJC .	26 F			000	000	00
											02 NONE 0	STRGHT									
											PRVTE	M -E								000	00
											PSNGR CAR		01 DRVR	IN	IJC ·	44 M	OR-Y OR<25		007	000	08
											02 NONE 0	STRGHT									
											PRVTE	W -E								000	00
											PSNGR CAR		02 PSNG	IN	IJC ·	44 F			000	000	00
01787 N N N N	05/25/2018	CLACKAMAS	1 14		STRGHT		N	N	CLR	S-1STOP	01 NONE 9	STRGHT									29
NONE	FR	HAPPY VALLEY	MN 0	CARVER RD	E	(NONE)	TRF SIGNAL	N	DRY	REAR	N/A	E -W								000	00
N	7A	PORTLAND UA	7.26	SE 135TH AVE	05			N	DAY	PDO	PSNGR CAR		01 DRVR	NO	NE	00 U1	ık UNK		000	000	00
N	4F 04 37 01	100 01 07 4		017100100000		(05)											TINTE				
N	45 24 37.81	-122 31 27.4		017100100S00		(05)					02 NONE 9	STOP					UNK				
											N/A	E -W								011	00
											PSNGR CAR		01 DRVR	NO	NE	00 Uı	ık UNK		000	000	00
																	UNK				
02914 N N N N N I	N 10/01/2021	CLACKAMAS	1 14		STRGHT		Y	N	CLR	S-1STOP	01 NONE 9	STRGHT									10
STATE	FR	HAPPY VALLEY		CARVER RD	E	(NONE)	L-TURN REF	N	DRY	REAR	N/A	E -W								000	00
N	8A	PORTLAND UA	7.26	SE 135TH AVE	05			N	DAY	PDO	PSNGR CAR		01 DRVR	NO	NE	00 U1	nk UNK		000	000	00
N		-122 31 27.39		017100100s00		(05)											UNK				
<u>-</u> ,	15 21 57.02	100 01 21.09		01/100100000		(00)					02 NONE 9	STOP					OTAL				
											N/A	E -W								011	00
											PSNGR CAR		01 DRVR	NO	NE	00 U1	nk UNK		000	000	00
																	UNK				

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

152 - 155 of 169 Crash records shown.

S D M																					
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE											
INVEST E A U I C		CITY	COMPNT FIRST STREET	DIRECT		INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				A S	3					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ		G I	E LICN	S PE	ED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVR			K RES	LC		ERROR	ACT EVENT	CAUSE
03581 N N N N	10/14/2019	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-STRGHT	01 NONE 9	STRGHT										13
NONE	MO	HAPPY VALLEY	MN 0 CARVER RD	E	(NONE)	NONE	N	DRY	SS-0	N/A	E -W									000	00
N	6A	PORTLAND UA	7.26 SE 135TH AVE	06			N	DAWN	PDO	PSNGR CAR		01 DRVR	NON	E 0	0 Ur	ık UNK			000	000	00
N	45 24 37.82	-122 31 27.4	017100100S00		(04)											UNK					
										02 NONE 9	STRGHT										
										N/A	E -W									000	00
										PSNGR CAR		01 DRVR	NON	E 0	0 Ur	ık UNK			000	000	00
																UNK					
01784 N N N N N	N 06/29/2021	CLACKAMAS	1 14	STRGHT		Y	N	CLR	S-1STOP	01 NONE 9	STRGHT									028,02	3 24
COUNTY	TU	HAPPY VALLEY	MN 0 CARVER RD	E	(NONE)	TRF SIGNAL	N	DRY	SS-0	N/A	E -W									000	00
N	11A	PORTLAND UA	7.27 SE 135TH AVE	03			N	DAY	PDO	SEMI TOW		01 DRVR	NON	Ξ 0	0 Ur	ık UNK			000	000	00
N	45 24 37.87	-122 31 26.51	017100100S00		(04)											UNK					
										02 NONE 9	STOP										
										N/A	E - W									011	00
										PSNGR CAR		01 DRVR	NON	E 0	0 Ur				000	000	00
																UNK					
03638 N N N N	11/27/2021	CLACKAMAS	1 14	STRGHT	(Υ	N	CLD	S-1STOP	01 NONE 9	STRGHT										10
NONE	SA	HAPPY VALLEY	MN 0 CARVER RD	E	(NONE)	UNKNOWN	N	WET	REAR	N/A	E -W									000	00
N	12P	PORTLAND UA	7.27 SE 135TH AVE	05			N	DAY	PDO	PSNGR CAR		01 DRVR	NON	€ 0	0 Ur	ık UNK			000	000	00
N	45 24 37.87	-122 31 26.52	017100100800		(04)											UNK					
										02 NONE 9	STOP										
										N/A	E -W									011	00
										PSNGR CAR		01 DRVR	NON:	€ 0	0 Ur				000	000	00
																UNK					
03261 N N N N N		CLACKAMAS	1 14	STRGHT		N	N	CLR	S-STRGHT	01 NONE 0	STRGHT										10
COUNTY	WE	HAPPY VALLEY	MN 0 CARVER RD	SW	(NONE)	NONE	N	DRY	SS-0	PRVTE	E -W									000	00
Y	4P	PORTLAND UA	7.27 SE 135TH AVE	06			N	DAY	INJ	PSNGR CAR		01 DRVR	INJ	3 1	9 M	OR-Y	-		080	000	10
N	45 24 37.87	-122 31 26.51	017100100800		(04)											OR<2	5				
										01 NONE 0	STRGHT										
										PRVTE	E -W									000	00
										PSNGR CAR		02 PSNG	INJ	2 1	7 M				000	000	00
										02 NONE 0	STRGHT										
										PRVTE	E -W									000	00
										PSNGR CAR		01 DRVR	INJ	2 4	5 M	OR-Y			000	000	00
																OR<2	5				
										03 NONE 0	STRGHT										
										PRVTE	E -W	01			o	0-			000	000	00
										PSNGR CAR		01 DRVR	NON:	≝ 5	U M				000	000	00
																OR<2	ن				

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

156 - 159 of 169 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E	LICNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	то	P# TYPE	SVRT	Y E	X	RES	LOC	ERROR	ACT EVENT	CAUSE
01925 N N N N	07/23/2020	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT									29
NONE	TH	HAPPY VALLEY	MN 0 CARVER RD	E	(NONE)	NONE	N	DRY	REAR	PRVTE	W -E								000	00
N	4P	PORTLAND UA	7.28 SE 135TH AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	44	М	OR-Y		026	000	29
N	45 24 37.93	-122 31 25.46	017100100s00		(04)											OR<25				
										02 NONE 0	STOP									
										RENTL	W -E								011	00
										PSNGR CAR		01 DRVR	INJO	! 58	F	OR-Y OR<25		000	000	00
										02 NONE 0	STOP									
										RENTL	W -E	00							011	00
										PSNGR CAR		02 PSNG	INJI	8 65	М			000	000	00
01086 N N N N	03/10/2020	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-STRGHT	01 NONE 0	STRGHT									13
NO RPT	TU	HAPPY VALLEY	MN 0 CARVER RD	E	(NONE)	NONE	N	DRY	SS-O	PRVTE	W -E								000	00
N	10P	PORTLAND UA	7.29 SE 135TH AVE	03			N	DLIT	INJ	PSNGR CAR		01 DRVR	NONE	22	F	OR-Y		045	000	13
N	45 24 37.93	-122 31 24.42	017100100800		(04)											OR<25				
										02 NONE 0	STRGHT									
										PRVTE	W -E								000	00
										PSNGR CAR		01 DRVR	INJO	41	F	OR-Y OR<25		000	000	00
01002 N N N N N	N 03/28/2019	CLACKAMAS	1 14	ALLEY		N	N	CLR	ANGL-OTH	01 NONE 0	STRGHT									02
COUNTY	TH	HAPPY VALLEY	MN 0 CARVER RD	E	(NONE)	NONE	N	DRY	TURN	PRVTE	E -W								000	00
N	5P	PORTLAND UA	7.31 SE 135TH AVE	05			N	DAY	INJ	PSNGR CAR		01 DRVR	INJE	3 27	M	OR-Y		000	000	00
N	45 24 37.85	-122 31 22.37	017100100800		(04)											OR<25				
										02 NONE 0	TURN-L									
										PRVTE	N -E								018	00
										PSNGR CAR		01 DRVR	NONE	36	М	OR-Y OR<25		028	000	02
00543 N N N N	02/15/2019	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 9	STRGHT									29
NONE	FR	HAPPY VALLEY	MN 0 CARVER RD	E	(NONE)	NONE	N	DRY	REAR	N/A	E -W								000	00
N	7P	PORTLAND UA	7.32 SE 135TH AVE	00			N	DLIT	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk	UNK		000	000	00
N	45 24 37.8	-122 31 21.6	017100100800		(04)											UNK				
										02 NONE 9	STOP									
										N/A	E -W								011	00
										PSNGR CAR		01 DRVR	NONE	00	Unk	UNK UNK		000	000	00
02745 N N N N	08/07/2018	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT									29
NONE	TU	HAPPY VALLEY	MN 0 CARVER RD	E	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	W -E								000	00
N	5P	PORTLAND UA	7.32 SE 135TH AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	INJO	30	F	OR-Y		026	000	29
N	45 24 37.79	-122 31 21.61	017100100800		(04)											OR<25				

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

160 - 164 of 169 Crash records shown.

S D M																			
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A S	5				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G I	E LICNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E 2	K RES	LOC	ERROR	ACT EVENT	CAUSE
										02 NONE 0 PRVTE	STOP W -E							011	00
										PSNGR CAR	,, 2	01 DRVR	INJC	50 M	OR-Y		000	000	00
															OR<25				
03443 N N N N N	N 09/26/2018	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT								07
COUNTY	WE	HAPPY VALLEY	MN 0 CARVER RD	E	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	M -E							000	00
N	7A	PORTLAND UA	7.32 SE 135TH AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	73 F	OR-Y		043	000	07
N	45 24 37.8	-122 31 21.6	017100100800		(04)										OR<25				
IN	45 24 37.0	-122 31 21.0	01/100100500		(04)					02 NONE 0	STOP				UR<25				
										PRVTE	W -E							011	00
										PSNGR CAR		01 DRVR	NONE	51 M	OTH-Y		000	000	00
															OR<25				
										02 NONE 0	STOP								
										PRVTE	W -E	0.0 5.017.0		45 34			0.00	011	00
										PSNGR CAR		02 PSNG	INJC	47 M			000	000	00
01084 N N N N	04/26/2021	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-STRGHT	01 NONE 0	STRGHT								13
NONE	MO	HAPPY VALLEY	MN 0 CARVER RD	E	(NONE)	NONE	N	DRY	SS-0	PRVTE	M -E							000	00
N	5A	PORTLAND UA	7.32 SE 135TH AVE	04			N	DAWN	INJ	PSNGR CAR		01 DRVR	NONE	63 M	OR-Y		045	000	13
N	45 24 37.78	-122 31 21.63	017100100800		(04)										OR<25				
										02 NONE 0	STRGHT								
										PRVTE	M - E							000	00
										PSNGR CAR		01 DRVR	INJC	46 M			000	000	00
															OR>25				
	N 10/11/2021	CLACKAMAS	1 14	ALLEY	(NONE)	N	N N	CLR	ANGL-OTH	01 NONE 0	STRGHT							000	02,50 00
COUNTY	МО	HAPPY VALLEY	MN 0 CARVER RD	E	(NONE)	L-TURN REF	IN	DRY	TURN	PRVTE	E -W							000	00
N	4P	PORTLAND UA	7.32 SE 135TH AVE	08			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	72 M	OR-Y		028,044	000	02,50
N	45 24 37.79	-122 31 21.59	017100100800		(05)										OR<25				
										02 NONE 0	TURN-L								
										PRVTE	N -E							018	00
										PSNGR CAR		01 DRVR	INJC	30 F	OR-Y OR<25		000	000	00
04737 N N N N	12/30/2019	CLACKAMAS	1 14	ALLEY		N	N	CLR	ANGL-OTH	01 NONE 0	TURN-R				01(12)				08
NO RPT	MO	HAPPY VALLEY	MN 0 CARVER RD	E	(NONE)	UNKNOWN	N	DRY	TURN	PRVTE	W -S							019	00
N	3P	PORTLAND UA	7.33 SE 135TH AVE	01			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	79 M	OR-Y		001	000	08
N		-122 31 20.82	017100100800		(04)										OR<25				
41	15 21 57.70	122 31 20.02	01,100100500		(01)					02 NONE 0	TURN-L				01(~25				
										PRVTE	s -W							018	00
										PSNGR CAR		01 DRVR	INJC	62 F	OR-Y		000	000	00
															OR<25				

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 6.56 to 7.39 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

165 - 169 of 169 Crash records shown.

S D M																					
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE											
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				A	3					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INC	J	G :	E LICN	S PED				
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	ТО	P# TYPE	SVI	RTY	E :	K RES	LOC	ERRO	R ACT	EVENT	CAUSE
00970 N N N N	03/18/2018	CLACKAMAS	1 14	ALLEY		N	N	CLR	ANGL-OTH	01 NONE 0	TURN-L										02
NONE	SU	HAPPY VALLEY	MN 0 CARVER RD	E	(NONE)	UNKNOWN	N	DRY	TURN	PRVTE	S -W								018		00
N	10A	PORTLAND UA	7.33 SE 135TH AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NOI	NE 7	71 M	OR-Y		028	000		02
N	45 24 37.78	-122 31 20.85	017100100S00		(04)											OR<2	5				
										01 NONE 0 PRVTE	TURN-L S -W								018		0.0
										PSNGR CAR	S -W	02 PSNG	NOI	JF: ()1 F			000	000		00
										1 DIVOIT OF INC		02 15110	2.02		,				000		
										02 NONE 0	STRGHT										
										PRVTE	M -E								000		00
										PSNGR CAR		01 DRVR	IN	JC 2	22 F			000	000		00
																OR<2	-				
01665 N N N N N STATE	N 05/16/2018 WE	CLACKAMAS HAPPY VALLEY	1 14 MN 0 CARVER RD	ALLEY E	(NONE)	N UNKNOWN	N N	CLR DRY	O-1 L-TUR TURN	N 01 NONE 0 PRVTE	TURN-L E -S								019		27,02 00
SIAIE	WE	HAPPI VALLEI	MIN U CARVER RD	E	(NONE)	OIKNOWN	IN	DKI	IOKN	PRVIE	E -3								019		00
N	4P	PORTLAND UA	7.33 SE 135TH AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NOI	NE 8	36 M			028	000		27,02
N	45 24 37.76	-122 31 20.82	017100100S00		(04)					02 NONE 0	STRGHT					OR<2	Ō				
										PRVTE	W -E								000		00
										PSNGR CAR	2	01 DRVR	INC	JC 6	52 M	OR-Y		000	000		00
																OR<2	5				
03918 N N N N N	N 11/10/2019	CLACKAMAS	1 14	ALLEY		N	N	CLD	0-1 L-TUR	N 01 NONE 9	STRGHT										02,08
COUNTY	SU	HAPPY VALLEY	MN 0 CARVER RD	E	(NONE)	NONE	N	WET	TURN	N/A	M - E								000		00
N	10A	PORTLAND UA	7.33 SE 135TH AVE	03			N	DAY	PDO	PSNGR CAR		01 DRVR	NOI	NE () 0 Ur	nk UNK		000	000		00
N	45 24 37.77	-122 31 20.84	017100100S00		(04)											UNK					
										02 NONE 9	TURN-L										
										N/A	E -S	01 DDIM	1701	TT (\ O = ##-	. 1		000	019		00
										PSNGR CAR		01 DRVR	NOI	NE (JU UI	IK UNK UNK		000	000		00
00414 N. N. N. N.	02/03/2018	CI A CIZAMA C	1 14	7.7.7.77		NT.	NT.	OI D	ANIOI OMII	01 NONE 9	millon I					ONIC					02
00414 NNNN NO RPT	02/03/2018 SA	CLACKAMAS HAPPY VALLEY	1 14 MN 0 CARVER RD	ALLEY E	(NONE)	N UNKNOWN	N N	CLR DRY	TURN		TURN-L S -W								018		00
					(IVOIVE)	OMICIONIA	11				5 "										
N	10A	PORTLAND UA	7.33 SE 135TH AVE	05	(04)		N	DAY	PDO	PSNGR CAR		01 DRVR	NOI	NE ()0 U1			000	000		00
N	45 24 37.78	-122 31 20.84	017100100S00		(04)					02 NONE 9	STRGHT					UNK					
										N/A	E -W								000		00
										SEMI TOW		01 DRVR	NOI	NE (0 U1	nk UNK		000	000		00
																UNK					
02535 N N N N	08/30/2021	CLACKAMAS	1 14	GRADE		N	Y	CLD	FIX OBJ	01 NONE 9	STRGHT									128,04 ,053	3 16
STATE	MO	HAPPY VALLEY	MN 0 SE CARVER RD	W	(NONE)	UNKNOWN	N	DRY	FIX	N/A	E -W								000		00
Y	1P	PORTLAND UA	7.35 SE 142ND AVE	08			N	DAY	PDO	PSNGR CAR		01 DRVR	NOI	NE () 0 U1	nk UNK		000	000		00
N	45 24 37.63	-122 31 19.28	017100100S00		(04)											UNK					

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CONTINUOUS SYSTEM CRASH LISTING

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CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

1-5 of 139 Crash records shown.

S D M																						
SER# P R J S	W DATE	COUNTY	RD# FC	CONN#	RD CHAR	INT-TYPE					SPCL USE											
INVEST E A U I C	O DAY	CITY	COMPNT	FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				A :	3					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP	SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	IN	J	G I	E LICNS	S PED)			
UNLOC? D C S V L	K LAT	LONG	MILEPNT	LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SV	RTY	E 2	K RES	LOC	ER.	ROR	ACT EVENT	CAUSE
03809 N N N N	10/21/2018	CLACKAMAS	1 14		STRGHT		N	N	CLR	S-STRGHT	01 NONE 0	STRGHT										29
NO RPT	SU	HAPPY VALLEY	MN 0	CARVER RD	E	(NONE)	UNKNOWN	N	DRY	SS-O	PRVTE	W -E									000	00
N	10P	PORTLAND UA	7.40	SE 135TH AVE	03			N	DARK	INJ	PSNGR CAR		01 DRVR	NO	NE :	26 F	OR-Y		04	2	000	29
N	45 24 37.27	-122 31 15.42		017100100S00		(04)											OR<25	5				
											02 NONE 0	STRGHT									0.00	00
											PRVTE PSNGR CAR	W -E	01 DRVR	T NI.	יר י	ч 0.9	OR-Y		00	10	000	00
											151.611 6111		01 211111			-0 -	OR<25					
03144 N N N N N	N 10/20/2021	CLACKAMAS	1 14		STRGHT		N	Y	RAIN	FIX OBJ	01 NONE 9	STRGHT									079,01	0 32
COUNTY	WE	HAPPY VALLEY	MN 0	CARVER RD	E	(NONE)	UNKNOWN	N	WET	FIX	N/A	E -W									000	00
Y	12A	PORTLAND UA	7.43	SE 135TH AVE	08			N	DARK	PDO	PSNGR CAR		01 DRVR	NO	NE (00 Ur	ık UNK		00	10	000	00
N	45 24 37.05	-122 31 13.13		017100100S00		(04)											UNK					
00410 N N N N	01/22/2018	CLACKAMAS	1 14		STRGHT		N	N	UNK	S-STRGHT	01 NONE 9	STRGHT										10
NONE	MO	HAPPY VALLEY	MN 0	SE CARVER RD	W	(NONE)	UNKNOWN	N	WET	SS-0	N/A	E -W									000	00
N	7P	PORTLAND UA	7.44	SE 142ND AVE	06			N	DARK	PDO	PSNGR CAR		01 DRVR	NO	NE (00 Ur	ık UNK		00	0	000	00
N	45 24 37	-122 31 12.36		017100100s00		(04)											UNK					
											02 NONE 9	STRGHT										
											N/A	E -W	0.1 DDITE	170) O TT-	1- 17777		0.0	.0	000	00
											PSNGR CAR		01 DRVR	NOI	NE (10 OI	UNK		00	10	000	00
02887 N N N N N	N 09/30/2021	CLACKAMAS	1 14		STRGHT		Y	N	CLR	S-1STOP	01 NONE 0	STRGHT									013	29,27
STATE	TH	HAPPY VALLEY		SE CARVER RD	UN	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	E -W									006	00
N	5P	PORTLAND UA		SE 142ND AVE	07			N	DAY	INJ	PSNGR CAR		01 DRVR	NO	NE :	L6 F			02	6,016	000	29,27
N	45 24 36.83	-122 31 10.8		017100100S00		(04)					02 NONE 0	STOP					OR<25	0				
											PRVTE	E -W									011 013	00
											PSNGR CAR		01 DRVR	IN	јв :	L7 F	OR-Y OR<25		00	10	000	00
											03 NONE 0	STOP										
											PRVTE	E -W									022	00
											PSNGR CAR		01 DRVR	IN	JC :	32 F	OR-Y OR<25		00	0	000	00
04571 N N N N	12/12/2018	CLACKAMAS	1 14		STRGHT		N	N	CLD	S-STRGHT	01 NONE 9	STRGHT										29
NONE	WE	HAPPY VALLEY		SE CARVER RD	W	(NONE)	NONE	N	DRY	REAR	N/A	W -E									000	00
N	4P	PORTLAND UA	7.46	SE 142ND AVE	03			N	DUSK	PDO	PSNGR CAR		01 DRVR	NO	NE (00 Ur	nk UNK		00	0	000	00
N	45 24 36.83	-122 31 10.79		017100100S00		(04)											UNK					
											02 NONE 9	STRGHT										
											N/A	W -E	01				1				000	00
											PSNGR CAR		01 DRVR	NOI	NE (UU Ur	ık UNK UNK		00	IU	000	00

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

6-9 of 139 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE	<u>c</u>				SPCL USE										
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)) INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				A	S				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ		G	E LICNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)) CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVR	ΓY	E	X RES	LOC	ERROR	ACT EVENT	CAUSE
04178 N N N N	11/22/2019	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-STRGHT	01 NONE 9	STRGHT									13
NONE	FR	HAPPY VALLEY	MN 0 SE CARVER RD	M	(NONE)	NONE	N	DRY	SS-O	N/A	E -W								000	00
N	5P	PORTLAND UA	7.47 SE 142ND AVE	06			N	DARK	PDO	PSNGR CAR		01 DRVR	NON	E 0	0 U:	nk UNK		000	000	00
N	45 24 36.76	-122 31 10.04	017100100800		(04)											UNK				
										02 NONE 9	STRGHT									
										N/A	E -W								000	00
										PSNGR CAR		01 DRVR	NON	E 0	0 U:			000	000	00
																UNK				
00770 N N N N	03/05/2019	CLACKAMAS	1 14	STRGHT	(MONE)	N	N	CLR	S-1STOP	01 NONE 0	STRGHT								000	29
NONE	TU	HAPPY VALLEY	MN 0 SE CARVER RD	W	(NONE)	NONE	N	DRY	REAR	PRVTE	W -E								000	00
N	4P	PORTLAND UA	7.48 SE 142ND AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NON	E 2	3 M	OR-Y		026	000	29
N	45 24 36.7	-122 31 9.28	017100100800		(04)											OR<25				
										02 NONE 0	STOP									
										PRVTE	W -E								011	00
										PSNGR CAR		01 DRVR	INJ	C 5	6 F	OR-Y OR<25		000	000	00
03812 N N N N	10/30/2019	OT A OKAMA O	1 14	CMD CLIM		NT.	NT.	OI D	a ampaim	01 NONE 0	OMD GUM					ORVES				13
NO RPT	WE	CLACKAMAS HAPPY VALLEY	1 14 MN 0 SE CARVER RD	STRGHT W	(NONE)	N NONE	N N	CLR DRY	S-STRGHT SS-O	01 NONE 9 N/A	STRGHT W -E								000	00
N	6P	PORTLAND UA	7.48 SE 142ND AVE	04	, - ,		N	DUSK	PDO	PSNGR CAR		01 DRVR	NIONII	г О	Ο ττ-	nle IINIZ		000	000	00
IN	6P	PORTLAND UA	7.40 SE 142ND AVE	04			IN	DUSK	PDO	PSNGR CAR		UI DRVR	NON	E U	0 0.	IIK UNK		000	000	00
N	45 24 36.68	-122 31 9.28	017100100S00		(04)											UNK				
										02 NONE 9	STRGHT									
										N/A	M -E	01 00770	NIONII	г O	О тт-	nle IINIV		000	000	00
										PSNGR CAR		01 DRVR	NOM	E U	0 0.	UNK		000	000	00
03018 N N N N N	N 10/11/2021	CLACKAMAS	1 14	STRGHT		N	N	CLD	S-1STOP	01 NONE 0	STRGHT								013	07,29,27
COUNTY	MO	HAPPY VALLEY	MN 0 SE CARVER RD	M	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	E -W								000	00
N	9A	PORTLAND UA	7.50 SE 142ND AVE	07			N	DAY	INJ	PSNGR CAR		01 DRVR	NON	E 3	8 M	OR-Y		043,026,016	5 000	07,29,27
N	45 24 36.53	-122 31 7.72	017100100S00		(04)											OR>25				
					, ,					02 NONE 0	STOP									
										PRVTE	E -W								011 013	00
										PSNGR CAR		01 DRVR	INJ	в 4	2 F			000	000	00
										03 NONE 0	STOP					OR<25				
										PRVTE	E -W								022	00
										PSNGR CAR		01 DRVR	INJ	в 5	6 F	OR-Y		000	000	00
																OR<25				
02690 N N N N N	N 08/07/2019	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT									07,29
STATE	WE	HAPPY VALLEY	MN 0 SE CARVER RD	W	(NONE)	NONE	N	DRY	REAR	PRVTE	M -E								000	00
N	5P	PORTLAND UA	7.53 SE 142ND AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	INJ	в 3	7 F	OR-Y		043,026	000	07,29
N	45 24 36.45	-122 31 5.39	017100100s00		(04)											OR<25				

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

10 - 14 of 139 Crash records shown.

S	D M																				
	RJSV	V DATE	COUNTY	RD# FC	CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E	AUICO	DAY	CITY	COMPNT	FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S				
RD DPT E	LGNHF	R TIME	URBAN AREA	MLG TYP	SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS	PED			
UNLOC? D	CSVL	LAT	LONG	MILEPNT	LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	Е	X RES	LOC	ERROR	ACT EVENT	CAUSE
												02 NONE 0	STOP							0.1.1	0.0
												PRVTE PSNGR CAR	W -E	01 DRVR	TNTC	27 M	_ ∩P_V		000	011 000	00
												FSNGR CAR		OI DRVR	INOC	Z / 11	OR<2!	;	000	000	00
01169 N	N N N	04/06/2018	CLACKAMAS	1 14	ŀ	STRGHT		N	N	CLR	S-1STOP	01 NONE 9	STRGHT								29
NONE		FR	HAPPY VALLEY	MN 0	SE CARVER RD	W	(NONE)	UNKNOWN	N	DRY	REAR	N/A	W -E							000	00
N		11A	PORTLAND UA	7.53	SE 142ND AVE	04			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 U	nk UNK		000	000	00
N		45 24 36.44	-122 31 5.39		017100100s00		(04)										UNK				
		10 21 30.11	122 31 3.33		01/10010000		(32)					02 NONE 9	STOP				02112				
												N/A	W -E							011	00
												PSNGR CAR		01 DRVR	NONE	00 U	-		000	000	00
00710	NT NT NT	08/03/2018	CT ACKANA C	7 74		STRGHT		N	NT.	OI D	a ampaire	O1 NONE O	CITID CITIES				UNK				1.2
02710 N NONE	IN IN IN	08/03/2018 FR	CLACKAMAS HAPPY VALLEY	1 14 MN 0	SE CARVER RD	SIRGHI W	(NONE)	N NONE	N N	CLR DRY	S-STRGHT SS-O	01 NONE 9 N/A	STRGHT W -E							000	13 00
							(=====,														
N		3P	PORTLAND UA	7.53	SE 142ND AVE	04			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 U	nk UNK		000	000	00
N		45 24 36.45	-122 31 5.38		017100100S00		(04)										UNK				
												02 NONE 9	STRGHT								
												N/A PSNGR CAR	W -E	01 DDIM	NONE	00 11	1		0.00	000	00
												PSNGR CAR		01 DRVR	NONE	00 0	UNK		000	000	00
02978 N	N N N	08/28/2019	CLACKAMAS	1 14	Į.	STRGHT	1	N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
NONE		WE	HAPPY VALLEY	MN 0	SE CARVER RD	W	(NONE)	NONE	N	DRY	REAR	PRVTE	W -E							000	00
N		4 P	PORTLAND UA	7.55	SE 142ND AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	40 M	OR-Y		026	000	29
N		45 24 36.45	-122 31 4.17		017100100S00		(04)										OR<2!	;			
												02 NONE 0	STOP								
												PRVTE	W - E							011	00
												PSNGR CAR		01 DRVR	INJC	61 M	OR-Y	i	000	000	00
04389 N	N N N N	1 10/21/2017	CLACKAMAS	1 14	ł	INTER	CROSS	N	N	CLD	S-1STOP	01 NONE 0	STRGHT							013	16,04,29
COUNTY		SA	HAPPY VALLEY	MN 0	SE CARVER RD	E		TRF SIGNAL	N	DRY	REAR	PRVTE	E -W							000	00
N		7A	PORTLAND UA	7.57	SE 142ND AVE	06	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	19 M	OR-Y		052,026,02	0 025	16,04,29
N		45 24 36.44	-122 31 3.3		017100100S00												OR<2!	i			
												01 NONE 0	STRGHT								
												PRVTE	E -W	00 David	TATE	17 5			0.00	000	00
												PSNGR CAR		02 PSNG	INJB	1/ F			000	000	00
												02 NONE 0	STOP								
												PRVTE	E -W							011 013	00
												PSNGR CAR		01 DRVR	INJB	50 F	OR-Y	i	000	000	00
												03 NONE 0	STOP								
												PRVTE	E -W	01	NTC:	24			000	022	00
												PSNGR CAR		01 DRVR	NONE	34 M	OR-Y OR<2!	i	000	000	00
																	01(~2)	•			

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

15 - 18 of 139 Crash records shown.

S D M																			
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE	:				SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			i	A S				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	. (G E	LICNS PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVR	TY I	E X	RES LOC	ERROR	ACT EVENT	CAUSE
05708 N N N N	12/23/2017	CLACKAMAS	1 14	INTER	CROSS	N	N	RAIN	S-1STOP	01 NONE 0	STRGHT								29
NONE	SA	HAPPY VALLEY	MN 0 SE CARVER RD	E		TRF SIGNAL	N	WET	REAR	PRVTE	E -W							000	00
N	8A	PORTLAND UA	7.57 SE 142ND AVE	06	0		N	DAY	INJ	PSNGR CAR		01 DRVR	NON	E 34	4 F	OR-Y	026	000	29
N	45 24 36.44	-122 31 3.3	017100100s00													OR<25			
										01 NONE 0	STRGHT								
										PRVTE	E -W	0.0						000	00
										PSNGR CAR		02 PSNG	NO<	5 0.	1 F		000	000	00
										02 NONE 0	STOP								
										PRVTE	E -W							011	00
										PSNGR CAR		01 DRVR	INJ	C 30	0 F	OR-Y	000	000	00
																OR<25			
										02 NONE 0	STOP								
										PRVTE	E -W							011	00
										PSNGR CAR		02 PSNG	NO<	5 0.	L M		000	000	00
01909 N N N N	05/16/2017	CLACKAMAS	1 14	INTER	CROSS	N	N	RAIN	S-1STOP	01 NONE 9	STRGHT								29
NONE	TU	HAPPY VALLEY	MN 0 SE CARVER RD	E		TRF SIGNAL	N	WET	REAR	N/A	E -W							000	00
N	9A	PORTLAND UA	7.57 SE 142ND AVE	06	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NON	E 00	0 Unl	k UNK	000	000	00
N	45 24 36.44	-122 31 3.3	017100100800													UNK			
										02 NONE 9	STOP								
										N/A	E -W							011	00
										PSNGR CAR		01 DRVR	NON	E 00	0 Unl	k UNK UNK	000	000	00
01436 N N N N N	N 06/01/2020	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29,32
COUNTY	MO	HAPPY VALLEY	MN 0 SE CARVER RD	E		TRF SIGNAL	N	DRY	REAR	PRVTE	E -W							000	00
N	10P	PORTLAND UA	7.57 SE 142ND AVE	06	0		N	DARK	INJ	PSNGR CAR		01 DRVR	INJ	C 5	5 M	OR-Y	026,052	000	29,32
N	45 24 36.46	-122 31 3.3	017100100s00													OR<25			
										02 NONE 0	STOP								
										PRVTE	E -W							011	00
										PSNGR CAR		01 DRVR	INJ	C 2	7 M	OTH-Y N-RES	000	000	00
00034 N N N N	01/03/2020	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT							013	29
NONE	FR	HAPPY VALLEY	MN 0 SE CARVER RD	W		TRF SIGNAL	N	DRY	REAR	PRVTE	M -E							000	00
N	2P	PORTLAND UA	7.57 SE 142ND AVE	06	0		N	DAY	INJ	PSNGR CAR		01 DRVR	NON	E 41	1 M	OR-Y	026	000	29
N	45 24 36.46	-122 31 3.31	017100100800													OR<25			
										02 NONE 0	STOP								
										PRVTE	W -E							011 013	00
										PSNGR CAR		01 DRVR	NON	E 28	8 M	OR-Y OR<25	000	000	00
										03 NONE 0	STOP								
										PRVTE	W -E				•			022	00
										PSNGR CAR		01 DRVR	INJ	C 19	9 F		000	000	00
																OR<25			

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

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CONTINUOUS SYSTEM CRASH LISTING

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CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

19 - 22 of 139 Crash records shown.

:	S D M																				
	P RJS	W DATE	COUNTY	RD# FC CONN#		RD CHAR	INT-TYPE					SPCL USE									
INVEST	EAUIC	O DAY	CITY	COMPNT FIRST	STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A S	5				
RD DPT	ELGNH	R TIME	URBAN AREA	MLG TYP SECOND	STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G I	E LICNS	PED			
UNLOC?	DCSVL	K LAT	LONG	MILEPNT LRS			(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E	K RES	LOC	ERROR	ACT EVENT	CAUSE
02204 I	N N N N	08/03/2020 MO	CLACKAMAS HAPPY VALLEY	1 14 MN 0 SE CAR	AES BD	INTER W	CROSS	N TRF SIGNAL	N N	CLR DRY	S-1STOP REAR	01 NONE 0 PRVTE	STRGHT W -E							000	29 00
N		1P	PORTLAND UA	7.57 SE 142		06	1	THE DIGHTE	N	DAY	INJ	PSNGR CAR	2	01 DRVR	NONE	41 F	OR-V		026	000	29
						00	1		IN	DAI	INO	FSNGIC CAIC		OI DRVR	NONE	41 1	OR<25		020	000	2)
N		45 24 36.45	-122 31 3.32	017100	100500							02 NONE 0	STOP				UK<25				
												PRVTE	W -E							011	00
												PSNGR CAR		01 DRVR	INJC	38 F	OR-Y		000	000	00
																	OR<25				
	N N N N N .	N 09/29/2020	CLACKAMAS	1 14		INTER	CROSS	N	N	CLR	O-STRGHT	01 NONE 0	STRGHT								05
STATE		TU	HAPPY VALLEY	MN 0 SE CAR	VER RD	W		TRF SIGNAL	N	DRY	SS-M	PRVTE	E -W							000	00
N		5P	PORTLAND UA	7.57 SE 142	ND AVE	06	0		N	DAY	INJ	PSNGR CAR		01 DRVR	INJC	24 M	OR-Y		080	000	05
N		45 24 36.45	-122 31 3.31	017100	100S00												OR<25				
												02 NONE 0	STRGHT								
												PRVTE PSNGR CAR	W -E	01 DRVR	MONIE	4.4 M	OD V		000	000 000	00
												PSNGR CAR		OI DRVR	NONE	44 M	OR-1 OR<25		000	000	00
00043	N N N N N	N 01/05/2018	CLACKAMAS	1 14		INTER	CROSS	N	N	RAIN	O-1 L-TUR	n 01 none 0	STRGHT								02,08
COUNTY		FR	HAPPY VALLEY	MN 0 SE CAR	VER RD	CN		TRF SIGNAL	N	WET	TURN	PRVTE	E -W							000	00
N		8A	PORTLAND UA	7.57 SE 142	ND AVE	01	1		N	DAY	INJ	PSNGR CAR		01 DRVR	INJC	27 F	OR-Y		000	000	00
N		45 24 36.45	-122 31 3.32	017100	100S00												OR<25				
												01 NONE 0	STRGHT								
												PRVTE	E -W		_					000	00
												PSNGR CAR		02 PSNG	INJC	38 M			000	000	00
												01 NONE 0	STRGHT								
												PRVTE	E -W							000	00
												PSNGR CAR		03 PSNG	NONE	01 M			000	000	00
												02 NONE 0	TURN-L								
												PRVTE	M -N	01 555		F0 =			000 004	000	00
												PSNGR CAR		01 DRVR	NONE	58 F	OR-Y OR<25		028,004	000	02,08
00424	NT NT NT NT NT .	N 02/04/2018	CLACKAMAS	1 14		INTER	CROSS	N	N	CLD	ANCI OTII	01 NONE 0	STRGHT				01(123				27,04,32
CITY	IN IN IN IN IN IN	SU	HAPPY VALLEY	MN 0 SE CAR	VER RD	CN	CRUSS	TRF SIGNAL	N	DRY	TURN	PRVTE	E -W							000	00
N		4P	PORTLAND UA	7.57 SE 142	ND AVE	01	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	22 M	OR-Y		020,052	037	27,04,32
N		45 24 36.44	-122 31 3.3	017100													OR<25				
TA		13 24 30.44	144 31 3.3	01/100	100000							02 NONE 0	TURN-L				OK<25				
												PRVTE	N -E							011	00
												PSNGR CAR		01 DRVR	INJB	51 M	OR-Y		000	000	00
																	OR<25				
												02 NONE 0	TURN-L								
												PRVTE	N -E	00 5000	T. 1. T. T. T.	F2 =			0.00	011	00
												PSNGR CAR		02 PSNG	TNOR	53 F			000	000	00

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage 171: CLACKAMAS

23 - 27 of 139 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E L	ICNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	Y E	X R	ES	LOC	ERROR	ACT EVENT	CAUSE
03315 N N N N N	N 09/19/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-OTHER	01 NONE 0	TURN-R									06
COUNTY	WE	HAPPY VALLEY	MN 0 SE CARVER RD	CN		TRF SIGNAL	N	DRY	TURN	PRVTE	N -M								031	00
N	9A	PORTLAND UA	7.57 SE 142ND AVE	01	1		N	DAY	INJ	PSNGR CAR		01 DRVR	INJE	74	F O	R-Y		034,031	000	06
N	45 24 36.44	-122 31 3.29	017100100800												0	R<25				
										02 NONE 1 PRVTE	TURN-R N -W								000	00
										TRUCK	IV -W	01 DRVR	NONE	57	м о	R-Y		000	000	00
																R<25				
04164 N N N N N	N 11/14/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	ANGL-OTH	01 NONE 0	TURN-R									02
COUNTY	WE	HAPPY VALLEY	MN 0 SE CARVER RD	CN		TRF SIGNAL	N	DRY	TURN	PRVTE	N -W								016	00
N	9A	PORTLAND UA	7.57 SE 142ND AVE	01	0		N	DAY	INJ	PSNGR CAR		01 DRVR	INJC	28	F O	R-Y		028	000	02
N	45 24 36.47	-122 31 3.28	017100100S00												0	R<25				
										02 NONE 0	STRGHT									
										PRVTE	E -W	01 pprm						0.00	000	00
										PSNGR CAR		01 DRVR	INJC			R-Y R<25		000	000	00
03012 N N N N	06/13/2019	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	ANGL-OTH	01 NONE 9	STRGHT									04
NONE	TH	HAPPY VALLEY	MN 0 SE CARVER RD	CN		TRF SIGNAL	N	DRY	TURN	N/A	N -S								000	00
N	6P	PORTLAND UA	7.57 SE 142ND AVE	01	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	0.0	Unk U	INK		000	000	00
N	45 24 36.45	-122 31 3.3	017100100S00												U	NK				
										02 NONE 9	TURN-L								000	00
										N/A PSNGR CAR	E -S	01 DRVR	NONE	: 00	Unk U	INK		000	000	00
												V				NK				
01645 N N N N N	N 05/20/2019	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	O-1 L-TUR	N 01 NONE 9	STRGHT									04
COUNTY	MO	HAPPY VALLEY	MN 0 SE CARVER RD	CN		TRF SIGNAL	N	DRY	TURN	N/A	N -S								000	00
N	11A	PORTLAND UA	7.57 SE 142ND AVE	01	1		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk U	NK		000	000	00
N	45 24 36.44	-122 31 3.3	017100100800												U	NK				
										02 NONE 9	TURN-L									
										N/A	S -W	01 pprm			1			0.00	000	00
										PSNGR CAR		01 DRVR	NONE	. 00		NK NK		000	000	00
01249 N N N N	05/01/2020	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-OTHER	01 NONE 9	TURN-R									08
NONE	FR	HAPPY VALLEY	MN 0 SE CARVER RD	CN	011000	TRF SIGNAL	N	DRY	TURN	N/A	N -W								015	00
N	5P	PORTLAND UA	7.57 SE 142ND AVE	01	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk U	INK		000	000	00
N	45 24 36 43	-122 31 3.3	017100100800												TI	NK				
±•	15 21 50.15	122 31 3.3	01,100100000							02 NONE 9	TURN-R				O					
										N/A	N −M								015	00
										PSNGR CAR		01 DRVR	NONE	0.0				000	000	00
															U	NK				

CONTINUOUS SYSTEM CRASH LISTING

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

28 - 31 of 139 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LI	CNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	Y E	X RE	S	LOC	ERROR	ACT EVENT	CAUSE
00665 N N N N N	N 03/13/2021	CLACKAMAS	1 14	INTER	3-LEG	N	N	CLR	ANGL-OTH	01 NONE 0	STRGHT									04
CITY	SA	HAPPY VALLEY	MN 0 SE CARVER RD	CN		TRF SIGNAL	N	DRY	ANGL	PRVTE	E -W								000	00
N	6P	PORTLAND UA	7.57 SE 142ND AVE	01	1		Y	DAY	INJ	PSNGR CAR		01 DRVR	INJC	22	M OR	-Y		020	000	04
N	45 24 36.46	-122 31 3.3	017100100S00												OR	<25				
										01 NONE 0	STRGHT									
										PRVTE	E -W								000	00
										PSNGR CAR		01 PSNG	INJC	37	M			000	000	00
										02 NONE 0	STRGHT									
										PRVTE	S -N								018	00
										PSNGR CAR	5 1	01 DRVR	INJB	46	M OR	-Y		000	000	00
															OR	<25				
	N 05/03/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR		N 01 NONE 0	STRGHT									02,08
STATE	TH	HAPPY VALLEY	MN 0 SE CARVER RD	CN		TRF SIGNAL	N	DRY	TURN	PRVTE	E -W								000	00
N	бA	PORTLAND UA	7.57 SE 142ND AVE	02	0		N	DAWN	INJ	PSNGR CAR		01 DRVR	NONE	26	M OR	-Y		000	000	00
N	45 24 36.44	-122 31 3.31	017100100800												OR	<25				
										02 NONE 0	TURN-L									
										PRVTE	M -N								000	00
										PSNGR CAR		01 DRVR	INJA	57		-Y <25		028,004	000	02,08
03126 N N N N	09/06/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	0-1 L-TUR	N 01 NONE 0	STRGHT								013	02,08
COUNTY	TH	HAPPY VALLEY	MN 0 SE CARVER RD	CN		TRF SIGNAL	N	DRY	TURN	PRVTE	E -W								000	00
N	4P	PORTLAND UA	7.57 SE 142ND AVE	02	1		N	DAY	INJ	PSNGR CAR		01 DRVR	INJC	23	F OR	-Y		000	000	00
N	45 24 36.44	-122 31 3.3	017100100S00												OR	<25				
										02 NONE 0	TURN-L									
										PRVTE	M - M								000 013	00
										PSNGR CAR		01 DRVR	NONE	41				028,004	000	02,08
										03 NONE 0	TURN-R				OR	<25				
										PRVTE	N -W								022	00
										PSNGR CAR	14 14	01 DRVR	NONE	23	M OR	-Y		000	000	00
																<25				
03520 N N N N N	N 10/02/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	O-1 L-TUR	N 01 NONE 0	STRGHT							·		02,04
STATE	TU	HAPPY VALLEY	MN 0 SE CARVER RD	CN		TRF SIGNAL	N	DRY	TURN	PRVTE	E -W								000	00
N	6P	PORTLAND UA	7.57 SE 142ND AVE	02	1		N	DAY	INJ	PSNGR CAR		01 DRVR	INJB	16	F OR	-Y		020	000	04
N	45 24 36.45	-122 31 3.31	017100100800												OR	<25				
			1 = 7 1 0 1 2 0 2 0 0							02 NONE 1	TURN-L				010					
										PRVTE	M -N								000	00
										SEMI TOW		01 DRVR	NONE	38	M OT	H-Y		028	000	02
															N-	RES				

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

32 - 36 of 139 Crash records shown.

S D M																			
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICN	S PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	Y E	X RES	LOC	ERROR	ACT EVENT	CAUSE
04858 N N N N N	N 12/31/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR		RN 01 NONE 0	STRGHT								02,08
COUNTY	MO	HAPPY VALLEY	MN 0 SE CARVER RD	CN		TRF SIGNAL	N	DRY	TURN	PRVTE	E -W							000	00
N	10P	PORTLAND UA	7.57 SE 142ND AVE	02	1		N	DLIT	INJ	PSNGR CAR		01 DRVR	INJC	42	M OTH-	Y	028,004	000	02,08
N	45 24 36.44	-122 31 3.31	017100100S00												N-RE	S			
										02 NONE 0 PRVTE	TURN-L W -N							000	00
										PSNGR CAR	W -14	01 DRVR	NONE	26	M OR-Y		000	000	00
															OR<2				
00862 N N N N N	N 03/05/2020	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	0-1 L-TU	RN 01 NONE 0	STRGHT								02,08
COUNTY	TH	HAPPY VALLEY	MN 0 SE CARVER RD	CN		TRF SIGNAL	N	DRY	TURN	PRVTE	E -W							000	00
N	5P	PORTLAND UA	7.57 SE 142ND AVE	02	1		N	DAY	INJ	PSNGR CAR		01 DRVR	INJB	74	M OR-Y		000	000	00
N	45 24 36.46	-122 31 3.32	017100100800												OR>2	5			
										02 NONE 0	TURN-L								
										PRVTE	M -N	01 ppr		2.0			000 004	000	00
										PSNGR CAR		01 DRVR	INJC	39	M OR-Y OR<2		028,004	000	02,08
01124 N N N N N	N 04/15/2020	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	0-1 L-TU	RN 01 NONE 9	STRGHT								14,02,08
CITY	WE	HAPPY VALLEY	MN 0 SE CARVER RD	CN		TRF SIGNAL	N	DRY	TURN	N/A	E -W							000	00
N	2P	PORTLAND UA	7.57 SE 142ND AVE	02	1		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N	45 24 36.45	-122 31 3.31	017100100S00												UNK				
										02 NONE 9	TURN-L								
										N/A PSNGR CAR	M -N	01 DRVR	NONE	0.0	IInk IINK		000	000	00
										I DIVOR CAR		OI DRVR	NONE	00	UNK		000	000	00
02575 N N N N N	N 08/20/2020	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	OTH OBJ	01 NONE 9	STRGHT							064	10
STATE	TH	HAPPY VALLEY	MN 0 SE CARVER RD	CN		TRF SIGNAL	N	DRY	FIX	N/A	E -W							000	00
N	8A	PORTLAND UA	7.57 SE 142ND AVE	02	0		N	DAY	PDO	SEMI TOW		01 DRVR	NONE	00	Unk UNK		000	000	00
N	45 24 36.44	-122 31 3.3	017100100800												UNK				
03502 N N N N N	N 11/17/2021	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	0-1 L-TU	RN 01 NONE 0	STRGHT							013	27,02,08
COUNTY	WE	HAPPY VALLEY	MN 0 SE CARVER RD	CN		TRF SIGNAL	N	DRY	TURN	PRVTE	E -W							000	00
N	4 P	PORTLAND UA	7.57 SE 142ND AVE	02	1		N	DUSK	INJ	PSNGR CAR		01 DRVR	INJC	52	M OR-Y		000	000	00
N	45 24 36.45	-122 31 3.31	017100100800												OR<2	5			
										02 NONE 0	TURN-L								
										PRVTE	M -N	01 55		0.1			000 004	000 013	00
										PSNGR CAR		01 DRVR	LNJA	81	F OR-Y OR<2		028,004	038	27,02,08
										03 NONE 0	STOP							011	0.0
										PRVTE PSNGR CAR	N -S	01 DRVR	INTC	47	M OR-Y		000	011 000	00
												- 211,11		± ,	OR<2				

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

37 - 40 of 139 Crash records shown.

	S D M																		
SER#	P R J S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST	E A U I C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S				
RD DPT	E L G N H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICN	S PED			
UNLOC?	D C S V L K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E	X RES	LOC	ERROR	ACT EVENT	CAUSE
02958	N Y N N N N 10/05/2021	CLACKAMAS	1 14	INTER	CROSS	N	N	CLD	ANGL-OTH	01 NONE 0	TURN-L								02,04,08
COUNTY	TU	HAPPY VALLEY	MN 0 SE CARVER RD	CN		TRF SIGNAL	N	WET	TURN	PRVTE	S -W							000	00
N	7p	PORTLAND UA	7.57 SE 142ND AVE	02	1		N	DLIT	INJ	PSNGR CAR		01 DRVR	NONE	46 F	SUSP		028,020	000	02,04,08
N	45 24 36.44	-122 31 3.3	017100100S00												OR<2	5			
										02 NONE 0	STRGHT								
										PRVTE	E -W	01 DDITT	TNITO	40 M	OD W		000	000	00
										PSNGR CAR		01 DRVR	INJC	48 M	OR-Y		000	000	00
										02 NONE 0	STRGHT								
										PRVTE	E -W	00 David	T.1.T.C	40 =			000	000	00
										PSNGR CAR		02 PSNG	INJC	49 F			000	000	00
										02 NONE 0	STRGHT								
										PRVTE	E -W							000	00
										PSNGR CAR		03 PSNG	INJC	13 M			000	000	00
	N N N N N N 11/22/2017	CLACKAMAS	1 14	INTER	CROSS	N	N	RAIN		N 01 NONE 9	TURN-L								02,08
COUNTY	WE	HAPPY VALLEY	MN 0 SE CARVER RD	CN		TRF SIGNAL	N	WET	TURN	N/A	E -S							000	00
N	11P	PORTLAND UA	7.57 SE 142ND AVE	03	1		N	DLIT	PDO	PSNGR CAR		01 DRVR	NONE	00 U1	nk UNK		000	000	00
N	45 24 36.44	-122 31 3.3	017100100S00												UNK				
										02 NONE 9	STRGHT								
										N/A	W -E	01 DDID	MONE	00 11	-1		000	000	00
										PSNGR CAR		01 DRVR	NONE	00 01	UNK			000	
00900	N N N N N N 03/13/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	RAIN	O-1 L-TUR	N 01 NONE 0	STRGHT								02,08
COUNTY	TU	HAPPY VALLEY	MN 0 SE CARVER RD	CN		TRF SIGNAL	N	WET	TURN	PRVTE	M -E							000	00
N	10A	PORTLAND UA	7.57 SE 142ND AVE	03	1		N	DAY	INJ	PSNGR CAR		01 DRVR	INJC	33 F	OR-Y		000	000	00
N	45 24 36.44	-122 31 3.3	017100100800												OR<2	5			
										02 NONE 0	TURN-L								
										PRVTE	E -S	0.4				_		000	00
										PSNGR CAR		01 DRVR	NONE	24 M	OTH-		028,004	000	02,08
	N N N N N N 12/21/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR		N 01 NONE 0	TURN-L								02
COUNTY	FR	HAPPY VALLEY	MN 0 SE CARVER RD	CN		TRF SIGNAL	N	DRY	TURN	PRVTE	N -E							000	00
N	6P	PORTLAND UA	7.57 SE 142ND AVE	04	0		N	DARK	INJ	PSNGR CAR		01 DRVR	INJC	23 F	OTH-	Z	028	000	02
N	45 24 36.44	-122 31 3.31	017100100S00												N-RE	3			
										01 NONE 0	TURN-L								
										PRVTE PSNGR CAR	N -E	02 PSNG	TNIC	10 17			000	000 000	00
												UZ PANG	TIMUC	ı, F			000	000	00
										02 NONE 0	STRGHT							000	0.0
										PRVTE PSNGR CAR	S -N	01 DRVR	NONE	23 14	O.m.n	7	000	000	00
										FONGR CAR		OI DKAK	MONE	الا د∠	N-RE		000	000	00
																-			

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

41 - 45 of 139 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE	1				SPCL USE										
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E	LICNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	Y E	Х	RES	LOC	ERROR	ACT EVENT	CAUSE
04138 Y Y N N N		CLACKAMAS	1 14	STRGHT		N	Y	CLR	OVERTURN	01 NONE 9	STRGHT								079	33,01
COUNTY	WE	HAPPY VALLEY	MN 0 SE CARVER RD	E	(NONE)	UNKNOWN	N	DRY	NCOL	N/A	W -E								000	00
Y	9P	PORTLAND UA	7.58 SE 142ND AVE	01			N	DLIT	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk	UNK		000	000	00
N	45 24 36.48	-122 31 2.67	017100100800		(04)											UNK				
04359 N N N N N	N 12/05/2019	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-STRGHT	01 NONE 0	STRGHT								092	27
STATE	TH	HAPPY VALLEY	MN 0 SE CARVER RD	E	(NONE)	NONE	N	DRY	REAR	PRVTE	W -E								000	00
N	4P	PORTLAND UA	7.59 SE 142ND AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	40	M	SUSP		016,042	038	27
N	45 24 36.52	-122 31 1.99	017100100800		(04)											OR-?				
										02 NONE 0	STRGHT								006 000	0.0
										PRVTE PSNGR CAR	W -E	01 DRVR	TN.TC	31	м	OR-Y		000	006 092 000	00
										I BNOIC CAIC		OI DRVR	11100	. 31		OR<25		000	000	00
02065 N N N N	05/26/2017	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT									29
NONE	FR	HAPPY VALLEY	MN 0 SE CARVER RD	E	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	E -W								000	00
N	7 _P	PORTLAND UA	7.59 SE 142ND AVE	05			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	19	M	OR-Y		026	000	29
N	45 24 36.52	-122 31 2.04	017100100S00		(04)											OR<25				
										02 NONE 0	STOP									
										PRVTE PSNGR CAR	E -W	01 DRVR	TNITO	E 2	177	OD V		000	011 000	00
										PSNGR CAR		UI DRVR	INUC	. 55		OR-1 OR<25		000	000	00
										02 NONE 0	STOP									
										PRVTE	E -W								011	00
										PSNGR CAR		02 PSNG	INJC	22	F			000	000	00
04453 N N N N	11/28/2018	CLACKAMAS	1 14	STRGHT		N	N	RAIN	S-1STOP	01 NONE 9	STRGHT									29
NONE	WE	HAPPY VALLEY	MN 0 SE CARVER RD	E	(NONE)	NONE	N	WET	REAR	N/A	E -W								000	00
N	7A	PORTLAND UA	7.59 SE 142ND AVE	06			N	DLIT	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk	UNK		000	000	00
N	45 24 36.53	-122 31 2.04	017100100800		(04)											UNK				
										02 NONE 9									0.4.4	
										N/A PSNGR CAR	E -W	01 DRVR	NONE	0.0	IInle	TINTE		000	011 000	00
										PSNGK CAK		UI DRVR	NONE	00		UNK		000	000	00
01629 N N N N	06/16/2021	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-STRGHT	01 NONE 9	STRGHT									29
NONE	WE	HAPPY VALLEY	MN 0 SE CARVER RD	M		TRF SIGNAL	N	DRY	REAR	N/A	E -W								000	00
N	7A	PORTLAND UA	7.59 SE 142ND AVE	00	1		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk	UNK		000	000	00
N	45 24 36.44	-122 31 3.3	017100100800													UNK				
										02 NONE 9	STRGHT									
										N/A	E -W								000	00
										PSNGR CAR		01 DRVR	NONE	00				000	000	00
																UNK				

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

46 - 49 of 139 Crash records shown.

	S D M																			
SER#	P R J S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
	E A U I C O DAY	CITY	COMPNT FIRST STREET	DIRECT		INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S					
RD DPT	E L G N H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E	LICNS	PED			
UNLOC?	D C S V L K LAT	LONG	MILEPNT LRS		(#LANES)		DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE					LOC	ERROR	ACT EVENT	CAUSE
00914	N N N N N N 04/10/2021	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT									29
CITY	SA	HAPPY VALLEY	MN 0 SE CARVER RD	E	(NONE)	TRF SIGNAL	N	DRY	REAR	PRVTE	E -W								000	00
N	7P	PORTLAND UA	7.60 SE 142ND AVE	05			N	DUSK	INJ	PSNGR CAR		01 DRVR	MONI	7 16	м	OP_V		026	000	29
14	7.5	FORTHAND OA	7.00 SE ITZND AVE	05			IN	DOSK	INO	FBNGK CAR		OI DRVR	IVOIVI	10	11	OK-1		020	000	2)
N	45 24 36.5	6 -122 31 1.43	017100100S00		(04)											OR<25				
										02 NONE 0	STOP									
										PRVTE	E -W	0.4		_ ==				0.00	011	00
										PSNGR CAR		01 DRVR	INJ	2 75		OR-Y OR<25		000	000	00
										02 NONE 0	STOP					01(123				
										PRVTE	E -W								011	00
										PSNGR CAR		02 PSNG	INJ	73	F			000	000	00
										02 NONE 0	STOP								011	0.0
										PRVTE	E -W	03 Dava	T.N.T.T.	7 46				000	011 000	00
										PSNGR CAR		03 PSNG	TNU	46	r			000	000	00
										02 NONE 0	STOP									
										PRVTE	E -W								011	00
										PSNGR CAR		04 PSNG	INJ	2 14	F			000	000	00
	N N N N N N 09/16/2021	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-STRGHT		STRGHT									07,29
STATE	TH	HAPPY VALLEY	MN 0 SE CARVER RD	Е	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	W -E								006	00
N	5P	PORTLAND UA	7.60 SE 142ND AVE	07			N	DAY	INJ	PSNGR CAR		01 DRVR	NON	E 49	F	OR-Y		043,042	000	07,29
N	45 24 36.5	6 -122 31 1.41	017100100S00		(04)											OR<25				
14	43 24 30.3	0 -122 31 1.41	017100100300		(04)					02 NONE 0	STRGHT					01(\25				
										PRVTE	W -E								006	00
										PSNGR CAR		01 DRVR	INJ	2 47	F	OR-Y		000	000	00
																OR<25				
00501	N N N N 02/06/2017	CLACKAMAS	1 14	STRGHT		N	Y	RAIN	FIX OBJ	01 NONE 9	BACK								100	10
NONE	MO	HAPPY VALLEY	MN 0 SE CARVER RD	E	(NONE)	UNKNOWN	N	WET	FIX	N/A	W -E								000	00
Y	6A	PORTLAND UA	7.68 SE 142ND AVE	07			N	DARK	חתם	SCHL BUS		01 DRVR	NONI	7 NN	IInk	IINIK		000	000	00
1	VA	FORTHAND OA	7.00 SE ITZND AVE	0 7			IN	DAKK	FDO	SCIIL BOS		OI DRVR	110111	2 00	OHA	OIVIC		000	000	00
N	45 24 36.7	5 -122 30 56.4	017100100S00		(04)											UNK				
02661	N N N N N N 07/31/2018	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-STRGHT	01 NONE 0	STRGHT								013	07
STATE	TU	HAPPY VALLEY	MN 0 SE CARVER RD	Е	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	W -E								000	00
N	5P	PORTLAND UA	7.80 SE 142ND AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NON	E 40	М	OTH-Y		043	000	07
N	45 24 36.2	8 -122 30 48.53	017100100800		(04)											N-RES				
	15 21 50.2		31,103100000		(- 1 /					02 NONE 0	STRGHT									
										PRVTE	W -E								006 013	00
										PSNGR CAR		01 DRVR	INJ	2 19	F	OR-Y		000	000	00
																OR<25				
										03 NONE 0	STRGHT									
										PRVTE	W -E	0.4			_				022	00
										PSNGR CAR		01 DRVR	NON	± 48				000	000	00
																OR<25				

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

50 - 54 of 139 Crash records shown.

S D M																					
SER# P R J S	W DATE	COUNTY	RD# FC	CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U I C	O DAY	CITY		FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				A S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP	SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ		G E	LICNS :	PED			
UNLOC? D C S V L		LONG	MILEPNT			(#LANES)			LIGHT		V# TYPE	TO	P# TYPE					LOC	ERROR	ACT EVENT	CAUSE
01799 N N N N	05/25/2018	CLACKAMAS	1 14		STRGHT		N	N	CLR	S-1STOP	01 NONE 9	STRGHT									16,29
COUNTY	FR	HAPPY VALLEY	MN 0	SE CARVER RD	E	(NONE)	UNKNOWN	N	DRY	REAR	N/A	W -E								000	00
N	4P	PORTLAND UA	7.80	SE 142ND AVE	04			N	DAY	PDO	PSNGR CAR		01 DRVR	NON	E 0) Unk	UNK		000	000	00
N	45 24 36.27	-122 30 48.49		017100100S00		(04)											UNK				
14	13 21 30.27	122 30 10.15		017100100500		(01)					02 NONE 9	STOP					OIVIC				
											N/A	W -E								011	00
											PSNGR CAR		01 DRVR	NON	E 0		UNK UNK		000	000	00
02380 N N N N	07/09/2018	CLACKAMAS	1 14		STRGHT		N	N	UNK	S-1STOP	01 NONE 9	STRGHT					ONK				29
NONE	MO	HAPPY VALLEY		CARVER RD	W	(NONE)	NONE	N	UNK	REAR	N/A	UN-UN								000	00
NONE	110	IIIII I VIIIIIII	THV 0	CHICATIC ICD	"	(IVOIVE)	NONE	14	OIVIC	ши	14/ 21	014 014								000	0.0
N	11A	PORTLAND UA	7.81	152ND AVE	00			N	DAY	PDO	PSNGR CAR		01 DRVR	NON	E 0) Unk	UNK		000	000	00
N	45 24 36.22	-122 30 47.8		017100100S00		(04)											UNK				
											02 NONE 9	STOP									
											N/A	UN-UN	01 DDIT	37037	- O) TT1-	TTNT7		000	011	00
											PSNGR CAR		01 DRVR	NON	E 01		UNK		000	000	00
04774 N N N N	12/24/2018	CLACKAMAS	1 14		STRGHT		N	Y	CLR	FIX OBJ	01 NONE 9	STRGHT								079,06	51 16
COUNTY	MO	HAPPY VALLEY	MN 0	SE CARVER RD	E	(NONE)	NONE	N	DRY	FIX	N/A	M -E								000	00
Y	4 P	PORTLAND UA	7.82	SE 142ND AVE	01			N	DUSK	PDO	PSNGR CAR		01 DRVR	NON	E 0) Unk	UNK		000	000	00
N	45 24 36.15	-122 30 47.09		017100100S00		(04)											UNK				
04927 N N N N	N 11/21/2017	CLACKAMAS	1 14		STRGHT		N	N	RAIN	S-STRGHT	01 NONE 0	STRGHT									29
COUNTY	TU	HAPPY VALLEY		CARVER RD	W	(NONE)	UNKNOWN	N	WET	REAR	PRVTE	E -W								000	00
N	4P	PORTLAND UA	7.88	152ND AVE	03			N	DUSK	INJ	PSNGR CAR		01 DRVR	NON	E 5'	7 F	OR-Y		042	000	29
N	45 24 35.81	-122 30 42.79		017100100S00		(04)											OR<25				
											02 NONE 0	STRGHT									
											PRVTE	E -W	01 00100	T.T.T	· a 21		OD 11		000	006	00
											PSNGR CAR		01 DRVR	INJ	C 3:		OR-Y OR>25		000	000	00
02720 N N N N	09/14/2021	CLACKAMAS	1 14		STRGHT		N	N	CLR	S-STRGHT	01 NONE 9	STRGHT									13
NONE	TU	HAPPY VALLEY	MN 0	CARVER RD	W	(NONE)	UNKNOWN	N	DRY	SS-O	N/A	E -W								000	00
N	10P	PORTLAND UA	7.90	152ND AVE	06			N	DARK	PDO	PSNGR CAR		01 DRVR	NON	E 0) Unk	UNK		000	000	00
N	45 24 35.71	-122 30 41.36		017100100S00		(04)											UNK				
											02 NONE 9	STRGHT									
											N/A	E -W								000	00
											PSNGR CAR		01 DRVR	NON	E 0		UNK UNK		000	000	00
00437 Y N N N N	N 02/05/2019	CLACKAMAS	1 14		STRGHT		N	N	CLR	O-STRGHT	01 NONE 9	STRGHT								124	01,05
STATE	TU	HAPPY VALLEY		CARVER RD	W	(NONE)	NONE	N	ICE	SS-M	N/A	E -W								000	00
Y	8A	PORTLAND UA	7.94	152ND AVE	03			N	DAY	PDO	PSNGR CAR		01 DRVR	NON	E 0) Unk	UNK		000	000	00
N	45 24 35.42	-122 30 38.33		017100100S00		(04)											UNK				

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TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage 171: CLACKAMAS

> 55 - 59 of 139 Crash records shown.

S D M																		
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE								
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S			
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E	X RES LOC	ERROR	ACT EVENT	CAUSE
										02 NONE 9 N/A	STRGHT W -E						000	00
										PSNGR CAR	M -E	01 DRVR	NONE	00	Unk UNK	000	000	00
															UNK			
02353 N N N N	08/28/2020	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-STRGHT	01 NONE 0	STRGHT							13
NONE	FR	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	NONE	N	DRY	SS-0	PRVTE	E -W						000	00
N	3P	PORTLAND UA	7.94 152ND AVE	05			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	21	M OR-Y	045	000	13
N	45 24 35.42	-122 30 38.33	017100100S00		(04)										OR<25			
14	13 21 33.12	122 30 30.33	01,100100000		(01)					02 NONE 0	STRGHT				010 123			
										PRVTE	E -W						000	00
										PSNGR CAR		01 DRVR	INJC	45		000	000	00
										0.0 170177	amp arra				OR<25			
										02 NONE 0 PRVTE	STRGHT E -W						000	00
										PSNGR CAR	E -W	02 PSNG	INJC	15	M	000	000	00
02212 N N N N N	N 06/26/2018	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT						013	27,29
STATE	TU	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	W -E						000	00
N	7 _P	PORTLAND UA	7.95 152ND AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	21	M OR-Y	026	000	27,29
N	45 24 35.34	-122 30 37.41	017100100800		(04)										OR<25			
										02 NONE 0	STOP							
										PRVTE	W - E						011 013	00
										PSNGR CAR		01 DRVR	NONE	63	M OR-Y OR<25	000	000	00
										03 NONE 0	STOP							
										PRVTE	W -E	01 DDIM	NONE		M OFFI 17	000	022	00
										PSNGR CAR		UI DRVR	NONE	55	M OTH-Y N-RES	000	000	00
										03 NONE 0	STOP				N-KES			
										PRVTE	W -E						022	00
										PSNGR CAR		02 PSNG	INJC	40	M	000	000	00
02238 N N N N N	N 06/27/2018	CLACKAMAS	1 14	STRGHT		N	Y	CLR	FIX OBJ	01 NONE 9	STRGHT						121,05	3 16
COUNTY	WE	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	NONE	N	DRY	FIX	N/A	W -E						,058 000	00
Y	9A	PORTLAND UA	7.96 152ND AVE	01			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK	000	000	00
N	45 24 35.27	-122 30 36.54	017100100800		(04)										UNK			
01628 N N N N	06/23/2020	CLACKAMAS	1 14	STRGHT	,	N	N	CLR	S-1STOP	01 NONE 9	STRGHT				-			29
NONE	TU	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	NONE	N	DRY	REAR	N/A	W -E						000	00
N	7p	PORTLAND UA	7.97 152ND AVE	03			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK	000	000	00
N	45 24 35.2	-122 30 35.64	017100100s00		(04)										UNK			
	15 21 55.2	50 55.01	01,10010000		(🗸 🛂 /					02 NONE 9	STOP				02111			
										N/A	W -E						011	00
										PSNGR CAR		01 DRVR	NONE	00	Unk UNK	000	000	00
															UNK			

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CONTINUOUS SYSTEM CRASH LISTING

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

60 - 64 of 139 Crash records shown.

S D M																			
SER# P R J	S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I	C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A S	;				
RD DPT E L G N	H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G E	LICNS	PED			
UNLOC? D C S V	L K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E X	RES	LOC	ERROR	ACT EVENT	
01099 N N N N STATE	N N 04/27/2021 TU	CLACKAMAS HAPPY VALLEY	1 14 MN 0 CARVER RD	STRGHT W	(NONE)	N NONE	Y	CLD DRY	FIX OBJ FIX	01 NONE 0 PRVTE	STRGHT W -E							053 000 053	11,05 11
SIAIE	10	HAPPI VALLEI	MIN U CARVER RD	vv	(NONE)	NONE	N	DRI	FIA	PRVIE	M -F							000 053	11
Y	6P	PORTLAND UA	7.98 152ND AVE	08			N	DAY	INJ	PSNGR CAR		01 DRVR	INJB	27 M	OR-Y		083	000	05
N	45 24 35.12	-122 30 34.76	017100100800		(04)										OR<25				
05193 N N N N	12/07/2017	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
NONE	TH	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	W -E							000	00
N	4P	PORTLAND UA	7.99 152ND AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	36 F	OR-Y		026	000	29
N	45 24 35.06	-122 30 33.86	017100100S00		(04)										OR<25				
										02 NONE 0	STOP								
										PRVTE	M -E	01 pprm		42 =			0.00	011	00
										PSNGR CAR		01 DRVR	INJC	43 F	N-RES		000	000	00
02276 N N N N	08/06/2021	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-STRGHT	01 NONE 9	STRGHT								29
NONE	FR	HAPPY VALLEY	MN 0 CARVER RD	E	(NONE)	UNKNOWN	N	DRY	REAR	N/A	W -E							000	00
N	4 P	PORTLAND UA	8.00 152ND AVE	03			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 Un	k UNK		000	000	00
N	45 24 35.03	-122 30 32.96	017100100s00		(04)										UNK				
14	13 21 33.03	122 30 32.30	01,100100500		(01)					02 NONE 9	STRGHT				OIVIC				
										N/A	W -E							000	00
										PSNGR CAR		01 DRVR	NONE	00 Un			000	000	00
04.700	05/00/000									0.1					UNK				
01793 N N N N NONE	06/30/2021 WE	CLACKAMAS HAPPY VALLEY	1 14 MN 0 CARVER RD	STRGHT W	(NONE)	N UNKNOWN	N N	CLR DRY	S-1STOP REAR	01 NONE 0 PRVTE	STRGHT W -E							000	29 00
N	4P	PORTLAND UA	8.02 152ND AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	58 M	OR-Y		026	000	29
N	45 24 34.96	-122 30 31.17	017100100800		(04)										OR<25				
IN	45 24 54.90	-122 30 31.17	017100100500		(04)					02 NONE 0	STOP				OR<25				
										PRVTE	W -E							011	00
										PSNGR CAR		01 DRVR	INJC	36 M	OR-Y		000	000	00
															OR<25				
01199 N N N N		CLACKAMAS	1 14	STRGHT	()	N	N	RAIN	S-STRGHT	01 NONE 0	STRGHT								13
STATE	FR	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	L-TURN REF	N	WET	SS-0	PRVTE	W -E							000	00
N	5P	PORTLAND UA	8.02 152ND AVE	05			N	DAY	INJ	PSNGR CAR		01 DRVR	INJC	63 F	OR-Y		045	000	13
N	45 24 34.96	-122 30 31.17	017100100s00		(05)										OR<25				
										02 NONE 0 PRVTE	STRGHT W -E							000	00
										PRVIE PSNGR CAR	M -F	01 DRVR	NONE	29 F	OR-Y		000	000	00
												V			OR<25				
01331 N N N N	05/11/2020	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 9	STRGHT								13,29
NONE	MO	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	NONE	N	DRY	REAR	N/A	E -W							000	00
N	2P	PORTLAND UA	8.02 152ND AVE	06			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 Un	k UNK		000	000	00
N	45 24 34.94	-122 30 31.17	017100100s00		(04)										UNK				

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

65 - 66 of 139 Crash records shown.

S D M																		
SER# P R J	S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE								
INVEST E A U I	C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S			
RD DPT E L G N	H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS PED			
UNLOC? D C S V	L K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E	X RES LOC	ERROR	ACT EVENT	CAUSE
										02 NONE 9	STOP							
										N/A PSNGR CAR	E -W	0.1 DDIM	MONE	00 11		000	011 000	00
										PSNGR CAR		01 DRVR	NONE	00 0	UNK UNK	000	000	00
02877 N N N N	N N 00/27/2021	CLACKAMAS	1 14	STRGHT		Y	N	CLR	S-1STOP	01 NONE 0	STRGHT				01111		013	29,07
STATE	MO	HAPPY VALLEY	MN 0 CARVER RD	UN	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	W -E						000	00
					(=====,													
N	4P	PORTLAND UA	8.03 152ND AVE	04			N	DAY	INJ	MOTRHOME		01 DRVR	NONE	73 F	OR-Y	026	000	29,07
N	45 24 34.94	-122 30 30.26	017100100s00		(04)										OR<25			
										02 NONE 0	STOP							
										PRVTE	W -E						011 013	00
										PSNGR CAR		01 DRVR	INJC	28 M		000	000	00
										0.3 NONE 0	GEOD.				OR<25			
										03 NONE 0 PRVTE	STOP W -E						022 013	00
										PSNGR CAR	W	01 DRVR	INJC	48 M	OR-Y	000	000	00
															OR<25			
										04 NONE 0	STOP							
										PRVTE	M -E						022	00
										PSNGR CAR		01 DRVR	INJB	37 F		000	000	00
										04 NONE 0	STOP				OR<25			
										PRVTE	W -E						022	00
										PSNGR CAR	W 12	02 PSNG	INJB	18 F		000	000	00
										04 NONE 0	STOP							
										PRVTE	W -E						022	00
										PSNGR CAR		03 PSNG	INJC	01 F		000	000	00
00337 N N N N	N N 01/25/2020	CLACKAMAS	1 14	STRGHT		N	N	CLD	S-1STOP	01 NONE 0	STRGHT						013	07,29
STATE	SA	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	NONE	N	DRY	REAR	PRVTE	M -E						000	00
N	8A		8.03 152ND AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	MONTE	71 M	OD W	043,026	000	07,29
N	AO	PORTLAND UA	0.03 152ND AVE	0.3			IN	DAI	INO	PSNGR CAR		OI DRVR	NONE	/ L M	OR-1	043,026	000	07,29
N	45 24 34.94	-122 30 30.3	017100100800		(04)										OR<25			
										02 NONE 0	STOP							
										PRVTE	W -E	01 5575		44 =		000	011 013	00
										PSNGR CAR		01 DRVR	INJC	44 F	OR-Y OR<25	000	000	00
										03 NONE 0	STOP				01(123			
										PRVTE	W -E						022 013	00
										PSNGR CAR		01 DRVR	INJC	57 F	OR-Y	000	000	00
															OR<25			
										03 NONE 0	STOP							
										PRVTE	W -E	00 5375	T			000	022 013	00
										PSNGR CAR		02 PSNG	INJC	55 F		000	000	00
										04 NONE 0	STOP							
										PRVTE	W -E						022	00
										PSNGR CAR		01 DRVR	INJC	42 F	OR-Y	000	000	00
															OR<25			

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

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Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage 171: CLACKAMAS

67 - 71 of 139 Crash records shown.

	S D M																			
SER#	P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST	E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT	E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICN	S PED			
UNLOC?	D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E	X RES	LOC	ERROR	ACT EVENT	CAUSE
											04 NONE 0 PRVTE	STOP W -E							022	00
											PSNGR CAR	M -F	02 PSNG	INJC	00 F	i		000	000	00
											1511011 01111		02 15110	11.00	00 1					
											04 NONE 0	STOP								
											PRVTE	W -E							022	00
											PSNGR CAR		03 PSNG	INJC	00 F	1		000	000	00
02293	N N N N N	N 08/22/2020	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
STATE		SA	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	NONE	N	DRY	REAR	PRVTE	W -E							000	00
N		4P	PORTLAND UA	8.03 152ND AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	TNTC	68 F	' OR-V		026	000	29
14			FORTHAND OA	0.03 IJZND AVE	03			IV	DAI	INO	FSNGR CAR		OI DRVR	INOC	00 F	OK-1		020	000	29
N		45 24 34.95	-122 30 30.28	017100100S00		(04)					0.0 2702-	ame -				OR<2	5			
											02 NONE 0 PRVTE	STOP W -E							011	0.0
											PRVIE PSNGR CAR	W -Е	01 DRVR	TMTC	30 E	' OP_V		000	011 000	00
											FSNGR CAR		OI DRVR	INOC	30 F	OR<2		000	000	00
03494	N N N N	11/16/2021	CLACKAMAS	1 14	STRGHT		N	N	RAIN	S-1STOP	01 NONE 9	STRGHT								27
NONE	1, 1, 1, 1,	TU	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	UNKNOWN	N	WET	REAR	N/A	W -E							000	00
		50	D0DET 1150 551	0.00. 150	0.4					220	D0170D 01D		0.1		00	. 1		0.00	000	0.0
N		5P	PORTLAND UA	8.03 152ND AVE	04			N	DARK	PDO	PSNGR CAR		01 DRVR	NONE	00 U	nk UNK		000	000	00
N		45 24 34.94	-122 30 30.29	017100100800		(04)										UNK				
											02 NONE 9	STOP								
											N/A	W -E							011	00
											PSNGR CAR		01 DRVR	NONE	00 υ	nk UNK UNK		000	000	00
00000		02/06/2010	CT 2 CV22N2 C	1 14	GMD GUM			3.7	GI D	G 1000	0.1 NONE 0	OMD GIAM				UNK				
00829 NONE	N N N N	03/06/2018 TU	CLACKAMAS HAPPY VALLEY	1 14 MN 0 CARVER RD	STRGHT W	(NONE)	N UNKNOWN	N N	CLR DRY	S-1STOP REAR	01 NONE 0 PRVTE	STRGHT E -W							000	29 00
NOINE		10	HAFFI VALLEI	PIN O CARVER RD	VV	(NONE)	OMMOWN	IN	DKI	KEAK	FRVIE	E -W							000	00
N		7A	PORTLAND UA	8.03 152ND AVE	05			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	16 M	OR-Y		026	000	29
N		45 24 34.94	-122 30 30.27	017100100S00		(04)										OR<2	5			
											02 NONE 0	STOP								
											PRVTE	E -W							011	00
											PSNGR CAR		01 DRVR	INJC	48 F			000	000	00
																OR<2	5			
	N N N N	04/19/2017	CLACKAMAS	1 14	INTER	3-LEG	N	N	RAIN	S-1STOP	01 NONE 9	STRGHT								29
NONE		WE	HAPPY VALLEY	MN 0 CARVER RD	CN		UNKNOWN	N	WET	REAR	N/A	W -E							000	00
N		3P	PORTLAND UA	8.03 152ND AVE	04	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 U	nk UNK		000	000	00
N		45 24 34 94	-122 30 30.26	017100100800												UNK				
TA		10 41 31.94	122 30 30.20	01/100100200							02 NONE 9	STOP				OIMIX				
											N/A	W -E							011	00
											PSNGR CAR		01 DRVR	NONE	00 U	nk UNK		000	000	00
																UNK				

CONTINUOUS SYSTEM CRASH LISTING

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

72 - 74 of 139 Crash records shown.

S D M	M																		
SER# P R J	J S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I	I C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT E L G N	N H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LIC	NS PED			
UNLOC? D C S V	V L K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E	X RES	LOC	ERROR	ACT EVENT	CAUSE
01754 N N N N	N N N 06/27/2021	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1TURN	01 NONE 0	U-TURN								08
CITY	SU	HAPPY VALLEY	MN 0 CARVER RD	W	(NONE)	UNKNOWN	N	DRY	TURN	PRVTE	M -M							000	00
N	11A	PORTLAND UA	8.04 152ND AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	59 F	OR-	Y	800	000	08
N	45 24 34.94	-122 30 29.39	017100100S00		(04)										OR<	25			
										02 NONE 0	STRGHT								
										PRVTE	W -E							000	00
										PSNGR CAR		01 DRVR	NONE	47 M	OR- OR<		000	000	00
										02 NONE 0	STRGHT								
										PRVTE	M -E							000	00
										PSNGR CAR		02 PSNG	INJB	19 M	1		000	000	00
										02 NONE 0	STRGHT								
										PRVTE	M - E							000	00
										PSNGR CAR		03 PSNG	INJC	48 F	י		000	000	00
01647 N N N N	N N Y 06/03/2020	CLACKAMAS	1 14	INTER	3-LEG	N	N	CLR	S-1STOP	01 NONE 0	STRGHT								27,29
STATE	WE	HAPPY VALLEY	MN 0 CARVER RD	W		NONE	N	DRY	REAR	PRVTE	W -E							000	00
N	4 P	PORTLAND UA	8.04 152ND AVE	06	0		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	22 M	OR-	Y	026	038	27,29
N	45 24 34.92	-122 30 29.37	017100100s00												OR<	25			
										01 NONE 0	STRGHT								
										PRVTE	W - E							000	00
										PSNGR CAR		02 PSNG	INJC	21 F	י		000	000	00
										01 NONE 0	STRGHT								
										PRVTE	W -E							000	00
										PSNGR CAR		03 PSNG	INJC	26 F	י		000	000	00
										01 NONE 0	STRGHT								
										PRVTE	W -E							000	00
										PSNGR CAR		04 PSNG	INJC	37 F	י		000	000	00
										02 NONE 0	STOP								
										PRVTE	W -E							011	00
										PSNGR CAR		01 DRVR	INJC	39 F			000	000	00
															OR<	25			
02822 N N N N		CLACKAMAS	1 14	INTER	3-LEG	N	N	CLR	S-1STOP	01 NONE 9	STRGHT								29
NONE	SU	HAPPY VALLEY	MN 0 CARVER RD	N		STOP SIGN	N	DRY	REAR	N/A	N -S							000	00
N	1P	PORTLAND UA	8.05 152ND AVE	06	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 t	Jnk UNK		000	000	00
N	45 24 34.91	-122 30 28.47	017100100S00												UNK				
14										02 NONE 9	STOP								
14																			
N										N/A	N -S							012	00
N.										N/A PSNGR CAR	N -S	01 DRVR	NONE	00 t	Jnk UNK UNK		000	012 000	00

CONTINUOUS SYSTEM CRASH LISTING

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

75 - 79 of 139 Crash records shown.

S D M																					
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE											
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				A S	S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ		G I	E LICN	IS PI	ED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVR	TY	E 2	X RES	LO	OC	ERROR	ACT EVENT	CAUSE
03887 N N N N	11/05/2019	CLACKAMAS	1 14	INTER	3-LEG	N	N	CLR	S-STRGHT	01 NONE 0	STRGHT										29
NO RPT	TU	HAPPY VALLEY	MN 0 CARVER RD	E		UNKNOWN	N	DRY	REAR	PRVTE	W -E									000	00
N	8A	PORTLAND UA	8.05 152ND AVE	05	0		N	DAY	INJ	PSNGR CAR		01 DRVR	NON	E 5	4 M	OR-Y			042	000	29
N	45 24 34.91	-122 30 28.47	017100100500													OR<2	15				
										02 NONE PRVTE	STRGHT W -E									000	00
										PSNGR CAR	M -F	01 DRVR	TNJ	C 4	2 F	OR-Y	,		000	000	00
														_		OR<2					
00364 N N N N	01/26/2017	CLACKAMAS	1 14	INTER		N	N	CLR	S-1STOP	01 NONE 9	STRGHT										29
NONE	TH	HAPPY VALLEY	MN 0 CARVER RD	E		STOP SIGN	N	DRY	REAR	N/A	E -W									000	00
N	4 P	PORTLAND UA	8.05 152ND AVE	06	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NON	E 0	0 Ur	nk UNK			000	000	00
N	45 24 34.91	-122 30 28.47	017100100800													UNK					
										02 NONE 9	STOP										
										N/A	E -W									011	00
										PSNGR CAR		01 DRVR	NON	E 0	0 Ur	ık UNK UNK			000	000	00
00955 N N N N	03/15/2020	CLACKAMAS	1 14	INTER	3-LEG	N	N	CLR	S-1STOP	01 NONE 9	STRGHT										29
NONE	SU	HAPPY VALLEY	MN 0 CARVER RD	W		NONE	N	DRY	REAR	N/A	W -E									000	00
N	10A	PORTLAND UA	8.05 152ND AVE	06	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NON	E 0	0 Ur	nk UNK			000	000	00
N	45 24 34.91	-122 30 28.47	017100100800													UNK					
										02 NONE 9	STOP										
										N/A PSNGR CAR	W -E	01 DRVR	NION	г. О	О тт»	ale TINTE			000	012 000	00
										PSNGK CAK		OI DRVR	INOIN	E U	0 01	UNK			000	000	00
00660 N Y N N N	N 02/19/2017	CLACKAMAS	1 14	INTER	3-LEG	N	N	RAIN	ANGL-OTH	01 NONE 0	STRGHT										13
COUNTY	SU	HAPPY VALLEY	MN 0 CARVER RD	CN		STOP SIGN	N	WET	TURN	PRVTE	E -W									000	00
N	2P	PORTLAND UA	8.05 152ND AVE	01	0		N	DAY	INJ	PSNGR CAR		01 DRVR	NON	E 4	5 M	OR-Y	7		045	000	13
N	45 24 34.91	-122 30 28.47	017100100800													OR<2	25				
										02 NONE 0	TURN-R										
										PRVTE	N -W	01 pprm		a 2	2 -		_		000	015	00
										PSNGR CAR		01 DRVR	INJ	C 3	3 F	OR-Y			000	000	00
03876 N N N N	10/16/2018	CLACKAMAS	1 14	INTER	3-LEG	N	N	CLR	ANGL-OTH	01 NONE 9	STRGHT										02
NONE	TU	HAPPY VALLEY	MN 0 CARVER RD	CN		STOP SIGN	N	UNK	TURN	N/A	E -W									000	00
И	11A	PORTLAND UA	8.05 152ND AVE	01	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NON	E 0	0 Ur	nk UNK			000	000	00
N	45 24 34.91	-122 30 28.47	017100100s00													UNK					
										02 NONE 9	TURN-L										
										N/A	N -E									015	00
										PSNGR CAR		01 DRVR	NON	E 0	0 Ur				000	000	00
																UNK					

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

80 - 83 of 139 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC	CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT	FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TY	SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS	PED			
UNLOC? D C S V L		LONG	MILEPNI			(#LANES)		DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	Z E	X RES	LOC	ERROR	ACT EVENT	CAUSE
00012 N N N N	01/03/2019	CLACKAMAS	1 1		INTER	3-LEG	N GEOD GIGN	N	UNK	ANGL-OTH	01 NONE 0	STRGHT							0.00	02
NONE	TH	HAPPY VALLEY	MIN U	CARVER RD	CN		STOP SIGN	N	WET	TURN	PRVTE	E -W							000	00
N	6P	PORTLAND UA	8.05	152ND AVE	01	0		N	DLIT	INJ	PSNGR CAR		01 DRVR	INJC	20	M OR-Y		000	000	00
N	45 24 34.91	-122 30 28.47		017100100S00												OR<25				
											01 NONE 0	STRGHT								
											PRVTE	E -W							000	00
											PSNGR CAR		02 PSNG	INJC	20	M		000	000	00
											02 NONE 0	TURN-R								
											PRVTE	N -W							015	00
											PSNGR CAR		01 DRVR	NONE	59	M OR-Y		028	000	02
																OR<25				
04294 N N N N	12/01/2019	CLACKAMAS	1 1	4	INTER	3-LEG	N	N	RAIN	ANGL-OTH	01 NONE 9	TURN-L								02
NO RPT	SU	HAPPY VALLEY	MN 0	CARVER RD	CN		STOP SIGN	N	WET	TURN	N/A	N -E							000	00
N	5P	PORTLAND UA	8.05	152ND AVE	01	0		N	DLIT	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N	45 24 34.91	-122 30 28.47		017100100S00												UNK				
											02 NONE 9	STRGHT								
											N/A	E -W							000	00
											PSNGR CAR		01 DRVR	NONE	00	Unk UNK UNK		000	000	00
02667 N N N N N	N 09/10/2021	CLACKAMAS	1 1	4	INTER	3-LEG	N	N	CLR	ANGL-OTH	01 NONE 9	TURN-L								02
STATE	FR	HAPPY VALLEY	MN 0	CARVER RD	CN		STOP SIGN	N	DRY	TURN	N/A	N -E							015	00
N	5P	PORTLAND UA	8.05	152ND AVE	01	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N	45 24 34.91	-122 30 28.47		017100100S00												UNK				
											02 NONE 9	STRGHT								
											N/A	E -W							000	00
											PSNGR CAR		01 DRVR	NONE	00	Unk UNK UNK		000	000	00
04710 N N N N N	N 11/09/2017	CLACKAMAS	1 1	4	INTER	3-LEG	N	N	RAIN	O-1 L-TUR	N 01 NONE 0	TURN-L							079	02
COUNTY	TH	HAPPY VALLEY	MN 0	CARVER RD	CN		STOP SIGN	N	WET	TURN	PRVTE	M -N							000	00
N	2P	PORTLAND UA	8.05	152ND AVE	02	0		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	19	M OR-Y		004,028	000	02
N	45 24 34.91	-122 30 28.47		017100100S00												OR<25				
											02 NONE 0	STRGHT								
											PRVTE	E -W	0.4						000	00
											PSNGR CAR		01 DRVR	INJA	33	M OR-Y OR<25		000	000	00
04133 N N N N	11/13/2019	CLACKAMAS	1 1	4	INTER	3-LEG	N	N	UNK		N 01 NONE 9	STRGHT								02,08
NONE	WE	HAPPY VALLEY	MN 0	CARVER RD	CN		NONE	N	UNK	TURN	N/A	E -W							000	00
N	2P	PORTLAND UA	8.05	152ND AVE	02	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N	45 24 34.93	-122 30 28.5		017100100S00												UNK				

171: CLACKAMAS

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

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Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage 171: CLACKAMAS

> 84 - 88 of 139 Crash records shown.

S D M																		
SER# P R J	S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE								
INVEST E A U I	C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S			
RD DPT E L G N	H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS PED			
UNLOC? D C S V	L K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E	X RES LOC	ERROR	ACT EVENT	CAUSE
										02 NONE 9 N/A	TURN-L W -N						000	00
										PSNGR CAR	,, 1,	01 DRVR	NONE	00 Uı	nk UNK	000	000	00
															UNK			
02451 N N N N	N N 08/23/2021	CLACKAMAS	1 14	INTER	3-LEG	N	N	CLR	0-1 L-TU	RN 01 NONE 0	STRGHT						093	27,02
COUNTY	MO	HAPPY VALLEY	MN 0 CARVER RD	CN		NONE	N	DRY	TURN	PRVTE	E -W						000	00
N	9P	PORTLAND UA	8.05 152ND AVE	02	0		N	DARK	INJ	PSNGR CAR		01 DRVR	INJA	22 M	OR-Y	000	000	00
N	45 24 34.91	-122 30 28.47	017100100s00												OR<25			
	10 21 01.71	122 30 2011	01/100100500							02 NONE 0	TURN-L				011 123			
										PRVTE	M - N						000	00
										PSNGR CAR		01 DRVR	NONE	23 M	OR-Y	016,028	038 093	27,02
															OR<25			
										02 NONE 0	TURN-L						000	0.0
										PRVTE PSNGR CAR	M -N	02 PSNG	TNIC	22 M		000	000	00 00
										PSNGR CAR		UZ PSNG	INOC	23 M		000	000	00
03997 N N N N	N N 09/27/2017	CLACKAMAS	1 14	INTER	3-LEG	N	N	CLR	ANGL-OTH	01 NONE 0	TURN-L							17,02
STATE	WE	HAPPY VALLEY	MN 0 CARVER RD	CN		STOP SIGN	N	DRY	TURN	PRVTE	N -E						015	00
N	12P	PORTLAND UA	8.05 152ND AVE	03	0		N	DAY	INJ	PSNGR CAR		01 DRVR	INJA	80 M	OR-Y	028	028	17,02
N	45 24 34.91	-122 30 28.47	017100100800												OR<25			
14	13 21 31.91	122 30 20.17	01/100100500							02 NONE 1	STRGHT				010 223			
										PRVTE	W -E						000	00
										PSNGR CAR		01 DRVR	NONE	21 M	OR-Y	000	000	00
															OR<25			
01697 N N N N	N N 06/22/2021	CLACKAMAS	1 14	INTER	3-LEG	N	N	CLR	ANGL-OTH	01 NONE 0	TURN-L							02
COUNTY	TU	HAPPY VALLEY	MN 0 CARVER RD	CN		STOP SIGN	N	DRY	TURN	PRVTE	N -E						015	00
N	4P	PORTLAND UA	8.05 152ND AVE	03	0		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	18 M	OR-Y	028	000	02
N	45 24 34.91	-122 30 28.48	017100100S00												OR>25			
										02 NONE 0	TURN-L							
										PRVTE	M - M						000	00
										PSNGR CAR		01 DRVR	INJA	43 M	OR-Y	000	000	00
															OR<25			
00837 N N N N	03/04/2020	CLACKAMAS	1 14	INTER	3-LEG	N	N	CLR	ANGL-OTH		TURN-L							02
NO RPT	WE	HAPPY VALLEY	MN 0 CARVER RD	CN		STOP SIGN	N	DRY	TURN	PRVTE	N -E						015	00
N	3P	PORTLAND UA	8.05 152ND AVE	04	0		N	DAY	INJ	PSNGR CAR		01 DRVR	INJB	55 M	OR-Y	028	000	02
N	45 24 34.91	-122 30 28.48	017100100s00												OR<25			
										02 NONE 0	TURN-L							
										PRVTE	M -N						000	00
										PSNGR CAR		01 DRVR	INJC	50 F		000	000	00
															OR<25			

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

89 - 91 of 139 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC COI	NN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT FI	RST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A S	3				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SE	COND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G I	E LICNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LR	S		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E	K RES	LOC	ERROR	ACT EVENT	CAUSE
04165 N N N N	11/14/2018	CLACKAMAS	1 14		STRGHT		N	N	CLR	S-STRGHT	01 NONE 0	STRGHT								29
NO RPT	WE	HAPPY VALLEY	MN 0 CAI	RVER RD	E	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	W -E							000	00
N	6P	PORTLAND UA	8.07 15	2ND AVE	03			N	DUSK	INJ	PSNGR CAR		01 DRVR	NONE	75 M	OTH-Y		026	000	29
N	45 24 34.91	-122 30 27.11	01	7100100800		(04)										N-RES				
											02 NONE 0	STRGHT								
											PRVTE	W -E	01 DDID	THIC	40 =	00. 11		000	000	00
											PSNGR CAR		01 DRVR	INJC	42 F	OR-Y OR<25		000	000	00
											02 NONE 0	STRGHT								
											PRVTE	W -E	00 5070		<i>c</i> 4 = =			000	000	00
											PSNGR CAR		02 PSNG	INJB	64 F			000	000	00
											02 NONE 0	STRGHT								
											PRVTE	W -E							000	00
											PSNGR CAR		03 PSNG	INJC	22 M			000	000	00
											02 NONE 0	STRGHT								
											PRVTE	W -E							000	00
											PSNGR CAR		04 PSNG	INJC	36 M			000	000	00
											02 NONE 0	STRGHT								
											PRVTE	W -E							000	00
											PSNGR CAR		05 PSNG	INJC	33 F			000	000	00
04172 N N N N N	N 10/07/2017	CLACKAMAS	1 14		STRGHT		N	N	CLD	S-STRGHT	01 NONE 0	STRGHT							013	07
COUNTY	SA	HAPPY VALLEY	MN 0 CAI	RVER RD	E	(RSDMD)	UNKNOWN	N	DRY	REAR	PRVTE	W -E							000	00
N	1P	PORTLAND UA	8.07 15	2ND AVE	04			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	45 M	OR-Y		043,042	000	07
N	45 24 34.91	-122 30 27.11	01	7100100800		(04)										OR>25				
											02 NONE 0	STRGHT								
											PRVTE	W -E	0.0		40				006 013	00
											PSNGR CAR		01 DRVR	INJC	48 M	OR-Y OR<25		043,042	000	07
											02 NONE 0	STRGHT				OR<25				
											PRVTE	W -E							006 013	00
											PSNGR CAR		02 PSNG	INJC	46 F			000	000	00
											03 NONE 0	STRGHT								
											PRVTE	W -E							022	00
											PSNGR CAR	–	01 DRVR	NONE	70 M	OR-Y		000	000	00
																OR<25				
05123 N N Y N N	N 12/03/2017	CLACKAMAS	1 14		STRGHT		N	Y	CLD	OTH OBJ	01 NONE 0	STRGHT							044,04 ,010	13 05
CITY	SU	HAPPY VALLEY	MN 0 CAI	RVER RD	E	(RSDMD)	NONE	N	WET	FIX	PRVTE	E -W							000 044,04	13 00
Y	5A	PORTLAND UA	8.07 15	2ND AVE	05			N	DLIT	INJ	PSNGR CAR		01 DRVR	INJB	23 M	OR-Y		080	,010 000	05
N	45 24 34.91	-122 30 27.11	01	7100100s00		(04)										OR<25				

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

92 - 95 of 139 Crash records shown.

S D M																					
SER# P R J S	W DATE	COUNTY	RD# FC	CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U I C	O DAY	CITY	COMPNT	FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP	SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E	LICNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT	LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	Y E	X	RES	LOC	ERROR	ACT EVENT	CAUSE
05314 N N N N	12/13/2017	CLACKAMAS	1 14		STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT									29
NONE	WE	HAPPY VALLEY	MN 0 0	CARVER RD	E	(RSDMD)	TRF SIGNAL	N	DRY	REAR	PRVTE	W -E								000	00
N	11A	PORTLAND UA	8.09	152ND AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	66	M	OR-Y		026	000	29
N	45 24 34.91	-122 30 25.75		017100100S00		(04)											OR<25				
											02 NONE 0	STOP								0.1.1	0.0
											RENTL TRUCK	W -E	01 DRVR	TMTC	26	M	OB_V		000	011 000	00
											TRUCK		UI DRVR	INJC	. 30		OR-1 OR<25		000	000	00
02045 N N N N N	N 06/19/2019	CLACKAMAS	1 14		STRGHT		N	N	CLR	S-1STOP	01 NONE 9	STRGHT									29
STATE	WE	HAPPY VALLEY	MN 0 0	CARVER RD	E	(RSDMD)	NONE	N	DRY	REAR	N/A	W -E								000	00
N	11A	PORTLAND UA	8.09	152ND AVE	04			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	0.0	Unk	UNK		000	000	00
N	45 24 34.91	-122 30 25.75	(017100100S00		(04)										•	UNK				
											02 NONE 9	STOP									
											N/A	W -E								011	00
											PSNGR CAR		01 DRVR	NONE	: 00		UNK UNK		000	000	00
02124 Y N N N N	N 06/25/2019	CLACKAMAS	1 14		STRGHT		N	N	CLR	S-STRGHT	01 NONE 0	STRGHT									01,29
STATE	TU	HAPPY VALLEY	MN 0 0	CARVER RD	E	(RSDMD)	NONE	N	DRY	REAR	PRVTE	W - E								000	00
N	1P	PORTLAND UA	8.10	152ND AVE	03			N	DAY	INJ	MOPED		01 DRVR	INJE	62	M I	N-VAL		047,026	000	01,29
N	45 24 34.93	-122 30 25.07	(017100100S00		(04)											OR<25				
											02 NONE 0	STRGHT									
											PRVTE	W -E								000	00
											PSNGR CAR		01 DRVR	INJC	! 38		OR-Y OR<25		000	000	00
											03 NONE 0	STRGHT								0.00	0.0
											PRVTE PSNGR CAR	W -E	01 DRVR	NONE	22	м	OP_V		000	000	00
											PSNGR CAR		UI DRVR	NONE			OR-1 OR<25				
00215 N N N N	01/18/2018	CLACKAMAS	1 14		STRGHT		N	N	RAIN	S-STRGHT	01 NONE 0	STRGHT									29
NO RPT	TH	HAPPY VALLEY	MN 0 0	CARVER RD	E	(RSDMD)	UNKNOWN	N	WET	REAR	PRVTE	W -E								000	00
N	8A	PORTLAND UA	8.11	152ND AVE	03			N	DAY	INJ	PSNGR CAR		01 DRVR	INJC	52	F	OR-Y		042	000	29
N	45 24 34.92	-122 30 24.39	(017100100S00		(04)											OR<25				
											02 NONE 0	STRGHT									
											PRVTE	W -E	01 555			_			0.00	006	00
											PSNGR CAR		01 DRVR	INJC	6.3		OR-Y OR<25		000	000	00
05299 N N N N	12/13/2017	CLACKAMAS	1 14		STRGHT		N	N	CLR	S-STRGHT	01 NONE 0	STRGHT								013	29
NO RPT	WE	HAPPY VALLEY	MN 0 0	CARVER RD	W	(RSDMD)	UNKNOWN	N	DRY	REAR	PRVTE	W -E								000	00
N	5P	PORTLAND UA	8.11	152ND AVE	03			N	DLIT	INJ	PSNGR CAR		01 DRVR	NONE	23	M	OR-Y		042	000	29
N	45 24 34.91	-122 30 24.39	(017100100s00		(04)											OR<25				

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

96 - 100 of 139 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC	CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT	FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP	SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM		INJ		E LICI				
UNLOC? D C S V L	K LAT	LONG	MILEPNT	LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE 02 NONE 0	TO STRGHT	P# TYPE	SVRT	Y E	X RES	LOC	ERROR	ACT EVENT	CAUSE
											PRVTE	W -E							006 013	00
											PSNGR CAR		01 DRVR	INJC	20	F OR-	Y	000	000	00
																OR<2	25			
											03 NONE 0	STRGHT								
											PRVTE PSNGR CAR	W -E	01 DRVR	NONE	25	F OP-7	v	000	022 000	00
											I DIVOIC CITE		OI BRVIC	NONE	23	OR<2		000	000	00
05329 N N N N	12/14/2017	CLACKAMAS	1 14	4	STRGHT		N	N	CLR	S-STRGHT	01 NONE 9	STRGHT							1	29
COUNTY	TH	HAPPY VALLEY	MN 0	CLACKAMAS HWY	W	(RSDMD)	UNKNOWN	N	DRY	REAR	N/A	E -M							000	00
N	8A	PORTLAND UA	8.11	CARVER RD CONN 1 EB	06			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	0.0	IInk IINK		000	000	00
			0.11						2111	120	1 DIVOIT GILL		01 2	1,01,2						
N	45 24 34.91	-122 30 24.39		017100100S00		(04)					0.0 NONE 0	OMD GIAM				UNK				
											02 NONE 9 N/A	STRGHT E -W							000	00
											PSNGR CAR	2 "	01 DRVR	NONE	00	Unk UNK		000	000	00
																UNK				
02188 N N N N	08/06/2020	CLACKAMAS	1 14	4	STRGHT		N	N	CLR	S-1STOP	01 NONE 9	STRGHT								29
NONE	TH	HAPPY VALLEY	MN 0	CARVER RD	E	(NONE)	NONE	N	DRY	REAR	N/A	W -E							000	00
N	5P	PORTLAND UA	8.12	152ND AVE	03			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N	45 24 34.91	-122 30 23.73		017100100S00		(04)										UNK				
											02 NONE 9	STOP								
											N/A	W -E							011	00
											PSNGR CAR		01 DRVR	NONE	00	Unk UNK UNK		000	000	00
03304 N N N N N	N 11/01/2021	CLACKAMAS	1 14	4	BRIDGE		Y	N	RAIN	S-1STOP	01 NONE 0	STRGHT								07,29,27
COUNTY	MO	HAPPY VALLEY	MN 0	CLACKAMAS HWY	W	(RSDMD)	UNKNOWN	N	WET	REAR	PRVTE	W -E							000	00
N	2P	PORTLAND UA	8.12	CARVER RD CONN 1 EB	08			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	19	M NON	E	043,026,016	000	07,29,27
N	45 24 34.91	-122 30 23.71		017100100s00		(04)										OR>2	25			
											02 NONE 0	STOP								
											PRVTE	W -E							011	00
											PSNGR CAR		01 DRVR	INJC	39			000	000	00
00620 N N N N	07/20/2010	OT A CIVARA	1 1	1	OMD CITE		NT.	N T	OI D	g 1gmon	01 NONE 0	OMD CLIM				OR<2	<u>4</u> 5			20
02639 N N N N NONE	07/29/2018 SU	CLACKAMAS HAPPY VALLEY	1 14 MN 0	4 CLACKAMAS HWY	STRGHT W	(NONE)	N UNKNOWN	N N	CLR DRY	S-1STOP REAR	01 NONE 0 PRVTE	STRGHT W -E							000	29 00
						(1401411)	OTITIONII													
N	10A	PORTLAND UA	8.13	CARVER RD CONN 1 EB	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	62	M OR-	Y	026	000	29
N	45 24 34.91	-122 30 23.03		017100100s00		(04)										OR<2	25			
											02 NONE 0	STOP								
											PRVTE	W -E	01		4.5			0.00	011	00
											PSNGR CAR		01 DRVR	INJC	47			000	000	00
																OR<2	∠ ⊃			

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

101 - 103 of 139 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC	CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT	FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP	SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E	LICNS PED			
UNLOC? D C S V L		LONG	MILEPNT			(#LANES)			LIGHT	SVRTY	V# TYPE	ТО	P# TYPE	SVR	TY E	X	RES LOC	ERROR	ACT EVENT	
05235 N N N N N STATE	N 12/09/2017 SA	CLACKAMAS HAPPY VALLEY	1 14 MN 0	CLACKAMAS HWY	STRGHT NW	(NONE)	N UNKNOWN	N N	CLR DRY	S-1STOP REAR	01 NONE 0 PRVTE	STRGHT W -E							000	29 00
N	5P	PORTLAND UA	8.13	CARVER RD CONN 1 EB	03			N	DUSK	INJ	PSNGR CAR		01 DRVR	NON.	E 29	F	NONE	026	000	29
N	45 24 34.91	-122 30 23.03		017100100S00		(04)											OR<25			
											01 NONE 0	STRGHT							0.00	0.0
											PRVTE PSNGR CAR	W -E	02 PSNG	NO<	5 02	F		000	000	00
																_				
											02 NONE 0	STOP								
											PRVTE PSNGR CAR	W -E	01 DRVR	T NI.T	C 21	м	OP_V	000	011 000	00
											I BIVOIC CAIC		OI DRVR	1110	C 21		OR<25	000	000	00
04687 N N N N	12/14/2018	CLACKAMAS	1 14	:	STRGHT		N	N	RAIN	S-1STOP	01 NONE 0	STRGHT								29
NONE	FR	HAPPY VALLEY	MN 0	CARVER RD	E	(RSDMD)	UNKNOWN	N	WET	REAR	PRVTE	W -E							001	00
N	5P	PORTLAND UA	8.14	152ND AVE	04			N	DLIT	INJ	PSNGR CAR		01 DRVR	NON:	E 39	M	OR-Y	026	000	29
N	45 24 34.91	-122 30 22.35		017100100S00		(04)											OR<25			
											02 NONE 0	STOP								
											PRVTE PSNGR CAR	W -E	01 DRVR	NON	r 17	м	OP-V	000	011 000	00
											FSNGR CAR		OI DRVR	11011	L 1/		OR<25	000	000	00
											02 NONE 0	STOP								
											PRVTE	W -E	00 David	T. T. T.	a 00	-		000	011	0.0
											PSNGR CAR		02 PSNG	INJ	C 99	F.		000	000	00
03411 N N N N	12/16/2020	CLACKAMAS	1 14	:	STRGHT		N	N	RAIN	S-1STOP	01 NONE 0	STRGHT							013	29
NO RPT	WE	HAPPY VALLEY	MN 0	CLACKAMAS HWY	SW	(RSDMD)	TRF SIGNAL	N	WET	REAR	PRVTE	W -E							000	00
N	7A	PORTLAND UA	8.14	CARVER RD CONN 1 EB	04			N	DAWN	INJ	PSNGR CAR		01 DRVR	NON	E 20	F	OR-Y	026	000	29
N	45 24 34.91	-122 30 22.36		017100100S00		(04)											OR<25			
											02 NONE 0 PRVTE	STOP W -E							011 013	00
											PSNGR CAR	M -E	01 DRVR	INJ	C 45			000	000	00
											02 NONE 0	STOP					OR<25			
											PRVTE	W -E							011 013	00
											PSNGR CAR		02 PSNG	INJ	C 07	M		000	000	00
											03 NONE 0	STOP								
											PRVTE	W -E							011	00
											PSNGR CAR		01 DRVR	NON	E 28			000	022	00
																	N-RES			
03655 N N N N NONE	10/19/2019 SA	CLACKAMAS HAPPY VALLEY	1 14 MN 0	CLACKAMAS HWY	STRGHT W	(RSDMD)	N NONE	N N	CLR DRY	S-1STOP REAR	01 NONE 9 N/A	STRGHT W -E							000	29 00
N	3P	PORTLAND UA		CARVER RD CONN 1 EB		, ,	-	N	DAY	PDO	PSNGR CAR	-	01 DRVR	NON:	E 00	Unk	UNK	000	000	00
N		-122 30 22.36		017100100S00		(04)											UNK			
TA	40 44 34.91	-122 30 22.30		01/100100200		(0 7)											OIM			

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

104 - 108 of 139 Crash records shown.

S D M																			
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A S	3				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G E	LICNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E 2	K RES	LOC	ERROR	ACT EVENT	CAUSE
										02 NONE 9 N/A	STOP W -E							011	00
										PSNGR CAR	W -E	01 DRVR	NONE	00 Un	k UNK		000	000	00
															UNK				
01704 N N N N	05/25/2019	CLACKAMAS	1 14	STRGHT		N	N	RAIN	S-1STOP	01 NONE 0	STRGHT								29
NO RPT	SA	HAPPY VALLEY	MN 0 CLACKAMAS HWY	W	(RSDMD)	NONE	N	WET	REAR	PRVTE	W -E							000	00
N	3P	PORTLAND UA	8.14 CARVER RD CONN 1 EB	04			N	DAY	INJ	MOTRHOME		01 DRVR	NONE	72 M	OTH-Y		026	000	29
N	45 24 34.92	-122 30 22.35	017100100S00		(04)										N-RES				
	10 21 011,72	111 30 11.33	01/10010000		(01)					02 NONE 0	STOP				1, 1,20				
										PRVTE	M -E							011	00
										PSNGR CAR		01 DRVR	INJC	53 M	OR-Y OR<25		000	000	00
00717 NININI	07/07/2017	OT A OWAMA C	1 14	OMD OLIM		NT.	NT.	GI D	DIVE	0.1 NONE 0	CMD CITIE				UR<25				26
02717 N N N N COUNTY	07/07/2017 FR	CLACKAMAS HAPPY VALLEY	1 14 MN 0 CLACKAMAS HWY	STRGHT W	(NONE)	N UNKNOWN	N N	CLR DRY	BIKE SS-O	01 NONE 0 PRVTE	STRGHT E -W							007	26 00
				0.7	, ,							0.4							
N	5A	PORTLAND UA	8.15 CARVER RD CONN 1 EB	07			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	39 M	OR-Y		000	000	26
N	45 24 34.91	-122 30 21.67	017100100s00		(04)										OR<25				
											_								
											STRGHT	01 BIKE	INJA	49 M		SHLDR	000	046	00
											E W								
02244 N N N N	07/03/2019	CLACKAMAS	1 16	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
NONE	WE	HAPPY VALLEY	MN 0 CLACKAMAS HWY	SE	(NONE)	NONE	N	DRY	REAR	PRVTE	NW-SE							000	00
N	2P	PORTLAND UA	8.17 CARVER RD CONN 1 EB	03			N	DAY	INJ	PSNGR CAR		01 DRVR	INJC	52 M	OR-Y		026	000	29
N	45 24 34.51	-122 30 20.14	017100100800		(01)										OR<25				
N	45 24 34.51	-122 30 20.14	01/100100500		(01)					02 NONE 0	STOP				UR<25				
										PRVTE	NW-SE							011	00
										PSNGR CAR		01 DRVR	INJC	51 F			000	000	00
															OR<25				
01841 NNNN NONE	06/04/2019	CLACKAMAS HAPPY VALLEY	1 16 MN 0 CLACKAMAS HWY	STRGHT SE	(NONE)	N TRF SIGNAL	N	CLR DRY	S-1STOP REAR	01 NONE 9 N/A	STRGHT NW-SE							000	29 00
NOIVE	TU	HAFFI VADDEI			(NONE)	IKF SIGNAL	N	DKI	KEAK		NW-SE								
N	4P	PORTLAND UA	8.18 CARVER RD CONN 1 EB	03			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 Un	k UNK		000	000	00
N	45 24 34.25	-122 30 19.53	017100100S00		(01)										UNK				
										02 NONE 9	STOP								
										N/A PSNGR CAR	NW-SE	01 DRVR	NONE	00 112	לי דואוע		000	011 000	00
										TONGK CAR		OI DIVAK	TAOTAT	00 01.	UNK		000	000	50
00872 N N N N	03/05/2017	CLACKAMAS	1 16	STRGHT		N	N	RAIN	S-1STOP	01 NONE 0	STRGHT								27,29
NONE	SU	HAPPY VALLEY	MN 0 CLACKAMAS HWY	SE	(NONE)	TRF SIGNAL	N	WET	REAR	PRVTE	NW-SE							000	00
N	8P	PORTLAND UA	8.19 CARVER RD CONN 1 EB	03			N	DUSK	INJ	PSNGR CAR		01 DRVR	INJC	20 F	OR-Y		026	000	27,29
N	45 24 33.93	-122 30 18.94	017100100S00		(01)										OR<25				

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

109 - 113 of 139 Crash records shown.

	S D M																			
SER#	P RJS	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST	F E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT	r elgnh:	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS	S PED			
UNLOC	P D C S V L	K_LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E :	X RES	LOC	ERROR	ACT EVENT	CAUSE
											02 NONE 0 PRVTE	STOP NW-SE							011	00
											PSNGR CAR	IW-SE	01 DRVR	INJB	45 F	OR-Y		000	000	00
																OR<2!				
01945	N N N N	06/07/2018	CLACKAMAS	1 16	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
NONE		TH	HAPPY VALLEY	MN 0 CLACKAMAS HWY	SE	(NONE)	TRF SIGNAL	N	DRY	REAR	PRVTE	NW-SE							000	00
N		4P	PORTLAND UA	8.19 CARVER RD CONN 1 EB	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	50 M	OP-V		026	000	29
IN		TF	PORTLAND UA	0.19 CARVER RD CONN I EB	03			IA	DAI	INO	PSNGK CAR		OI DRVR	NONE	30 M	OR-1		020	000	29
N		45 24 33.94	-122 30 18.95	017100100S00		(01)										OR<2!	5			
											02 NONE 0	STOP							011	0.0
											PRVTE PSNGR CAR	NW-SE	01 DRVR	TNJC	51 F	OR-Y		000	011 000	00 00
											1 DIVOIC CITIC		of Bitti	11100	31 1	OR<2!		000	000	
00117	N N N N	01/12/2019	CLACKAMAS	1 16	STRGHT		N	N	RAIN	S-1STOP	01 NONE 0	STRGHT								29
NONE		SA	HAPPY VALLEY	MN 0 CLACKAMAS HWY	SE	(NONE)	NONE	N	WET	REAR	UNKN	NW-SE							000	00
N		6P	PORTLAND UA	8.19 CARVER RD CONN 1 EB	0.2			N	DARK	INJ	PSNGR CAR		01 DRVR	NONE	20 17	OD V		026	000	29
IN		6P	PORTLAND UA	0.19 CARVER RD CONN I LB	0.3			IN	DAKK	INU	PSNGR CAR		UI DRVR	NONE	20 F	OR-1		026	000	29
N		45 24 33.93	-122 30 18.94	017100100s00		(01)										OR<2!	5			
											02 NONE 0	STOP							011	0.0
											PRVTE PSNGR CAR	NW-SE	01 DRVR	NONE	66 F	OR-Y		000	011 000	00 00
											I BNOK CAK		OI DRVR	NONE	00 1	OR < 2!		000	000	00
											02 NONE 0	STOP								
											PRVTE	NW-SE							011	00
											PSNGR CAR		02 PSNG	INJC	66 F			000	000	00
		05/45/0040									0.0									
NONE	N N N N	06/15/2019 SA	CLACKAMAS HAPPY VALLEY	1 16 MN 0 CLACKAMAS HWY	STRGHT SE	(NONE)	N TRF SIGNAL	N N	CLR DRY	S-1STOP REAR	01 NONE 9 N/A	STRGHT NW-SE							000	29 00
NONE		JA.	HALLI VALLEI	PIN O CLIACITATION IN I	SE	(NOIVE)	IKI BIGNAL	14	DKI	KBAK	N/A	IW SE								
N		11A	PORTLAND UA	8.19 CARVER RD CONN 1 EB	03			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 U1	nk UNK		000	000	00
N		45 24 33.93	-122 30 18.94	017100100800		(01)										UNK				
											02 NONE 9	STOP								
											N/A	NW-SE							011	00
											PSNGR CAR		01 DRVR	NONE	00 U1			000	000	00
											0.0					UNK				
03524 NONE	N N N N	11/19/2020 TH	CLACKAMAS HAPPY VALLEY	1 16 MN 0 CLACKAMAS HWY	STRGHT	(NONE)	N TRF SIGNAL	N N	RAIN WET	S-1STOP REAR	01 NONE 9 N/A	STRGHT NW-SE							000	29 00
MOINE				THE CHACKAPING DWI	SE	(INOINE)	IKI DIGNALI	IA	AA T.; T	KEAK		IMM - OF								
N		6P	PORTLAND UA	8.19 CARVER RD CONN 1 EB	03			N	DLIT	PDO	PSNGR CAR		01 DRVR	NONE	00 U1	nk UNK		000	000	00
N		45 24 33.94	-122 30 18.94	017100100800		(01)										UNK				
						, ,					02 NONE 9	STOP								
											N/A	NW-SE							011	00
											PSNGR CAR		01 DRVR	NONE	00 U1			000	000	00
																UNK				

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CONTINUOUS SYSTEM CRASH LISTING

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CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

114 - 118 of 139 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC	CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT	FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TY	SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICN	S PED			
UNLOC? D C S V L	K LAT	LONG	MILEPN	LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	E	X RES	LOC	ERROR	ACT EVENT	CAUSE
01592 N N N N	06/12/2021	CLACKAMAS	1 10		CURVE		N	Y	CLR	FIX OBJ	01 NONE 0	TURN-L							043,00	
CITY	SA	HAPPY VALLEY	MN 0	CLACKAMAS HWY	SE	(NONE)	TRF SIGNAL	N	DRY	FIX	PRVTE	E -S							000 043	00
Y	10A	PORTLAND UA	8.20	CARVER RD CONN 1 EB	01			N	DAY	INJ	MTRCYCLE		01 DRVR	INJA	25 M	OR-Y		001	000	08
N	45 24 33.62	-122 30 18.37		017100100S00		(01)										OR<2	5			
01308 N N N N	04/24/2019	CLACKAMAS	1 1	4 1	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
NONE	WE	HAPPY VALLEY	CN 0	CARVER RD CONN 1 EB	E	(NONE)	NONE	N	DRY	REAR	PRVTE	M -E							000	00
N	12P	PORTLAND UA	8.17	CLACKAMAS HWY	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	74 F	OR-Y		026	000	29
N	45 24 34.76	-122 30 20.16		0171AU100S00		(04)										OR<2	5			
											02 NONE 0	STOP								
											PRVTE	M -E							011	00
											PSNGR CAR		01 DRVR	INJC	67 F	OR-Y		000	000	00
03324 N N N N	11/03/2021	CLACKAMAS	1 1	4 1	STRGHT		Y	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
NONE	WE	HAPPY VALLEY				(RSDMD)	UNKNOWN	N	DRY	REAR	PRVTE	W -E							000	00
N	8A	PORTLAND UA	8.17	CLACKAMAS HWY	05			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	31 F	OTH-	Y	026	000	29
N	45 24 34.76	-122 30 20.15		0171AU100S00		(02)										OR<2	5			
											02 NONE 0	STOP								
											PRVTE	M -E	01 555		21 -	0.5		0.00	011	00
											PSNGR CAR		01 DRVR	INJB	31 F	OR-Y		000	000	00
01553 N N N N	05/04/2018	CLACKAMAS	1 1	1 1	STRGHT		Y	N	CLR	S-STRGHT	01 NONE 1	STRGHT				010 12				29
CITY	FR	HAPPY VALLEY		CARVER RD CONN 1 EB		(NONE)	TRF SIGNAL	N	DRY	REAR	PRVTE	W -E							000	00
N	6A	PORTLAND UA	8.17	CLACKAMAS HWY	03			N	DAWN	INJ	PSNGR CAR		01 DRVR	NONE	30 M	SUSP		073,026	000	29
N	45 24 34.76	-122 30 20.15		0171AU100S00		(02)										OR>2	5			
											02 NONE 0 PRVTE	STOP W -E							011	00
											PSNGR CAR	W -E	01 DRVR	INJC	26 F	OR-Y		000	000	00
																OR<2	5			
01604 N N N N	N 06/22/2020	CLACKAMAS	1 1	4 1	STRGHT		Y	N	CLR	S-1STOP	01 NONE 0	STRGHT							013	27,29
CITY	MO	HAPPY VALLEY	CN 0	CARVER RD CONN 1 EB	W	(NONE)	TRF SIGNAL	N	DRY	REAR	PRVTE	M - E							000	00
N	7P	PORTLAND UA	8.18	CLACKAMAS HWY	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	45 M	OR-Y		026	038	27,29
N	45 24 34.77	-122 30 19.52		0171AU100S00		(04)										OR<2	5			
											02 NONE 0	STOP								
											PRVTE	W -E	•	_		_		0.5.7	011 013	00
											PSNGR CAR		01 DRVR	INJC	23 M	OR-Y OR<2		000	000	00
											03 NONE 0	STOP								
											PRVTE PSNGR CAR	W -E	01 DRVR	TNITC	20 1	Oυ 27		000	022 000	0 0 0 0
											FBNGK CAR		OI DKAK	TIMOC	∠∪ F	OR-1		000	000	00
																520.2	-			

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

119 - 123 of 139 Crash records shown.

S D M																					
SER# P R J S	W DATE	COUNTY	RD# FC	CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U I C	O DAY	CITY	COMPNT	FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP	SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E L	ICNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT	LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	Y E	X R	ES	LOC	ERROR	ACT EVENT	CAUSE
04025 N N N N	11/03/2018	CLACKAMAS	1 14		INTER	3-LEG	N	N	CLR	S-1STOP	01 NONE 9	STRGHT									29
NONE	SA	HAPPY VALLEY	CN 0	CLACKAMAS HWY	E		TRF SIGNAL	N	DRY	REAR	N/A	E -W								000	00
N	5P	PORTLAND UA	8.19	CARVER RD CONN 1 EB	06	1		N	DUSK	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk U	ЛK		000	000	00
N	45 24 34.77	-122 30 18.88		0171AU100S00												U.	NK				
											02 NONE 9	STOP								011	00
											N/A PSNGR CAR	E -W	01 DRVR	NONE	0.0	Unk U	NK		000	011 000	00
											1 DINGIT GIAC		01 211711	1,01,1			NK				
03197 N N N N N	N 08/05/2017	CLACKAMAS	1 14	1	INTER	3-LEG	N	N	CLR	O-1STOP	01 NONE 9	BACK									10
COUNTY	SA	HAPPY VALLEY	CN 0	CLACKAMAS HWY	W		TRF SIGNAL	N	DRY	BACK	N/A	E -W								000	00
N	12P	PORTLAND UA	8.19	CARVER RD CONN 1 EB	06	0		N	DAY	PDO	SEMI TOW		01 DRVR	NONE	00	Unk U	NK		000	000	00
N	45 24 34.77	-122 30 18.88		0171AU100S00												U.	NK				
											02 NONE 9	STOP									
											N/A PSNGR CAR	W -E	01 DRVR	MONTE	0.0	TTl- TT	NTIZ.		000	011 000	0 0 0 0
											PSNGR CAR		UI DRVR	NONE	00	-	NK NK		000	000	00
02663 N N N N	07/31/2018	CLACKAMAS	1 14	1	INTER	3-LEG	N	N	CLR	O-1STOP	01 NONE 9	BACK									10
NONE	TU	HAPPY VALLEY	CN 0	CLACKAMAS HWY	W		TRF SIGNAL	N	DRY	BACK	N/A	E -W								000	00
N	8A	PORTLAND UA	8.19	CARVER RD CONN 1 EB	06	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk U	NK		000	000	00
N	45 24 34.77	-122 30 18.88		0171AU100S00												U.	NK				
											02 NONE 9	STOP									
											N/A TRUCK	W -E	01 DRVR	NONE	0.0	IInk II	NIK		000	011 000	0 0 0 0
											IKOCK		OI DRVR	NOINE	00		NK		000	000	00
01286 N N N N	04/22/2019	CLACKAMAS	1 14	1	INTER	3-LEG	N	N	CLR	S-1STOP	01 NONE 0	STRGHT									27,29
NONE	MO	HAPPY VALLEY	CN 0	CLACKAMAS HWY	W		TRF SIGNAL	N	DRY	REAR	PRVTE	W -E								000	00
N	7A	PORTLAND UA	8.19	CARVER RD CONN 1 EB	06	0		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	46	M O	R-Y		026	038	27,29
N	45 24 34.77	-122 30 18.88		0171AU100S00												0	R<25				
											02 NONE 0										
											PRVTE PSNGR CAR	W -E	01 DRVR	NONE	20	M O	ע_עייי		000	011 000	00 00
													OI DRVR	NONE	30		-RES		000	000	00
											02 NONE 0 PRVTE	STOP W -E								011	00
											PSNGR CAR	13	02 PSNG	INJC	39	М			000	000	00
01118 N N N N N	N 04/06/2019	CLACKAMAS	1 14	1	INTER	3-LEG	N	Y	RAIN	FIX OBJ	01 NONE 9	STRGHT								040,05	5 25
COUNTY	SA	HAPPY VALLEY	CN 0	CLACKAMAS HWY	W		TRF SIGNAL	N	WET	FIX	N/A	W -E								000	00
N	8P	PORTLAND UA	8.19	CARVER RD CONN 1 EB	06	0		N	DLIT	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk U	ЛK		000	000	00
N	45 24 34.77	-122 30 18.88		0171AU100S00												U.	NK				

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

124 - 127 of 139 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC	CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT	FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP	SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LIC	NS PE	:D		
UNLOC? D C S V L	K LAT	LONG	MILEPNT	LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	ТО	P# TYPE	SVRT	Y E	X RES	LO	C ERROR	ACT EVENT	CAUSE
00245 N N N N	01/20/2020	CLACKAMAS	1 14	. 1	INTER	3-LEG	N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
NONE	MO	HAPPY VALLEY	CN 0	CLACKAMAS HWY	W		TRF SIGNAL	N	DRY	REAR	PRVTE	W -E							000	00
N	3P	PORTLAND UA	8.19	CARVER RD CONN 1 EB	06	0		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	56	F OR-	Y	026	000	29
N	45 24 34.78	-122 30 18.88		0171AU100S00												OR<	25			
											02 NONE 0	STOP								
											PRVTE	W -E	0.1		= 0				011	00
											PSNGR CAR		01 DRVR	INJC	58	F OR- OR<		000	000	00
00027 N N N N	01/04/2021	CLACKAMAS	1 14	: 1	INTER	3-LEG	N	N	RAIN	S-1STOP	01 NONE 0	STRGHT								29
NONE	MO	HAPPY VALLEY	CN 0	CARVER RD CONN 1 EB	W		TRF SIGNAL	N	WET	REAR	PRVTE	M -E							000	00
N	5P	PORTLAND UA	8.19	CLACKAMAS HWY	06	0		N	DARK	INJ	PSNGR CAR		01 DRVR	NONE	00	F OR-	Y	026	000	29
N	45 24 34.77	-122 30 18.89		0171AU100S00												UNK				
											02 NONE 0	STOP								
											PRVTE	W -E							011	00
											PSNGR CAR		01 DRVR	INJC	40	M OR- OR<		000	000	00
03906 N N N N	11/06/2019	CLACKAMAS	2 14		STRGHT		Y	N	CLR	S-1STOP	01 NONE	STRGHT							013	29
COUNTY	WE	HAPPY VALLEY	MN 0	CLACKAMAS HWY	W	(NONE)	TRF SIGNAL	N	DRY	REAR	PRVTE	M -E							000	00
N	7P	PORTLAND UA	8.16	CARVER RD CONN 1 EB	04			N	DLIT	INJ	PSNGR CAR		01 DRVR	NONE	23	M OR-	Y	026	000	29
N	45 24 34.9	-122 30 20.97		017100200S00		(04)										OR<	25			
											02 NONE	STOP								
											PRVTE	W -E							011 013	00
											PSNGR CAR		01 DRVR	NONE	44	M OR- OR<		000	000	00
											03 NONE	STOP								
											PRVTE PSNGR CAR	W -E	01 DRVR	TNIC	6.1	M OD	37	000	022 022	00 00
											PSNGR CAR		UI DRVR	INOC	04	M OR- OR>		000	022	00
01556 Y N N N N	N 04/25/2017	CLACKAMAS	2 14		STRGHT		N	N	RAIN	S-1STOP	01 NONE 0	STRGHT							124	30,29,32
COUNTY		HAPPY VALLEY		CARVER RD CONN 1 EB		(NONE)	TRF SIGNAL		WET	REAR	PRVTE	W -E							000 124	00
N	12P	PORTLAND UA	8.17	CLACKAMAS HWY	03			N	DAY	INJ	PSNGR CAR		01 DRVR	INJC	21	M OR-	Y	050,026,052	2 000	30,29,32
N	45 24 34.89	-122 30 20.27		017100200S00		(02)										OR<	25			
											02 NONE 0	STOP								
											PRVTE PSNGR CAR	M -E	01 0000	TNIC		M OD	37	000	011 000	0.0
											PSNGR CAR		01 DRVR	INUC		OR-				00
00103 N N N N	01/12/2021	CLACKAMAS	2 14		STRGHT		N	N	RAIN	S-STRGHT	01 NONE 0	STRGHT								29
NO RPT	TU	HAPPY VALLEY		CLACKAMAS HWY	W	(RSDMD)	NONE	N	WET	REAR	PRVTE	E -W							000	00
N	6P	PORTLAND UA	8.17	CARVER RD CONN 1 EB	04			N	DARK	INJ	PSNGR CAR		01 DRVR	NONE	32			042	000	29
N	45 24 34.9	-122 30 20.27		017100200S00		(04)										OR<	25			

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

128 - 132 of 139 Crash records shown.

S D M																				
SER# P R J	S W DATE	COUNTY	RD#	FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I	C O DAY	CITY	COMP	NT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT E L G N	H R TIME	URBAN AREA	MLG	TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICN	S PED			
UNLOC? D C S V	L K LAT	LONG	MILE	PNT_LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	Y E	X RES	LOC	ERROR	ACT EVENT	CAUSE
											02 NONE 0 PRVTE	STRGHT E -W							000	00
											PSNGR CAR	-	01 DRVR	INJC	76 I	F OR-Y		000	000	00
																OR<2	5			
00429 N N N N	N N 02/02/2020	CLACKAMAS	2	14	STRGHT		Y	N	CLR	OTH OBJ	01 NONE 9	STRGHT							040,09	8 10
STATE	SU	HAPPY VALLEY	MN	0 CARVER RD CONN 1 EB	W	(RSDMD)	NONE	N	DRY	FIX	N/A	E -W							000	00
N	4 P	PORTLAND UA	8.	18 CLACKAMAS HWY	04			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 τ	Jnk UNK		000	000	00
N	45 24 34.88	-122 30 19.56		017100200S00		(04)										UNK				
00875 N Y N N	N N 03/07/2020	CLACKAMAS	2	14	STRGHT	'	N	N	RAIN	OTH OBJ	01 NONE 9	STRGHT							044	10
CITY	SA	HAPPY VALLEY	MN	0 CLACKAMAS HWY	W	(RSDMD)	TRF SIGNAL	N	WET	FIX	N/A	E -W							000	00
N	1A	PORTLAND UA	8.	18 CARVER RD CONN 1 EB	05			N	DLIT	PDO	PSNGR CAR		01 DRVR	NONE	υ 00	Jnk UNK		000	000	00
N	45 24 34.88	-122 30 19.56		017100200S00		(04)										UNK				
02516 N N N N	06/25/2017	CLACKAMAS	2	14	INTER		N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
NONE	SU	HAPPY VALLEY	MN	0 CLACKAMAS HWY	E		TRF SIGNAL	N	DRY	REAR	PRVTE	W -E							000	00
N	5P	PORTLAND UA	8.	19 CARVER RD CONN 1 EB	06	0		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	55 I	M OR-Y		026	000	29
N	45 24 34.77	-122 30 18.88		017100200S00												OR<2	5			
											02 NONE 0	STOP								
											PRVTE	W -E							011	00
											PSNGR CAR		01 DRVR	INJC	51 I	F OR-Y OR<2		000	000	00
02945 N N N N	07/21/2017	CLACKAMAS	2	14	INTER	3-LEG	N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
NO RPT	FR	HAPPY VALLEY	MN	0 CLACKAMAS HWY	SE		YIELD	N	DRY	REAR	PRVTE	SW-NE							000	00
N	3P	PORTLAND UA	8.	19 CARVER RD CONN 1 EB	09	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	25 I	M OR-Y		026	000	29
N	45 24 34.77	-122 30 18.88		017100200S00												OR<2	5			
											02 NONE 0	STOP								
											PRVTE	SW-NE							011	00
											PSNGR CAR		01 DRVR	INJC	47 1	F OR-Y OR<2		000	000	00
											02 NONE 0	STOP								
											PRVTE	SW-NE							011	00
											PSNGR CAR		02 PSNG	INJC	23 I	?		000	000	00
											02 NONE 0	STOP								
											PRVTE	SW-NE							011	00
											PSNGR CAR		03 PSNG	NO<5	01 I	7		000	000	00
											02 NONE 0	STOP								
											PRVTE	SW-NE							011	00
											PSNGR CAR		04 PSNG	NO<5	02 1	N		000	000	00

NSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION Page: 60

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS

Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

MANDIONIATION DATA DECITON CNADII AMATEIDID AND N

CONTINUOUS SYSTEM CRASH LISTING

133 - 136 of 139 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U I C		CITY	COMPNT FIRST STREET	DIRECT		INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				A S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ		G E	LICNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	ТО	P# TYPE	SVR	TY :	E X	RES	LOC	ERROR	ACT EVENT	CAUSE
00744 N N N N	02/25/2020	CLACKAMAS	2 14	INTER	3-LEG	N	N	CLR	S-1STOP	01 NONE 9	STRGHT									29
NONE	TU	HAPPY VALLEY	MN 0 CLACKAMAS HWY	SE		TRF SIGNAL	N	DRY	REAR	N/A	SW-NE								000	00
N	7A	PORTLAND UA	8.19 CARVER RD CONN 1 EB	09	1		N	DAWN	PDO	PSNGR CAR		01 DRVR	NON	E 0) Unl	c UNK		000	000	00
N	45 24 34.76	-122 30 18.87	017100200s00													UNK				
										02 NONE 9	STOP									
										N/A PSNGR CAR	SW-NE	01 DRVR	NION	E 0.) IInl	e TINIV		000	011 000	00
										PSNGR CAR		UI DRVR	NON	E U	J UIII	UNK		000	000	00
03700 N N N N	09/09/2017	CLACKAMAS	2 14	INTER	3-LEG	N	N	CLR	S-1STOP	01 NONE 0	STRGHT									29
NONE	SA	HAPPY VALLEY	MN 0 CLACKAMAS HWY	S		TRF SIGNAL	N	DRY	REAR	PRVTE	S -N								000	00
N	7 _P	PORTLAND UA	8.19 CARVER RD CONN 1 EB	06	0		N	DUSK	INJ	PSNGR CAR		01 DRVR	NON	E 1	5 F	OR-Y		026	000	29
N	45 24 34.77	-122 30 18.88	017100200800													OR<25				
										02 NONE 0	STOP									
										PRVTE	S -N	0.0							011	00
										PSNGR CAR		01 DRVR	INJ	C 5	2 F	OR-Y OR<25		000	000	00
01616 N N N N N	N 06/14/2021	CLACKAMAS	2 14	INTER	3-LEG	N	N	CLR	S-1STOP	01 NONE 0	STRGHT					01(123			013	29
COUNTY	MO	HAPPY VALLEY	MN 0 CLACKAMAS HWY	S	3-HEG	TRF SIGNAL	N	DRY	REAR	PRVTE	S -N								000	00
N	9P	PORTLAND UA	8.19 CARVER RD CONN 1 EB	06	0		N	DLIT	INJ	PSNGR CAR		01 DRVR	INJ	в 4!	5 M	OR-Y		026	000	29
N	45 24 34.77	-122 30 18.88	017100200S00													OR<25				
IN	45 24 54.77	-122 30 10.00	01/100200500							02 NONE 0	STOP					OR<25				
										PRVTE	S -N								011 013	00
										PSNGR CAR		01 DRVR	INJ	C 2:	2 M	OR-Y OR<25		000	000	00
										03 NONE 0	STOP					UR<25				
										PRVTE	S -N								022	00
										PSNGR CAR		01 DRVR	NON	E 2	3 M			000	000	00
																OR<25				
05421 N N N N	12/19/2017	CLACKAMAS	2 14	INTER	3-LEG	N	N	RAIN	S-1STOP	01 NONE 0	STRGHT									29
NONE	TU	HAPPY VALLEY	MN 0 CLACKAMAS HWY	W		TRF SIGNAL	N	WET	REAR	PRVTE	W -E								000	00
N	5P	PORTLAND UA	8.19 CARVER RD CONN 1 EB	06	2		N	DUSK	INJ	PSNGR CAR		01 DRVR	NON	E 5	3 M	OR-Y		026	000	29
N	45 24 34.77	-122 30 18.88	017100200S00													OR<25				
										02 NONE 0	STOP W -E								011	0.0
										PRVTE PSNGR CAR	M -F	01 DRVR	TNJ	C 3	ъ F	OR-Y		000	011 000	00
										1 STIGHT GIAT		01 2	1110		-	OR<25				
03026 N N N N	10/12/2021	CLACKAMAS	2 14	INTER	3-LEG	N	N	RAIN	ANGL-OTH	01 NONE 9	STRGHT								013	04
NONE	TU	HAPPY VALLEY	MN 0 CLACKAMAS HWY	CN		TRF SIGNAL	N	WET	TURN	N/A	E -W								000	00
N	7P	PORTLAND UA	8.19 CARVER RD CONN 1 EB	02	2		N	DLIT	PDO	PSNGR CAR		01 DRVR	NON	E 0) Unl	c UNK		000	000	00
N	45 24 34.78	-122 30 18.89	017100200S00													UNK				

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CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

171: CLACKAMAS Highway 171 ALL ROAD TYPES, MP 7.40 to 8.22 01/01/2017 to 12/31/2021, Both Add and Non-Add mileage

137 - 139 of 139 Crash records shown.

S D M																			
SER# P R J S	S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I	C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT E L G N I	H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS	PED			
UNLOC? D C S V I	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	Е	X RES	LOC	ERROR	ACT EVENT	CAUSE
										02 NONE 9	TURN-L								
										N/A	S -W							000	00
										OTH BUS		01 DRVR	NONE	00 τ	Ink UNK		000	000	00
															UNK				
01138 N N N N	04/04/2018	CLACKAMAS	2 14	INTER	3-LEG	N	N	CLR	0-1 L-TU	RN 01 NONE 0	STRGHT								04
NO RPT	WE	HAPPY VALLEY	MN 0 CLACKAMAS HWY	CN		TRF SIGNAL	N	DRY	TURN	PRVTE	M -E							000	00
N	10P	PORTLAND UA	8.19 CARVER RD CONN 1 EB	03	1		N	DLIT	INJ	PSNGR CAR		01 DRVR	NONE	48 F	OR-Y		020	000	04
N	45 24 34.77	-122 30 18.88	017100200800												OR<25	i			
										02 NONE 0	TURN-L								
										PRVTE	E -S							000	00
										PSNGR CAR		01 DRVR	INJC	37 F	OR-Y		000	000	00
															OR<25	i			
00838 N N N N	03/30/2021	CLACKAMAS	2 14	INTER	3-LEG	N	N	CLR	0-1 L-TU	RN 01 NONE 0	STRGHT								02,08
NO RPT	TU	HAPPY VALLEY	MN 0 CLACKAMAS HWY	CN		TRF SIGNAL	N	DRY	TURN	PRVTE	W -E							000	00
N	7A	PORTLAND UA	8.19 CARVER RD CONN 1 EB	03	0		N	DAWN	INJ	MTRCYCLE		01 DRVR	INJA	35 N	I OR-Y		000	000	00
N	45 24 34.77	-122 30 18.87	017100200S00												OR<25	;			
										02 NONE 0	TURN-L								
										PRVTE	E -S							000	00
										PSNGR CAR		01 DRVR	NONE	00 t	Ink UNK		028,004	000	02,08
															UNK				

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TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

CDS380 OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION Page: 1

CONTINUOUS SYSTEM CRASH LISTING

174: CLACKAMAS-BORING Highway 174 ALL ROAD TYPES, MP 0.03 to 1.10 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

1 - 5 of 97 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHA	R INT-TYP	E				SPCL USE										
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN) INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			i	A S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREE	T LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INC	J (G E L	ICNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES) CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVF	RTY I	E X R	RES	LOC	ERROR	ACT EVENT	CAUSE
01917 N N N N	06/10/2019	CLACKAMAS	1 14	INTER	3-LEG	N	N	CLR	S-1STOP	01 NONE 9	STRGHT									29
NONE	MO	HAPPY VALLEY	MN 0 CLACKAMAS H	IY SE		YIELD	N	DRY	REAR	N/A	NE-SW								000	00
N	12P	PORTLAND UA	0.03 CARVER RD CO	DNN 1 EB 09	1		N	DAY	PDO	PSNGR CAR		01 DRVR	NON	1E 00) Unk U	JNK		000	000	00
N	45 24 34.77	-122 30 18.88	017400100S0)											U	JNK				
										02 NONE 9	STOP									
										N/A	NE-SW	01 pprm		0/	1			0.00	011	00
										PSNGR CAR		01 DRVR	NON	1E 00		JNK JNK		000	000	00
02114 N. N. N. N.	11/10/0000	CT 2 CV 2 M 2 C	1 14	TAIMED	2.100		3.7	D 2 T 2 T 2 T 2 T 2 T 2 T 2 T 2 T 2 T 2	ANIOT OFFI	01 NOVE 0	OMD GUM)INIX				
03114 N N N N NONE	11/18/2020 WE	CLACKAMAS HAPPY VALLEY	1 14 MN 0 CLACKAMAS HI	INTER IY CN	3-LEG	N TRF SIGNAL	N N	RAIN WET	ANGL-OTH TURN	01 NONE 9 N/A	STRGHT SE-NW								000	04 00
NONE	ME	HAFFI VALUEI	PIN 0 CHACKAMAS III	VI CIN		INF SIGNAL	IN	MET	10101	N/A	SE-IW								000	00
И	7 _P	PORTLAND UA	0.03 CARVER RD CO	NN 1 EB 02	2		N	DARK	PDO	PSNGR CAR		01 DRVR	NON	1E 00) Unk U	JNK		000	000	00
N	45 24 34.77	-122 30 18.88	017400100S0)											U	JNK				
										02 NONE 9	TURN-L								000	0.0
										N/A OTH BUS	S -NW	01 DRVR	MON	JE ∩(ו ווחליוו	TNTK		000	000	00
										0111 205		OI DICVIC	1101			JNK		000	000	0.0
01092 N N N N	03/22/2020	CLACKAMAS	1 14	INTER	3-LEG	N	N	CLR	ANGL-OTH	01 NONE 9	STRGHT									04
NONE	SU	HAPPY VALLEY	MN 0 CLACKAMAS H			TRF SIGNAL	N	DRY	TURN	N/A	E -W								000	00
N	3P	PORTLAND UA	0.03 CARVER RD CO	ONN 1 EB 04	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NON	1E 00) Unk U	JNK		000	000	00
N	45 24 34.77	-122 30 18.88	017400100S0)											U	JNK				
										02 NONE 9	TURN-L									
										N/A	S -W	01 DDIM	NION	TTI 0/) II1- II	TATIZ		0.00	000	00
										PSNGR CAR		01 DRVR	NOI	NE U		JNK		000	000	00
04067 N N N N	09/30/2017	CLACKAMAS	1 14	STRGHT		N	N	UNK	S-1STOP	01 NONE 0	STRGHT									29
NONE	SA		MN 0	UN	(NONE)	UNKNOWN	N	WET	REAR	UNKN	E -W								000	00
N N	1P 45 24 34.44	PORTLAND UA -122 30 17.47	0.05 017400100s0	04	(04)		N	DAY	INJ	UNKNOWN		01 DRVR	NON	1E 0(JNK JNK		026	000	29
IN	45 24 54.44	-122 30 17.47	01/400100300	,	(04)					02 NONE 0	STOP				U)INIC				
										PRVTE	E -W								011	00
										PSNGR CAR		01 DRVR	INC	JC 39)R-Y)R<25		000	000	00
02554 N N N N	02/06/2019	CLACKAMAS	1 14	STRGHT		Y	N	CLR	S-1STOP	01 NONE 0	STRGHT									29
NONE	WE	CTT ICICHIND	MN 0	UN	(NONE)	L-GRN-SIG	N	DRY	REAR	PRVTE	E -W								000	00
N	2P	PORTLAND UA	0.06	05	,		N	DAY	INJ	PSNGR CAR		01 DRVR	NON	NE 68	3 F O	R-Y		026	000	29
N	45 24 34.25	-122 30 16.79	017400100S0)	(05)										0	R<25				
										02 NONE 0	STOP									
										PRVTE	E -W	0.5			_				011	00
										PSNGR CAR		01 DRVR	INC	JC 68)R-Y)R<25		000	000	00
										02 NONE 0	STOP									
										PRVTE	E -W	00 505-		Ta 6				0.00	011	00
										PSNGR CAR		02 PSNG	INC	JC 68	5 M			000	000	00

OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION

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CONTINUOUS SYSTEM CRASH LISTING 174: CLACKAMAS-BORING Highway 174 ALL ROAD TYPES, MP 0.03 to 1.10 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION CDS380 Page: 3

CONTINUOUS SYSTEM CRASH LISTING

Highway 174 ALL ROAD TYPES, MP 0.03 to 1.10 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage 174: CLACKAMAS-BORING

6 - 11 of 97 Crash records shown.

S D M																			
SER# P R J S	S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I	C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT E L G N I	H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LI	CNS PED			
UNLOC? D C S V I	L K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	Y E	X RE	5 LOC	ERROR	ACT EVENT	CAUSE
03493 N N N N	11/16/2021	CLACKAMAS	1 14	CURVE		Y	N	CLR	S-1STOP	01 NONE 0	STRGHT			,					29
NONE	TU		MN 0	UN	(NONE)	L-GRN-SIG	N	DRY	REAR	PRVTE	E -W							000	00
N	10A	PORTLAND UA	0.06	05			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	55	F OR	-Y	026	000	29
N	45 24 34.24	-122 30 16.79	017400100S00		(04)										OR	25			
										02 NONE 0	STOP								
										PRVTE	E -W							012	00
										PSNGR CAR		01 DRVR	INJC	65	F OR		000	000	00
00145 N N N N	01/13/2018	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
NONE	SA		MIN 0	UN	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	E -W							000	00
N	5P	PORTLAND UA	0.06	06			N	DUSK	INJ	MTRCYCLE		01 DRVR	NONE	61	M OR	-Y	026	000	29
N	45 24 34.26	-122 30 16.77	017400100S00		(04)										OR-	25			
										02 NONE 0	STOP								
										PRVTE	E -W							011	00
										PSNGR CAR		01 DRVR	INJC	48		-Y <25	000	000	00
01227 N N N N	03/31/2017	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 9	STRGHT								29
NONE	FR		MIN 0	UN	(NONE)	UNKNOWN	N	DRY	REAR	N/A	W -E							000	00
N	7A	PORTLAND UA	0.07	03			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UN	7	000	000	00
N	45 24 34.02	-122 30 16.12	017400100S00		(04)										UN	ζ			
										02 NONE 9	STOP								
										N/A	W -E							011	00
										PSNGR CAR		01 DRVR	NONE	00	Unk UNI		000	000	00
02272 Y N N N I	N N 06/09/2017	CLACKAMAS	1 14	STRGHT		N	N	RAIN	S-1STOP	01 NONE 0	STRGHT			'					01,07
COUNTY	FR		MIN 0	UN	(NONE)	TRF SIGNAL	N	WET	REAR	UNKN	SE-NW							000	00
N	6P	PORTLAND UA	0.07	05			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	00			047,043,026	000	01,07
N	45 24 34.02	-122 30 16.12	017400100S00		(04)										UN				
										02 NONE 0	STOP							011	0.0
										PRVTE	SE-NW	01 DD77D	TNIC	2.0	E OD	V	000	011 000	00
										PSNGR CAR		01 DRVR	INJC	30	OR-		000	000	00
03710 N N N N	10/14/2018	CLACKAMAS	1 14	STRGHT		Y	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
NONE	SU		MN 0	UN	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	E -W							000	00
N N	4P 45 24 34	PORTLAND UA -122 30 16.08	0.07 017400100S00	05	(04)		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	44		-Y <25	026	000	29
										02 NONE 0	STOP								
										PRVTE	E -W							011	00
										PSNGR CAR		01 DRVR	INJC	58	M OR	-Y	000	000	00
															OR	<25			
00788 Y Y N N I		CLACKAMAS	1 14	STRGHT	(1701)	N	N	RAIN		01 NONE 0	TURN-R							000	01,02
CITY	SU	דיי מוגי וחסס	MN 0	UN	(NONE)	NONE	N	WET	TURN	PRVTE	SW-SE	מזמט 11	MONTE	17	M OF	v	047 001	000	00
N N	8P 45 24 34 02	PORTLAND UA -122 30 16.14	0.07 017400100S00	05	(04)		N	DUSK	INJ	PSNGR CAR		01 DRVR	NONE	47		-Y <25	047,001	000	01,02
TA	40 44 54.02	-122 30 10.14	01/400100500		(04)					02 NONE 0	STOP				UR.	.20			
																			0.0
										PRVTF.	SE-NW							011	()()
										PRVTE PSNGR CAR	SE-NW	01 DRVR	INTC	31	M OR	- Y	000	011 000	00

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174: CLACKAMAS-BORING

CONTINUOUS SYSTEM CRASH LISTING Highway 174 ALL ROAD TYPES, MP 0.03 to 1.10 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

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Highway 174 ALL ROAD TYPES, MP 0.03 to 1.10 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage 174: CLACKAMAS-BORING

12 - 18 of 97 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				A S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ		G E	LICNS	PED			
UNLOC? D C S V L		LONG	MILEPNT LRS		(#LANES)			LIGHT		V# TYPE	TO	P# TYPE					LOC	ERROR	ACT EVENT	CAUSE
03700 N N N N	10/12/2018	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 9	STRGHT									27,29
NONE	FR		MN 0	UN	(NONE)	NONE	N	DRY	REAR	N/A	E -W								000	00
N	2P	PORTLAND UA	0.07	06			N	DAY	PDO	PSNGR CAR		01 DRVR	NON	E 0	0 Unk	UNK		000	000	00
N	45 24 34.04	-122 30 16.13	017400100S00		(04)											UNK				
										02 NONE 9	STOP									
										N/A	E -W								011	00
										PSNGR CAR		01 DRVR	NON	E 0		UNK UNK		000	000	00
04679 N N N N	11/07/2017	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-STRGHT	01 NONE 9	STRGHT									13
NO RPT	TU		MN 0	UN	(NONE)	UNKNOWN	N	DRY	SS-O	N/A	W -E								052	00
N	6P	PORTLAND UA	0.09	03			N	DUSK	PDO	PSNGR CAR		01 DRVR	NON	E 0	0 Unk	UNK		000	000	00
N	45 24 33.46	-122 30 14.88	017400100800		(02)											UNK				
										02 NONE 9	STRGHT									
										N/A	W -E	0.1 DDITE	37037	- 0	0 - 77 1-			000	000	00
										PSNGR CAR		01 DRVR	NON	E U		UNK UNK		000	000	00
																UNK				
01734 N N N N	05/28/2019	CLACKAMAS	1 14	STRGHT	(270277)	N	N	CLR	S-STRGHT		STRGHT								0.00	13
NONE N	TU 9A	מזו מוא אחר ווא	MN 0 0.09	UN 04	(NONE)	NONE	N	DRY	SS-0	N/A	W -E	01 DRVR	NIONI	т О	0 IInle	TINIZ		000	000	00 00
N N	45 24 33.46	PORTLAND UA -122 30 14.89	017400100S00	04	(02)		N	DAY	PDO	PSNGR CAR		UI DRVR	NON	E U		UNK		000	000	00
IN	45 24 55.40	-122 30 14.09	01/400100500		(02)					02 NONE 9	STRGHT					OINIX				
										N/A	W -E								000	00
										PSNGR CAR		01 DRVR	NON	E 0	0 Unk	UNK		000	000	00
																UNK				
02735 N N N N N	N 10/10/2020	CLACKAMAS	1 14	TRANS		N	N	RAIN	S-STRGHT	01 NONE 0	STRGHT									02
STATE	SA		MN 0	UN	(NONE)	NONE	N	WET	SS-O	PRVTE	W -E								052	00
N	5P	PORTLAND UA	0.10	03			N	DAY	INJ	PSNGR CAR		01 DRVR	NON	E 7	7 M	OR-Y		028	000	02
N	45 24 33.15	-122 30 14.3	017400100800		(02)											OR<25				
										02 NONE 0	STRGHT									
										PRVTE	W -E	0.1			2 16			000	052	00
										PSNGR CAR		01 DRVR	INJ	В 3		OR-Y OR>25		000	000	00
																UR>25				
02623 N N N N	07/27/2018	CLACKAMAS	1 14	STRGHT	(2102111)	N	N	CLR	S-1STOP	01 NONE 0	STRGHT								000	29
NONE N	FR 12P	PORTLAND UA	MN 0 0.12	UN 04	(NONE)	UNKNOWN	N N	DRY DAY	REAR	PRVTE PSNGR CAR	E -W	01 DRVR	NIONI	TT E	4 м	OD W		026	000	00 29
N		-122 30 13.19	017400100S00	04	(02)		IN	DAI	INJ	PSNGR CAR		UI DRVR	INOIN	E 5		OR-1 OR<25		026	000	29
11	13 21 32.13	122 30 13.19	017100100000		(02)					02 NONE 0	STOP					010 123				
										PRVTE	E -W								011	00
										PSNGR CAR		01 DRVR	INJ	C 4	2 M	OR-Y		000	000	00
																OR<25				
03111 N N N N N		CLACKAMAS	1 14	CURVE		N	Y	CLR	FIX OBJ	01 NONE 9	STRGHT								043	27
COUNTY	SU		MN 0	UN	(NONE)	UNKNOWN	N	DRY	FIX	N/A	W -E								000	00
Y	7A	PORTLAND UA	0.15	02			N	DAY	PDO	PSNGR CAR		01 DRVR	NON	E 0				000	000	00
N	45 24 31.47	-122 30 11.45	017400100800		(02)											UNK				
03172 Y Y N N N		CLACKAMAS	1 14	CURVE		N	Y	CLR	FIX OBJ	01 NONE 0	STRGHT								126,04	
COUNTY	SA		MN 0	UN	(NONE)	UNKNOWN	N	DRY	FIX	PRVTE	W -E								000 126,04	
Y	2A	PORTLAND UA	0.21	01	(00)		N	DARK	INJ	PSNGR CAR		01 DRVR	INJ	В 3				050,079	000	30
N	45 24 30.37	-122 30 7.37	017400100S00		(02)											OR<25				

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174: CLACKAMAS-BORING

CONTINUOUS SYSTEM CRASH LISTING Highway 174 ALL ROAD TYPES, MP 0.03 to 1.10 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

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CONTINUOUS SYSTEM CRASH LISTING

Highway 174 ALL ROAD TYPES, MP 0.03 to 1.10 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage 174: CLACKAMAS-BORING

19 - 26 of 97 Crash records shown.

	S D M																			
	P RJS	וא האייני	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
	EAUIC		CITY	COMPNT FIRST STREET	DIRECT		INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	c				
													DDMG	T.N.T.			IG DED			
	E L G N H D C S V L		URBAN AREA LONG	MLG TYP SECOND STREET MILEPNT LRS	LOCTN	LEGS (#LANES)	TRAF-	RNDBT	SURF LIGHT	COLL SVRTY	OWNER V# TYPE	FROM TO	PRTC P# TYPE			E LICN	LOC	ERROR	ACT EVENT	CATISE
	NNNNN		CLACKAMAS	1 14	CURVE	(12 11 11 11 1	N	N	RAIN	O-STRGHT	01 NONE 9	STRGHT	1 11111	BVICII		n REE	100	Bittoit	TICT EVENT	05
STATE	14 14 14 14 14	WE	CHACKAMAD	MIN 0	UN	(NONE)	NONE	N	WET	SS-M	N/A	E -W							000	00
Y		5P	PORTLAND UA	0.21	04	, ,		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N		45 24 30.38	-122 30 7.39	017400100S00		(02)										UNK				
											02 NONE 9	STRGHT								
											N/A	W -E	01 555		0.0	1		000	000	00
											PSNGR CAR		01 DRVR	NONE	00	UNK UNK		000	000	00
04977	N N N N	11/24/2017	CLACKAMAS	1 14	STRGHT		N	N	UNK	S-STRGHT	01 NONE 9	STRGHT								29
NONE		FR		MN 0	UN	(NONE)	UNKNOWN	N	WET	REAR	N/A	E -W							000	00
N		8P	PORTLAND UA	0.22	04			N	DARK	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
N		45 24 30.32	-122 30 6.62	017400100S00		(02)					0.0 27027	a====				UNK				
											02 NONE 9 N/A	STOP E -W							011	00
											PSNGR CAR	E -W	01 DRVR	NONE	0.0	IInk IINK		000	000	00
													01 21(11	1,01,2		UNK				
00282	N N N N N	N 01/19/2017	CLACKAMAS	1 14	STRGHT		N	Y	RAIN	FIX OBJ	01 NONE 0	STRGHT							043	16
COUNTY		TH		MN 0	UN	(NONE)	UNKNOWN	N	WET	FIX	PRVTE	W - E							000 043	00
Y		2A	PORTLAND UA	0.24	01			N	DARK	INJ	PSNGR CAR		01 DRVR	INJB	31			079	025	16
N		45 24 30.34	-122 30 5.14	017400100S00		(02)										OR<2	15			
	YNNN	09/16/2020	CLACKAMAS	1 14	CURVE		N	Y	UNK	FIX OBJ	01 NONE 0	STRGHT							043	01
NO RPT		WE		MN 0	UN	(NONE)	UNKNOWN	N	UNK	FIX	UNKN	W -E	0.1 DDIM	72 77 7	20	N N 177	-	0.47 0.01	000 043	00 01
N		5P 45 24 30.39	PORTLAND UA -122 30 4.4	0.25 017400100S00	01	(02)		N	DAY	FAT	MTRCYCLE		01 DRVR	KILL	20	OR<2		047,081	017	01
02107	N N N N N	N 07/23/2021	CLACKAMAS	1 14	CURVE		N	Y	CLR	FIX OBJ	01 NONE 0	STRGHT							079,01	.0 26
STATE		FR		MIN 0	UN	(NONE)	UNKNOWN	N	DRY	FIX	PRVTE	E -W							,092 007 079,01	0.26
Y		7A	PORTLAND UA	0.25	04	(110111)	OWILLYONIV	N	DAY	INJ	PSNGR CAR	- ··	01 DRVR	INJC	36	M OR-Y	•	000	000	00
N		45 24 30.4	-122 30 4.39	017400100800		(02)										OR<2	5			
03279	NYNNN	N 10/31/2021	CLACKAMAS	1 14	CURVE		N	Y	CLR	OVERTURN	01 NONE	STRGHT							129	10
STATE		SU		MN 0	UN	(NONE)	UNKNOWN	N	DRY	NCOL	PRVTE	E -W							000	00
Y		7P	PORTLAND UA	0.28	01			N	DARK	INJ	MTRCYCLE		01 DRVR	INJB	56			079,080,081	017	10
N		45 24 30.84	-122 30 2.29	017400100S00		(02)										OR<2	5			
	N N N N	11/17/2017	CLACKAMAS	1 14	CURVE		N	N	CLR	O-STRGHT	01 NONE 9	STRGHT								05
NO RPT		FR		MN 0	UN	(NONE)	UNKNOWN	N	DRY	SS-M	N/A	E -W							000	00
Y N		1P 45 24 30 84	PORTLAND UA -122 30 2.29	0.28 017400100S00	03	(02)		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK UNK		000	000	00
TA		15 21 50.04	144 90 4.49	017 100100500		(02)					02 NONE 9	STRGHT				OIVIX				
											N/A	W -E							000	00
											PSNGR CAR		01 DRVR	NONE	00	Unk UNK		000	000	00
																UNK				
01924	N N N N	07/11/2021	CLACKAMAS	1 14	CURVE		N	N	CLR	S-1STOP	01 NONE 9	STRGHT								29
NONE		SU		MIN 0	UN	(NONE)	UNKNOWN	N	DRY	REAR	N/A	W -E							000	00
N		2P	PORTLAND UA	0.43	04	(00)		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00			000	000	00
N		45 24 36.28	-122 29 54.52	017400100S00		(02)					02 NONE 9	STOP				UNK				
											N/A	W -E							011	00
											PSNGR CAR	<u>-</u>	01 DRVR	NONE	00	Unk UNK		000	000	00
																UNK				

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174: CLACKAMAS-BORING

CONTINUOUS SYSTEM CRASH LISTING Highway 174 ALL ROAD TYPES, MP 0.03 to 1.10 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage CDS380 OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION Page: 9

CONTINUOUS SYSTEM CRASH LISTING

174: CLACKAMAS-BORING Highway 174 ALL ROAD TYPES, MP 0.03 to 1.10 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

27 - 29 of 97 Crash records shown.

SER# P R J S W DATE COUNTY RD# FC CONN# RD CHAR INT-TYPE INVEST E A U I C O DAY CITY COMPNT FIRST STREET DIRECT (MEDIAN) INT-REL OFFRD WTHR CRASH TRLR QTY MOVE RD DPT E L G N R TIME URBAN AREA MLG TYP SCOND STREET LOCTN LEGS TRAF- ONTE (#LANES) CONTL DRVWY LIGHT SVRTY V# TYPE TO P# TYPE SVRTY E V RES LOC ERROR O4378 N N N N N 12/06/2019 CLACKAMAS 1 14 CURVE MN 0 CURVE N N N N N N N N N 12/06/2019 CLACKAMAS N N N N N N 12/06/2019 CLACKAMAS N N N N N N N 12/06/2019 CLACKAMAS N N N N N N N 12/06/2019 CLACKAMAS N N N N N N N 12/06/2019 CLACKAMAS N N N N N N N 12/06/2019 CLACKAMAS N N N N N N N 12/06/2019 CLACKAMAS N N N N N N N N 12/06/2019 CLACKAMAS N N N N N N N N N N 12/06/2019 CLACKAMAS N N N N N N N N N N 12/06/2019 CLACKAMAS N N N N N N N N N N N N N N N N N N N	ACT EVENT 000 000	CAUSE 05 00 05
RD DPT & L & G N H R TIME URBAN AREA MLG TYP SECOND STREET LOCTN LEGS TRAF- RNDBT SURF COLL OWNER FROM PRTC INJ G E LICNS PED UNLOC? D C S V L K LAT LONG MILEPNT LRS (#LANES) CONTL DRVWY LIGHT SVRTY V# TYPE TO P# TYPE SVRTY E X RES LOC ERROR OWNER TO P# TYPE SVRTY E X RES LOC ERROR	000 000	05 00
UNLOC? D C S V L K LAT LONG MILEPNT LRS CONTL DRVW LIGHT SVRTY V# TYPE TO P# TYPE SVRTY E X RES LOC ERROR CONTROL LONG CLACKAMAS D C C C C C C C C C C C C C C C C C C	000 000	05 00
04378 N N N N N 12/06/2019 CLACKAMAS 1 14 CURVE N N RAIN O-STRGHT 01 NONE 0 STRGHT STATE FR MN 0 UN (NONE) NONE N WET SS-M PRVTE E-W Y 8P PORTLAND UA 0.48 03 N DARK INJ PSNGR CAR 01 DRVR INJA 36 F OR-Y 083,080 N 45 24 37.14 -122 29 51.07 017400100S00 (02) OR>25 OR>25	000 000	05 00
STATE FR MN 0 UN (NONE) NONE N WET SS-M PRVTE E-W Y 8P PORTLAND UA 0.48 03 N DARK INJ PSNGR CAR 01 DRVR INJA 36 F OR-Y 083,080 N 45 24 37.14 -122 29 51.07 017400100S00 (02) OR>25	000	00
Y 8P PORTLAND UA 0.48 03 N DARK INJ PSNGR CAR 01 DRVR INJA 36 F OR-Y 083,080 N 45 24 37.14 -122 29 51.07 017400100S00 (02) OR>25	000	
N 45 24 37.14 -122 29 51.07 017400100S00 (02) OR>25 02 NONE 0 STRGHT		05
02 NONE 0 STRGHT	000	
	000	
$\mathtt{PRVTE} \qquad \mathtt{W} -E$		00
PSNGR CAR 01 DRVR NONE 48 M OTH-Y 000	000	00
OR<25		
03 NONE 0 STRGHT		
PRVTE W -E	000	00
PSNGR CAR 01 DRVR INJC 35 F OR-Y 000	000	00
OR<25		
01046 N N N N N N 04/01/2020 CLACKAMAS 1 14 STRGHT N N CLR S-1STOP 01 NONE 0 STRGHT	013	07,29
STATE WE MN 0 UN (NONE) NONE N DRY REAR PRVTE W-E N 4P PORTLAND UA 0.48 03 N DAY INJ PSNGR CAR 01 DRVR NONE 55 M OR-Y 043,026	000 000	00 07,29
N 45 24 37.14 -122 29 51.07 017400100S00 (02)	000	07,25
02 NONE 0 STOP		
PRVTE W -E	011 013	00
PSNGR CAR 01 DRVR NONE 32 M OR-Y 000	000	00
OR<25		
03 NONE 0 STOP	022	0.0
PRVTE W -E PSNGR CAR 01 DRVR INJC 30 M OR-Y 000	022 000	00 00
OR<25		
03 NONE 0 STOP		
PRVTE W -E	022	00
PSNGR CAR 02 PSNG INJC 30 M 000	000	00
0.2 MOVED. 0.0 GETOR		
03 NONE 0 STOP PRVTE W -E	022	00
PSNGR CAR 03 PSNG INJC 59 F 000	000	00
03958 N N N N N N N 10/30/2018 CLACKAMAS 1 14 INTER CROSS N N CLD S-1STOP 01 NONE 0 STRGHT	013	07
COUNTY TU MN 0 E UNKNOWN N DRY REAR PRVTE E -W	000	00
N 9A PORTLAND UA 0.50 06 0 N DAY INJ PSNGR CAR 01 DRVR INJB 17 F OR-Y 043,026 N 45 24 37.22 -122 29 49.59 017400100S00	000	07
02 NONE 0 STOP		
PRVTE E -W	011 013	00
PSNGR CAR 01 DRVR NONE 32 M OTH-Y 000	000	00
OR>25		
03 NONE 0 STOP PRVTE E -W	022 013	00
PRVIE E-W PSNGR CAR 01 DRVR NONE 17 M OR-Y 000	000	00
OR<25		
04 NONE 0 STOP		
$\mathtt{PRVTE} \qquad \qquad \mathtt{E} \ \ \mathtt{-W}$	022	00
PSNGR CAR 01 DRVR NONE 17 M OR-Y 000	000	00
OR<25		

OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION Page: 10

CONTINUOUS SYSTEM CRASH LISTING

CDS380 OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION Page: 11

CONTINUOUS SYSTEM CRASH LISTING

174: CLACKAMAS-BORING Highway 174 ALL ROAD TYPES, MP 0.03 to 1.10 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

30 - 34 of 97 Crash records shown.

S D M																			
SER# P R J	S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I	C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S				
RD DPT E L G N	H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS	S PED			
UNLOC? D C S V	L K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY		X RES	LOC	ERROR	ACT EVENT	CAUSE
01015 N N N N	N N 03/14/2017	CLACKAMAS	1 14	STRGHT		N	N	RAIN	S-1STOP	01 NONE 0	STRGHT								07
STATE	TU		MN 0	UN	(NONE)	UNKNOWN	N	WET	REAR	PRVTE	E -W							000	00
N	8A	PORTLAND UA	0.52	04			N	DAWN	INJ	PSNGR CAR		01 DRVR	INJC	41 F	OR-Y		043	000	07
N	45 24 37.21	-122 29 48.09	017400100S00		(02)										OR<25	5			
										01 NONE 0	STRGHT								
										PRVTE	E -W							000	00
										PSNGR CAR		02 PSNG	INJC	13 F			000	000	00
										02 NONE 0	STOP								
										PRVTE	E -W							012	00
										PSNGR CAR	- ··	01 DRVR	INJC	35 F	SUSP		000	000	00
										T DIVOIT OF IN		01 21111	21.00	33 1	OR<25				
01887 Y N N N	N N 07/07/2021	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT								01
COUNTY	WE		MN 0	UN	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	E -W							000	00
N	4P	PORTLAND UA	0.52	04			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	17 M	OR-Y		047,026	000	01,29
N	45 24 37.21	-122 29 48.11	017400100S00		(02)										OR<25	5			
										02 NONE 0	STRGHT								
										UNKN	E -W	01 DDIT	T11TG	26 1	arran		000	000	00
										PSNGR CAR		01 DRVR	INJC	26 M	SUSP OR<25		000	000	00
02282 N N N N	N N 06/29/2018	CLACKAMAS	1 14	STRGHT		N	Y	CLR	FIX OBJ	01 NONE 9	STRGHT							079	25
STATE	FR	CENTCICIENTS	MN 0	UN	(NONE)	UNKNOWN	N	DRY	FIX	N/A	W -E							000	00
Y	5P	PORTLAND UA	0.53	01	(110112)	011111101111	N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 U	nk UNK		000	000	00
N	45 24 37.21	-122 29 47.35	017400100800		(02)										UNK				
01016 N N N N	03/22/2018	CLACKAMAS	1 14	STRGHT		N	N	RAIN	S-1STOP	01 NONE 0	STRGHT								29
NONE	TH		MN 0	UN	(NONE)	UNKNOWN	N	WET	REAR	PRVTE	E -W							000	00
N	8A	PORTLAND UA	0.53	04			N	DAWN	INJ	PSNGR CAR		01 DRVR	INJC	35 F	OR-Y		026	000	29
N	45 24 37.22	-122 29 47.35	017400100S00		(02)										OR<25	5			
										02 NONE 0	STOP								
										PRVTE	E -W	01 227		22.			0.00	011	00
										PSNGR CAR		01 DRVR	NONE	33 IV	OR-1		000	000	00
02329 N N N N	N N 07/04/2019	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	QTP CUT				UK \ Z 5				27,07
COUNTY	WE	CLIACNAINA	MN 0	UN	(NONE)		IVI	DRY	S-ISIOP REAR	PRVTE	STRGHT E -W							000	00
N	9A	PORTLAND UA	0.53	04	(1401417)	OTATOTAONIA	N	DAY	INJ	PSNGR CAR	- AA	01 DRVR	NONE:	30 №	OR-Y		043,026	038	27,07
N		-122 29 47.35	017400100800	0.1	(02)		14			1 DIVOIT CAIT		JI DIVIN		50 P	OR-1		5 25 , 5 2 0	555	2.,0.
			1 - 100 10000		(/					02 NONE 0	STOP				-1120	-			
										PRVTE	E -W							012	00
										PSNGR CAR		01 DRVR	INJC	29 F	OR-Y		000	000	00
															OR<25	5			
04732 N Y N N	N N 12/22/2018	CLACKAMAS	1 14	STRGHT	<u> </u>	N	N	RAIN	O-STRGHT	01 NONE 0	STRGHT								05
STATE	SA		MN 0	UN	(NONE)	UNKNOWN	N	WET	SS-M	PRVTE	W -E							000	00
Y	7P	PORTLAND UA	0.53	04			N	DARK	INJ	PSNGR CAR		01 DRVR	INJA	23 M			080	000	05
N	45 24 37.22	-122 29 47.35	017400100800		(02)										OR<25	5			
										02 NONE 0	STRGHT								
										PRVTE	E -W			4-	_		0.0 -	000	00
										PSNGR CAR		01 DRVR	INJC	45 M			000	000	00
															OR<25)			

OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION Page: 12

CONTINUOUS SYSTEM CRASH LISTING

08/21/2023 TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

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Highway 174 ALL ROAD TYPES, MP 0.03 to 1.10 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage 174: CLACKAMAS-BORING

35 - 40 of 97 Crash records shown.

S D M																				
SER# P R J :	S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U I		CITY	COMPNT FIRST STREET	DIRECT		INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			Δ	S					
RD DPT E L G N I		URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-			COLL	OWNER	FROM	חחת	INJ			ישת סדר	n			
UNLOC? D C S V		LONG	MILEPNT LRS	LOCIN	(#LANES)		RNDBT	SURF LIGHT		V# TYPE	TO	P# TYPE			E LIC			ERROR	ACT EVENT	CATICE
ONLOC: D C 3 V	L K LAI	LONG	MILLENI LKS		(#LANES)	CONTL	DRVWI	птент	SVKII	02 NONE 0	STRGHT	P# IIPE	SVKII	L E	A KES	ТОС	<u> </u>	ZKKOK	ACI EVENI	CAUSE
										PRVTE	E -W								000	00
										PSNGR CAR		02 PSNG	INJC	40	F		0	000	000	00
00998 N N N N I	N N 04/17/2021	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT									07,29
COUNTY	SA		MN 0	UN	(NONE)	NONE	N	DRY	REAR	PRVTE	E -W								000	00
N	5P	PORTLAND UA	0.53	04			N	DAY	INJ	MTRCYCLE		01 DRVR	INJB	37	M OR-	Y	0	043,026	000	07,29
N	45 24 37.21	-122 29 47.35	017400100S00		(02)										OR<	25				
										02 NONE 0	STOP									
										PRVTE	E -W								011	00
										PSNGR CAR		01 DRVR	NONE	47	M OR-		0	000	000	00
04338 N N N N	11/27/2018	CLACKAMAS	1 14	STRGHT		N	N	RAIN	S-1STOP	01 NONE 9	STRGHT				0100					29
NONE	TU		MN 0	UN	(NONE)	NONE	N	WET	REAR	N/A	E -W								000	00
N	9A	PORTLAND UA	0.56	04			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		0	000	000	00
N	45 24 37.21	-122 29 45.12	017400100800		(02)										UNK					
										02 NONE 9	STOP									
										N/A	E -W								011	00
										PSNGR CAR		01 DRVR	NONE	00	Unk UNK UNK		0	000	000	00
00581 N N N N N	N N 02/18/2019	CLACKAMAS	1 14	STRGHT		N	N	FOG	S-STRGHT	01 NONE 9	STRGHT									07,29
COUNTY	MO		MN 0	UN	(NONE)	NONE	N	DRY	SS-O	N/A	E -W								000	00
N	7A	PORTLAND UA	0.59	04			N	DAWN	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		0	000	000	00
N	45 24 37.2	-122 29 42.86	017400100800		(02)										UNK					
										02 NONE 9	STRGHT									
										N/A	E -W								000	00
										PSNGR CAR		01 DRVR	NONE	00	Unk UNK UNK		0	000	000	00
01846 N N N N I	N N 06/04/2019	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 9	STRGHT									27,29,32
STATE	TU	CHACKAMAS	MN 0	UN	(NONE)	NONE	N	DRY	REAR	N/A	E -W								000	00
N	8A	PORTLAND UA	0.63	04	(NONE)	NONE	N	DAY	PDO	PSNGR CAR	E W	01 DRVR	NONE	0.0	Unk UNK		0	000	000	00
N	45 24 37.21		017400100800	0.1	(02)			2111	120	151.011 0111		01 211111	1,01,2		UNK		· ·			
					,					02 NONE 9	STOP									
										N/A	E -W								011	00
										PSNGR CAR		01 DRVR	NONE	00	Unk UNK		0	000	000	00
															UNK					
02399 N N N N	09/02/2020	CLACKAMAS	1 14	STRGHT		N	N	UNK	S-1STOP	01 NONE 9	STRGHT									27,29
NONE	WE		MN 0	UN	(NONE)	NONE	N	UNK	REAR	N/A	UN-UN								000	00
N	4 P	PORTLAND UA	0.64	00			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk UNK		0	000	000	00
N	45 24 37.22	-122 29 39.11	017400100S00		(02)										UNK					
										02 NONE 9	STOP									
										N/A	UN-UN								011	00
										PSNGR CAR		01 DRVR	NONE	00	Unk UNK UNK		0	000	000	00
02721 N N N N	09/14/2021	CLACKAMAS	1 14	STRGHT		N	NT .	CLR	S-STRGHT	01 NONE 0	STRGHT				UNK					29
NONE	09/14/2021 TU	CLIACKANIAS	1 14 MN 0	UN	(NONE)	N UNKNOWN	N N	DRY	S-SIRGHI REAR	PRVTE	SIRGHI W -E								000	00
NONE N	7A	PORTLAND UA	0.65	03	(INOINE)	OTAVIAOMIA	N N	DAY	INJ	PRVIE PSNGR CAR	W -E	01 DRVR	MONE	52	М О⊅	7	0	042	026	29
N		-122 29 38.37	017400100S00	0.5	(02)		TA	DAI	TIMO	TANOR CAR		OI DRVR	TAOIAT	34	M OR-		U	J 14	020	<u> </u>
14	TJ 24 3/.21	-122 29 30.3/	01/400100200		(0 4)										OR.					

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CONTINUOUS SYSTEM CRASH LISTING

CDS380 OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION Page: 15

CONTINUOUS SYSTEM CRASH LISTING

174: CLACKAMAS-BORING Highway 174 ALL ROAD TYPES, MP 0.03 to 1.10 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

41 - 46 of 97 Crash records shown.

	S D M																		
SER#	P RJS	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE								
INVEST	EAUIC	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S			
RD DPT	ELGNH	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS PED			
	DCSVL		LONG	MILEPNT LRS		(#LANES)			LIGHT		V# TYPE	TO	P# TYPE				ERROR	ACT EVENT	CAUSE
								'			02 NONE 0	STRGHT							
											PRVTE	W -E						000	00
											PSNGR CAR		01 DRVR	INJB	53 I	F OR-Y OR<25	000	000	00
04432	N V N N N	N 12/03/2018	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-STRGHT	01 NONE 9	STRGHT							07
STATE	1 1 1 1 1	MO	CHACKAMAD	MN 0	UN	(NONE)	NONE	N	DRY	REAR	N/A	W -E						000	00
N		5P	PORTLAND UA	0.78	03	(=====,		N	DARK	PDO	PSNGR CAR		01 DRVR	NONE	00 τ	Jnk UNK	000	000	00
N			-122 29 28.64	017400100S00		(02)										UNK			
											02 NONE 9	STRGHT							
											N/A	W -E						000	00
											PSNGR CAR		01 DRVR	NONE	00 τ	Unk UNK	000	000	00
																UNK			
00279	N N N N	01/22/2020	CLACKAMAS	1 14	STRGHT		N	N	RAIN	S-1STOP	01 NONE 9	STRGHT							29
NONE		WE		MN 0	UN	(NONE)	NONE	N	WET	REAR	N/A	E -W						000	00
N		7A	PORTLAND UA	0.78	04			N	DARK	PDO	PSNGR CAR		01 DRVR	NONE	00 τ		000	000	00
N		45 24 37.29	-122 29 28.65	017400100S00		(02)										UNK			
											02 NONE 9	STOP						011	0.0
											N/A PSNGR CAR	E -W	01 DRVR	NONE	00 1	Tale TIME	000	011 000	00
											PSNGR CAR		OI DRVR	NONE	00 (UNK	000	000	00
03562	N N N N	12/29/2020	CLACKAMAS	1 14	STRGHT		N	N	UNK	S-1STOP	01 NONE 9	STRGHT						129	29
NO RPT	11 11 11 11	TU	CHACKAMAS	MN 0	UN	(NONE)	NONE	N	DRY	REAR	N/A	W -E						000	00
N N		12P	PORTLAND UA	0.79	03	(IVOIVE)	NOINE	N	DAY	PDO	PSNGR CAR	W 2	01 DRVR	NONE	00 τ	Jnk UNK	000	000	00
N			-122 29 27.92	017400100S00		(02)										UNK			
											02 NONE 9	STOP							
											N/A	W -E						011	00
											PSNGR CAR		01 DRVR	NONE	0 O T	Unk UNK	000	000	00
																UNK			
00707	N Y N N N	N 02/24/2018	CLACKAMAS	1 14	STRGHT		N	N	CLD	S-STRGHT	01 NONE 9	STRGHT							13
STATE		SA		MIN 0	UN	(NONE)	UNKNOWN	N	WET	SS-O	N/A	W -E						031	00
N		7P	PORTLAND UA	0.88	03			N	DLIT	PDO	PSNGR CAR		01 DRVR	NONE	τ 00		000	000	00
N		45 24 37.35	-122 29 21.17	017400100S00		(02)					0.0 MONTE 0	CEED CLIE				UNK			
											02 NONE 9 N/A	STRGHT W -E						000	00
											PSNGR CAR	M -F	01 DRVR	NONE	00 1	Ink IINK	000	000	00
											I BIVOIC CITIC		OI DRVIC	110111		UNK	000	000	00
01673	N N N N N	N 06/27/2020	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1TURN	01 NONE 0	STRGHT							29,08
STATE		SA		MIN 0	UN	(NONE)	L-TURN REF	N	DRY	REAR	PRVTE	W -E						000	00
N		1P	PORTLAND UA	0.93	04			N	DAY	INJ	PSNGR CAR		01 DRVR	INJC	71 I	F OR-Y	042	000	29
N		45 24 37.35	-122 29 17.44	017400100S00		(03)										OR<25			
											02 NONE 0	U-TURN							
											PRVTE	W -W	01	NTC.	2.2	. OD **	0.00	006	00
											PSNGR CAR		01 DRVR	NONE	33 I		000	000	00
																OR<25			
01874	N N N N	07/18/2020	CLACKAMAS	1 14	STRGHT	(2702	N	N	CLR	S-1STOP	01 NONE 0	STRGHT						0.00	29
NONE		SA	מיי מייי הייי	MN 0	UN 0.4	(NONE)	NONE	N	DRY	REAR	PRVTE	E -W	01 555	MONTE	72 -	M OTTI V	026	000	00
N N		2P 45 24 37 34	PORTLAND UA -122 29 17.42	0.93 017400100S00	04	(02)		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	/3 I	M OTH-Y N-RES	026	000	29
IN		19 41 37.34	-144 49 11.44	01/400100200		(02)										N-VES			

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION Page: 17 CDS380

CONTINUOUS SYSTEM CRASH LISTING

Highway 174 ALL ROAD TYPES, MP 0.03 to 1.10 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage 174: CLACKAMAS-BORING

47 - 51 of 97 Crash records shown.

S D M																				
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LI	CNS	PED			
UNLOC? D C S V L		LONG	MILEPNT LRS		(#LANES)			LIGHT		V# TYPE	TO	P# TYPE					LOC	ERROR	ACT EVENT	CAUSE
										02 NONE 0	STOP			,						
										PRVTE	E -W								011	00
										PSNGR CAR		01 DRVR	INJC	40				000	000	00
										0.2 NONE 0	GMOD.				OR	.<25				
										02 NONE 0 PRVTE	STOP E -W								011	00
										PSNGR CAR	В М	02 PSNG	INJC	42	F			000	000	00
										02 NONE 0	STOP									
										PRVTE	E - W								011	00
										PSNGR CAR		03 PSNG	INJC	48	F			000	000	00
	N 09/22/2018	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT									27,07
STATE	SA		MN 0	UN	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	M -E								000	00
N	2P	PORTLAND UA	1.00	03	(02)		N	DAY	INJ	PSNGR CAR		01 DRVR	INJB	60		1-Y		043	038	27,07
N	45 24 37.35	-122 29 12.19	017400100800		(03)					02 NONE 0	STOP				OR	<25				
										PRVTE	W -E								011	00
										PSNGR CAR		01 DRVR	INJC	16	F OF	-Y		000	000	00
															OF	<25				
03165 N N N N	08/02/2017	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT								013	29
NONE	WE		MN 0	UN	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	E -W								000	00
N	8A	PORTLAND UA	1.00	05			N	DAY	INJ	PSNGR CAR		01 DRVR	INJC	37	F OF	L-Y		026	000	29
N	45 24 37.35	-122 29 12.18	017400100S00		(03)										OF	<25				
										02 NONE 0	STOP									
										PRVTE	E -W	01 DDIE	THE	4.4				000	011 013	00
										PSNGR CAR		01 DRVR	INJC	44		H-Y RES		000	000	00
										03 NONE 0	STOP				IN	KEO				
										PRVTE	E -W								022	00
										PSNGR CAR		01 DRVR	INJC	33	M OF	L-Y		000	000	00
															OF	2>25				
01596 N N N N	05/10/2018	CLACKAMAS	1 14	STRGHT		N	N	CLR	0-1 L-TU	RN 01 NONE 0	U-TURN									08
NO RPT	TH		MN 0	UN	(NONE)	UNKNOWN	N	DRY	TURN	PRVTE	M - M								000	00
N	3P	PORTLAND UA	1.00	05			N	DAY	INJ	PSNGR CAR		01 DRVR	INJA	45				800	000	08
N	45 24 37.35	-122 29 12.19	017400100S00		(03)						_				OF	<25				
										02 NONE 0	STRGHT								0.00	0.0
										PRVTE PSNGR CAR	E -W	01 DRVR	TNTT	Εĵ	м от	_V		000	000 000	00
										FONGR CAR		OI DKVK	TMOC	23		1-1 1<25		000	000	00
00400 14 14 14	07/13/2018	CI ACKAMAC	1 14	CTP CITE		N	N	CI D	C_1 CTO	0.1 NONE 0	CTD CITT									20
02428 N N N N NO RPT	07/13/2018 FR	CLACKAMAS	MN 0	STRGHT UN	(NONE)	N NONE	N N	CLR DRY	S-1STOP REAR	01 NONE 9 N/A	STRGHT E -W								000	29 00
NO RPI	11A	PORTLAND UA	1.00	05	(1401417)	1401411	N	DAY	PDO	PSNGR CAR	- AA	01 DRVR	NONE:	0.0	Unk UN	ſΚ		000	000	00
N		-122 29 12.18	017400100S00		(03)		=-								UN					
					•					02 NONE 9	STRGHT									
										N/A	E -W								006	00
										SEMI TOW		01 DRVR	NONE	00	Unk UN	ſΚ		000	000	00
															UN	ΙK				

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CONTINUOUS SYSTEM CRASH LISTING

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CONTINUOUS SYSTEM CRASH LISTING

174: CLACKAMAS-BORING Highway 174 ALL ROAD TYPES, MP 0.03 to 1.10 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

52 - 57 of 97 Crash records shown.

S D M	I																		
SER# P R J	S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I	C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			I	S				
RD DPT E L G N	H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ		E LI	CNS PE)		
UNLOC? D C S V	L K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	Y E	X RE	S LO	C ERROR	ACT EVENT	CAUSE
00084 N N N N	01/09/2019	CLACKAMAS	1 14	STRGHT		N	N	RAIN	S-1STOP	01 NONE 0	STRGHT								29
NONE	WE		MIN 0	UN	(NONE)	NONE	N	WET	REAR	PRVTE	E -W							000	00
N	4P	PORTLAND UA	1.00	05			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	18	M OR	-Y	026	000	29
N	45 24 37.36	-122 29 12.19	017400100S00		(03)										OR	<25			
										02 NONE 0	STOP								
										PRVTE	E -W							011	00
										PSNGR CAR		01 DRVR	INJC	: 56		-Y <25	000	000	00
01696 N N N N	05/03/2017	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-STRGHT	01 NONE 9	STRGHT								29
NONE	WE		MN 0	UN	(NONE)	UNKNOWN	N	DRY	REAR	N/A	W -E							000	00
N	7A	PORTLAND UA	1.01	04			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	0.0	Unk UN	K	000	000	00
N	45 24 37.35	-122 29 11.44	017400100800		(03)										UN	K			
										02 NONE 9	STRGHT								
										N/A	W -E							006	00
										PSNGR CAR		01 DRVR	NONE	0.0	Unk UN UN		000	000	00
04669 N N N N	12/23/2019	CLACKAMAS	1 14	INTER		N	N	CLR	ANGL-OTH	01 NONE 9	TURN-R								02
NONE	MO		MIN 0	UN		TRF SIGNAL	N	DRY	TURN	N/A	N -W							016	00
N	1P	PORTLAND UA	1.01	05	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	0.0	Unk UN	K	000	000	00
N	45 24 37.35	-122 29 11.45	017400100800												UN	K			
										02 NONE 9	STRGHT								
										N/A	E -W							000	00
										PSNGR CAR		01 DRVR	NONE	0.0	Unk UN UN		000	000	00
03540 N N N N	11/19/2021	CLACKAMAS	1 14	STRGHT		Y	N	CLR	S-1STOP	01 NONE 9	STRGHT								27
NONE	FR		MIN 0	UN	(NONE)	UNKNOWN	N	DRY	REAR	N/A	W -E							000	00
N	3P	PORTLAND UA	1.02	03			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	0.0	Unk UN	K	000	000	00
N	45 24 37.36	-122 29 10.69	017400100800		(03)										UN	K			
										02 NONE 9	STOP								
										N/A	M - E							011	00
										PSNGR CAR		01 DRVR	NONE	0.0	Unk UN UN		000	000	00
02748 N N N N	N N 10/11/2020	CLACKAMAS	1 14	INTER	CROSS	N	N	RAIN	S-1STOP	01 NONE 0	STRGHT								27,29
STATE	SU		MN 0	UN		NONE	N	WET	REAR	PRVTE	E -W							000	00
N	1P	PORTLAND UA	1.03	06	1		N	DAY	INJ	PSNGR CAR		01 DRVR	INJC	64			026	038	27,29
N	45 24 37.36	-122 29 9.94	017400100S00							0.2 NONE 0	CTIOD.				OR	<25			
										02 NONE 0	STOP E -W							011	0.0
										PRVTE PSNGR CAR	<u>г</u> − М	01 DRVR	MONTE	י זר	E 0.0		000	011 000	00 00
										FSNGR CAR		UI DKVK	TAOINE	. 35		- r <25		000	
04242 N N N N	11/20/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 0	STRGHT								29
NONE	TU		MN 0	N		TRF SIGNAL	N	DRY	REAR	PRVTE	N -S							000	00
N N	4A 45 24 37.36	PORTLAND UA -122 29 9.95	1.03 017400100s00	06	1		N	DLIT	INJ	PSNGR CAR		01 DRVR	NONE	26		-Y <25	000,026	000	29
										02 NONE 0	STOP								
										PRVTE	N -S							011	00
										PSNGR CAR		01 DRVR	INJC	: 53	M OR	-Y	000	000	00
																<25			

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174: CLACKAMAS-BORING

CONTINUOUS SYSTEM CRASH LISTING

Highway 174 ALL ROAD TYPES, MP 0.03 to 1.10 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

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CONTINUOUS SYSTEM CRASH LISTING

Highway 174 ALL ROAD TYPES, MP 0.03 to 1.10 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage 174: CLACKAMAS-BORING

58 - 62 of 97 Crash records shown.

STOP N/A N - S	S D M																				
Note	SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
Math	INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				A 5	3				
1	RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INC	J	G I	E LICNS	PED			
Marke Mark	UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVF	RTY	E Z	K RES	LOC	ERROR	ACT EVENT	CAUSE
Note 1	02148 N N N N N	N 06/27/2019	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	ANGL-STP	01 NONE 9	TURN-R								028	24,08
Part	COUNTY	TH		MN 0	N		TRF SIGNAL	N	DRY	TURN	N/A	E -N								000	00
Part	N	3P	PORTLAND UA	1.03	06	0		N	DAY	PDO	SEMI TOW		01 DRVR	NON	NE	00 Ur	ık UNK		000	000	00
1	N	45 24 37.36	-122 29 9.96	017400100S00													UNK				
1																				011	0.0
												N -S	מזמת 1.0	NION	VIE.	∩∩ ττ~	le TINIZ		000		
Martin											PSNGR CAR		UI DRVR	NOI	NE	00 01			000	000	00
Mathematical Control	01959 N N N N N	N 05/20/2017	CLACKAMAS	1 14	INTER	CROSS	N	N	CLD	S-1STOP	01 NONE 0	STRGHT									26,29
	COUNTY	SA		MN 0	E		TRF SIGNAL	N	DRY	REAR	PRVTE	E -W								000	00
	N	10A	PORTLAND UA	1.03	06	1		N	DAY	INJ	MTRCYCLE		01 DRVR	INC	JB	21 M	OR-Y		026	000	29
	N	45 24 37.36	-122 29 9.94	017400100S00													OR>25	i			
												E -W	01 555			00 14			0.00		
1											PSNGR CAR		UI DRVR	NON	NE	82 M		i	000	000	26
Second S	03566 N N N N	10/05/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	RAIN	S-1STOP	01 NONE 0	STRGHT								013	29
						0110.00															
Control Cont	N	6P	PORTLAND UA	1.03	06	1		N	DUSK	INJ	PSNGR CAR		01 DRVR	NON	NE	73 M	OR-Y		026	000	29
	N	45 24 37.36	-122 29 9.94	017400100S00													OR<25	;			
Column C												E -W	01		- ~	10 -			0.00		
State Stat											PSNGR CAR		UI DRVR	INC	JC	19 F		:	000	000	00
Rational Property of the content o											0.3 NONE 0	STOP					OR < 25	•			
1																				022	00
1											PSNGR CAR		01 DRVR	NON	NE	19 F	OR-Y		000	000	00
COUNTY SA																	OR<25	i			
N	01300 Y N N N	Y 05/16/2020	CLACKAMAS	1 14	INTER	CROSS	N	Y	CLD	FIX OBJ	01 NONE 9	STRGHT								040,10	1 01,04,33
N N N N N N N N N N	COUNTY			MN 0			TRF SIGNAL	N	DRY	FIX		N -S									
05303 N N N N N N N N 12/13/2017 CLACKAMAS 1 14 INTER CROSS N N N N N N N N 12/13/2017 CLACKAMAS 1 14 INTER CROSS N N N N N N N N N N N N N N N N 12/13/2017 CLACKAMAS 1 14 INTER CROSS N N N N N N N N N N N N N N N N N N	N				05	1		N	DAY	PDO	PSNGR CAR		01 DRVR	NON	ΝE	00 Ur			000	000	00
STATE WE PATIAL NA NA NA NA NA NA NA NA	N																UNK				
N			CLACKAMAS			CROSS															
N			DODMI AND 11A			1	TRF SIGNAL					W -E	01 DDITT	NON	ATT.	27 M	OD 17		026		
					06	1		IN	рптт	INU	PSNGR CAR		UI DRVR	NOI	NE	3 / M		:	026	000	29
PRVTE W -E PRVT		15 21 57.50	100 00 0.01	31, 100100000							02 NONE 0	STOP					01(12)	•			
Calcing Calc																				011 031	00
03 NONE 0 STOP PRVTE											PSNGR CAR		01 DRVR	INC	JC	68 F	OR-Y		000	000	00
PRVT W - E PRVT																	OR<25	i			
PSNGR CAR PSNG																				000	0.0
01397 N N N N 0 04/12/2017 CLACKAMAS 1 14 INTER CROSS N N N CLR S-1STOP 01 NONE 9 STRGHT NONE WE MN 0 06 N TRF SIGNAL N DAY PDO PSNGR CAR 01 DRVR NONE 00 Unk UNK 000 000 000 000 000 000 000 000 000 0												W -E	מזמת 1.0	NTON	יחדא	22 M	OD V		000		
01397 N N N N 0 04/12/2017 CLACKAMAS 1 14 INTER CROSS N N N CLR S-1STOP 01 NONE 9 STRGHT NONE WE MN 0 W -E 000 000 N 7A PORTLAND UA 1.03 06 1 N DAY PDO PSNGR CAR 01 DRVR NONE 00 Unk UNK 000 000											PSNGK CAR		UI DKVR	NON	ΝĽ	22 M		;	UUU	000	00
NONE WE MN 0 W TRF SIGNAL N DRY REAR N/A W-E 000 00 N 7A PORTLAND UA 1.03 06 1 N DAY PDO PSNGR CAR 01 DRVR NONE 00 Unk UNK 000 000	01397 N N N N	04/12/2017	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	S-1STOP	01 NONE 9	STRGHT									29
N 7A PORTLAND UA 1.03 06 1 N DAY PDO PSNGR CAR 01 DRVR NONE 00 Unk UNK 000 000																				000	
N 45 24 37.36 -122 29 9.94 017400100S00	N		PORTLAND UA		06	1		N	DAY	PDO			01 DRVR	NON	NE	00 Ur	ık UNK		000		
	N	45 24 37.36	-122 29 9.94	017400100S00													UNK				

CDS380 OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION
08/21/2023 TRANSPORTATION DATA SECTION - CRASH ANALYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

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TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

Highway 174 ALL ROAD TYPES, MP 0.03 to 1.10 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage 174: CLACKAMAS-BORING

63 - 67 of 97 Crash records shown.

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S D M																				
SER# P R J S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE											
INVEST E A U I C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				А	S					
RD DPT E L G N H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT		COLL	OWNER	FROM	PRTC	TN	Т		E LIC	NS PE	ED			
UNLOC? D C S V L K LAT	LONG	MILEPNT LRS	200111	(#LANES)			LIGHT		V# TYPE	TO	P# TYPE							ERROR	ACT EVENT	CAUSE
	,								02 NONE 9	STOP										
									N/A	M -E									011	00
									PSNGR CAR		01 DRVR	NOI	NE	00				000	000	00
															UNK					
04901 N N N N 11/20/2017	CLACKAMAS	1 14	INTER	CROSS	N	N	RAIN	S-1STOP	01 NONE 9	STRGHT										29
NONE MO	מון תונג ושתסת	MN 0	W 06	1	TRF SIGNAL	N	WET	REAR	N/A	W -E	01 DDIT	NTO	ATT.	00 1	T1- TINTE			000	000	00 00
N 7A N 45 24 37.36	PORTLAND UA -122 29 9.94	1.03 017400100S00	06	1		N	DAWN	PDO	PSNGR CAR		01 DRVR	NOI	NŁ	00	UNK UNK			000	000	00
13 21 37.30	122 27 7.71	01710010000							02 NONE 9	STOP					01410					
									N/A	W -E									011	00
									PSNGR CAR		01 DRVR	NOI	NE	00	Jnk UNK			000	000	00
															UNK					
00421 NYNNN02/04/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLD	S-1STOP	01 NONE 0	STRGHT										29
STATE SU		MN 0	W		TRF SIGNAL	N	DRY	REAR	PRVTE	W -E									000	00
N 7P	PORTLAND UA	1.03	06	0		N	DLIT	INJ	PSNGR CAR		01 DRVR	NOI	NE	57				026	000	29
N 45 24 37.36	-122 29 9.95	017400100S00													OR<	25				
									02 NONE 0 PRVTE	STOP W -E									011	00
									PSNGR CAR	M -F	01 DRVR	TN	TC	63 1	M OR-	Y		000	000	00
									1 DIVOIC CITE		OI DIVIC	111	, ,	05 .	OR<				000	
									02 NONE 0	STOP										
									PRVTE	W -E									011	00
									PSNGR CAR		02 PSNG	IN	JC	45	F			000	000	00
80696 N N N N 11/19/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	RAIN	S-OTHER	01 NONE 0	TURN-R										08
NONE MO		MN 0	W	_	TRF SIGNAL	N	WET	TURN	PRVTE	W -S									000	00
N 7P	PORTLAND UA	1.03	06	1		N	DLIT	INJ	PSNGR CAR		01 DRVR	NOI	NE	63 1				006	000	08
N 45 24 37.37	-122 29 9.94	017400100S00							02 NONE 0	STOP					OR<	25				
									PRVTE	W -E									011	00
									PSNGR CAR		01 DRVR	INC	JC	49	F OR-	Y		000	000	00
															OR<	25				
									02 NONE 0	STOP										
									PRVTE	W -E									011	00
									PSNGR CAR		02 PSNG	INC	JC	12	F			000	000	00
02292 N N N N 06/29/2018 NONE FR	CLACKAMAS	1 14 MN 0	INTER W	CROSS	N TRF SIGNAL	N N	CLR	S-STRGHT REAR	01 NONE 9 N/A	STRGHT W -E									000	29 00
NONE FR N 5P	PORTLAND UA	1.03	w 06	1	IRF SIGNAL	N	DRY DAY	PDO	N/A PSNGR CAR	M -F	01 DRVR	NO	JF:	00 1	Ink IINK			000	000	00
	-122 29 9.94	017400100800	5.5	-					1 DIVOIT CAIR		0.1 DI(AI(1401		2.0	UNK				555	
									02 NONE 9	STRGHT										
									N/A	W -E									000	00
									PSNGR CAR		01 DRVR	NOI	NE	00	Jnk UNK			000	000	00
															UNK					
02400 N N N N N N 07/14/2019	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	O-1 L-TUR	N 01 NONE 0	TURN-L										02,08
COUNTY SU		MIN 0	CN		TRF SIGNAL		DRY	TURN	PRVTE	S -W									000	00
N 9P	PORTLAND UA	1.03	01	1		N	DLIT	INJ	PSNGR CAR		01 DRVR	NOI	NE	18 1				028,004	000	02,08
N 45 24 37.36	-122 29 9.94	017400100S00													OR<	∠5				

OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION Page: 24

CONTINUOUS SYSTEM CRASH LISTING

CONTINUOUS SYSTEM CRASH LISTING

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Highway 174 ALL ROAD TYPES, MP 0.03 to 1.10 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage 174: CLACKAMAS-BORING

> 68 - 70 of 97 Crash records shown.

S	D M																		
SER# P	R J S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E	A U I C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A S	3				
RD DPT E	L G N H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G I	E LICNS	PED			
	C S V L K LAT	LONG	MILEPNT LRS		(#LANES)			LIGHT		V# TYPE	TO	P# TYPE				LOC	ERROR	ACT EVENT	CAUSE
										02 NONE 0	STRGHT								
										PRVTE	N -S	01 557		<i>-</i>			0.00	000	00
										PSNGR CAR		01 DRVR	INJA	64 F	OR-Y OR<25		000	000	00
															UR<25				
	N N N N N 11/20/2019	CLACKAMAS	1 14	INTER	CROSS	N GIGNIN	N	CLR	S-1STOP	01 NONE	STRGHT							013	29
STATE N	WE 6P	PORTLAND UA	MN 0 1.03	CN 01	0	TRF SIGNAL	N N	DRY DARK	REAR INJ	PRVTE PSNGR CAR	W -E	01 DRVR	TNIC	40 M	OB-V		026	000 027	00 29
N	45 24 37.36	-122 29 9.94	017400100S00	01	U		IN	DARK	INO	PSNGR CAR		OI DRVR	INOC	49 M	OR-1		020	027	29
14	13 21 37.30	122 27 7.71	017100100000							02 NONE	STOP				010 123				
										PRVTE	W -E							011 013	00
										PSNGR CAR		01 DRVR	INJC	17 F	OR-Y		000	000	00
															OR<25				
										03 NONE	STOP								
										PRVTE	W -E							022 013	00
										PSNGR CAR		01 DRVR	INJC	16 F	OR-Y OR<25		000	022	00
										03 NONE	STOP				011 120				
										PRVTE	W -E							022 013	00
										PSNGR CAR		02 PSNG	INJB	15 F			000	022	00
										04 NONE	STOP								
										PRVTE	W -E							022 013	00
										PSNGR CAR		01 DRVR	INJC	41 F			000	022	00
										05 NONE	STOP				OR>25				
										PRVTE	W -E							022	00
										PSNGR CAR	" =	01 DRVR	NONE	41 F	OR-Y		000	022	00
															OR<25				
03216 N	N N N N N 11/27/2020	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	ANGL-OTH	01 NONE 0	STRGHT								27,04
STATE	FR		MIN 0	CN		TRF SIGNAL	N	DRY	TURN	PRVTE	E -W							000	00
N N	1P 45 24 37.36	PORTLAND UA -122 29 9.94	1.03 017400100s00	01	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	18 M	OR-Y OR<25		016,020	038	27,04
14	13 21 37.30	122 27 7.71	017100100000							02 NONE 0	TURN-L				010 123				
										PRVTE	N -E							000	00
										PSNGR CAR		01 DRVR	INJC	42 F			000	000	00
										02 NONE 0	TURN-L				N-RES				
										PRVTE	N -E							000	00
										PSNGR CAR		02 PSNG	INJC	50 F			000	000	00
												-							
										02 NONE 0	TURN-L							0.00	
										PRVTE	N -E	03 David	TNTTC	12 -			000	000	00
										PSNGR CAR		03 PSNG	TNOC	13 F			000	000	00
										02 NONE 0	TURN-L								
										PRVTE	N -E							000	00
										PSNGR CAR		04 PSNG	INJC	21 F			000	000	00

OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION Page: 26

CONTINUOUS SYSTEM CRASH LISTING

OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION CDS380 Page: 27

CONTINUOUS SYSTEM CRASH LISTING

Highway 174 ALL ROAD TYPES, MP 0.03 to 1.10 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage 174: CLACKAMAS-BORING

71 - 76 of 97 Crash records shown.

	S D M																				
SER#	P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE										
INVEST	E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S					
RD DPT	E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E	LICNS	PED			
UNLOC?	D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRT	Y E	X	RES	LOC	ERROR	ACT EVENT	CAUSE
04683	N N N N	11/07/2017	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	0-1 L-T	URN 01 NONE 9	STRGHT									02,08
NONE		TU		MN 0	CN		TRF SIGNAL	N	DRY	TURN	N/A	E - W								000	00
N		11A	PORTLAND UA	1.03	02	1		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	0.0	Unk	UNK		000	000	00
N		45 24 37.36	-122 29 9.94	017400100S00													UNK				
											02 NONE 9	TURN-L									
											N/A	M -N				1			0.00	000	00
											PSNGR CAR		01 DRVR	NONE	00	Unk	UNK UNK		000	000	00
01540	N N N N	05/10/2019	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	0-1 L-T	URN 01 NONE 9	STRGHT									04
NO RPT		FR		MN 0	CN		TRF SIGNAL	N	DRY	TURN	N/A	E -W								000	00
N		4P	PORTLAND UA	1.03	02	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00	Unk	UNK		000	000	00
N		45 24 37.37	-122 29 9.96	017400100S00													UNK				
											02 NONE 9	TURN-L									
											N/A	M - M								000	00
											PSNGR CAR		01 DRVR	NONE	00	Unk	UNK UNK		000	000	00
03247	N N N N N	N 09/20/2019	CLACKAMAS	1 14	INTER	CROSS	N	N	CLD	0-1 L-т	URN 01 NONE 9	TURN-L									27,02
STATE		FR		MN 0	CN		TRF SIGNAL	N	DRY	TURN	N/A	M -N								000	00
N		7P	PORTLAND UA	1.03	02	0		N	DUSK	PDO	PSNGR CAR		01 DRVR	NONE	0.0	Unk	UNK		000	000	00
N		45 24 37.37	-122 29 9.95	017400100800													UNK				
											02 NONE 9	STRGHT									
											N/A	E -W								000	00
											PSNGR CAR		01 DRVR	NONE	00	Unk	UNK UNK		000	000	00
02616	NYNNN	N 09/28/2020	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	O-1 I,-TI	URN 01 NONE 0	STRGHT					OTVIC				02,08
STATE		MO		MN 0	CN		TRF SIGNAL	N	DRY	TURN	PRVTE	E -W								000	00
N		6P	PORTLAND UA	1.03	02	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	21	M	SUSP		000	000	00
N		45 24 37.37	-122 29 9.93	017400100s00													OR<25				
											02 NONE 0	TURN-L									
											PRVTE	M - M								000	00
											PSNGR CAR		01 DRVR	INJB	49	M	OR-Y OR<25		028,004	000	02,08
03624	YNNNN	N 11/26/2021	CLACKAMAS	1 14	INTER	CROSS	N	N	RAIN	0-1 L-TI	URN 01 NONE 0	STRGHT					511.423				02,04,08
STATE	11	FR		MN 0	CN		L-GRN-SIG	N	WET	TURN	PRVTE	E -W								000	00
N		5P	PORTLAND UA	1.03	02	1		N	DLIT	INJ	PSNGR CAR		01 DRVR	INJB	38	F	OR-Y		000	000	00
N			-122 29 9.94	017400100800													OR<25				
											02 NONE 1	TURN-L									
											PRVTE	M - M								000 012	00
											PSNGR CAR		01 DRVR	NONE	39		SUSP OR<25		028,004,02	000	02,04,08
01757	N N N N N	N 06/27/2021	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	0-1 L-T	URN 01 NONE 9	TURN-L									02
STATE		SU		MN 0	CN		TRF SIGNAL	N	DRY	TURN	N/A	M - M								000	00
N		9P	PORTLAND UA	1.03	02	1		N	DLIT	PDO	PSNGR CAR		01 DRVR	NONE	0.0	Unk	UNK		000	000	00
N		45 24 37.36	-122 29 9.94	017400100800													UNK				
											02 NONE 9	STRGHT									
											N/A	E -W								000	00
											PSNGR CAR		01 DRVR	NONE	0.0	Unk	UNK		000	000	00
																	UNK				

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CONTINUOUS SYSTEM CRASH LISTING

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CONTINUOUS SYSTEM CRASH LISTING

174: CLACKAMAS-BORING Highway 174 ALL ROAD TYPES, MP 0.03 to 1.10 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

77 - 81 of 97 Crash records shown.

	S D M																					
Part	SER# P R J S	S W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE											
Math	INVEST E A U I C	C O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				A S	S					
1	RD DPT E L G N H	H R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	J	G I	E LICN	S PED	D			
March Marc	UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVF	RTY	E Z	X RES	LOC	C E	RROR	ACT EVENT	CAUSE
Second S	04954 N N N N	11/22/2017	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	0-1 L-T	URN 01 NONE 0	TURN-L										02
Table Tabl	NO RPT	WE		MN 0	CN		TRF SIGNAL	N	DRY	TURN	PRVTE	N -E									000	00
Part	N	2P	PORTLAND UA	1.03	04	1		N	DAY	INJ	PSNGR CAR		01 DRVR	INJ	JC !	55 F	OR-Y		0	04,028	000	02
	N	45 24 37.36	-122 29 9.94	017400100S00													OR<2	5				
Column C											02 NONE 0	STRGHT										
N												S -N										
Martin M											PSNGR CAR		01 DRVR	NON	IE .	42 F			0	00	000	00
March Marc	00078 N N N N	01/08/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	RAIN	0-1 L-T	URN 01 NONE 0	STRGHT										02,08
Total Part Tot	NONE	MO		MN 0	CN		TRF SIGNAL	N	WET	TURN	PRVTE	S -N									000	00
	N	7A	PORTLAND UA	1.03	04	1		N	DAY	INJ	PSNGR CAR		01 DRVR	INJ	JC :	33 F	OR-Y		0	00	000	00
Part	N	45 24 37.37	-122 29 9.96	017400100S00													OR<2	5				
Part																						
1												N -E										
Martin											PSNGR CAR		01 DRVR	NON	JE :	30 F			0:	28,004	000	02,08
March Marc	03032 N N N N N	N 08/29/2018	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	0-1 L-T	URN 01 NONE 9	STRGHT										02,08
							TRF SIGNAL		DRY	TURN		S -N										
					04	1		N	DAY	PDO	PSNGR CAR		01 DRVR	NON	1E	00 Ur			0	00	000	00
	N	45 24 37.37	-122 29 9.94	017400100S00							0.0 NONE 0	minor i					UNK					
Column C																					000	0.0
Color Colo												N -F	מזמח מ	MON	TE .	00 II+	יף נואוג		0	0.0		
STATE TH											FBNGK CAR		OI DRVR	NOI	VI.	00 01			0	00	000	00
N 2 2 2 3 3 3 3 3 3 4 3 3 5 4 3 3 3 5 4 3 3 3 5 5 4 3 3 5 5 5 5	01437 N N N N N	N 05/02/2019	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	0-1 L-T	URN 01 NONE 0	STRGHT										02,08
N	STATE	TH		MN 0	CN		TRF SIGNAL	N	DRY	TURN	PRVTE	S -N									000	00
	N	12P	PORTLAND UA	1.03	04	1		N	DAY	INJ	PSNGR CAR		01 DRVR	INJ	JΑ	67 M	OR-Y		0	00	000	00
Parison Pari	N	45 24 37.36	-122 29 9.94	017400100S00													OR<2	5				
STATE N N N N N N N N N																						
03462 N N N N N N 1/2/1/2020 CLACKAMAS 1 14 INTER CROSS N N N N N N 1/2/1/2020 CLACKAMAS 1 14 INTER CROSS N N N N N N 1/2/1/2020 CLACKAMAS 1 14 INTER CROSS N N N N N N N 1/2/1/2020 CLACKAMAS 1 14 INTER CROSS N N N N N N N N N N N N N N N N N N												N -E										
STATE MO											PSNGR CAR		01 DRVR	INJ	JA (62 F			0:	28,004	000	02,08
N 5P PORTLAND UA 1.03 04 104 10500 1740010	03462 N N N N N	N 12/21/2020	CLACKAMAS	1 14	INTER	CROSS	N	N	RAIN	0-1 L-T	URN 01 NONE 0	TURN-L										02
N 5P PORTLAND UA 1.03 04 10 1.04 1.03 04 10 1.04 10 10 10 10 10 10 10 10 10 10 10 10 10	STATE	MO			CN		TRF SIGNAL	N	WET	TURN	PRVTE	N -E									000	00
				1.03	04	1		N	DLIT	INJ	PSNGR CAR		01 DRVR	INJ	JC	65 F			0	28,004	000	02
PRVTE PRVT		13 21 37.30		01.100100000							02 NONE 0	STRGHT					010.2	-				
PSNGR CAR PSNG																					000	00
01435 N N N N N 0 05/30/2021 CLACKAMAS 1 14 INTER CROSS N N N N N 0 CLR O-1 L-TURN 01 NONE 0 STRGHT STATE													01 DRVR	INJ	JC :	29 F	OR-Y		0	00		
STATE SU MN 0 CN TRF SIGNAL N DRY TURN PRVTE S -N N 4P PORTLAND UA 1.03 04 1 N DAY INJ PSNGR CAR TO 1 DRVR NONE 49 M OR-Y 000 000 N 45 24 37.37 -122 29 9.95 017400100S00 N 5TRF SIGNAL N DAY INJ PSNGR CAR TO 1 DRVR NONE 49 M OR-Y 000 000 000 N DAY INJ PSNGR CAR TO 1 DRVR NONE 49 M OR-Y 000 000 000 N PRVTE S -N OR < 25 OR < 25 OR < 25 OR < 26 OR < 26 OR < 27 OR < 28 OR < 29 O																	OR<2	5				
N 4P PORTLAND UA 1.03 04 1 N DAY INJ PSNGR CAR O1 DRVR NONE 49 M OR-Y 000 000 00 N 45 24 37.37 -122 29 9.95 017400100S00 OR<25 OR C			CLACKAMAS			CROSS																
N 45 24 37.37 -122 29 9.95 017400100S00 OR<25 01 NONE 0 STRGHT PRVTE S -N 000 00							TRF SIGNAL					S -N										
01 NONE 0 STRGHT PRVTE S -N 000 00					04	1		N	DAY	INJ	PSNGR CAR		01 DRVR	NON	1E	49 M			0	UU	000	00
PRVTE S -N 000 00	IN	45 24 37.37	-122 29 9.95	017400100800							O1 NONE C	CAD CITA					OR<2	5				
																					000	0.0
												2 -IN	02 PSNG	TNI	TB ·	40 F			0	0.0		
											202.010 02110		-2 10110		_				3			

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174: CLACKAMAS-BORING Highway 174 ALL ROAD TYPES, MP 0.03 to 1.10 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

CONTINUOUS SYSTEM CRASH LISTING

TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

174: CLACKAMAS-BORING

Highway 174 ALL ROAD TYPES, MP 0.03 to 1.10 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

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82 - 85 of 97 Crash records shown.

S	S D M																		
SER# P	RJS	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE								
INVEST E	AUIC	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S			
RD DPT E	LGNH	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS PED			
	CSVL		LONG	MILEPNT LRS		(#LANES)			LIGHT		V# TYPE	TO	P# TYPE				ERROR	ACT EVENT	CAUSE
				***	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					01 NONE 0	STRGHT					-		
											PRVTE	S -N						000	00
											PSNGR CAR		03 PSNG	INJC	09 M		000	000	00
											0.0 NONE 0	minor i							
											02 NONE 0 PRVTE	TURN-L N -E						000	00
											PSNGR CAR	IV -E	01 DRVR	TNTB	55 F	OR-V	020,004	000	04,08
											I BIVOIC CAIC		OI DRVR	INOB	33 I	OR<25	020,001	000	01,00
02670 N	I N N N	09/10/2021	CLACKAMAS	1 14	INTER	CROSS	N	N	CLR	0-1 I ₁ -TIIF	RN 01 NONE 9	TURN-L							02,08
NONE		FR		MN 0	CN	011000	TRF SIGNAL	N	DRY	TURN	N/A	N -E						000	00
N		5P	PORTLAND UA	1.03	04	0		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 Uı	nk UNK	000	000	00
N		45 24 37.36	-122 29 9.94	017400100800												UNK			
											02 NONE 9	STRGHT							
											N/A	S -N						000	00
											PSNGR CAR		01 DRVR	NONE	00 U1	nk UNK	000	000	00
																UNK			
04356 Y	NNNN	N 12/05/2019	CLACKAMAS	1 14	STRGHT		Y	N	CLR	S-1STOP	01 NONE 0	STRGHT							01
STATE		TH		MN 0	UN	(NONE)	NONE	N	DRY	REAR	PRVTE	E -W						000	00
N		3P	PORTLAND UA	1.04	04			N	DAY	INJ	PSNGR CAR		01 DRVR	INJC	30 F	OR-Y	047	000	01
N		45 24 37.35	-122 29 9.27	017400100800		(03)										OR<25			
											02 NONE 0	STOP							
											PRVTE	E -W						011	00
											PSNGR CAR		01 DRVR	INJC	20 F	OR-Y OR<25	000	000	00
02042		00/00/0017	CT A CIVANA C	1 14	OMD CHIM				GI D	g 1gmon	0.1 NOVE 0	OMD GIAM				01(123			20
03243 N NO RPT	I N N N	08/08/2017 TU	CLACKAMAS	1 14 MN 0	STRGHT UN	(NONE)	N UNKNOWN	N N	CLR DRY	S-1STOP REAR	01 NONE 9 N/A	STRGHT W -E						000	29 00
NO RPI		5P	PORTLAND UA	1.05	03	(NONE)	UNKNOWN	N	DAY	PDO	PSNGR CAR	M -F	01 DRVR	NONE	00 117	nk IINK	000	000	00
N		45 24 37.36	-122 29 8.6	017400100800	03	(03)		14	DAI	100	I BIVOIC CAIC		OI DRVR	NONE	00 01	UNK	000	000	00
14		13 21 37.30	122 25 0.0	017100100000		(03)					02 NONE 9	STOP				OTVIC			
											N/A	W -E						011	00
											PSNGR CAR		01 DRVR	NONE	00 Uı	nk UNK	000	000	00
																UNK			
02426 N	I N N N	08/20/2021	CLACKAMAS	1 14	GRADE		N	N	CLR	S-1STOP	01 NONE 0	STRGHT							29,07
NONE		FR		MN 0	UN	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	W -E						000	00
N		3P	PORTLAND UA	1.05	04			N	DAY	INJ	PSNGR CAR		01 DRVR	INJB	42 F	OR-Y	026	000	29
N		45 24 37.36	-122 29 8.61	017400100800		(03)										OR>25			
											01 NONE 0	STRGHT							
											PRVTE	W - E						000	00
											PSNGR CAR		02 PSNG	INJB	16 F		000	000	00
											01 NONE 0	STRGHT							
											PRVTE	W -E						000	00
											PRVIE PSNGR CAR	44 -E	03 PSNG	TNTR	15 F		000	000	00
											15NON CAN		0.5 1.511.0	T140 D	15 F		000	000	0.0
											01 NONE 0	STRGHT							
											PRVTE	W -E						000	00
											PSNGR CAR		04 PSNG	INJB	15 F		000	000	00

CDS380 OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION
08/21/2023 TRANSPORTATION DATA SECTION - CRASH ANALYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

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174: CLACKAMAS-BORING

OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION CDS380 Page: 33

CONTINUOUS SYSTEM CRASH LISTING

Highway 174 ALL ROAD TYPES, MP 0.03 to 1.10 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage 174: CLACKAMAS-BORING

> 86 - 90 of 97 Crash records shown.

S D M																					
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE											
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE				A	S					
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	-	G	E LICN	IS PF	ED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVR	TY	E	X RES	LO	OC	ERROR	ACT EVENT	CAUSE
										01 NONE 0	STRGHT									0.00	0.0
										PRVTE PSNGR CAR	W -E	05 PSNG	T N.T	ם 1	5 6				000	000	0 0 0 0
										FBNGK CAR		UJ FBNG	TIVO	ъ т	.J F				000	000	00
										02 NONE 0	STOP										
										PRVTE	W -E									011	00
										PSNGR CAR		01 DRVR	NON	ΙE 3	37 M	OR-Y			000	000	00
																OR<2	.5				
02105 N N N N	06/24/2019	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT										29
NONE	MO		MIN 0	UN	(NONE)	TRF SIGNAL	N	DRY	REAR	PRVTE	E -W									000	00
N	2P	PORTLAND UA	1.05	05	(02)		N	DAY	INJ	PSNGR CAR		01 DRVR	NON	IE 3	19 F				026	000	29
N	45 24 37.36	-122 29 8.61	017400100S00		(03)					02 NONE 0	STOP					OR<2	5				
										PRVTE	E -W									011	00
										PSNGR CAR		01 DRVR	INJ	ъ 4	0 F	OR-Y			000	000	00
																OR<2	.5				
01111 N N N N	03/10/2020	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 0	STRGHT									116	27,29
NONE	TU		MIN 0	UN	(NONE)	TRF SIGNAL	N	DRY	REAR	PRVTE	E -W									000	00
N	5P	PORTLAND UA	1.05	05			N	DAY	INJ	PSNGR CAR		01 DRVR	INJ	C 2	22 F	OR-Y			026	038 116	27,29
N	45 24 37.37	-122 29 8.61	017400100S00		(03)											OR<2	.5				
										02 NONE 0	STOP									0.1.1	0.0
										PRVTE PSNGR CAR	E -W	01 DRVR	NON	rr 6	: O M	OB-V	7		000	011 000	00 00
										FSNGR CAR		OI DRVR	NON	IE 0	70 141	OR<2			000	000	00
00383 N N N N	01/29/2020	CLACKAMAS	1 14	STRGHT		N	N	RAIN	S-1STOP	01 NONE 9	STRGHT										29
NONE	WE	02210141110	MIN 0	UN	(NONE)	NONE	N	WET	REAR	N/A	W -E									000	00
N	4P	PORTLAND UA	1.06	03			N	DUSK	PDO	PSNGR CAR		01 DRVR	NON	E 0	0 U	nk UNK			000	000	00
N	45 24 37.36	-122 29 7.89	017400100800		(03)											UNK					
										02 NONE 9	STRGHT										
										N/A	W -E	01 557		- ^		1			000	000	00
										PSNGR CAR		01 DRVR	NON	IE U	10 U1	IK UNK UNK			000	000	00
01077 37 37 37	02/01/0017	OT A OTLANTA C	1 14	OMD CITE		N.	NT.	D 7 T 7 T	g 1gmor	0.1 NONE 0	OMD CITE					OIVIC					0.7
01077 N N N N COUNTY	03/21/2017 TU	CLACKAMAS	1 14 MN 0	STRGHT UN	(NONE)	N NONE	N N	RAIN WET	S-1STOP REAR	01 NONE 9 N/A	STRGHT E -W									000	07 00
N	6P	PORTLAND UA	1.06	05	(NONE)	NONE	N	DAY	PDO	PSNGR CAR	E W	01 DRVR	NON	E O	0 TJ:	nk UNK			000	000	00
N		-122 29 7.93	017400100S00		(03)							V=				UNK					
										02 NONE 9	STOP										
										N/A	E -W									011	00
										PSNGR CAR		01 DRVR	NON	ΙΕ O	0 U1				000	000	00
																UNK					
00362 N N N N	02/10/2021	CLACKAMAS	1 14	GRADE		Y	N	CLR	S-1STOP	01 NONE 0	STRGHT									013	29
NO RPT	WE	DODET 1	MN 0	UN	(NONE)	UNKNOWN	N	DRY	REAR	PRVTE	E -W	01		<u> </u>		-	_		225	000	00
N N	6P 45 24 27 26	PORTLAND UA -122 29 7.93	1.06	05	(02)		N	DARK	INJ	PSNGR CAR		01 DRVR	INJ	в 7	'				026	000	29
N	45 24 37.36	-122 29 7.93	017400100S00		(03)					01 NONE 0	STRGHT					OR<2	S				
										PRVTE	E -W									000	00
										PSNGR CAR		02 PSNG	INJ	ъ 7	'1 F				000	000	00

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CONTINUOUS SYSTEM CRASH LISTING

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CONTINUOUS SYSTEM CRASH LISTING

Highway 174 ALL ROAD TYPES, MP 0.03 to 1.10 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage 174: CLACKAMAS-BORING

91 - 95 of 97 Crash records shown.

S D M																			
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			А	S				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICN	S PED			
UNLOC? D C S V L		LONG	MILEPNT LRS		(#LANES)			LIGHT		V# TYPE	TO	P# TYPE				LOC	ERROR	ACT EVENT	CAUSE
										02 NONE 0	STOP								
										PRVTE	E -W							011 013	00
										PSNGR CAR		01 DRVR	NONE	59 M			000	000	00
										0.2 NONE 0	GEO D				OR<2	5			
										03 NONE 0 PRVTE	STOP E -W							022	00
										PSNGR CAR	E -W	01 DRVR	NONE	30 M	OR-Y		000	000	00
										I DIVOIT GILL		01 211111	1,01,2	50 11	OR<2				
										04 NONE 0	STRGHT								
										PRVTE	E -W							022	00
										PSNGR CAR		01 DRVR	NONE	22 F	OR-Y		000	000	00
															OR<2	5			
00586 N N N N	02/13/2020	CLACKAMAS	1 14	STRGHT		N	N	RAIN	S-STRGHT	01 NONE 9	STRGHT								13
NONE	TH		MN 0	UN	(NONE)	NONE	N	WET	SS-O	N/A	E -W							000	00
N	5P	PORTLAND UA	1.07	05			N	DARK	PDO	PSNGR CAR		01 DRVR	NONE	00 U	nk UNK		000	000	00
N	45 24 37.39	-122 29 7.24	017400100S00		(03)										UNK				
										02 NONE 9	STRGHT								
										N/A	E -W	0.1 DDITE	NONE	0.0 ***	-1		000	000	00
										PSNGR CAR		01 DRVR	NONE	00 0.	UNK		000	000	00
02021 27 27 27	11 /00 /000	GT 3 GT 3 LT 3 G	1 14	CERT CLUE			1-		g 1 gmon	0.1 270277	GER GIVE				OIVIC				
03231 N N N N NONE	11/29/2020 SU	CLACKAMAS	1 14 MN 0	STRGHT UN	(NONE)	N NONE	N N	CLR DRY	S-1STOP REAR	01 NONE 9 N/A	STRGHT E -W							000	29 00
N	3P	PORTLAND UA	1.07	05	(NONE)	NONE	N	DAY	PDO	PSNGR CAR	E -W	01 DRVR	NONE	0.0 11	nk IINK		000	000	00
N	45 24 37.37	-122 29 7.27	017400100800	03	(03)		11	DIII	120	I DIVOIC CIEC		OI DIVI	IVOIVE	00 0	UNK		000	000	0.0
					, ,					02 NONE 9	STOP								
										N/A	E -W							011	00
										PSNGR CAR		01 DRVR	NONE	00 U	nk UNK		000	000	00
															UNK				
01155 N N N N N	N 04/29/2021	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 9	STRGHT								27,16
STATE	TH		MN 0	UN	(NONE)	TRF SIGNAL	N	DRY	REAR	N/A	E -W							000	00
N	3P	PORTLAND UA	1.07	05			N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 U			000	000	00
N	45 24 37.36	-122 29 7.29	017400100S00		(03)					0.0 NONE	GEO D				UNK				
										02 NONE 9 N/A	STOP E -W							011	00
										PSNGR CAR	E -W	01 DRVR	NONE	00 11	nk IINK		000	000	00
										I DIVOIT CITE		or bittit	NONE	000	UNK		000	000	0.0
00600 N N N N	03/07/2021	CLACKAMAS	1 14	STRGHT		N	N	RAIN	S-1STOP	01 NONE 9	STRGHT							124	29
NONE	SU	CENTCICITIE	MN 0	UN	(NONE)	UNKNOWN	N	WET	REAR	N/A	E -W							000	00
N	12P	PORTLAND UA	1.07	05	(====,		N	DAY	PDO	PSNGR CAR		01 DRVR	NONE	00 U:	nk UNK		000	000	00
N	45 24 37.36	-122 29 7.27	017400100800		(03)										UNK				
										02 NONE 9	STOP								
										N/A	E -W							011	00
										PSNGR CAR		01 DRVR	NONE	00 U			000	000	00
															UNK				
81062 Y N N N	02/05/2019	CLACKAMAS	1 14	STRGHT		N	N	CLR	S-1STOP	01 NONE 9	STRGHT							124	01
NONE	TU		MN 0	UN	(NONE)	UNKNOWN	N	ICE	REAR	N/A	E -W	0		0 -			0.5.5	000	00
N	6A	PORTLAND UA	1.09	04	(00)		N	DARK	PDO	PSNGR CAR		01 DRVR	NONE	00 U			000	000	00
N	45 24 37.37	-122 29 5.94	017400100800		(02)										UNK				

CDS380 OREGON DEPARTMENT OF TRANSPORTATION - TRANSPORTATION DEVELOPMENT DIVISION
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CONTINUOUS SYSTEM CRASH LISTING

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TRANSPORTATION DATA SECTION - CRASH ANAYLYSIS AND REPORTING UNIT

CONTINUOUS SYSTEM CRASH LISTING

Highway 174 ALL ROAD TYPES, MP 0.03 to 1.10 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage 174: CLACKAMAS-BORING

96 - 97 of 97 Crash records shown.

S D M																			
SER# P R J S	W DATE	COUNTY	RD# FC CONN#	RD CHAR	INT-TYPE					SPCL USE									
INVEST E A U I C	O DAY	CITY	COMPNT FIRST STREET	DIRECT	(MEDIAN)	INT-REL	OFFRD	WTHR	CRASH	TRLR QTY	MOVE			A	S				
RD DPT E L G N H	R TIME	URBAN AREA	MLG TYP SECOND STREET	LOCTN	LEGS	TRAF-	RNDBT	SURF	COLL	OWNER	FROM	PRTC	INJ	G	E LICNS	PED			
UNLOC? D C S V L	K LAT	LONG	MILEPNT LRS		(#LANES)	CONTL	DRVWY	LIGHT	SVRTY	V# TYPE	TO	P# TYPE	SVRTY	Е	X RES	LOC	ERROR	ACT EVENT	CAUSE
				,						02 NONE 9	STOP								
										N/A	E -M							011	00
										PSNGR CAR		01 DRVR	NONE	0.0	Unk UNK		000	000	00
															UNK				
01551 N N N N	06/16/2020	CLACKAMAS	1 14	STRGHT		N	N	RAIN	S-STRGHT	01 NONE 0	STRGHT								29
NO RPT	TU		MIN 0	UN	(NONE)	NONE	N	WET	REAR	PRVTE	E -W							000	00
N	1P	PORTLAND UA	1.09	05			N	DAY	INJ	PSNGR CAR		01 DRVR	NONE	19	M OR-Y		042	000	29
N	45 24 37.38	-122 29 5.92	017400100800		(02)										OR<25				
										02 NONE 0	STRGHT								
										PRVTE	E -W							006	00
										PSNGR CAR		01 DRVR	NONE	59	M OR-Y		000	000	00
															OR<25				
										02 NONE 0	STRGHT								
										PRVTE	E -W							006	00
										PSNGR CAR		02 PSNG	INJC	55	F		000	000	00

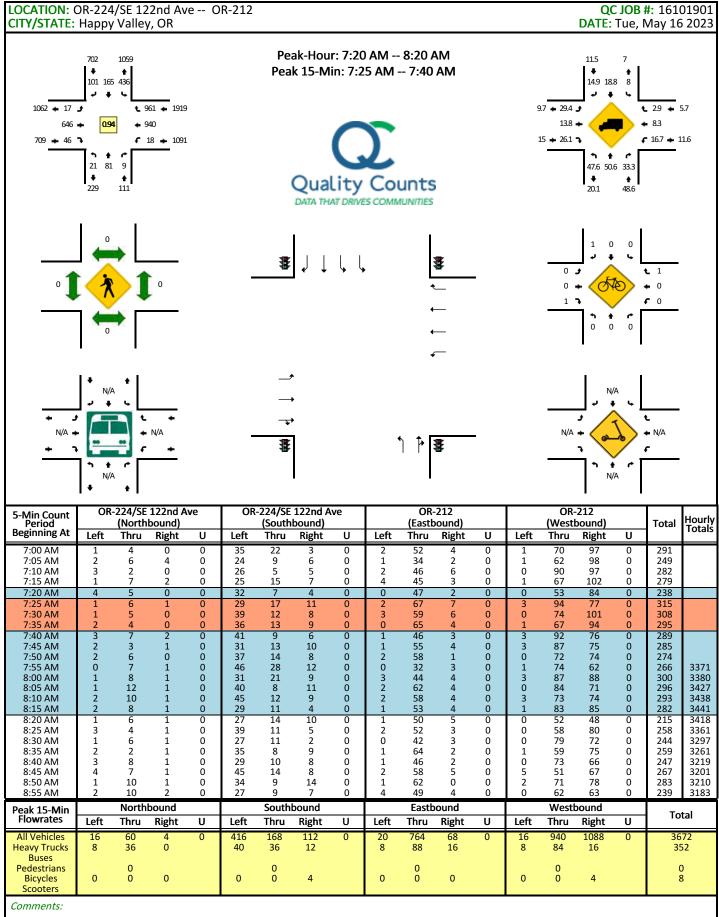
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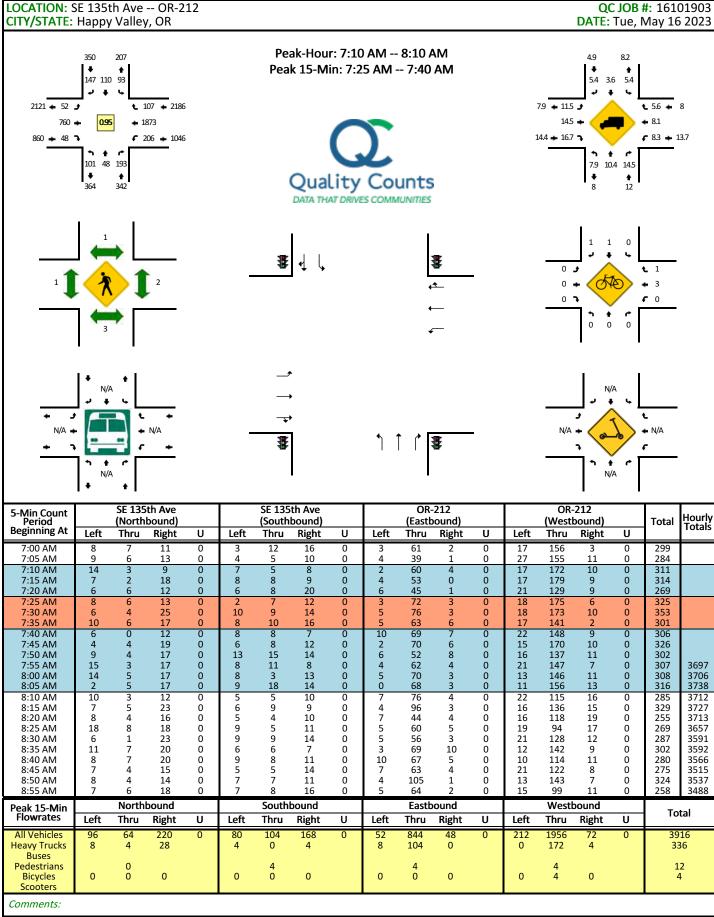
CONTINUOUS SYSTEM CRASH LISTING

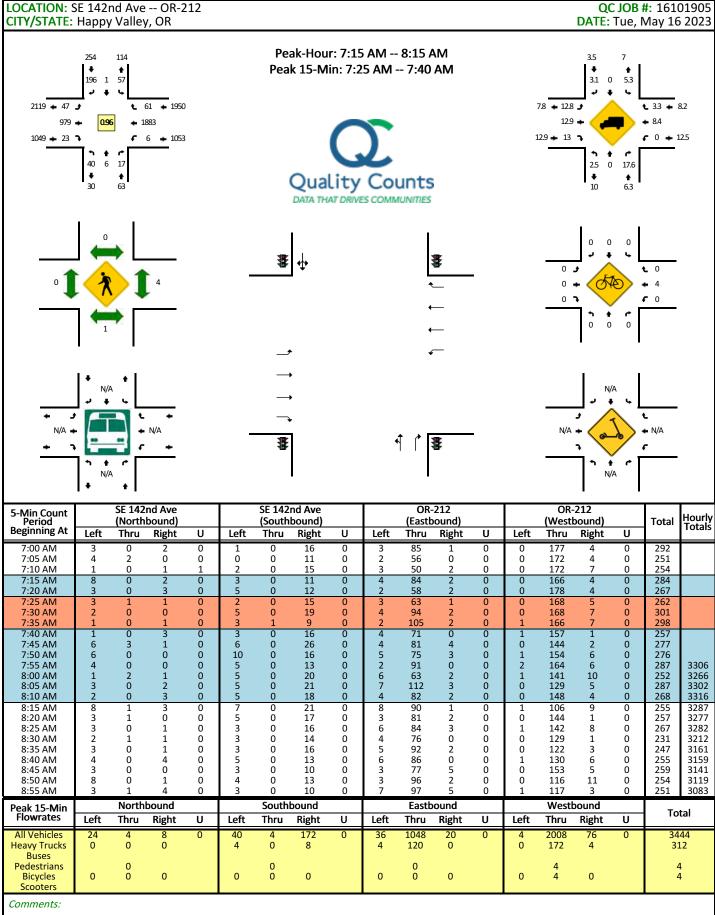
174: CLACKAMAS-BORING Highway 174 ALL ROAD TYPES, MP 0.03 to 1.10 01/02/2017 to 12/31/2021, Both Add and Non-Add mileage

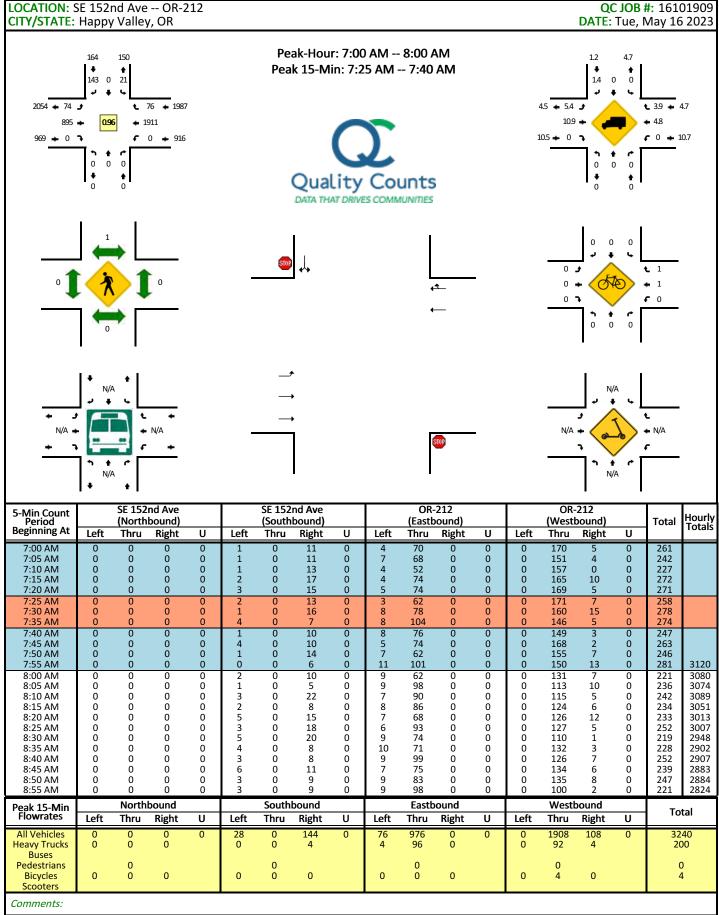
Appendix B Intersection Turning Movement Counts

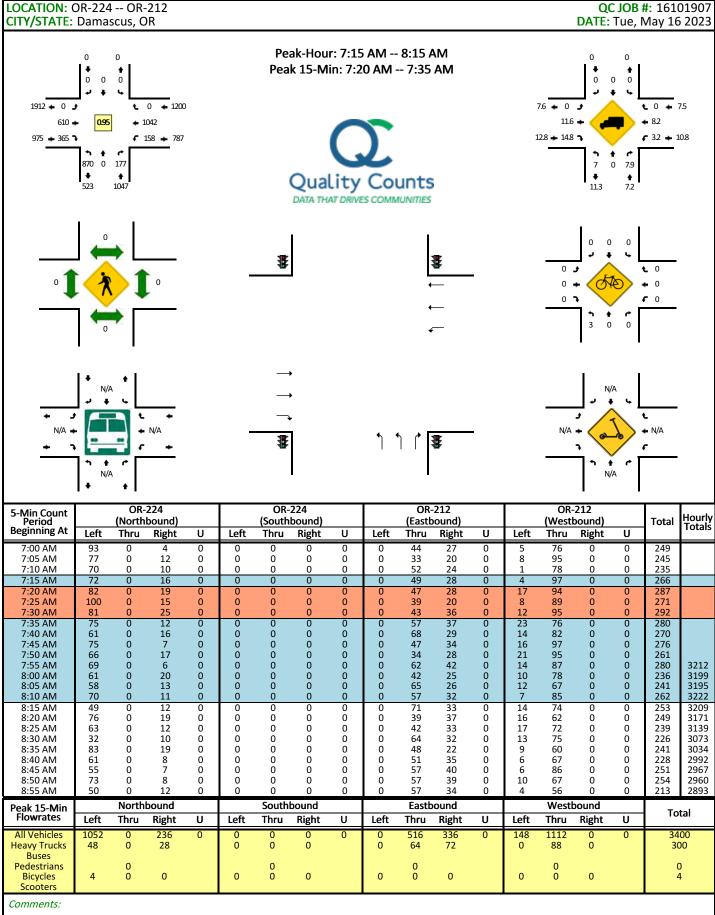
Kittelson & Associates, Inc.

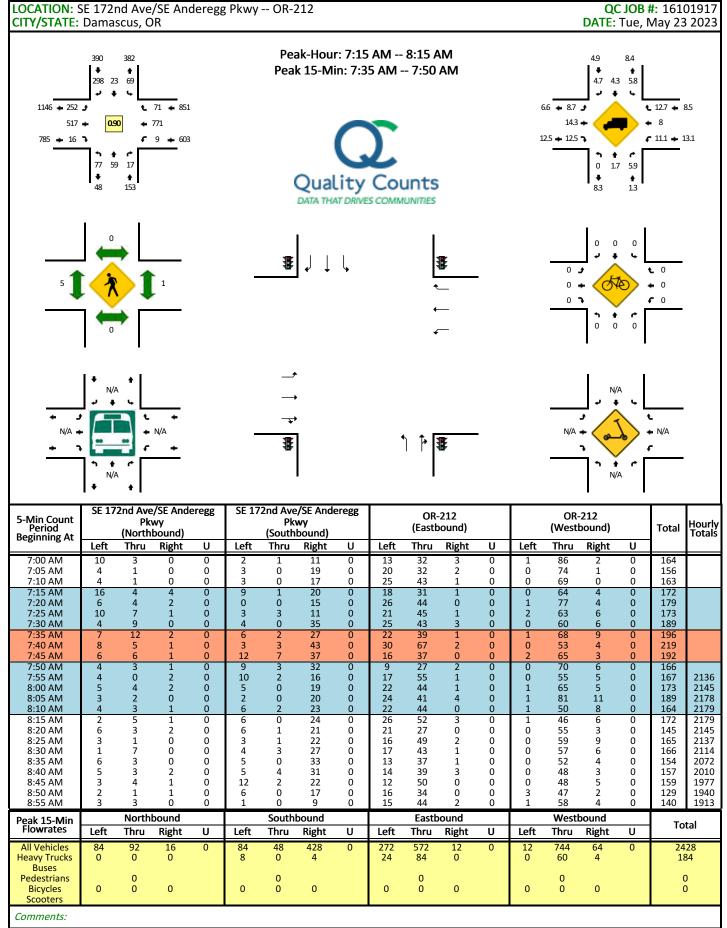


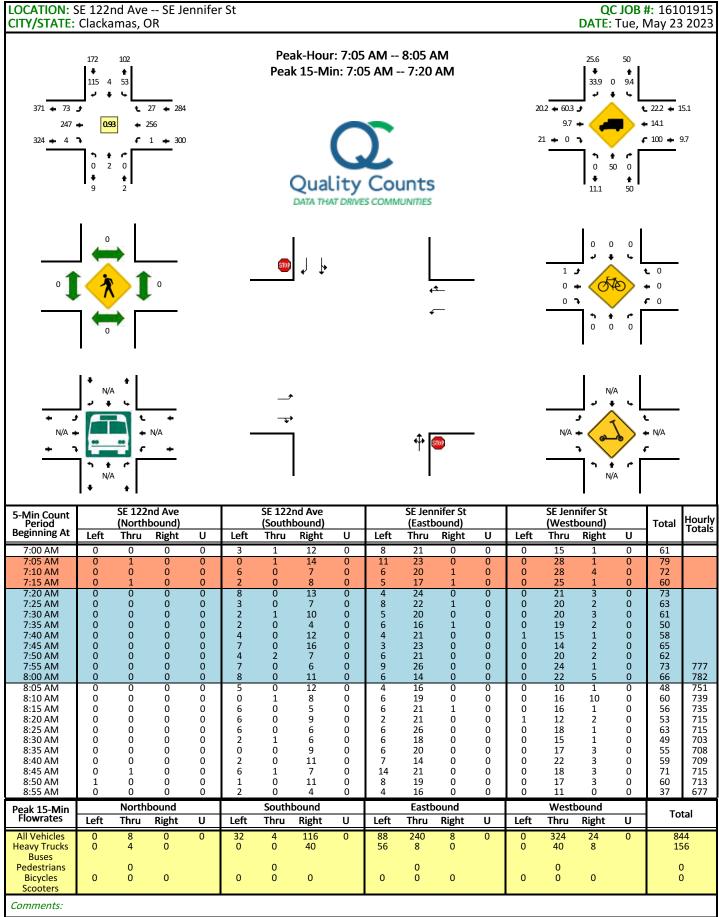


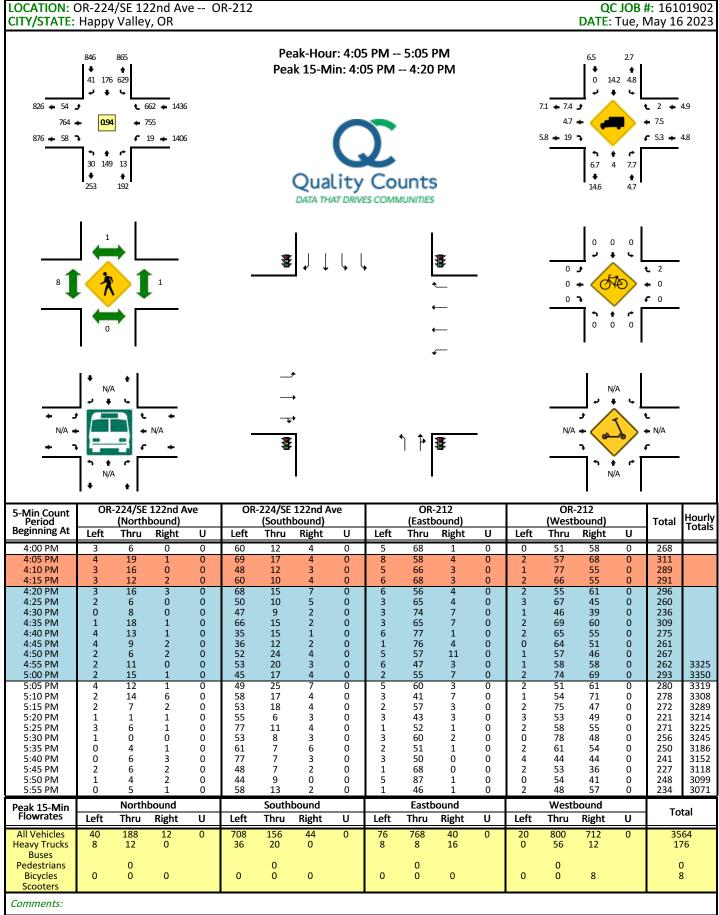


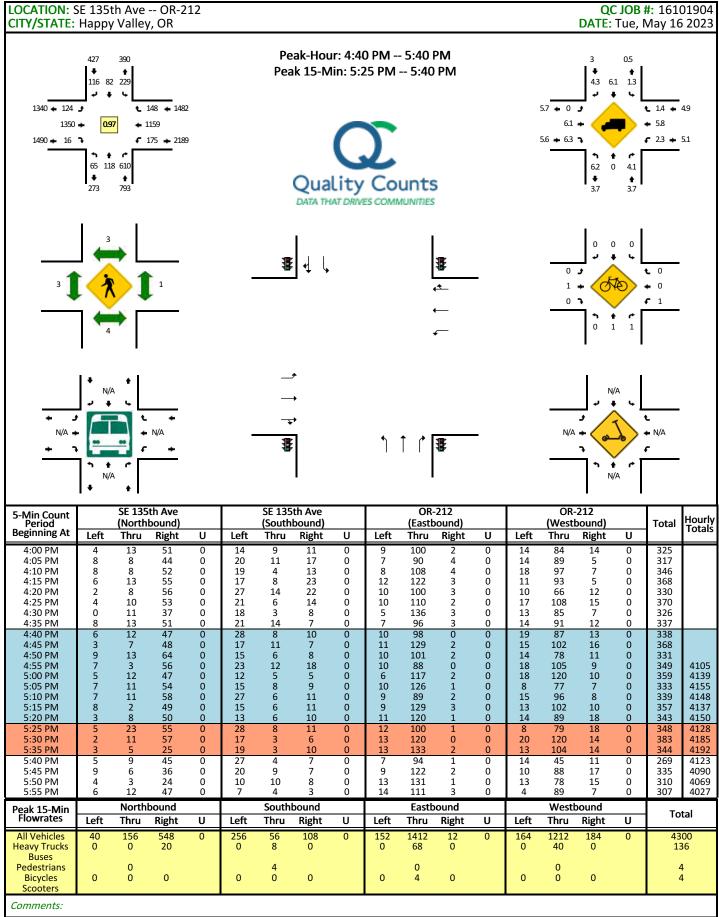


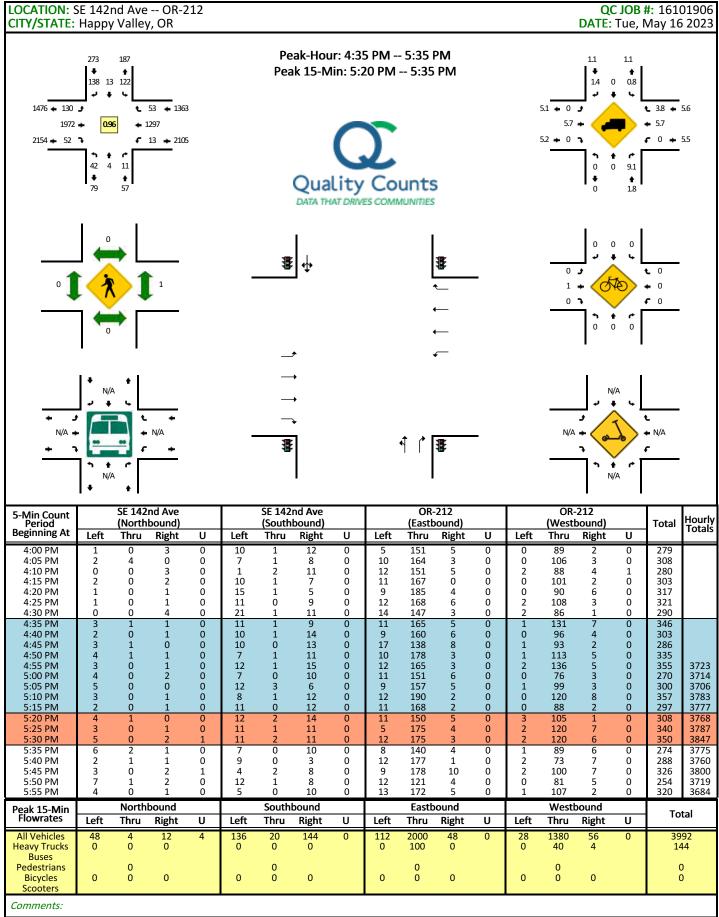


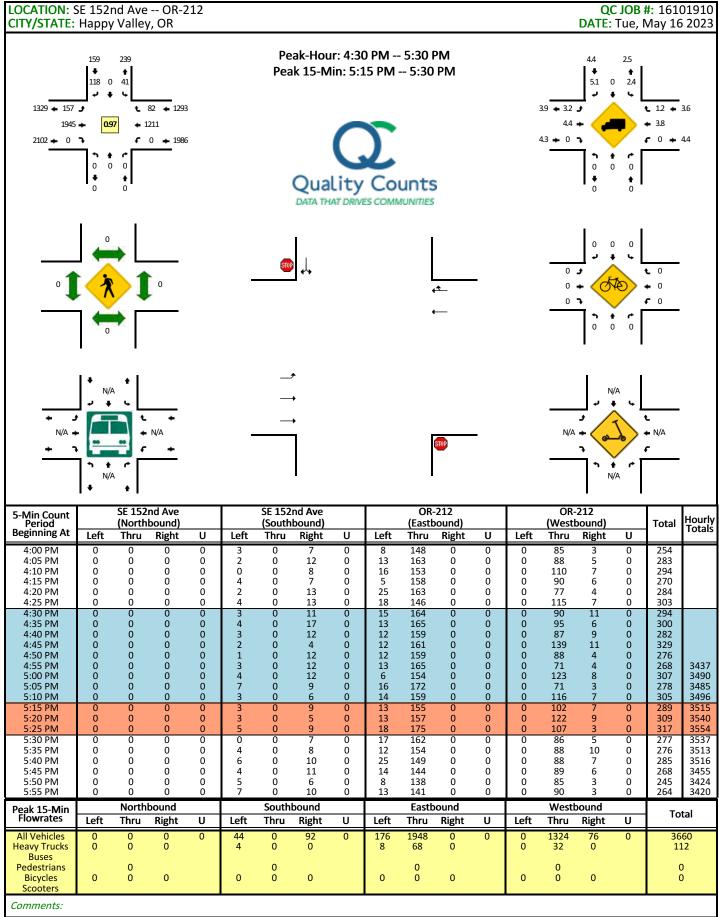


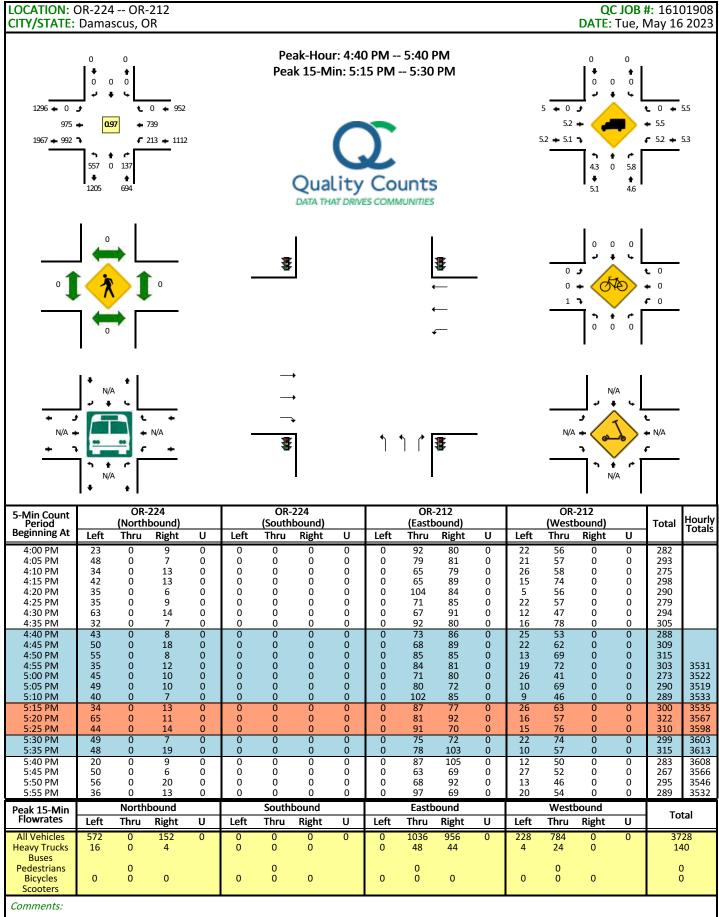


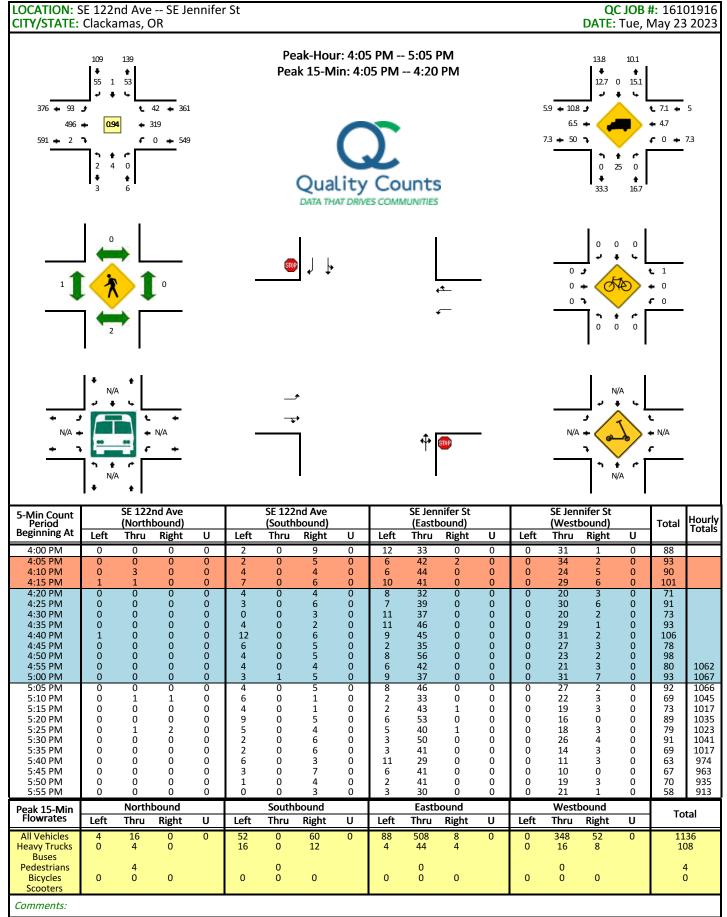












Appendix C Intersection Operations Worksheets

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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		^	7	7	^					7		7
Traffic Volume (vph)	0	1061	282	15	2072	0	0	0	0	85	0	241
Future Volume (vph)	0	1061	282	15	2072	0	0	0	0	85	0	241
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		4.5	4.5	3.0	4.5					4.5		4.5
Lane Util. Factor		0.95	1.00	1.00	0.95					1.00		1.00
Frt		1.00	0.85	1.00	1.00					1.00		0.85
Flt Protected		1.00	1.00	0.95	1.00					0.95		1.00
Satd. Flow (prot)		3343	1392	1228	3343					1687		1509
FIt Permitted		1.00	1.00	0.95	1.00					0.95		1.00
Satd. Flow (perm)		3343	1392	1228	3343					1687		1509
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	0	1153	307	16	2252	0	0	0	0	92	0	262
RTOR Reduction (vph)	0	0	93	0	0	0	0	0	0	0	0	53
Lane Group Flow (vph)	0	1153	214	16	2252	0	0	0	0	92	0	209
Heavy Vehicles (%)	0%	8%	16%	47%	8%	0%	0%	0%	0%	7%	0%	7%
Turn Type		NA	Perm	Prot	NA					Prot		Perm
Protected Phases		2		1	6					4		
Permitted Phases			2							4		4
Actuated Green, G (s)		82.2	82.2	3.3	89.5					19.0		19.0
Effective Green, g (s)		83.7	83.7	4.3	91.0					20.0		20.0
Actuated g/C Ratio		0.70	0.70	0.04	0.76					0.17		0.17
Clearance Time (s)		6.0	6.0	4.0	6.0					5.5		5.5
Vehicle Extension (s)		0.5	0.5	2.3	0.5					2.3		2.3
Lane Grp Cap (vph)		2331	970	44	2535					281		251
v/s Ratio Prot		0.34		0.01	c0.67					0.05		
v/s Ratio Perm			0.15									c0.14
v/c Ratio		0.49	0.22	0.36	0.89					0.33		0.83
Uniform Delay, d1		8.4	6.5	56.5	10.7					44.1		48.4
Progression Factor		1.00	1.00	1.04	1.43					1.00		1.00
Incremental Delay, d2		0.8	0.5	1.4	2.5					0.4		19.8
Delay (s)		9.1	7.0	60.2	17.9					44.5		68.2
Level of Service		A	А	Е	В			0.0		D	20.0	Е
Approach Delay (s)		8.7			18.2			0.0			62.0	
Approach LOS		Α			В			А			E	
Intersection Summary			40.0		0110000							
HCM 2000 Control Delay			18.6	Н	CM 2000	Level of S	Service		В			
HCM 2000 Volume to Capacity	y ratio		0.90						40.0			
Actuated Cycle Length (s)			120.0		um of lost				12.0			
Intersection Capacity Utilizatio	n		79.7%	IC	U Level o	of Service			D			
Analysis Period (min)			15									
c Critical Lane Group												

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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		^	7	7	^					7		7
Traffic Volume (veh/h)	0	1061	282	15	2072	0	0	0	0	85	0	241
Future Volume (veh/h)	0	1061	282	15	2072	0	0	0	0	85	0	241
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1781	1663	1203	1781	0				1796	0	1796
Adj Flow Rate, veh/h	0	1153	0	16	2252	0				92	0	262
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	8	16	47	8	0				7	0	7
Cap, veh/h	0	2337		25	2496	0				321	0	285
Arrive On Green	0.00	0.69	0.00	0.04	1.00	0.00				0.19	0.00	0.19
Sat Flow, veh/h	0	3474	1409	1146	3474	0				1711	0	1522
Grp Volume(v), veh/h	0	1153	0	16	2252	0				92	0	262
Grp Sat Flow(s),veh/h/ln	0	1692	1409	1146	1692	0				1711	0	1522
Q Serve(g_s), s	0.0	19.2	0.0	1.6	0.0	0.0				5.5	0.0	20.3
Cycle Q Clear(g_c), s	0.0	19.2	0.0	1.6	0.0	0.0				5.5	0.0	20.3
Prop In Lane	0.00		1.00	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	2337		25	2496	0				321	0	285
V/C Ratio(X)	0.00	0.49		0.63	0.90	0.00				0.29	0.00	0.92
Avail Cap(c_a), veh/h	0	2337		210	2496	0				321	0	285
HCM Platoon Ratio	1.00	1.00	1.00	2.00	2.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	0.00	0.33	0.33	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	8.7	0.0	56.9	0.0	0.0				41.9	0.0	47.8
Incr Delay (d2), s/veh	0.0	0.7	0.0	5.1	2.1	0.0				0.3	0.0	32.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	0.0	11.0	0.0	0.9	1.3	0.0				4.3	0.0	15.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	9.5	0.0	62.0	2.1	0.0				42.2	0.0	80.1
LnGrp LOS	Α	A		E	A	A				D	A	F
Approach Vol, veh/h		1153			2268						354	
Approach Delay, s/veh		9.5			2.5						70.3	
Approach LOS		Α			Α						E	
Timer - Assigned Phs	1	2		4		6						
Phs Duration (G+Y+Rc), s	5.7	87.3		27.0		93.0						
Change Period (Y+Rc), s	4.0	6.0		5.5		6.0						
Max Green Setting (Gmax), s	21.0	62.0		21.5		87.0						
Max Q Clear Time (g_c+I1), s	3.6	21.2		22.3		2.0						
Green Ext Time (p_c), s	0.0	2.6		0.0		7.9						
Intersection Summary												
HCM 6th Ctrl Delay			11.0									
HCM 6th LOS			В									

Unsignalized Delay for [EBR] is excluded from calculations of the approach delay and intersection delay.

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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	7	^			1		44	₽		1		77
Traffic Volume (vph)	221	925	0	0	727	146	594	2	365	22	0	766
Future Volume (vph)	221	925	0	0	727	146	594	2	365	22	0	766
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	3.0	4.5			4.5		4.0	4.0		4.5		4.0
Lane Util. Factor	1.00	0.95			0.95		0.97	1.00		1.00		0.88
Frpb, ped/bikes	1.00	1.00			1.00		1.00	1.00		1.00		1.00
Flpb, ped/bikes	1.00	1.00			1.00		1.00	1.00		1.00		1.00
Frt	1.00	1.00			0.97		1.00	0.85		1.00		0.85
FIt Protected	0.95	1.00			1.00		0.95	1.00		0.95		1.00
Satd. Flow (prot)	1703	3343			3279		3242	1371		1467		2608
FIt Permitted	0.95	1.00			1.00		0.95	1.00		0.95		1.00
Satd. Flow (perm)	1703	3343			3279		3242	1371		1467		2608
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	240	1005	0	0	790	159	646	2	397	24	0	833
RTOR Reduction (vph)	0	0	0	0	14	0	0	214	0	0	0	83
Lane Group Flow (vph)	240	1005	0	0	935	0	646	185	0	24	0	750
Confl. Peds. (#/hr)			1	1								
Heavy Vehicles (%)	6%	8%	0%	0%	8%	4%	8%	0%	18%	23%	0%	9%
Turn Type	Prot	NA			NA		Prot	NA		Prot		pt+ov
Protected Phases	5	2			6		3	8		7		4 5
Permitted Phases												
Actuated Green, G (s)	31.5	68.2			32.7		27.9	24.9		9.9		42.4
Effective Green, g (s)	32.5	69.7			34.2		29.4	26.4		10.9		41.4
Actuated g/C Ratio	0.27	0.58			0.29		0.24	0.22		0.09		0.34
Clearance Time (s)	4.0	6.0			6.0		5.5	5.5		5.5		
Vehicle Extension (s)	2.3	4.6			4.6		2.3	2.3		2.3		
Lane Grp Cap (vph)	461	1941			934		794	301		133		899
v/s Ratio Prot	0.14	0.30			c0.29		c0.20	0.14		0.02		c0.29
v/s Ratio Perm												
v/c Ratio	0.52	0.52			1.00		0.81	0.62		0.18		0.83
Uniform Delay, d1	37.1	15.1			42.9		42.7	42.2		50.4		36.1
Progression Factor	0.93	1.04			1.00		1.00	1.00		1.00		1.00
Incremental Delay, d2	3.7	0.9			29.8		6.2	3.0		0.4		6.5
Delay (s)	38.3	16.6			72.7		48.9	45.2		50.8		42.7
Level of Service	D	В			E		D	D		D		D
Approach Delay (s)		20.8			72.7			47.5			42.9	
Approach LOS		С			Е			D			D	
Intersection Summary												
HCM 2000 Control Delay			44.3	H	CM 2000	Level of S	Service		D			
HCM 2000 Volume to Capac	city ratio		0.89	-					10.0			
Actuated Cycle Length (s)			120.0		um of lost				16.0			
Intersection Capacity Utilizat	tion		78.9%	IC	U Level o	ot Service			D			
Analysis Period (min)			15									

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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	*	^			* 1>		77	1		*		77
Traffic Volume (veh/h)	221	925	0	0	727	146	594	2	365	22	0	766
Future Volume (veh/h)	221	925	0	0	727	146	594	2	365	22	0	766
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1811	1781	0	0	1781	1841	1781	1900	1633	1559	0	1767
Adj Flow Rate, veh/h	240	1005	0	0	790	159	646	2	397	24	0	833
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	6	8	0	0	8	4	8	0	18	23	0	9
Cap, veh/h	275	2412	0	0	1435	289	713	1	240	43	0	0
Arrive On Green	0.32	1.00	0.00	0.00	0.51	0.50	0.22	0.15	0.14	0.03	0.00	0.01
Sat Flow, veh/h	1725	3474	0	0	2896	565	3291	8	1603	1485	24	
Grp Volume(v), veh/h	240	1005	0	0	476	473	646	0	399	24	64.1	
Grp Sat Flow(s),veh/h/ln	1725	1692	0	0	1692	1680	1646	0	1611	1485	Е	
Q Serve(g_s), s	15.7	0.0	0.0	0.0	23.0	23.1	23.0	0.0	18.0	1.9		
Cycle Q Clear(g_c), s	15.7	0.0	0.0	0.0	23.0	23.1	23.0	0.0	18.0	1.9		
Prop In Lane	1.00		0.00	0.00		0.34	1.00		0.99	1.00		
Lane Grp Cap(c), veh/h	275	2412	0	0	865	859	713	0	242	43		
V/C Ratio(X)	0.87	0.42	0.00	0.00	0.55	0.55	0.91	0.00	1.65	0.55		
Avail Cap(c_a), veh/h	546	2412	0	0	865	859	713	0	242	217		
HCM Platoon Ratio	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
Upstream Filter(I)	0.88	0.88	0.00	0.00	0.98	0.98	1.00	0.00	1.00	1.00		
Uniform Delay (d), s/veh	39.7	0.0	0.0	0.0	20.0	20.2	45.8	0.0	51.7	57.5		
Incr Delay (d2), s/veh	4.8	0.5	0.0	0.0	1.1	1.1	15.0	0.0	310.6	6.6		
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
%ile BackOfQ(95%),veh/ln	9.8	0.3	0.0	0.0	14.1	14.1	16.2	0.0	44.1	1.4		
Unsig. Movement Delay, s/veh		٥٦	0.0	0.0	04.4	04.0	CO 0	0.0	200.4	C4.4		
LnGrp Delay(d),s/veh	44.4	0.5	0.0	0.0	21.1 C	21.3	60.8	0.0	362.4	64.1		
LnGrp LOS	D	A 4045	A	A		С	<u>E</u>	A 4045	F	<u>E</u>		
Approach Vol, veh/h		1245			949			1045				
Approach LOS		8.9			21.2			176.0				
Approach LOS		Α			С			F				
Timer - Assigned Phs		2	3		5	6	7	8				
Phs Duration (G+Y+Rc), s		90.0	30.0		24.2	65.8	8.0	22.0				
Change Period (Y+Rc), s		6.0	5.5		6.0	* 6	5.5	5.5				
Max Green Setting (Gmax), s		70.0	24.5		37.0	* 29	16.5	16.5				
Max Q Clear Time (g_c+l1), s		2.0	25.0		17.7	25.1	3.9	20.0				
Green Ext Time (p_c), s		18.4	0.0		0.4	2.7	0.0	0.0				
Intersection Summary												
HCM 6th Ctrl Delay			66.4									
HCM 6th LOS			Е									

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User approved pedestrian interval to be less than phase max green.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

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Movement	EBT	EBR	WBL	WBT	NBL	NBR	
Lane Configurations	^	7	*	^			
Traffic Volume (vph)	754	558	325	873	0	0	
Future Volume (vph)	754	558	325	873	0	0	
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	
Total Lost time (s)	4.0	4.0	1.0	4.0			
Lane Util. Factor	0.95	1.00	1.00	0.95			
Frt	1.00	0.85	1.00	1.00			
Flt Protected	1.00	1.00	0.95	1.00			
Satd. Flow (prot)	3223	1509	1517	3505			
FIt Permitted	1.00	1.00	0.95	1.00			
Satd. Flow (perm)	3223	1509	1517	3505			
Peak-hour factor, PHF	0.98	0.98	0.98	0.98	0.98	0.98	
Adj. Flow (vph)	769	569	332	891	0	0	
RTOR Reduction (vph)	0	189	0	0	0	0	
Lane Group Flow (vph)	769	380	332	891	0	0	
Heavy Vehicles (%)	12%	7%	19%	3%	0%	0%	
Turn Type	NA	Perm	Prot	NA			
Protected Phases	2		1	6			
Permitted Phases		2					
Actuated Green, G (s)	28.5	28.5	18.1	57.6			
Effective Green, g (s)	31.5	31.5	21.1	57.6			
Actuated g/C Ratio	0.55	0.55	0.37	1.00			
Clearance Time (s)	7.0	7.0	4.0	7.0			
Vehicle Extension (s)	4.7	4.7	2.3	4.7			
Lane Grp Cap (vph)	1762	825	555	3505			
v/s Ratio Prot	0.24		c0.22	0.25			
v/s Ratio Perm		c0.25					
v/c Ratio	0.44	0.46	0.60	0.25			
Uniform Delay, d1	7.8	7.9	14.8	0.0			
Progression Factor	1.00	1.00	1.00	1.00			
Incremental Delay, d2	0.3	0.8	1.3	0.1			
Delay (s)	8.1	8.7	16.1	0.1			
Level of Service	Α	Α	В	Α			
Approach Delay (s)	8.3			4.4	0.0		
Approach LOS	Α			Α	Α		
Intersection Summary							
HCM 2000 Control Delay			6.5	HC	CM 2000 I	Level of Service	Э
HCM 2000 Volume to Capaci	ity ratio		0.57				
Actuated Cycle Length (s)			57.6		um of lost		
Intersection Capacity Utilizati	on		59.2%	IC	U Level o	f Service	
Analysis Period (min)			15				
c Critical Lane Group							

HCM 6th Edition methodology does not support exclusive ped or hold phases.

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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	7	1		7	^	7	7	ĵ.		44	^	7
Traffic Volume (vph)	21	665	45	18	963	1091	20	86	10	470	176	108
Future Volume (vph)	21	665	45	18	963	1091	20	86	10	470	176	108
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.2		4.0	4.2	5.4	4.0	4.8		3.0	3.8	3.0
Lane Util. Factor	1.00	0.95		1.00	0.95	1.00	1.00	1.00		0.97	1.00	1.00
Frt	1.00	0.99		1.00	1.00	0.85	1.00	0.98		1.00	1.00	0.85
Flt Protected	0.95	1.00		0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00
Satd. Flow (prot)	1388	3114		1543	3343	1568	1203	1289		3242	1597	1417
Flt Permitted	0.95	1.00		0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00
Satd. Flow (perm)	1388	3114		1543	3343	1568	1203	1289		3242	1597	1417
Peak-hour factor, PHF	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Adj. Flow (vph)	22	707	48	19	1024	1161	21	91	11	500	187	115
RTOR Reduction (vph)	0	3	0	0	0	397	0	4	0	0	0	0
Lane Group Flow (vph)	22	752	0	19	1024	764	21	98	0	500	187	115
Heavy Vehicles (%)	30%	14%	27%	17%	8%	3%	50%	48%	20%	8%	19%	14%
Turn Type	Prot	NA		Prot	NA	Perm	Prot	NA		Prot	NA	Free
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases						6						Free
Actuated Green, G (s)	5.6	69.8		3.1	67.3	67.3	5.1	14.2		24.7	33.8	130.0
Effective Green, g (s)	5.6	71.0		3.1	68.5	67.3	5.1	14.2		25.7	34.8	130.0
Actuated g/C Ratio	0.04	0.55		0.02	0.53	0.52	0.04	0.11		0.20	0.27	1.00
Clearance Time (s)	4.0	5.4		4.0	5.4	5.4	4.0	4.8		4.0	4.8	
Vehicle Extension (s)	2.0	4.6		2.0	4.6	4.6	2.3	2.3		2.3	2.3	
Lane Grp Cap (vph)	59	1700		36	1761	811	47	140		640	427	1417
v/s Ratio Prot	0.02	c0.24		0.01	0.31		0.02	c0.08		c0.15	0.12	
v/s Ratio Perm						c0.49						0.08
v/c Ratio	0.37	0.44		0.53	0.58	0.94	0.45	0.70		0.78	0.44	0.08
Uniform Delay, d1	60.5	17.7		62.7	21.0	29.5	61.1	55.9		49.5	39.5	0.0
Progression Factor	1.00	1.00		1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00
Incremental Delay, d2	1.4	8.0		6.3	1.4	20.2	3.9	13.2		5.8	0.4	0.1
Delay (s)	61.9	18.5		69.0	22.4	49.7	65.0	69.1		55.3	39.9	0.1
Level of Service	Е	В		Е	С	D	Е	Е		Ε	D	Α
Approach Delay (s)		19.7			37.2			68.4			43.8	
Approach LOS		В			D			Е			D	
Intersection Summary												
HCM 2000 Control Delay		36.1 0.85	H	CM 2000	Level of S	Service		D				
	M 2000 Volume to Capacity ratio											
Actuated Cycle Length (s)						t time (s)			16.0			
Intersection Capacity Utiliza	tion		87.9%	IC	U Level	of Service			Е			
Analysis Period (min)			15									
c Critical Lane Group												

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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	7	* 1>		*	^	7	*	₽		44	↑	7
Traffic Volume (veh/h)	21	665	45	18	963	1091	20	86	10	470	176	108
Future Volume (veh/h)	21	665	45	18	963	1091	20	86	10	470	176	108
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1455	1693	1500	1648	1781	1856	1159	1189	1604	1781	1618	1693
Adj Flow Rate, veh/h	22	707	48	19	1024	0	21	91	11	500	187	0
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	30	14	27	17	8	3	50	48	20	8	19	14
Cap, veh/h	252	1784	121	24	1376		19	107	13	557	421	
Arrive On Green	0.18	0.58	0.57	0.01	0.13	0.00	0.02	0.10	0.10	0.17	0.26	0.00
Sat Flow, veh/h	1386	3056	207	1570	3385	1572	1104	1040	126	3291	1618	1434
Grp Volume(v), veh/h	22	372	383	19	1024	0	21	0	102	500	187	0
Grp Sat Flow(s),veh/h/ln	1386	1608	1655	1570	1692	1572	1104	0	1166	1646	1618	1434
Q Serve(g_s), s	1.7	16.3	16.3	1.6	37.8	0.0	2.3	0.0	11.2	19.3	12.6	0.0
Cycle Q Clear(g_c), s	1.7	16.3	16.3	1.6	37.8	0.0	2.3	0.0	11.2	19.3	12.6	0.0
Prop In Lane	1.00		0.13	1.00		1.00	1.00		0.11	1.00		1.00
Lane Grp Cap(c), veh/h	252	939	966	24	1376		19	0	119	557	421	
V/C Ratio(X)	0.09	0.40	0.40	0.79	0.74		1.08	0.00	0.85	0.90	0.44	
Avail Cap(c_a), veh/h	252	939	966	133	1635		119	0	163	557	421	
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	44.2	14.6	14.7	64.5	49.8	0.0	63.9	0.0	57.4	52.9	40.2	0.0
Incr Delay (d2), s/veh	0.1	1.3	1.2	19.1	3.7	0.0	98.8	0.0	22.8	17.0	0.4	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	1.1	10.3	10.6	1.4	24.9	0.0	2.1	0.0	7.3	14.3	8.8	0.0
Unsig. Movement Delay, s/veh		45.0	45.0	00.0	50 F	0.0	400.7	0.0	00.0	00.0	40.7	0.0
LnGrp Delay(d),s/veh	44.3	15.9	15.9	83.6	53.5	0.0	162.7	0.0	80.2	69.9	40.7	0.0
LnGrp LOS	D	B	В	F	D		F	A	F	E	D	
Approach Vol, veh/h		777			1043			123			687	
Approach Delay, s/veh		16.7			54.0			94.3			62.0	
Approach LOS		В			D			F			E	
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	6.0	80.1	6.3	37.6	29.0	57.0	25.8	18.1				
Change Period (Y+Rc), s	4.0	* 5.4	4.0	4.8	* 5.4	* 5.4	4.8	* 4.8				
Max Green Setting (Gmax), s	11.0	* 62	14.0	25.2	* 11	* 62	21.0	* 18				
Max Q Clear Time (g_c+l1), s	3.6	18.3	4.3	14.6	3.7	39.8	21.3	13.2				
Green Ext Time (p_c), s	0.0	10.3	0.0	0.5	0.0	11.8	0.0	0.1				
Intersection Summary												
HCM 6th Ctrl Delay			47.0									
HCM 6th LOS			D									

Notes

User approved pedestrian interval to be less than phase max green.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Unsignalized Delay for [WBR, SBR] is excluded from calculations of the approach delay and intersection delay.

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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	7	^	7	*	* 1>		7	^	7	1	1	
Traffic Volume (vph)	57	809	48	211	1893	113	97	48	196	91	110	149
Future Volume (vph)	57	809	48	211	1893	113	97	48	196	91	110	149
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	3.1	4.4	5.4	3.1	4.4		4.0	4.5	4.5	4.0	4.5	
Lane Util. Factor	1.00	0.95	1.00	1.00	0.95		1.00	1.00	1.00	1.00	1.00	
Frpb, ped/bikes	1.00	1.00	0.98	1.00	1.00		1.00	1.00	0.99	1.00	0.99	
Flpb, ped/bikes	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	
Frt	1.00	1.00	0.85	1.00	0.99		1.00	1.00	0.85	1.00	0.91	
Flt Protected	0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (prot)	1626	3167	1346	1671	3313		1671	1727	1396	1736	1646	
Flt Permitted	0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (perm)	1626	3167	1346	1671	3313		1671	1727	1396	1736	1646	
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	60	852	51	222	1993	119	102	51	206	96	116	157
RTOR Reduction (vph)	0	0	25	0	3	0	0	0	190	0	38	0
Lane Group Flow (vph)	60	852	26	222	2109	0	102	51	16	96	235	0
Confl. Peds. (#/hr)	1		2	2		1	1		2	2		1
Confl. Bikes (#/hr)						3						1
Heavy Vehicles (%)	11%	14%	17%	8%	8%	6%	8%	10%	14%	4%	4%	5%
Turn Type	Prot	NA	Perm	Prot	NA		Prot	NA	Perm	Prot	NA	
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases			2						8			
Actuated Green, G (s)	7.1	65.7	65.7	18.9	77.5		12.0	9.8	9.8	17.7	15.5	
Effective Green, g (s)	8.0	66.7	65.7	19.8	78.5		12.0	9.8	9.8	17.7	15.5	
Actuated g/C Ratio	0.06	0.51	0.51	0.15	0.60		0.09	0.08	0.08	0.14	0.12	
Clearance Time (s)	4.0	5.4	5.4	4.0	5.4		4.0	4.5	4.5	4.0	4.5	
Vehicle Extension (s)	2.3	4.5	4.5	2.3	4.5		2.3	3.0	3.0	2.3	3.0	
Lane Grp Cap (vph)	100	1624	680	254	2000		154	130	105	236	196	
v/s Ratio Prot	0.04	0.27		c0.13	c0.64		c0.06	0.03		0.06	c0.14	
v/s Ratio Perm			0.02						0.01			
v/c Ratio	0.60	0.52	0.04	0.87	1.05		0.66	0.39	0.15	0.41	1.20	
Uniform Delay, d1	59.4	21.1	16.2	53.9	25.8		57.0	57.3	56.2	51.3	57.2	
Progression Factor	1.00	1.00	1.00	0.98	0.94		1.00	1.00	1.00	1.00	1.00	
Incremental Delay, d2	7.2	1.2	0.1	15.5	31.5		8.8	2.0	0.7	0.7	128.4	
Delay (s)	66.7	22.3	16.3	68.1	55.7		65.8	59.2	56.8	52.0	185.7	
Level of Service	Е	С	В	Е	Е		E	E	Е	D	F	
Approach Delay (s)		24.8			56.9			59.7			150.9	
Approach LOS		C			Е			E			F	
Intersection Summary												
HCM 2000 Control Delay		58.1	Н	CM 2000	Level of S	Service		E				
	A 2000 Volume to Capacity ratio 1.0											
Actuated Cycle Length (s)	uated Cycle Length (s) 130								16.0			
	ersection Capacity Utilization 94.29					time (s) of Service			F			
Analysis Period (min)			15									
c Critical Lane Group												

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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	7	^	7	7	1		*	↑	7	7	7	
Traffic Volume (veh/h)	57	809	48	211	1893	113	97	48	196	91	110	149
Future Volume (veh/h)	57	809	48	211	1893	113	97	48	196	91	110	149
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		0.98	1.00		1.00	1.00		0.98
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1737	1693	1648	1781	1781	1811	1781	1752	1693	1841	1841	1826
Adj Flow Rate, veh/h	60	852	51	222	1993	119	102	51	0	96	116	157
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	11	14	17	8	8	6	8	10	14	4	4	5
Cap, veh/h	85	1758	751	234	2052	121	124	90		247	84	113
Arrive On Green	0.10	1.00	1.00	0.28	1.00	1.00	0.07	0.05	0.00	0.14	0.12	0.12
Sat Flow, veh/h	1654	3216	1394	1697	3243	191	1697	1752	1434	1753	701	948
Grp Volume(v), veh/h	60	852	51	222	1029	1083	102	51	0	96	0	273
Grp Sat Flow(s),veh/h/ln	1654	1608	1394	1697	1692	1742	1697	1752	1434	1753	0	1649
Q Serve(g_s), s	4.6	0.0	0.0	16.7	0.0	0.0	7.7	3.7	0.0	6.5	0.0	15.5
Cycle Q Clear(g_c), s	4.6	0.0	0.0	16.7	0.0	0.0	7.7	3.7	0.0	6.5	0.0	15.5
Prop In Lane	1.00		1.00	1.00		0.11	1.00		1.00	1.00		0.58
Lane Grp Cap(c), veh/h	85	1758	751	234	1071	1102	124	90		247	0	197
V/C Ratio(X)	0.70	0.48	0.07	0.95	0.96	0.98	0.82	0.57		0.39	0.00	1.39
Avail Cap(c_a), veh/h	126	1758	751	234	1071	1102	196	209		247	0	197
HCM Platoon Ratio	2.00	2.00	2.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.39	0.39	0.39	1.00	1.00	0.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	57.3	0.0	0.0	46.7	0.0	0.0	59.4	60.3	0.0	50.7	0.0	57.3
Incr Delay (d2), s/veh	6.2	1.0	0.2	24.9	10.2	13.4	9.9	5.5	0.0	0.6	0.0	203.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	3.6	0.4	0.1	10.6	4.8	6.2	6.6	3.2	0.0	5.2	0.0	27.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	63.6	1.0	0.2	71.5	10.2	13.4	69.3	65.8	0.0	51.3	0.0	260.4
LnGrp LOS	Е	Α	Α	Е	В	В	Е	Е		D	Α	<u> </u>
Approach Vol, veh/h		963			2334			153			369	
Approach Delay, s/veh		4.8			17.5			68.2			206.0	
Approach LOS		Α			В			Е			F	
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	21.0	75.5	13.5	20.0	9.8	86.7	22.3	11.2				
Change Period (Y+Rc), s	4.0	* 5.4	4.0	4.5	4.0	* 5.4	4.0	4.5				
Max Green Setting (Gmax), s	17.0	* 65	15.0	15.5	9.0	* 73	15.0	15.5				
Max Q Clear Time (g_c+l1), s	18.7	2.0	9.7	17.5	6.6	2.0	8.5	5.7				
Green Ext Time (p_c), s	0.0	14.3	0.1	0.0	0.0	58.9	0.1	0.1				
Intersection Summary												
HCM 6th Ctrl Delay			34.5									
HCM 6th LOS			С									

Notes

User approved pedestrian interval to be less than phase max green.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	7	^	7	7	^	7		र्स	7		4	
Traffic Volume (vph)	47	1020	23	6	1963	61	40	6	17	57	1	196
Future Volume (vph)	47	1020	23	6	1963	61	40	6	17	57	1	196
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	5.4	4.8	4.0	5.4	5.4		4.0	4.0		4.8	
Lane Util. Factor	1.00	0.95	1.00	1.00	0.95	1.00		1.00	1.00		1.00	
Frpb, ped/bikes	1.00	1.00	0.98	1.00	1.00	0.98		1.00	0.98		1.00	
Flpb, ped/bikes	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00		1.00	
Frt	1.00	1.00	0.85	1.00	1.00	0.85		1.00	0.85		0.90	
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00		0.96	1.00		0.99	
Satd. Flow (prot)	1597	3195	1396	1805	3343	1533		1789	1346		1625	
Flt Permitted	0.04	1.00	1.00	0.23	1.00	1.00		0.38	1.00		0.91	
Satd. Flow (perm)	72	3195	1396	446	3343	1533		710	1346		1494	
Peak-hour factor, PHF	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	49	1062	24	6	2045	64	42	6	18	59	1	204
RTOR Reduction (vph)	0	0	21	0	0	15	0	0	15	0	93	0
Lane Group Flow (vph)	49	1063	3	6	2045	49	0	48	3	0	171	0
Confl. Peds. (#/hr)			1	1					4	4		
Confl. Bikes (#/hr)						4						
Heavy Vehicles (%)	13%	13%	13%	0%	8%	3%	2%	0%	18%	5%	0%	3%
Turn Type	pm+pt	NA	custom	pm+pt	NA	Perm	Perm	NA	Perm	Perm	NA	
Protected Phases	5	2		1	6			8			4	
Permitted Phases	2	_	4	6	_	6	8	-	8	4	-	
Actuated Green, G (s)	101.4	92.8	18.2	93.8	89.0	89.0		19.0	19.0	-	18.2	
Effective Green, g (s)	101.4	92.8	18.2	93.8	89.0	89.0		19.0	19.0		18.2	
Actuated g/C Ratio	0.78	0.71	0.14	0.72	0.68	0.68		0.15	0.15		0.14	
Clearance Time (s)	4.0	5.4	4.8	4.0	5.4	5.4		4.0	4.0		4.8	
Vehicle Extension (s)	2.3	4.5	2.5	2.3	4.5	4.5		2.5	2.5		2.5	
Lane Grp Cap (vph)	157	2280	195	371	2288	1049		103	196		209	
v/s Ratio Prot	c0.02	0.33	100	0.00	c0.61	10-13		100	100		200	
v/s Ratio Perm	0.22	0.00	0.00	0.01	00.01	0.03		0.07	0.00		c0.11	
v/c Ratio	0.22	0.47	0.02	0.02	0.89	0.05		0.47	0.01		0.82	
Uniform Delay, d1	37.4	8.0	48.2	8.8	16.7	6.7		50.9	47.5		54.3	
Progression Factor	0.69	1.17	7.99	1.00	1.00	1.00		1.00	1.00		1.00	
Incremental Delay, d2	0.6	0.6	0.0	0.0	5.9	0.1		2.4	0.0		21.0	
Delay (s)	26.3	9.9	385.2	8.8	22.6	6.8		53.3	47.5		75.3	
Level of Service	C	Α	505.2 F	Α	C	Α		D	T7.5		7 5.5 E	
Approach Delay (s)		18.5			22.0			51.7			75.3	
Approach LOS		В			C			D			75.5 E	
Intersection Summary												
HCM 2000 Control Delay	M 2000 Control Delay 25						Service		С			
•	M 2000 Volume to Capacity ratio 0.8											
Actuated Cycle Length (s)	uated Cycle Length (s) 130					t time (s)			14.2			
Intersection Capacity Utiliza	ition		84.7%			of Service			E			
Analysis Period (min)		15										
c Critical Lane Group												

	۶	→	•	•	←	•	1	†	~	-	↓	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	*	^	7	7	^	7		4	7		4	
Traffic Volume (veh/h)	47	1020	23	6	1963	61	40	6	17	57	1	196
Future Volume (veh/h)	47	1020	23	6	1963	61	40	6	17	57	1	196
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		0.98	1.00		0.99	0.99		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1707	1707	1707	1900	1781	1856	1870	1900	1633	1826	1900	1856
Adj Flow Rate, veh/h	49	1062	0	6	2045	64	42	6	18	59	1	204
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	13	13	13	0	8	3	2	0	18	5	0	3
Cap, veh/h	213	1242		827	2264	1028	126	15	171	56	6	96
Arrive On Green	0.19	0.77	0.00	0.38	0.67	0.67	0.12	0.12	0.12	0.12	0.12	0.12
Sat Flow, veh/h	1626	3244	1447	1810	3385	1536	592	118	1371	175	51	769
Grp Volume(v), veh/h	49	1062	0	6	2045	64	48	0	18	264	0	0
Grp Sat Flow(s),veh/h/ln	1626	1622	1447	1810	1692	1536	710	0	1371	995	0	0
Q Serve(g_s), s	0.0	28.9	0.0	0.0	65.7	1.9	0.0	0.0	1.5	8.2	0.0	0.0
Cycle Q Clear(g_c), s	0.0	28.9	0.0	0.0	65.7	1.9	8.0	0.0	1.5	16.2	0.0	0.0
Prop In Lane	1.00		1.00	1.00		1.00	0.87		1.00	0.22		0.77
Lane Grp Cap(c), veh/h	213	1242		827	2264	1028	140	0	171	158	0	0
V/C Ratio(X)	0.23	0.86		0.01	0.90	0.06	0.34	0.00	0.11	1.67	0.00	0.00
Avail Cap(c_a), veh/h	213	2211		827	2307	1047	148	0	179	158	0	0
HCM Platoon Ratio	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.82	0.82	0.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	47.3	12.8	0.0	14.6	18.0	7.4	53.1	0.0	50.5	59.9	0.0	0.0
Incr Delay (d2), s/veh	0.3	6.4	0.0	0.0	6.5	0.1	1.1	0.0	0.2	328.9	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	2.4	9.1	0.0	0.2	33.8	1.2	2.7	0.0	1.0	31.9	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	47.6	19.2	0.0	14.6	24.4	7.5	54.2	0.0	50.7	388.8	0.0	0.0
LnGrp LOS	D	В		В	С	Α	D	Α	D	F	Α	A
Approach Vol, veh/h		1111			2115			66			264	
Approach Delay, s/veh		20.4			23.9			53.2			388.8	
Approach LOS		С			С			D			F	
Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	53.8	55.2		21.0	16.6	92.4		21.0				
Change Period (Y+Rc), s	* 4	5.4		4.8	* 4	5.4		* 4.8				
Max Green Setting (Gmax), s	* 11	88.6		16.2	* 11	88.6		* 17				
Max Q Clear Time (g_c+l1), s	2.0	30.9		18.2	2.0	67.7		10.0				
Green Ext Time (p_c), s	0.0	18.9		0.0	0.0	19.3		0.1				
Intersection Summary												
HCM 6th Ctrl Delay			50.5									
HCM 6th LOS			D									

Notes

User approved pedestrian interval to be less than phase max green.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Unsignalized Delay for [EBR] is excluded from calculations of the approach delay and intersection delay.

Intersection								
Int Delay, s/veh	11.8							
Movement	EBL	EBT	WBT	WBR	SBL	SBR		
Lane Configurations)	^	↑ ↑	WDIX	₩.	ODIN		
Traffic Vol, veh/h	84	992	1902	91	24	145		
-uture Vol, veh/h	84	992	1902	91	24	145		
onflicting Peds, #/hr	1	0	0	1	0	0		
ign Control	Free	Free	Free	Free	Stop	Stop		
T Channelized	-			None	- Olop	None		
torage Length	220	-	_	-	0	-		
eh in Median Storage		0	0	_	1	_		
Grade, %	-, π	0	0	_	0	_		
eak Hour Factor	95	95	95	95	95	95		
eavy Vehicles, %	7	11	5	4	0	3		
lvmt Flow	88	1044	2002	96	25	153		
IVIII(I IOW	00	1044	2002	30	25	100		
lajor/Minor I	Major1		Major2		Minor2			
	2099	0		0	2749	1050		
conflicting Flow All			-		2051			
Stage 1 Stage 2	-	-	-	-	698	-		
	4.24				6.8	6.96		
itical Hdwy	4.24	-	-	-	5.8			
itical Hdwy Stg 1	-	-	-	-		-		
ritical Hdwy Stg 2	-	-	-	-	5.8	-		
ollow-up Hdwy	2.27	-	-	-	3.5	3.33		
ot Cap-1 Maneuver	241	-	-	-	~ 16	222		
Stage 1	-	-	-	-	87	-		
Stage 2	-	-	-	-	460	-		
latoon blocked, %	044	-	-	-	. 10	200		
lov Cap-1 Maneuver	241	-	-	-	~ 10	222		
lov Cap-2 Maneuver	-	-	-	-	46	-		
Stage 1	-	-	-	-	55	-		
Stage 2	-	-	-	-	460	-		
			14/5		0.5			
pproach	EB		WB		SB			
ICM Control Delay, s	2.2		0		212.2			
ICM LOS					F			
				14/5-	14/5-	001 /		
linor Lane/Major Mvm	nt	EBL	EBT	WBT		SBLn1		
apacity (veh/h)		241	-	-	-	144		
CM Lane V/C Ratio		0.367	-	-		1.235		
CM Control Delay (s)		28.3	-	-		212.2		
CM Lane LOS		D	-	-	-	F		
ICM 95th %tile Q(veh)		1.6	-	-	-	10.6		
otes								
Volume exceeds cap	pacity	\$: De	lay exc	eeds 3	00s	+: Com	outation Not Defined	*: All major volume in platoo
								-

	-	*	1	•	1	~		
Movement	EBT	EBR	WBL	WBT	NBL	NBR		
Lane Configurations	^	7	*	^	ሻሻ	7		
Traffic Volume (vph)	636	380	158	1086	907	177		
Future Volume (vph)	636	380	158	1086	907	177		
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900		
Total Lost time (s)	6.0	5.4	4.0	6.0	5.4	4.0		
Lane Util. Factor	0.95	1.00	1.00	0.95	0.97	1.00		
Frt	1.00	0.85	1.00	1.00	1.00	0.85		
Flt Protected	1.00	1.00	0.95	1.00	0.95	1.00		
Satd. Flow (prot)	3223	1404	1752	3343	3273	1495		
Flt Permitted	1.00	1.00	0.95	1.00	0.95	1.00		
Satd. Flow (perm)	3223	1404	1752	3343	3273	1495		
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95		
Adj. Flow (vph)	669	400	166	1143	955	186		
RTOR Reduction (vph)	0	127	0	0	0	0		
Lane Group Flow (vph)	669	273	166	1143	955	186		
Heavy Vehicles (%)	12%	15%	3%	8%	7%	8%		
Turn Type	NA	pm+ov	Prot	NA	Prot	Free		
Protected Phases	2	8	1	6	8			
Permitted Phases		2				Free		
Actuated Green, G (s)	28.7	61.7	13.2	45.9	33.0	90.3		
Effective Green, g (s)	28.7	61.7	13.2	45.9	33.0	90.3		
Actuated g/C Ratio	0.32	0.68	0.15	0.51	0.37	1.00		
Clearance Time (s)	6.0	5.4	4.0	6.0	5.4			
Vehicle Extension (s)	4.8	2.5	3.5	4.8	2.5			
Lane Grp Cap (vph)	1024	1043	256	1699	1196	1495		
v/s Ratio Prot	0.21	0.10	0.09	c0.34	c0.29			
v/s Ratio Perm		0.10				0.12		
v/c Ratio	0.65	0.26	0.65	0.67	0.80	0.12		
Uniform Delay, d1	26.5	5.5	36.4	16.6	25.7	0.0		
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00		
Incremental Delay, d2	1.9	0.1	5.8	1.3	3.7	0.2		
Delay (s)	28.5	5.6	42.2	17.9	29.4	0.2		
Level of Service	С	Α	D	В	С	Α		
Approach Delay (s)	19.9			21.0	24.6			
Approach LOS	В			С	С			
Intersection Summary								
HCM 2000 Control Delay		21.8	H	CM 2000	Level of Service	е		
HCM 2000 Volume to Capac		0.76						
Actuated Cycle Length (s)		90.3		um of lost				
Intersection Capacity Utilizat	tion		65.4%	IC	CU Level o	of Service		
Analysis Period (min)			15					
c Critical Lane Group								

	→	*	1	•	4	-	
Movement	EBT	EBR	WBL	WBT	NBL	NBR	
Lane Configurations	^	7	*	^	ሻሻ	7	
Traffic Volume (veh/h)	636	380	158	1086	907	177	
Future Volume (veh/h)	636	380	158	1086	907	177	
Initial Q (Qb), veh	0	0	0	0	0	0	
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	
Work Zone On Approach	No			No	No		
Adj Sat Flow, veh/h/ln	1722	1678	1856	1781	1796	1781	
Adj Flow Rate, veh/h	669	400	166	1143	955	0	
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	
Percent Heavy Veh, %	12	15	3	8	7	8	
Cap, veh/h	1126	958	218	1819	1093		
Arrive On Green	0.34	0.34	0.12	0.54	0.33	0.00	
Sat Flow, veh/h	3358	1422	1767	3474	3319	1510	
Grp Volume(v), veh/h	669	400	166	1143	955	0	
Grp Sat Flow(s), veh/h/ln	1636	1422	1767	1692	1659	1510	
Q Serve(g_s), s	14.4	10.9	7.8	20.2	23.2	0.0	
Cycle Q Clear(g_c), s	14.4	10.9	7.8	20.2	23.2	0.0	
Prop In Lane		1.00	1.00	,_	1.00	1.00	
Lane Grp Cap(c), veh/h	1126	958	218	1819	1093		
V/C Ratio(X)	0.59	0.42	0.76	0.63	0.87		
Avail Cap(c_a), veh/h	1758	1232	227	3399	1961		
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00	
Uniform Delay (d), s/veh	23.1	6.4	36.3	13.8	27.0	0.0	
Incr Delay (d2), s/veh	1.0	0.6	14.1	0.7	1.8	0.0	
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	
%ile BackOfQ(95%),veh/ln	9.3	11.6	7.5	11.6	14.0	0.0	
Unsig. Movement Delay, s/veh		. 1.0	1.0	. 1.0	. 1.0	3.0	
LnGrp Delay(d),s/veh	24.1	6.9	50.4	14.5	28.8	0.0	
LnGrp LOS	C	A	D	В	C	3.0	
Approach Vol, veh/h	1069	,,		1309	955		
Approach Delay, s/veh	17.7			19.1	28.8		
Approach LOS	В.			B	20.0 C		
	1	0				C	
Timer - Assigned Phs	10.0	2				6	
Phs Duration (G+Y+Rc), s	16.6	35.5				52.0	
Change Period (Y+Rc), s	6.0	* 6				6.0	
Max Green Setting (Gmax), s	11.0	* 46				86.0	
Max Q Clear Time (g_c+I1), s	9.8	16.4				22.2	
Green Ext Time (p_c), s	0.1	13.0				23.8	
Intersection Summary							
HCM 6th Ctrl Delay			21.4				
HCM 6th LOS			С				
N							

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

^{*} HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Lane Configurations		٠	→	*	•	←	•	1	†	~	/	Ţ	4
Traffic Volume (vph)	Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Future Volume (vph)	Lane Configurations		1		7	↑	7	7	T ₂		Y	↑	7
Ideal Flow (vphpl) 1900	\ 1 /												
Total Lost time (s)	· · ·												
Lane URI. Factor	(, , ,			1900						1900			
Frpb. pedrbikes													
Fipb, ped/bikes													
Fit													
Fit Protected 0.95 1.00 0.95 1.00 0.95 1.00 0.95 1.00 0.95 1.00 0.95 1.00 1.00 Satd. Flow (prot) 1656 3154 1626 1759 1429 1788 1776 1700 1827 1520 1.00 Satd. Flow (prom) 176 3154 716 1709 1429 1788 1776 1700 1827 1520 1.00 Satd. Flow (perm) 176 3154 716 1759 1429 1394 1776 1256 1827 1520 1.00 Satd. Flow (perm) 176 3154 716 1759 1429 1394 1776 1256 1827 1520 1.00 Satd. Flow (perm) 176 3154 716 1759 1429 1394 1776 1256 1827 1520 1.00 Satd. Flow (perm) 176 3154 716 1759 1429 1394 1776 1256 1827 1520 1.00 Satd. Flow (ph) 280 599 18 10 893 79 86 66 19 77 26 331 1.00 0.00 0.00 0.90 0.90 0.90 0.90 0.9													
Satid. Flow (prot) 1656 3154 1626 1759 1429 1788 1776 1700 1827 1520 FIF Permitted 0.10 1.00 0.42 1.00 1.00 0.74 1.00 0.70 1.00 0.90 0													
Fit Permitted													
Satd. Flow (perm) 176 3154 716 1759 1429 1394 1776 1256 1827 1520 Peak-hour factor, PHF 0.90 0.90 0.90 0.90 0.90 0.90 0.90 0.90 0.90 0.90 Adj. Flow (yph) 280 599 18 10 893 79 86 66 19 77 26 331 TOOR Reduction (yph) 280 616 0 10 893 44 86 75 0 77 26 274 Confl. Peds. (#/hr) 5 1 1 5 Lane Group Flow (vph) 280 616 0 10 893 44 86 75 0 77 26 274 Confl. Peds. (#/hr) 5 1 1 5 Lanea Group Flow (yph) 280 616 0 10 893 44 86 75 0 77 26 274 Confl. Peds. (#/hr) 5 1 1 5 Lanea Group Flow (yph) 280 616 0 10 893 44 86 75 0 77 26 274 Confl. Peds. (#/hr) 5 1 1 5 Lanea Group Flow (yph) 280 616 0 10 893 44 86 75 0 77 26 274 Confl. Peds. (#/hr) 5 1 1 5 Lanea Group Flow (yph) 280 616 0 10 893 44 86 75 0 77 26 274 Confl. Peds. (#/hr) 5 1 1 5 Lanea Group Flow (yph) 399 14% 12% 11% 8% 13% 0% 2% 6% 6% 4% 5% Turn Type													
Peak-hour factor, PHF 0.90													
Adj. Flow (vph)	<u> </u>			0.00						0.00			
RTOR Reduction (vph) 0 1 0 0 0 35 0 10 0 0 57 Lane Group Flow (vph) 280 616 0 10 893 44 86 75 0 77 26 274 Confl. Peds. (#hr) 5 1 1 5 1 1 5 Heavy Vehicles (%) 9% 14% 12% 11% 8% 13% 0% 2% 6% 6% 4% 5% Turn Type pm+pt NA pm+pt NA permitted Phases 2 6 6 8 4 4 5 Permitted Phases 2 6 6.6.6.6.6.6.6.6.6.6.8 4 4 4 4 5 Permitted Phases 2 6 6.6.6.6.6.6.6.6.6.6.8 4 4 4 5 Permitted Phases 2 1 6.6.6.6.6.6.6.6.6.6.6.1.9.1.0.0.1.0.0.0.3 0.03 0.02 0.02 0.05 0.05													
Lane Group Flow (vph) 280 616 0 10 893 44 86 75 0 77 26 274 Confl. Peds. (#/hr) 5 1 1 5 5 1 1 1 5 5 1 1 1 5 5 1 1 1 5 5 1 1 1 5 5 1 1 1 5 5 1 1 1 5 5 1 1 1 5 5 1 1 1 5 5 1 1 1 5 5 1 1 1 5 5 1 1 1 1 5 5 1 1 1 1 5 5 1 1 1 1 5 5 1 1 1 1 5 5 1 1 1 1 5 5 1 1 1 1 5 5 1 1 1 1 5 5 1 1 1 1 5 5 1 1 1 1 5 5 1 1 1 1 5 5 1 1 1 1 1 5 5 1 1 1 1 1 5 5 1 1 1 1 1 5 1 1 1 1 5 1 1 1 1 1 5 1													
Confi. Peds. (#/hr)													
Heavy Vehicles (%)		280	010	U	10	893	44		/5			26	
Turn Type pm+pt NA pm+pt NA pm+pt NA Perm Perm NA Perm NA Perm NA pm+ov Protected Phases 5 2 1 6 8 4 4 5 5 Permitted Phases 2 6 6 6 8 4 4 4 5 5 Permitted Phases 2 6 6 6 8 8 4 4 4 4 Actuated Green, G (s) 89.1 83.6 65.6 64.6 64.6 14.9 14.9 13.7 13.7 33.7 Effective Green, g (s) 89.1 83.6 65.6 64.6 64.6 14.9 14.9 13.7 13.7 33.7 Actuated g/C Ratio 0.77 0.72 0.57 0.56 0.56 0.13 0.13 0.12 0.12 0.29 Clearance Time (s) 4.5 6.5 4.5 6.5 6.5 5.0 5.0 6.2 6.2 4.5 Vehicle Extension (s) 2.3 5.4 2.3 5.4 5.4 2.5 2.5 2.5 2.5 2.5 2.5 2.3 Lane Grp Cap (vph) 392 2282 414 983 799 179 229 148 216 443 v/s Ratio Prot c0.12 0.20 0.00 c0.51 0.04 0.01 c0.11 v/s Ratio Perm 0.43 0.01 0.03 0.06 0.06 0.07 v/c Ratio 0.71 0.27 0.22 0.91 0.06 0.48 0.33 0.52 0.12 0.62 Uniform Delay, d1 28.0 5.5 10.8 22.8 11.6 46.7 45.8 47.8 45.5 35.4 Progression Factor 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	, ,	00/	1.40/	100/	110/	00/	120/		20/			40/	
Protected Phases 5				1270						076			
Permitted Phases 2							Perm	Perm			Perm		
Actuated Green, G (s) 89.1 83.6 65.6 64.6 64.6 14.9 14.9 13.7 13.7 33.7 Effective Green, g (s) 89.1 83.6 65.6 64.6 64.6 14.9 14.9 14.9 13.7 13.7 33.7 Actuated g/C Ratio 0.77 0.72 0.57 0.56 0.56 0.13 0.13 0.12 0.12 0.29 Clearance Time (s) 4.5 6.5 4.5 6.5 6.5 5.0 5.0 6.2 6.2 4.5 Vehicle Extension (s) 2.3 5.4 2.3 5.4 5.4 5.4 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5			2			U	6	Q	0		1	4	
Effective Green, g (s) 89.1 83.6 65.6 64.6 64.6 14.9 14.9 13.7 13.7 33.7 Actuated g/C Ratio 0.77 0.72 0.57 0.56 0.56 0.13 0.13 0.12 0.12 0.29 Clearance Time (s) 4.5 6.5 4.5 6.5 6.5 5.0 5.0 6.2 6.2 4.5 Vehicle Extension (s) 2.3 5.4 2.3 5.4 5.4 2.5 2.2 2.3 1.4			83.6			64.6			1/1 0			13.7	
Actuated g/C Ratio 0.77 0.72 0.57 0.56 0.56 0.13 0.13 0.12 0.12 0.29 Clearance Time (s) 4.5 6.5 4.5 6.5 6.5 5.0 5.0 6.2 6.2 4.5 Vehicle Extension (s) 2.3 5.4 2.3 5.4 2.5 2.5 2.5 2.5 2.5 2.3 Lane Grp Cap (vph) 392 2282 414 983 799 179 229 148 216 443 v/s Ratio Prot c0.12 0.20 0.00 c0.51 0.04 0.01 c0.11 v/s Ratio Perm 0.43 0.01 0.03 0.06 0.06 0.07 v/c Ratio 0.71 0.27 0.02 0.91 0.06 0.48 0.33 0.52 0.12 0.62 Uniform Delay, d1 28.0 5.5 10.8 22.8 11.6 46.7 45.8 47.8 45.5 35.4 Progression Factor 1.00 1.00 1.00 1.00 1.00 1.00 1.00 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>													
Clearance Time (s) 4.5 6.5 4.5 6.5 6.5 6.5 5.0 5.0 6.2 6.2 4.5 Vehicle Extension (s) 2.3 5.4 2.3 5.4 5.4 2.5 2.5 2.5 2.5 2.5 2.3 Lane Grp Cap (vph) 392 2282 414 983 799 179 229 148 216 443 v/s Ratio Prot c0.12 0.20 0.00 c0.51 0.04 0.01 c0.11 v/s Ratio Perm 0.43 0.01 0.03 0.06 0.06 0.07 v/c Ratio 0.71 0.27 0.02 0.91 0.06 0.48 0.33 0.52 0.12 0.62 Uniform Delay, d1 28.0 5.5 10.8 22.8 11.6 46.7 45.8 47.8 45.5 35.4 Progression Factor 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00													
Vehicle Extension (s) 2.3 5.4 2.3 5.4 2.5													
Lane Grp Cap (vph) 392 2282 414 983 799 179 229 148 216 443 v/s Ratio Prot c0.12 0.20 0.00 c0.51 0.04 0.01 c0.11 v/s Ratio Perm 0.43 0.01 0.03 0.06 0.06 0.07 v/c Ratio 0.71 0.27 0.02 0.91 0.06 0.48 0.33 0.52 0.12 0.62 Uniform Delay, d1 28.0 5.5 10.8 22.8 11.6 46.7 45.8 47.8 45.5 35.4 Progression Factor 1.00 2.5 0.2 2.1 1.	` '												
v/s Ratio Prot c0.12 0.20 0.00 c0.51 0.04 0.01 c0.11 v/s Ratio Perm 0.43 0.01 0.03 0.06 0.06 0.07 v/c Ratio 0.71 0.27 0.02 0.91 0.06 0.48 0.33 0.52 0.12 0.62 Uniform Delay, d1 28.0 5.5 10.8 22.8 11.6 46.7 45.8 47.8 45.5 35.4 Progression Factor 1.00<													
v/s Ratio Perm 0.43 0.01 0.03 0.06 0.06 0.07 v/c Ratio 0.71 0.27 0.02 0.91 0.06 0.48 0.33 0.52 0.12 0.62 Uniform Delay, d1 28.0 5.5 10.8 22.8 11.6 46.7 45.8 47.8 45.5 35.4 Progression Factor 1.00 <							100	173			170		
v/c Ratio 0.71 0.27 0.02 0.91 0.06 0.48 0.33 0.52 0.12 0.62 Uniform Delay, d1 28.0 5.5 10.8 22.8 11.6 46.7 45.8 47.8 45.5 35.4 Progression Factor 1.00			0.20			00.01	0.03	0.06	0.04		0.06	0.01	
Uniform Delay, d1 28.0 5.5 10.8 22.8 11.6 46.7 45.8 47.8 45.5 35.4 Progression Factor 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0			0.27			0.91			0.33			0.12	
Progression Factor 1.00 <td></td>													
Incremental Delay, d2	•												
Delay (s) 33.4 5.6 10.9 35.5 11.6 48.2 46.4 50.3 45.7 37.4 Level of Service C A B D B D													
Level of Service C A B D B D	•												
Approach Delay (s) 14.3 33.3 47.3 40.2 Approach LOS B C D D Intersection Summary HCM 2000 Control Delay 28.6 HCM 2000 Level of Service C HCM 2000 Volume to Capacity ratio 0.83 Actuated Cycle Length (s) 115.5 Sum of lost time (s) 17.2 Intersection Capacity Utilization 83.3% ICU Level of Service E													
Approach LOS B C D D Intersection Summary HCM 2000 Control Delay 28.6 HCM 2000 Level of Service C HCM 2000 Volume to Capacity ratio 0.83 Actuated Cycle Length (s) 115.5 Sum of lost time (s) 17.2 Intersection Capacity Utilization 83.3% ICU Level of Service E						33.3			47.3			40.2	
HCM 2000 Control Delay28.6HCM 2000 Level of ServiceCHCM 2000 Volume to Capacity ratio0.83Actuated Cycle Length (s)115.5Sum of lost time (s)17.2Intersection Capacity Utilization83.3%ICU Level of ServiceE						С						D	
HCM 2000 Control Delay28.6HCM 2000 Level of ServiceCHCM 2000 Volume to Capacity ratio0.83Actuated Cycle Length (s)115.5Sum of lost time (s)17.2Intersection Capacity Utilization83.3%ICU Level of ServiceE	Intersection Summary												
HCM 2000 Volume to Capacity ratio Actuated Cycle Length (s) 115.5 Sum of lost time (s) 17.2 Intersection Capacity Utilization 83.3% ICU Level of Service E				28.6	Н	CM 2000	Level of S	Service		С			
Actuated Cycle Length (s) 115.5 Sum of lost time (s) 17.2 Intersection Capacity Utilization 83.3% ICU Level of Service E	•	acity ratio											
Intersection Capacity Utilization 83.3% ICU Level of Service E		•			Sı	um of lost	t time (s)			17.2			
		ation								Е			
Analysis Period (min) 15	Analysis Period (min)			15									

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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	7	† 1>		*	^	7	*	ĵ»		*	^	7
Traffic Volume (veh/h)	252	539	16	9	804	71	77	59	17	69	23	298
Future Volume (veh/h)	252	539	16	9	804	71	77	59	17	69	23	298
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	0.99		0.99	0.99	4.00	0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	4707	No	4700	4707	No	4707	4000	No	1011	1011	No	4000
Adj Sat Flow, veh/h/ln	1767	1693	1722	1737	1781	1707	1900	1870	1811	1811	1841	1826
Adj Flow Rate, veh/h	280	599	18	10	893	0	86	66	19	77	26	331
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Percent Heavy Veh, %	9	14	12 61	11	8 894	13	0	2	6 84	6 274	4	5
Cap, veh/h Arrive On Green	305	2034 0.64	0.64	451		0.00	265	292			386 0.21	546 0.21
Sat Flow, veh/h	0.15 1682	3187	96	0.01 1654	0.50 1781	1447	0.21 1033	0.21 1392	0.21 401	0.21 1259	1841	1529
Grp Volume(v), veh/h	280	302	315	10	893	0	86	0	85	77	26	331
Grp Sat Flow(s),veh/h/ln	1682	1608	1675	1654	1781	1447	1033	0	1793	1259	1841	1529
Q Serve(g_s), s	15.4	10.1 10.1	10.1 10.1	0.4 0.4	60.4 60.4	0.0	8.8 10.1	0.0	4.7 4.7	6.5 11.3	1.4 1.4	21.5
Cycle Q Clear(g_c), s Prop In Lane	15.4 1.00	10.1	0.06	1.00	00.4	1.00	1.00	0.0	0.22	1.00	1.4	21.5 1.00
Lane Grp Cap(c), veh/h	305	1026	1069	451	894	1.00	265	0	376	274	386	546
V/C Ratio(X)	0.92	0.29	0.29	0.02	1.00		0.32	0.00	0.23	0.28	0.07	0.61
Avail Cap(c_a), veh/h	346	1026	1069	648	894		348	0.00	520	374	531	667
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	40.2	9.7	9.7	14.5	30.0	0.0	42.2	0.0	39.5	44.2	38.2	32.0
Incr Delay (d2), s/veh	25.7	0.4	0.4	0.0	29.9	0.0	0.5	0.0	0.2	0.4	0.1	0.8
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	15.2	6.4	6.7	0.2	41.4	0.0	4.1	0.0	3.8	3.7	1.1	12.7
Unsig. Movement Delay, s/veh				•								
LnGrp Delay(d),s/veh	65.9	10.1	10.1	14.5	59.9	0.0	42.8	0.0	39.7	44.6	38.2	32.8
LnGrp LOS	Е	В	В	В	Е		D	Α	D	D	D	С
Approach Vol, veh/h		897			903			171			434	
Approach Delay, s/veh		27.6			59.4			41.3			35.2	
Approach LOS		С			Е			D			D	
Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	5.6	83.4		31.5	22.1	67.0		31.5				
Change Period (Y+Rc), s	4.5	6.5		6.2	4.5	6.5		* 6.2				
Max Green Setting (Gmax), s	15.5	60.5		34.8	20.5	60.5		* 35				
Max Q Clear Time (g_c+I1), s	2.4	12.1		23.5	17.4	62.4		12.1				
Green Ext Time (p_c), s	0.0	10.2		1.0	0.2	0.0		0.6				
Intersection Summary												
HCM 6th Ctrl Delay			41.9									
HCM 6th LOS			D									

User approved pedestrian interval to be less than phase max green.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Unsignalized Delay for [WBR] is excluded from calculations of the approach delay and intersection delay.

Intersection												
Int Delay, s/veh	3.9											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	*	f.			4			4			र्स	7
Traffic Vol, veh/h	66	239	3	1	226	33	0	1	0	52	4	114
Future Vol, veh/h	66	239	3	1	226	33	0	1	0	52	4	114
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0		0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	75	-	-	-	-	-	-	-	-	-	-	150
Veh in Median Storage	e, # -	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	61	12	0	100	14	12	0	0	0	12	0	32
Mvmt Flow	72	260	3	1	246	36	0	1	0	57	4	124
Major/Minor	Major1		ľ	Major2		1	Minor1			Minor2		
Conflicting Flow All	282	0	0	263	0	0	736	690	262	672	673	264
Stage 1		-	-		-	_	406	406			266	
Stage 2	_	-	_	_	-	_	330	284	-		407	-
Critical Hdwy	4.71	-	-	5.1	-	-	7.1	6.5	6.2		6.5	6.52
Critical Hdwy Stg 1	-	-	-	-	-	-	6.1	5.5	-		5.5	-
Critical Hdwy Stg 2	_	_	-	-	_	-	6.1	5.5	-		5.5	-
Follow-up Hdwy	2.749	-	-	3.1	_	_	3.5	4	3.3		4	3.588
Pot Cap-1 Maneuver	1007	_	-	894	-	-	337	371	782	356	379	707
Stage 1	_	-	-	_	_	_	626	601	_		692	_
Stage 2	-	_	-	-	-	-	687	680	-		601	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1007	-	-	894	-	-	260	344	782	335	352	707
Mov Cap-2 Maneuver	-	-	-	-	-	-	260	344	-		352	-
Stage 1	-	_	-	-	-	-	582	558	-		691	-
Stage 2	-	-	-	-	-	-	562	679	-		558	-
Ü												
Approach	EB			WB			NB			SB		
HCM Control Delay, s	1.9			0			15.5			13.5		
HCM LOS				-			С			В		
										_		
Minor Lane/Major Mvm	nt N	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR :	SBLn1	SBLn2		
Capacity (veh/h)		344	1007		-	894	-	-	336			
HCM Lane V/C Ratio		0.003		_		0.001	_			0.175		
HCM Control Delay (s)		15.5	8.8	_	_	9	0	_	18.1	11.2		
HCM Lane LOS		C	Α	_	_	A	A	_	C			
HCM 95th %tile Q(veh)		0	0.2	-	-	0	- '.	_	0.7	0.6		
7000 ((1011)			V						0.7	0.0		

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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		^	7	7	^					1		7
Traffic Volume (vph)	0	1621	597	31	1322	0	0	0	0	96	0	324
Future Volume (vph)	0	1621	597	31	1322	0	0	0	0	96	0	324
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		4.0	4.0	2.5	4.0					3.5		3.5
Lane Util. Factor		0.95	1.00	1.00	0.95					1.00		1.00
Frt		1.00	0.85	1.00	1.00					1.00		0.85
Flt Protected		1.00	1.00	0.95	1.00					0.95		1.00
Satd. Flow (prot)		3438	1538	1597	3471					1736		1583
FIt Permitted		1.00	1.00	0.95	1.00					0.95		1.00
Satd. Flow (perm)		3438	1538	1597	3471					1736		1583
Peak-hour factor, PHF	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Adj. Flow (vph)	0	1671	615	32	1363	0	0	0	0	99	0	334
RTOR Reduction (vph)	0	0	215	0	0	0	0	0	0	0	0	55
Lane Group Flow (vph)	0	1671	400	32	1363	0	0	0	0	99	0	279
Heavy Vehicles (%)	0%	5%	5%	13%	4%	0%	0%	0%	0%	4%	0%	2%
Turn Type		NA	Perm	Prot	NA					Prot		Perm
Protected Phases		2		1	6					4		
Permitted Phases			2									4
Actuated Green, G (s)		82.5	82.5	5.3	91.8					26.7		26.7
Effective Green, g (s)		84.5	84.5	6.8	93.8					28.7		28.7
Actuated g/C Ratio		0.65	0.65	0.05	0.72					0.22		0.22
Clearance Time (s)		6.0	6.0	4.0	6.0					5.5		5.5
Vehicle Extension (s)		0.5	0.5	2.3	0.5					2.3		2.3
Lane Grp Cap (vph)		2234	999	83	2504					383		349
v/s Ratio Prot		c0.49		0.02	c0.39					0.06		
v/s Ratio Perm			0.26									c0.18
v/c Ratio		0.75	0.40	0.39	0.54					0.26		0.80
Uniform Delay, d1		15.5	10.8	59.6	8.3					41.9		47.9
Progression Factor		1.00	1.00	1.21	0.64					1.00		1.00
Incremental Delay, d2		2.3	1.2	1.4	0.7					0.2		11.9
Delay (s)		17.8	12.0	73.4	6.0					42.1		59.9
Level of Service		В	В	Е	Α					D		Е
Approach Delay (s)		16.3			7.5			0.0			55.8	
Approach LOS		В			Α			Α			Е	
Intersection Summary												
HCM 2000 Control Delay			17.5	Н	CM 2000	Level of S	Service		В			
HCM 2000 Volume to Capacity	ratio		0.75									
Actuated Cycle Length (s)			130.0		um of lost				10.0			
Intersection Capacity Utilization			63.3%	IC	CU Level of	of Service			В			
Analysis Period (min)			15									
c Critical Lane Group												

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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		^	7	7	^					7		7
Traffic Volume (veh/h)	0	1621	597	31	1322	0	0	0	0	96	0	324
Future Volume (veh/h)	0	1621	597	31	1322	0	0	0	0	96	0	324
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1826	1826	1707	1841	0				1841	0	1870
Adj Flow Rate, veh/h	0	1671	0	32	1363	0				99	0	334
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97				0.97	0.97	0.97
Percent Heavy Veh, %	0	5	5	13	4	0				4	0	2
Cap, veh/h	0	2253		57	2462	0				418	0	378
Arrive On Green	0.00	0.65	0.00	0.07	1.00	0.00				0.24	0.00	0.24
Sat Flow, veh/h	0	3561	1547	1626	3589	0				1753	0	1585
Grp Volume(v), veh/h	0	1671	0	32	1363	0				99	0	334
Grp Sat Flow(s), veh/h/ln	0	1735	1547	1626	1749	0				1753	0	1585
Q Serve(g_s), s	0.0	42.4	0.0	2.5	0.0	0.0				5.9	0.0	26.4
Cycle Q Clear(g_c), s	0.0	42.4	0.0	2.5	0.0	0.0				5.9	0.0	26.4
Prop In Lane	0.00	12.1	1.00	1.00	0.0	0.00				1.00	0.0	1.00
Lane Grp Cap(c), veh/h	0.00	2253	1.00	57	2462	0.00				418	0	378
V/C Ratio(X)	0.00	0.74		0.56	0.55	0.00				0.24	0.00	0.88
Avail Cap(c_a), veh/h	0.00	2253		219	2462	0.00				492	0.00	445
HCM Platoon Ratio	1.00	1.00	1.00	2.00	2.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	0.00	0.69	0.69	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	15.4	0.0	59.4	0.0	0.0				40.0	0.0	47.8
Incr Delay (d2), s/veh	0.0	2.3	0.0	3.6	0.6	0.0				0.2	0.0	15.8
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	0.0	23.1	0.0	1.9	0.4	0.0				4.7	0.0	17.8
Unsig. Movement Delay, s/veh		20.1	0.0	1.5	0.4	0.0				7.1	0.0	17.0
LnGrp Delay(d),s/veh	0.0	17.7	0.0	63.0	0.6	0.0				40.1	0.0	63.5
LnGrp LOS	Α	В	0.0	03.0 E	Α	Α				70.1 D	Α	00.5 E
Approach Vol, veh/h		1671		<u> </u>	1395					<u> </u>	433	
		17.7			2.1						58.2	
Approach LOS												
Approach LOS		В			Α						Е	
Timer - Assigned Phs	1	2		4		6						
Phs Duration (G+Y+Rc), s	7.1	88.4		34.5		95.5						
Change Period (Y+Rc), s	4.0	6.0		5.5		6.0						
Max Green Setting (Gmax), s	16.0	64.0		34.5		84.0						
Max Q Clear Time (g_c+I1), s	4.5	44.4		28.4		2.0						
Green Ext Time (p_c), s	0.0	4.1		0.6		3.2						
Intersection Summary												
HCM 6th Ctrl Delay			16.5									
HCM 6th LOS			В									
Notes												

Unsignalized Delay for [EBR] is excluded from calculations of the approach delay and intersection delay.

	۶	→	*	•	+	•	1	†	~	/		4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	*	^			* 1>		14.54	ĵ.		*		77
Traffic Volume (vph)	449	1268	0	0	472	193	479	8	253	20	0	402
Future Volume (vph)	449	1268	0	0	472	193	479	8	253	20	0	402
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	3.0	4.0			4.0		4.5	4.5		4.5		4.5
Lane Util. Factor	1.00	0.95			0.95		0.97	1.00		1.00		0.88
Frt	1.00	1.00			0.96		1.00	0.85		1.00		0.85
Flt Protected	0.95	1.00			1.00		0.95	1.00		0.95		1.00
Satd. Flow (prot)	1770	3406			3339		3335	1390		1641		2707
FIt Permitted	0.95	1.00			1.00		0.95	1.00		0.95		1.00
Satd. Flow (perm)	1770	3406			3339		3335	1390		1641		2707
Peak-hour factor, PHF	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Adj. Flow (vph)	483	1363	0	0	508	208	515	9	272	22	0	432
RTOR Reduction (vph)	0	0	0	0	35	0	0	166	0	0	0	90
Lane Group Flow (vph)	483	1363	0	0	681	0	515	115	0	22	0	342
Heavy Vehicles (%)	2%	6%	0%	0%	4%	2%	5%	12%	17%	10%	0%	5%
Turn Type	Prot	NA			NA		Prot	NA		Prot		pt+ov
Protected Phases	5	2			6		3	8		7		4 5
Permitted Phases												
Actuated Green, G (s)	45.0	81.9			32.9		26.2	21.9		9.2		53.9
Effective Green, g (s)	46.0	83.9			34.9		27.2	22.9		10.2		51.9
Actuated g/C Ratio	0.35	0.65			0.27		0.21	0.18		0.08		0.40
Clearance Time (s)	4.0	6.0			6.0		5.5	5.5		5.5		
Vehicle Extension (s)	2.3	4.6			4.6		2.3	2.3		2.3		1000
Lane Grp Cap (vph)	626	2198			896		697	244		128		1080
v/s Ratio Prot	c0.27	0.40			c0.20		c0.15	c0.08		0.01		0.13
v/s Ratio Perm	0.77	0.00			0.70		0.74	0.47		0.47		0.00
v/c Ratio	0.77	0.62			0.76		0.74	0.47		0.17		0.32
Uniform Delay, d1	37.3	13.6			43.7		48.1	48.1		56.0		26.9
Progression Factor	0.85	0.52			0.90		1.00	1.00		1.00		1.00
Incremental Delay, d2	6.7	1.0			4.2		3.7	0.8		0.4		0.1
Delay (s)	38.5	8.1			43.6		51.8	48.9		56.3		27.0
Level of Service	D	A			D		D	D		Е	00.4	С
Approach Delay (s) Approach LOS		16.0			43.6 D			50.8 D			28.4 C	
• •		В			U			U			- C	
Intersection Summary			20.0		0110000							
HCM 2000 Control Delay	., .,		29.9	H	CM 2000	Level of S	Service		С			
HCM 2000 Volume to Capa	city ratio		0.75						40.0			
Actuated Cycle Length (s)	£'		130.0		um of lost				16.0			
Intersection Capacity Utiliza	tion		74.8%	IC	U Level (of Service			D			
Analysis Period (min)			15									
c Critical Lane Group												

	۶	→	*	•	←	•	1	†	~	1		1
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	7	*			* 1>		44	1		×		77
Traffic Volume (veh/h)	449	1268	0	0	472	193	479	8	253	20	0	402
Future Volume (veh/h)	449	1268	0	0	472	193	479	8	253	20	0	402
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1811	0	0	1841	1870	1826	1722	1648	1752	0	1826
Adj Flow Rate, veh/h	483	1363	0	0	508	208	515	9	272	22	0	432
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	2	6	0	0	4	2	5	12	17	10	0	5
Cap, veh/h	505	2549	0	0	1015	413	654	6	191	41	0	0
Arrive On Green	0.57	1.00	0.00	0.00	0.14	0.13	0.19	0.13	0.13	0.02	0.00	0.01
Sat Flow, veh/h	1781	3532	0	0	2516	988	3374	47	1420	1668	22	
Grp Volume(v), veh/h	483	1363	0	0	366	350	515	0	281	22	69.2	
Grp Sat Flow(s),veh/h/ln	1781	1721	0	0	1749	1663	1687	0	1467	1668	Е	
Q Serve(g_s), s	33.3	0.0	0.0	0.0	25.2	25.4	18.9	0.0	17.5	1.7		
Cycle Q Clear(g_c), s	33.3	0.0	0.0	0.0	25.2	25.4	18.9	0.0	17.5	1.7		
Prop In Lane	1.00		0.00	0.00		0.59	1.00		0.97	1.00		
Lane Grp Cap(c), veh/h	505	2549	0	0	732	696	654	0	197	41		
V/C Ratio(X)	0.96	0.53	0.00	0.00	0.50	0.50	0.79	0.00	1.42	0.54		
Avail Cap(c_a), veh/h	575	2549	0	0	732	696	740	0	197	212		
HCM Platoon Ratio	2.00	2.00	1.00	1.00	0.33	0.33	1.00	1.00	1.00	1.00		
Upstream Filter(I)	0.64	0.64	0.00	0.00	0.99	0.99	1.00	0.00	1.00	1.00		
Uniform Delay (d), s/veh	27.3	0.0	0.0	0.0	43.4	43.7	49.9	0.0	56.7	62.7		
Incr Delay (d2), s/veh	18.4	0.5	0.0	0.0	0.9	1.0	4.6	0.0	217.3	6.5		
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
%ile BackOfQ(95%),veh/ln	17.7	0.3	0.0	0.0	17.7	17.1	13.1	0.0	29.1	1.4		
Unsig. Movement Delay, s/ve	h											
LnGrp Delay(d),s/veh	45.7	0.5	0.0	0.0	44.4	44.7	54.5	0.0	274.1	69.2		
LnGrp LOS	D	Α	Α	Α	D	D	D	Α	F	Е		
Approach Vol, veh/h		1846			716			796				
Approach Delay, s/veh		12.3			44.5			132.0				
Approach LOS		В			D			F				
Timer - Assigned Phs		2	3		5	6	7	8				

41.9

6.0

41.0

35.3

0.6

58.4

* 6

* 36

27.4

4.2

7.7

5.5

15.5

3.7

0.0

22.0

5.5

16.5

19.5

0.0

Ir	nter	sect	tion	Sun	nma	ıry

Green Ext Time (p_c), s

Phs Duration (G+Y+Rc), s

Change Period (Y+Rc), s

Max Green Setting (Gmax), s

Max Q Clear Time (g_c+I1), s

HCM 6th Ctrl Delay 47.7 HCM 6th LOS D

Notes

User approved pedestrian interval to be less than phase max green.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

100.3

6.0

81.0

2.0

32.3

29.7

5.5

27.5

20.9

0.8

	-	*	1	•	1	~		
Movement	EBT	EBR	WBL	WBT	NBL	NBR		
Lane Configurations	^	7	*	^				
Traffic Volume (vph)	930	611	258	665	0	0		
Future Volume (vph)	930	611	258	665	0	0		
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900		
Total Lost time (s)	4.0	4.0	1.0	4.0	1000	1000		
Lane Util. Factor	0.95	1.00	1.00	0.95				
Frpb, ped/bikes	1.00	0.98	1.00	1.00				
Flpb, ped/bikes	1.00	1.00	1.00	1.00				
Frt	1.00	0.85	1.00	1.00				
Flt Protected	1.00	1.00	0.95	1.00				
Satd. Flow (prot)	3374	1521	1703	3574				
Flt Permitted	1.00	1.00	0.95	1.00				
Satd. Flow (perm)	3374	1521	1703	3574				
					0.02	0.03		
Peak-hour factor, PHF	0.93	0.93	0.93	0.93	0.93	0.93		
Adj. Flow (vph)	1000	657	277	715	0	0		
RTOR Reduction (vph)	0	150	0	0	0	0		
Lane Group Flow (vph)	1000	507	277	715	0	0		
Confl. Bikes (#/hr)		1		40/	•••			
Heavy Vehicles (%)	7%	4%	6%	1%	0%	0%		
Turn Type	NA	Perm	Prot	NA				
Protected Phases	2		1	6				
Permitted Phases		2						
Actuated Green, G (s)	92.7	92.7	26.3	130.0				
Effective Green, g (s)	95.7	95.7	29.3	130.0				
Actuated g/C Ratio	0.74	0.74	0.23	1.00				
Clearance Time (s)	7.0	7.0	4.0	7.0				
Vehicle Extension (s)	4.7	4.7	2.3	4.7				
Lane Grp Cap (vph)	2483	1119	383	3574				
v/s Ratio Prot	0.30		c0.16	0.20				
v/s Ratio Perm		c0.33						
v/c Ratio	0.40	0.45	0.72	0.20				
Uniform Delay, d1	6.4	6.8	46.6	0.0				
Progression Factor	1.00	1.41	1.15	1.00				
Incremental Delay, d2	0.4	1.1	4.7	0.1				
Delay (s)	6.8	10.6	58.4	0.1				
Level of Service	A	В	E	A				
Approach Delay (s)	8.3			16.4	0.0			
Approach LOS	A			В	A			
Intersection Summary								
HCM 2000 Control Delay			11.3	Н	CM 2000	Level of Service	В	
HCM 2000 Volume to Capa	city ratio		0.54	110	JIVI 2000	LOVE OF OUR VICE	ا ا	
Actuated Cycle Length (s)	ionly ratio		130.0	Çı.	um of lost	time (s)	12.0	
Intersection Capacity Utiliza	ation		58.8%		U Level c	` '	12.0 B	
Analysis Period (min)	atiOH		15	iU	O LEVEL C	OCI VICE	ט	
Critical Lang Croup			10					

HCM 6th Edition methodology does not support exclusive ped or hold phases.

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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	7	1		Y	^	7	7	ĵ.		14.54	^	7
Traffic Volume (vph)	51	772	61	19	757	727	29	145	19	682	200	48
Future Volume (vph)	51	772	61	19	757	727	29	145	19	682	200	48
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.4		4.0	4.4	5.4	3.8	3.8		3.8	3.8	4.0
Lane Util. Factor	1.00	0.95		1.00	0.95	1.00	1.00	1.00		0.97	1.00	1.00
Frpb, ped/bikes	1.00	1.00		1.00	1.00	0.98	1.00	1.00		1.00	1.00	0.99
Flpb, ped/bikes	1.00	1.00		1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00
Frt	1.00	0.99		1.00	1.00	0.85	1.00	0.98		1.00	1.00	0.85
Flt Protected	0.95	1.00		0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00
Satd. Flow (prot)	1703	3374		1719	3343	1548	1687	1774		3367	1681	1561
FIt Permitted	0.95	1.00		0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00
Satd. Flow (perm)	1703	3374		1719	3343	1548	1687	1774		3367	1681	1561
Peak-hour factor, PHF	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Adj. Flow (vph)	53	796	63	20	780	749	30	149	20	703	206	49
RTOR Reduction (vph)	0	4	0	0	0	428	0	3	0	0	0	0
Lane Group Flow (vph)	53	855	0	20	780	321	30	166	0	703	206	49
Confl. Peds. (#/hr)	1		400/		•••	1	8		2	2	400/	8
Heavy Vehicles (%)	6%	5%	16%	5%	8%	2%	7%	5%	5%	4%	13%	2%
Turn Type	Prot	NA		Prot	NA	Perm	Prot	NA		Prot	NA	Free
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases						6						Free
Actuated Green, G (s)	8.2	59.4		4.2	55.4	55.4	16.0	16.9		31.3	32.2	130.0
Effective Green, g (s)	8.2	60.4		4.2	56.4	55.4	16.2	17.9		31.5	33.2	130.0
Actuated g/C Ratio	0.06	0.46		0.03	0.43	0.43	0.12	0.14		0.24	0.26	1.00
Clearance Time (s)	4.0	5.4		4.0	5.4	5.4	4.0	4.8		4.0	4.8	
Vehicle Extension (s)	2.0	4.6		2.0	4.6	4.6	2.3	2.3		2.3	2.3	
Lane Grp Cap (vph)	107	1567		55	1450	659	210	244		815	429	1561
v/s Ratio Prot	0.03	c0.25		0.01	c0.23		0.02	c0.09		c0.21	0.12	
v/s Ratio Perm						0.21						c0.03
v/c Ratio	0.50	0.55		0.36	0.54	0.49	0.14	0.68		0.86	0.48	0.03
Uniform Delay, d1	58.9	25.0		61.6	27.2	27.0	50.7	53.3		47.2	41.1	0.0
Progression Factor	1.00	1.00		1.00	1.00	1.00	1.00	1.00		1.20	1.14	1.00
Incremental Delay, d2	1.3	1.4		1.5	1.4	2.6	0.2	6.3		8.6	0.5	0.0
Delay (s)	60.2	26.3		63.1	28.6	29.6	50.9	59.6		65.2	47.4	0.0
Level of Service	Е	С		Е	С	С	D	E		Е	D	А
Approach Delay (s)		28.3			29.5			58.3			58.0	
Approach LOS		С			С			Е			Е	
Intersection Summary					0110000							
HCM 2000 Control Delay	., .,		38.3	H	CM 2000	Level of S	Service		D			
HCM 2000 Volume to Capa	city ratio		0.66		• •				40.0			
Actuated Cycle Length (s)			130.0		um of lost	` '			16.0			
Intersection Capacity Utiliza	tion		69.9%	IC	U Level	of Service			С			
Analysis Period (min)			15									

	٠	→	•	•	•	•	4	1	~	/	↓	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	*	* 1>		7	^	7	*	1		44	↑	7
Traffic Volume (veh/h)	51	772	61	19	757	727	29	145	19	682	200	48
Future Volume (veh/h)	51	772	61	19	757	727	29	145	19	682	200	48
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		0.98	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1811	1826	1663	1826	1781	1870	1796	1826	1826	1841	1707	1870
Adj Flow Rate, veh/h	53	796	63	20	780	0	30	149	20	703	206	0
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	6	5	16	5	8	2	7	5	5	4	13	2
Cap, veh/h	379	1690	134	28	1029		296	186	25	762	279	
Arrive On Green	0.22	0.52	0.51	0.01	0.20	0.00	0.17	0.12	0.11	0.22	0.16	0.00
Sat Flow, veh/h	1725	3256	258	1739	3385	1585	1711	1571	211	3401	1707	1585
Grp Volume(v), veh/h	53	424	435	20	780	0	30	0	169	703	206	0
Grp Sat Flow(s),veh/h/ln	1725	1735	1779	1739	1692	1585	1711	0	1782	1700	1707	1585
Q Serve(g_s), s	3.2	20.2	20.3	1.5	28.2	0.0	1.9	0.0	12.0	26.3	14.9	0.0
Cycle Q Clear(g_c), s	3.2	20.2	20.3	1.5	28.2	0.0	1.9	0.0	12.0	26.3	14.9	0.0
Prop In Lane	1.00		0.14	1.00		1.00	1.00		0.12	1.00		1.00
Lane Grp Cap(c), veh/h	379	900	923	28	1029		296	0	211	762	279	
V/C Ratio(X)	0.14	0.47	0.47	0.73	0.76		0.10	0.00	0.80	0.92	0.74	
Avail Cap(c_a), veh/h	379	900	923	147	1317		296	0	222	816	383	
HCM Platoon Ratio	1.00	1.00	1.00	0.67	0.67	0.67	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	40.8	19.9	20.0	64.0	47.3	0.0	45.3	0.0	55.9	49.3	51.8	0.0
Incr Delay (d2), s/veh	0.1	1.8	1.7	12.7	5.2	0.0	0.1	0.0	17.0	15.0	3.5	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	2.5	13.4	13.7	1.4	19.1	0.0	1.5	0.0	10.6	18.6	10.9	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	40.9	21.7	21.7	76.7	52.5	0.0	45.3	0.0	72.9	64.3	55.3	0.0
LnGrp LOS	D	С	С	E	D		D	Α	E	E	E	
Approach Vol, veh/h		912			800			199			909	
Approach Delay, s/veh		22.8			53.1			68.7			62.3	
Approach LOS		С			D			Е			Е	
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	6.1	71.9	27.1	25.0	34.0	43.9	32.9	19.2				
Change Period (Y+Rc), s	4.0	* 5.4	4.8	* 4.8	* 5.4	* 5.4	4.0	4.8				
Max Green Setting (Gmax), s	11.0	* 55	18.0	* 28	* 16	* 50	31.0	15.2				
Max Q Clear Time (g_c+I1), s	3.5	22.3	3.9	16.9	5.2	30.2	28.3	14.0				
Green Ext Time (p_c), s	0.0	11.1	0.0	0.6	0.0	8.3	0.6	0.1				
Intersection Summary												
HCM 6th Ctrl Delay			47.4									
HCM 6th LOS			D									

User approved pedestrian interval to be less than phase max green.

Unsignalized Delay for [WBR, SBR] is excluded from calculations of the approach delay and intersection delay.

^{*} HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

	۶	→	*	•	+	•	1	†	/	/	↓	✓
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	7	^	7	1	↑ ↑		Y	^	7	7	1	
Traffic Volume (vph)	110	1367	23	172	1155	125	64	124	626	241	101	142
Future Volume (vph)	110	1367	23	172	1155	125	64	124	626	241	101	142
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.4	5.4	4.0	4.4		4.0	3.6	3.6	4.0	3.6	
Lane Util. Factor	1.00	0.95	1.00	1.00	0.95		1.00	1.00	1.00	1.00	1.00	
Frpb, ped/bikes	1.00	1.00	0.97	1.00	1.00		1.00	1.00	0.98	1.00	0.99	
Flpb, ped/bikes	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	
Frt	1.00	1.00	0.85	1.00	0.99		1.00	1.00	0.85	1.00	0.91	
Flt Protected	0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (prot)	1787	3406	1507	1752	3326		1671	1881	1510	1752	1659	
Flt Permitted	0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (perm)	1787	3406	1507	1752	3326		1671	1881	1510	1752	1659	
Peak-hour factor, PHF	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Adj. Flow (vph)	113	1409	24	177	1191	129	66	128	645	248	104	146
RTOR Reduction (vph)	0	0	14	0	6	0	0	0	189	0	36	0
Lane Group Flow (vph)	113	1409	10	177	1314	0	66	128	456	248	214	0
Confl. Peds. (#/hr)	4		4	4		4	3		3	3		3
Confl. Bikes (#/hr)						2			2			
Heavy Vehicles (%)	1%	6%	4%	3%	7%	3%	8%	1%	5%	3%	3%	4%
Turn Type	Prot	NA	Perm	Prot	NA		Prot	NA	Perm	Prot	NA	
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases			2						8			
Actuated Green, G (s)	16.4	54.5	54.5	15.3	53.4		8.7	25.5	25.5	16.8	33.6	
Effective Green, g (s)	16.4	55.5	54.5	15.3	54.4		8.7	26.4	26.4	16.8	34.5	
Actuated g/C Ratio	0.13	0.43	0.42	0.12	0.42		0.07	0.20	0.20	0.13	0.27	
Clearance Time (s)	4.0	5.4	5.4	4.0	5.4		4.0	4.5	4.5	4.0	4.5	
Vehicle Extension (s)	2.3	4.5	4.5	2.3	4.5		2.3	3.0	3.0	2.3	3.0	
Lane Grp Cap (vph)	225	1454	631	206	1391		111	381	306	226	440	
v/s Ratio Prot	0.06	c0.41		0.10	c0.40		0.04	0.07		c0.14	0.13	
v/s Ratio Perm			0.01						c0.30			
v/c Ratio	0.50	0.97	0.02	0.86	0.94		0.59	0.34	1.49	1.10	0.49	
Uniform Delay, d1	53.0	36.4	22.1	56.3	36.3		58.9	44.3	51.8	56.6	40.3	
Progression Factor	1.00	1.00	1.00	1.04	1.53		1.00	1.00	1.00	1.00	1.00	
Incremental Delay, d2	1.0	17.3	0.0	23.6	12.1		6.4	0.5	237.4	88.3	0.8	
Delay (s)	54.0	53.7	22.1	82.2	67.7		65.4	44.8	289.2	144.9	41.1	
Level of Service	D	D	С	F	Е		Е	D	F	F	D	
Approach Delay (s)		53.2			69.4			234.3			92.8	
Approach LOS		D			Е			F			F	
Intersection Summary												
HCM 2000 Control Delay			97.9	Н	CM 2000	Level of S	Service		F			
HCM 2000 Volume to Capac	city ratio		1.12									
Actuated Cycle Length (s)	,		130.0	S	um of lost	time (s)			16.0			
Intersection Capacity Utiliza	tion		100.6%			of Service			G			
Analysis Period (min)			15									
c Critical Lane Group												

Movement EBL EBT EBR WBL WBT WBR NBL NBT NBR SBL SBT Lane Configurations 1	142 142 0 0.99 1.00 1841 146 0.97 4
Traffic Volume (veh/h) 110 1367 23 172 1155 125 64 124 626 241 101 Future Volume (veh/h) 110 1367 23 172 1155 125 64 124 626 241 101 Initial Q (Qb), veh 0	142 0 0.99 1.00 1841 146 0.97 4
Future Volume (veh/h) 110 1367 23 172 1155 125 64 124 626 241 101 Initial Q (Qb), veh 0	142 0 0.99 1.00 1841 146 0.97 4
Initial Q (Qb), veh 0 1.00	0 0.99 1.00 1841 146 0.97 4
Ped-Bike Adj(A_pbT) 1.00 </td <td>0.99 1.00 1841 146 0.97 4</td>	0.99 1.00 1841 146 0.97 4
Parking Bus, Adj 1.00	1.00 1841 146 0.97 4
Work Zone On Approach No 10 No No 10 No No 10 No 10 No No 10 No No 10 No No No 10 No No </td <td>1841 146 0.97 4</td>	1841 146 0.97 4
Adj Sat Flow, veh/h/ln 1885 1811 1841 1856 1796 1856 1781 1885 1826 1856 1856 Adj Flow Rate, veh/h 113 1409 24 177 1191 129 66 128 0 248 104 Peak Hour Factor 0.97	146 0.97 4
Adj Flow Rate, veh/h 113 1409 24 177 1191 129 66 128 0 248 104 Peak Hour Factor 0.97 0	146 0.97 4
Peak Hour Factor 0.97	0.97 4
Percent Heavy Veh, % 1 6 4 3 7 3 8 1 5 3 3 Cap, veh/h 383 1831 815 202 1309 141 84 194 217 126 Arrive On Green 0.43 1.00 1.00 0.08 0.28 0.28 0.05 0.10 0.00 0.12 0.18	4
Cap, veh/h 383 1831 815 202 1309 141 84 194 217 126 Arrive On Green 0.43 1.00 1.00 0.08 0.28 0.28 0.05 0.10 0.00 0.12 0.18	
Arrive On Green 0.43 1.00 1.00 0.08 0.28 0.28 0.05 0.10 0.00 0.12 0.18	177
	0.17
Sat Flow, veh/h 1795 3441 1554 1767 3097 335 1697 1885 1547 1767 696	977
Grp Volume(v), veh/h 113 1409 24 177 655 665 66 128 0 248 0	250
Grp Sat Flow(s),veh/h/ln 1795 1721 1554 1767 1706 1725 1697 1885 1547 1767 0	1674
Q Serve(g_s), s 5.4 0.0 0.0 12.9 48.1 48.5 5.0 8.5 0.0 16.0 0.0	18.7
Cycle Q Clear(g_c), s 5.4 0.0 0.0 12.9 48.1 48.5 5.0 8.5 0.0 16.0 0.0	18.7
Prop In Lane 1.00 1.00 1.00 0.19 1.00 1.00 1.00	0.58
Lane Grp Cap(c), veh/h 383 1831 815 202 721 729 84 194 217 0	303
V/C Ratio(X) 0.29 0.77 0.03 0.87 0.91 0.91 0.79 0.66 1.14 0.00	0.83
Avail Cap(c_a), veh/h 383 1831 815 217 730 738 209 383 217 0	340
HCM Platoon Ratio 2.00 2.00 2.00 0.67 0.67 0.67 1.00 1.00 1.00 1.00	1.00
Upstream Filter(I) 1.00 1.00 1.00 0.65 0.65 1.00 1.00 0.00 1.00 0.00	1.00
Uniform Delay (d), s/veh 30.8 0.0 0.0 59.1 44.2 44.3 61.1 56.1 0.0 57.0 0.0	51.5
Incr Delay (d2), s/veh 0.3 3.2 0.1 20.0 12.3 12.7 9.7 3.8 0.0 104.0 0.0	14.0
Initial Q Delay(d3),s/veh 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0.0
%ile BackOfQ(95%),veh/ln 4.0 1.5 0.0 10.6 30.0 30.5 4.3 7.6 0.0 20.5 0.0	14.0
Unsig. Movement Delay, s/veh	
LnGrp Delay(d),s/veh 31.1 3.2 0.1 79.1 56.5 57.0 70.8 59.8 0.0 161.0 0.0	65.5
LnGrp LOS C A A E E E E F A	E
Approach Vol, veh/h 1546 1497 194 498	
Approach Delay, s/veh 5.2 59.4 63.6 113.1	
Approach LOS A E E F	
Timer - Assigned Phs 1 2 3 4 5 6 7 8	
Phs Duration (G+Y+Rc), s 18.9 73.6 10.4 27.1 33.1 59.3 20.5 17.0	
Change Period (Y+Rc), s 4.0 * 5.4 4.0 4.5 * 5.4 * 5.4 4.5 * 4.5	
Max Green Setting (Gmax), s 16.0 * 55 16.0 25.5 * 16 * 55 16.0 * 26	
Max Q Clear Time (g_c+l1), s 14.9 2.0 7.0 20.7 7.4 50.5 18.0 10.5	
Green Ext Time (p_c), s 0.0 28.2 0.0 0.6 0.1 3.5 0.0 0.5	
Intersection Summary	
HCM 6th Ctrl Delay 44.3	
HCM 6th LOS D	

User approved pedestrian interval to be less than phase max green.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

	۶	→	•	•	—	•	4	†	~	/		✓
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	7	^	7	*	^	7		र्स	7		4	
Traffic Volume (vph)	137	2054	51	10	1302	49	31	3	15	134	11	122
Future Volume (vph)	137	2054	51	10	1302	49	31	3	15	134	11	122
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.2	5.4	4.0	4.2	5.4		3.0	3.0		3.8	
Lane Util. Factor	1.00	0.95	1.00	1.00	0.95	1.00		1.00	1.00		1.00	
Frpb, ped/bikes	1.00	1.00	0.98	1.00	1.00	0.98		1.00	0.99		1.00	
Flpb, ped/bikes	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00		1.00	
Frt	1.00	1.00	0.85	1.00	1.00	0.85		1.00	0.85		0.94	
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00		0.96	1.00		0.98	
Satd. Flow (prot)	1787	3406	1551	1805	3374	1549		1768	1327		1690	
Flt Permitted	0.11	1.00	1.00	0.06	1.00	1.00		0.68	1.00		0.82	
Satd. Flow (perm)	209	3406	1551	109	3374	1549		1263	1327		1426	
Peak-hour factor, PHF	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Adj. Flow (vph)	141	2118	53	10	1342	51	32	3	15	138	11	126
RTOR Reduction (vph)	0	0	17	0	0	23	0	0	11	0	21	0
Lane Group Flow (vph)	141	2118	36	10	1342	28	0	35	4	0	254	0
Confl. Peds. (#/hr)									2	2		
Confl. Bikes (#/hr)			1			2						
Heavy Vehicles (%)	1%	6%	2%	0%	7%	2%	3%	0%	20%	3%	9%	2%
Turn Type	pm+pt	NA	Perm	pm+pt	NA	Perm	Perm	NA	Perm	Perm	NA	
Protected Phases	5	2		1	6			8			4	
Permitted Phases	2	_	2	6		6	8	-	8	4	-	
Actuated Green, G (s)	91.9	85.4	85.4	70.7	69.6	69.6		30.1	30.1	-	29.3	
Effective Green, g (s)	91.9	86.6	85.4	70.7	70.8	69.6		31.1	31.1		30.3	
Actuated g/C Ratio	0.71	0.67	0.66	0.54	0.54	0.54		0.24	0.24		0.23	
Clearance Time (s)	4.0	5.4	5.4	4.0	5.4	5.4		4.0	4.0		4.8	
Vehicle Extension (s)	2.3	4.5	4.5	2.3	4.5	4.5		2.5	2.5		2.5	
Lane Grp Cap (vph)	352	2268	1018	73	1837	829		302	317		332	
v/s Ratio Prot	c0.05	c0.62	1010	0.00	0.40	020		002	017		002	
v/s Ratio Perm	0.23	00.02	0.02	0.07	0.40	0.02		0.03	0.00		c0.18	
v/c Ratio	0.40	0.93	0.04	0.14	0.73	0.02		0.12	0.01		0.77	
Uniform Delay, d1	31.5	19.2	7.8	60.3	22.4	14.3		38.7	37.7		46.5	
Progression Factor	0.77	0.90	1.72	0.69	0.89	0.77		1.00	1.00		1.00	
Incremental Delay, d2	0.0	1.0	0.0	0.5	2.5	0.1		0.1	0.0		9.7	
Delay (s)	24.4	18.3	13.5	42.3	22.3	11.0		38.8	37.7		56.2	
Level of Service	Z-77 C	В	В	72.3 D	C	В		D	D		50.2 E	
Approach Delay (s)	J	18.6		J	22.0	<u> </u>		38.5			56.2	
Approach LOS		В			C			D			50.2 E	
Intersection Summary												
HCM 2000 Control Delay			22.6	Н	CM 2000	Level of S	Service		С			
HCM 2000 Volume to Capa	city ratio		0.89									
Actuated Cycle Length (s)	,		130.0	Sı	um of lost	t time (s)			12.0			
Intersection Capacity Utiliza	ation		92.4%			of Service			F			
Analysis Period (min)			15		3 20101				•			
c Critical Lane Group												

Lane Configurations 🦎	EBT ↑↑	EBR	WBL								
				WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (veh/h) 137 2		7	7	^	7		र्स	7		4	
	2054	51	10	1302	49	31	3	15	134	11	122
	2054	51	10	1302	49	31	3	15	134	11	122
Initial Q (Qb), veh 0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT) 1.00		1.00	1.00		0.98	1.00		1.00	1.00		1.00
, , ,	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No			No			No	
•	1811	1870	1900	1796	1870	1856	1900	1604	1856	1767	1870
	2118	0	10	1342	51	32	3	15	138	11	126
	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, % 1	6	2	0	7	2	3	0	20	3	9	2
1.7	2012		458	1792	800	184	15	189	118	6	70
	1.00	0.00	0.18	0.53	0.52	0.13	0.14	0.14	0.13	0.14	0.13
Sat Flow, veh/h 1795 3	3441	1585	1810	3413	1551	934	108	1353	549	44	501
Grp Volume(v), veh/h 141 2	2118	0	10	1342	51	35	0	15	275	0	0
Grp Sat Flow(s), veh/h/ln 1795 1	1721	1585	1810	1706	1551	1042	0	1353	1094	0	0
Q Serve(g_s), s 0.0	0.0	0.0	0.0	40.0	2.1	0.0	0.0	1.3	13.4	0.0	0.0
Cycle Q Clear(g_c), s 0.0	0.0	0.0	0.0	40.0	2.1	3.8	0.0	1.3	17.2	0.0	0.0
Prop In Lane 1.00		1.00	1.00		1.00	0.91		1.00	0.50		0.46
Lane Grp Cap(c), veh/h 566 2	2012		458	1792	800	191	0	189	186	0	0
V/C Ratio(X) 0.25	1.05		0.02	0.75	0.06	0.18	0.00	0.08	1.48	0.00	0.00
Avail Cap(c_a), veh/h 566 2	2377		458	2358	1057	199	0	198	186	0	0
HCM Platoon Ratio 2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I) 0.09	0.09	0.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	0.00
Uniform Delay (d), s/veh 18.7	0.0	0.0	13.9	24.2	15.8	50.0	0.0	48.6	59.3	0.0	0.0
Incr Delay (d2), s/veh 0.0	25.2	0.0	0.0	2.9	0.2	0.3	0.0	0.1	240.8	0.0	0.0
Initial Q Delay(d3),s/veh 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln 3.0	8.7	0.0	0.3	23.2	1.4	1.9	0.0	0.8	29.8	0.0	0.0
Unsig. Movement Delay, s/veh											
LnGrp Delay(d),s/veh 18.7	25.2	0.0	13.9	27.1	15.9	50.4	0.0	48.7	300.1	0.0	0.0
LnGrp LOS B	F		В	С	В	D	Α	D	F	Α	Α
Approach Vol, veh/h	2259			1403			50			275	
Approach Delay, s/veh	24.8			26.6			49.9			300.1	
Approach LOS	С			С			D			F	
Timer - Assigned Phs 1	2		4	5	6		8				
	77.5		22.0	35.5	72.5		22.0				
Change Period (Y+Rc), s * 4	5.4		4.8	* 4	5.4		* 4.8				
	88.6		17.2	* 10	88.6		* 18				
Max Q Clear Time (g_c+l1), s 2.0	2.0		19.2	2.0	42.0		5.8				
	67.5		0.0	0.1	25.1		0.1				
Intersection Summary											
HCM 6th Ctrl Delay		44.7									
HCM 6th LOS		D									

User approved pedestrian interval to be less than phase max green.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Unsignalized Delay for [EBR] is excluded from calculations of the approach delay and intersection delay.

Intersection								
Int Delay, s/veh	4.2							
Movement	EBL	EBT	WBT	WBR	SBL	SBR		
Lane Configurations	7	^	† 1>	VVDIX	W	ODIN		
Traffic Vol, veh/h	161	2013	1220	81	40	128		
Future Vol, veh/h	161	2013	1220	81	40	128		
Conflicting Peds, #/hr		0	0	0	0	0		
Sign Control	Free	Free	Free	Free	Stop	Stop		
RT Channelized	-		-	None	-	None		
Storage Length	220	-	_	-	0	-		
eh in Median Storag		0	0	-	1	_		
Grade, %		0	0	_	0	_		
Peak Hour Factor	96	96	96	96	96	96		
leavy Vehicles, %	2	5	4	4	0	5		
Nymt Flow	168	2097	1271	84	42	133		
WIVIIICT IOW	100	2031	1271	04	72	100		
//ajor/Minor	Major1	N	Major2	ı	Minor2			
Conflicting Flow All	1355	0	-		2698	678		
Stage 1	1333	-		-	1313	-		
Stage 2	_	_	_	_	1385	_		
Critical Hdwy	4.14	_	_		6.8	7		
ritical Hdwy Stg 1	4.14	_	_	_	5.8	-		
ritical Hdwy Stg 2					5.8	_		
ollow-up Hdwy	2.22	_	_	_	3.5	3.35		
ot Cap-1 Maneuver	504		_		~ 18	388		
Stage 1	-	_	_	_	220	300		
Stage 2			_		201	_		
latoon blocked, %	_			_	201			
lov Cap-1 Maneuver	504		_	_	~ 12	388		
llov Cap-1 Maneuver llov Cap-2 Maneuver		-	_	_	83	300		
Stage 1	-	-	-		147	-		
Stage 2				_	201	_		
Olaye Z	-	-	_	-	201	_		
pproach	EB		WB		SB			
ICM Control Delay, s			0		76.1			
CM LOS	1.2				70.1			
					ı			
Minor Lane/Major Mvr	mt	EBL	EBT	WBT	WBR	SBLn1		
Capacity (veh/h)		504				207		
CM Lane V/C Ratio		0.333	_	-	_	0.845		
CM Control Delay (s	;)	15.7	_	_	_	76.1		
CM Lane LOS	,	C	-	-	_	F		
ICM 95th %tile Q(veh	า)	1.4	-	-	-	6.3		
Notes	,							
	nnooity	¢. Da	lov ovo	oods 30)/\c	L. Com	outation Not Defined	*: All major volume in platean
: Volume exceeds ca	apacity	Φ: D6	ay exc	eeds 30	008	+. Com	outation Not Defined	*: All major volume in platoon

	-	*	1	•	1	-		
Movement	EBT	EBR	WBL	WBT	NBL	NBR		
Lane Configurations	^	7	ሻ	^	ሻሻ	7		
Traffic Volume (vph)	1003	1050	194	755	546	122		
Future Volume (vph)	1003	1050	194	755	546	122		
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900		
Total Lost time (s)	5.0	4.4	2.6	4.6	4.4	3.0		
Lane Util. Factor	0.95	1.00	1.00	0.95	0.97	1.00		
Frpb, ped/bikes	1.00	0.99	1.00	1.00	1.00	1.00		
Flpb, ped/bikes	1.00	1.00	1.00	1.00	1.00	1.00		
Frt	1.00	0.85	1.00	1.00	1.00	0.85		
Flt Protected	1.00	1.00	0.95	1.00	0.95	1.00		
Satd. Flow (prot)	3406	1507	1719	3374	3335	1538		
Flt Permitted	1.00	1.00	0.95	1.00	0.95	1.00		
Satd. Flow (perm)	3406	1507	1719	3374	3335	1538		
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95		
Adj. Flow (vph)	1056	1105	204	795	575	128		
RTOR Reduction (vph)	0	81	0	0	0	0		
Lane Group Flow (vph)	1056	1024	204	795	575	128		
Confl. Bikes (#/hr)	1000	3	207	7 3 3	010	120		
Heavy Vehicles (%)	6%	6%	5%	7%	5%	5%		
Turn Type	NA	pm+ov	Prot	NA	Prot	Free		
Protected Phases	2	8	1	6	8	1100		
Permitted Phases		2	1			Free		
Actuated Green, G (s)	48.2	93.9	20.7	72.9	45.7	130.0		
Effective Green, g (s)	49.2	95.9	22.1	74.3	46.7	130.0		
Actuated g/C Ratio	0.38	0.74	0.17	0.57	0.36	1.00		
Clearance Time (s)	6.0	5.4	4.0	6.0	5.4			
Vehicle Extension (s)	4.8	2.5	3.5	4.8	2.5			
Lane Grp Cap (vph)	1289	1162	292	1928	1198	1538		
v/s Ratio Prot	0.31	c0.32	c0.12	0.24	0.17	1000		
v/s Ratio Perm	0.01	0.36	00.12	V.E.1	Ų. 11	0.08		
v/c Ratio	0.82	0.88	0.70	0.41	0.48	0.08		
Uniform Delay, d1	36.4	12.8	50.8	15.6	32.2	0.0		
Progression Factor	0.77	0.47	1.00	1.00	1.00	1.00		
Incremental Delay, d2	2.9	4.1	7.4	0.7	0.2	0.1		
Delay (s)	30.8	10.2	58.2	16.3	32.5	0.1		
Level of Service	C	В	E	В	C	A		
Approach Delay (s)	20.3			24.8	26.6			
Approach LOS	С			С	С			
Intersection Summary								
HCM 2000 Control Delay			22.6	Н	CM 2000	Level of Service)	С
HCM 2000 Volume to Cap	acity ratio		0.88					
Actuated Cycle Length (s)			130.0	Sı	um of lost	t time (s)		12.0
Intersection Capacity Utiliz	zation		82.8%	IC	U Level	of Service		Е
Analysis Period (min)			15					
o Critical Lana Croup								

	→	*	1	←	1	-	
Movement	EBT	EBR	WBL	WBT	NBL	NBR	
Lane Configurations	^	7	*	^	77	7	
Traffic Volume (veh/h)	1003	1050	194	755	546	122	
Future Volume (veh/h)	1003	1050	194	755	546	122	
Initial Q (Qb), veh	0	0	0	0	0	0	
Ped-Bike Adj(A_pbT)		0.98	1.00	•	1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	
Work Zone On Approach	No			No	No		
Adj Sat Flow, veh/h/ln	1811	1811	1826	1796	1826	1826	
Adj Flow Rate, veh/h	1056	1105	204	795	575	0	
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	
Percent Heavy Veh, %	6	6	5	7	5	5	
Cap, veh/h	1323	883	536	2497	672		
Arrive On Green	0.38	0.38	0.31	0.73	0.20	0.00	
Sat Flow, veh/h	3532	1500	1739	3503	3374	1547	
Grp Volume(v), veh/h	1056	1105	204	795	575	0	
Grp Sat Flow(s),veh/h/ln	1721	1500	1739	1706	1687	1547	
Q Serve(g_s), s	35.4	50.0	11.9	10.6	21.4	0.0	
Cycle Q Clear(g_c), s	35.4	50.0	11.9	10.6	21.4	0.0	
Prop In Lane		1.00	1.00		1.00	1.00	
_ane Grp Cap(c), veh/h	1323	883	536	2497	672		
V/C Ratio(X)	0.80	1.25	0.38	0.32	0.86		
Avail Cap(c_a), veh/h	1323	883	536	2497	1054		
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	
Jpstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00	
Jniform Delay (d), s/veh	35.5	21.7	35.2	6.1	50.2	0.0	
Incr Delay (d2), s/veh	5.1	122.8	0.5	0.3	3.6	0.0	
nitial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	
%ile BackOfQ(95%),veh/ln	22.1	83.7	8.9	6.6	14.4	0.0	
Jnsig. Movement Delay, s/veh							
_nGrp Delay(d),s/veh	40.6	144.4	35.8	6.4	53.8	0.0	
nGrp LOS	D	F	D	A	D		
Approach Vol, veh/h	2161			999	575		
Approach Delay, s/veh	93.7			12.4	53.8		
Approach LOS	F			В	D		
Fimer - Assigned Phs	1	2				6	8
Phs Duration (G+Y+Rc), s	44.7	55.0				99.7	30.3
Change Period (Y+Rc), s	6.0	* 6				6.0	5.4
Max Green Setting (Gmax), s	26.0	* 49				79.0	39.6
Max Q Clear Time (g_c+l1), s	13.9	52.0				12.6	23.4
Green Ext Time (p_c), s	0.6	0.0				13.7	1.5
· ,	0.0	0.0				10.7	1.0
ntersection Summary			05.0				
HCM 6th Ctrl Delay			65.8				
HCM 6th LOS			E				

^{*} HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

	٠	→	•	•	—	•	4	†	~	/	Ţ	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	*	^ 1>		*	↑	7	7	f)		*	^	7
Traffic Volume (vph)	239	795	52	17	672	34	31	31	23	156	59	317
Future Volume (vph)	239	795	52	17	672	34	31	31	23	156	59	317
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	3.5	4.3		3.5	4.3	5.5	4.0	3.0		5.2	4.2	3.5
Lane Util. Factor	1.00	0.95		1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00
Frpb, ped/bikes	1.00	1.00		1.00	1.00	1.00	1.00	0.99		1.00	1.00	0.98
Flpb, ped/bikes	1.00	1.00		1.00	1.00	1.00	0.99	1.00		1.00	1.00	1.00
Frt	1.00	0.99		1.00	1.00	0.85	1.00	0.94		1.00	1.00	0.85
Flt Protected	0.95	1.00		0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00
Satd. Flow (prot)	1719	3295		1805	1792	1482	1626	1705		1787	1810	1514
Flt Permitted	0.16	1.00		0.32	1.00	1.00	0.72	1.00		0.72	1.00	1.00
Satd. Flow (perm)	285	3295		601	1792	1482	1225	1705		1354	1810	1514
Peak-hour factor, PHF	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Adj. Flow (vph)	254	846	55	18	715	36	33	33	24	166	63	337
RTOR Reduction (vph)	0	2	0	0	0	18	0	19	0	0	0	94
Lane Group Flow (vph)	254	899	0	18	715	18	33	38	0	166	63	243
Confl. Peds. (#/hr)							6					6
Confl. Bikes (#/hr)									1			
Heavy Vehicles (%)	5%	9%	2%	0%	6%	9%	10%	3%	4%	1%	5%	5%
Turn Type	pm+pt	NA		pm+pt	NA	Perm	Perm	NA		Perm	NA	pm+ov
Protected Phases	5	2		1	6			8			4	5
Permitted Phases	2			6		6	8			4		4
Actuated Green, G (s)	71.1	64.8		51.3	49.5	49.5	19.4	19.4		18.2	18.2	35.3
Effective Green, g (s)	72.1	67.0		53.3	51.7	50.5	20.4	21.4		19.2	20.2	37.3
Actuated g/C Ratio	0.71	0.66		0.52	0.51	0.50	0.20	0.21		0.19	0.20	0.37
Clearance Time (s)	4.5	6.5		4.5	6.5	6.5	5.0	5.0		6.2	6.2	4.5
Vehicle Extension (s)	2.3	5.4		2.3	5.4	5.4	2.5	2.5		2.5	2.5	2.3
Lane Grp Cap (vph)	455	2164		347	908	733	245	357		254	358	553
v/s Ratio Prot	c0.10	0.27		0.00	c0.40			0.02			0.03	0.08
v/s Ratio Perm	0.29	V		0.03		0.01	0.03	0.02		c0.12	0.00	0.08
v/c Ratio	0.56	0.42		0.05	0.79	0.02	0.13	0.11		0.65	0.18	0.44
Uniform Delay, d1	13.1	8.3		11.7	20.6	13.2	33.5	32.6		38.3	34.0	24.5
Progression Factor	1.00	1.00		1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00
Incremental Delay, d2	1.1	0.3		0.0	5.4	0.0	0.2	0.1		5.3	0.2	0.3
Delay (s)	14.2	8.6		11.8	26.1	13.2	33.7	32.7		43.6	34.2	24.8
Level of Service	В	A		В	C	В	C	C		D	C	C
Approach Delay (s)		9.8			25.1			33.1			31.3	
Approach LOS		A			С			С			C	
Intersection Summary												
HCM 2000 Control Delay			19.9	Н	CM 2000	Level of S	Service		В			
HCM 2000 Volume to Capa	city ratio		0.70									
Actuated Cycle Length (s)			102.0	S	um of lost	t time (s)			12.0			
Intersection Capacity Utiliza	ation		76.1%			of Service			D			
Analysis Period (min)			15									
c Critical Lane Group												

	۶	→	*	•	+	4	1	†	-	-	†	✓
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	*	↑ ↑		7	↑	7	*	1		*	↑	7
Traffic Volume (veh/h)	239	795	52	17	672	34	31	31	23	156	59	317
Future Volume (veh/h)	239	795	52	17	672	34	31	31	23	156	59	317
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	0.99		0.97	0.99		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1826	1767	1870	1900	1811	1767	1752	1856	1841	1885	1826	1826
Adj Flow Rate, veh/h	254	846	55	18	715	0	33	33	24	166	63	337
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	5	9	2	0	6	9	10	3	4	1	5	5
Cap, veh/h	379	1855	121	390	912		284	255	186	379	474	540
Arrive On Green	0.10	0.58	0.56	0.03	0.50	0.00	0.25	0.26	0.24	0.25	0.26	0.25
Sat Flow, veh/h	1739	3199	208	1810	1811	1497	916	983	715	1343	1826	1529
Grp Volume(v), veh/h	254	444	457	18	715	0	33	0	57	166	63	337
Grp Sat Flow(s),veh/h/ln	1739	1678	1729	1810	1811	1497	916	0	1697	1343	1826	1529
Q Serve(g_s), s	5.9	13.6	13.7	0.4	29.1	0.0	2.6	0.0	2.3	9.9	2.4	16.5
Cycle Q Clear(g_c), s	5.9	13.6	13.7	0.4	29.1	0.0	5.0	0.0	2.3	12.2	2.4	16.5
Prop In Lane	1.00		0.12	1.00		1.00	1.00		0.42	1.00		1.00
Lane Grp Cap(c), veh/h	379	973	1002	390	912		284	0	441	379	474	540
V/C Ratio(X)	0.67	0.46	0.46	0.05	0.78		0.12	0.00	0.13	0.44	0.13	0.62
Avail Cap(c_a), veh/h	615	1169	1204	672	1261	4.00	422	0	698	579	746	767
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	16.1	10.8	10.9	10.8	18.3	0.0	28.2	0.0	25.9	31.0	25.5	24.3
Incr Delay (d2), s/veh	1.3	0.9	0.8	0.0	4.3	0.0	0.1	0.0	0.1	0.6	0.1	0.9
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	4.3	8.4	8.7	0.3	18.1	0.0	1.0	0.0	1.7	5.8	1.9	9.9
Unsig. Movement Delay, s/veh		44.7	44.0	40.0	00.0	0.0	00.4	0.0	05.0	24.0	05.0	05.4
LnGrp Delay(d),s/veh	17.3	11.7 B	11.8	10.9	22.6	0.0	28.4 C	0.0	25.9 C	31.6	25.6 C	25.1
LnGrp LOS	В		В	В	C		U	A	U	С		<u>C</u>
Approach Vol, veh/h		1155			733			90			566	
Approach Delay, s/veh		13.0			22.3			26.8			27.1	
Approach LOS		В			С			С			С	
Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	5.9	56.5		27.6	12.8	49.7		27.6				
Change Period (Y+Rc), s	4.5	6.5		6.2	4.5	6.5		* 6.2				
Max Green Setting (Gmax), s	15.5	60.5		34.8	20.5	60.5		* 35				
Max Q Clear Time (g_c+l1), s	2.4	15.7		18.5	7.9	31.1		7.0				
Green Ext Time (p_c), s	0.0	16.6		1.5	0.4	12.0		0.4				
Intersection Summary												
HCM 6th Ctrl Delay			19.3									
HCM 6th LOS			В									

User approved pedestrian interval to be less than phase max green.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Unsignalized Delay for [WBR] is excluded from calculations of the approach delay and intersection delay.

Intersection												
Int Delay, s/veh	3.4											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	7	ĵ.			4			4			र्स	7
Traffic Vol. veh/h	91	489	0	0	310	40	2	2	1	57	1	52
Future Vol, veh/h	91	489	0	0	310	40	2	2	1	57	1	52
Conflicting Peds, #/hr	0	0	1	1	0	0	1	0	0	0	0	1
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	·-	-	None
Storage Length	75	-	-	-	-	-	-	-	-	-	-	150
Veh in Median Storage	e,# -	0	-	-	0	-	-	0	-	-	0	-
Grade, %	_	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	93	93	93	93	93	93	93	93	93	93	93	93
Heavy Vehicles, %	12	5	0	0	4	5	0	50	0	12	0	13
Mvmt Flow	98	526	0	0	333	43	2	2	1	61	1	56
Major/Minor I	Major1		<u> </u>	Major2		I	Minor1			Minor2		
Conflicting Flow All	376	0	0	527	0	0	1107	1099	527	1079	1078	356
Stage 1	-	-	-	-	-	-	723	723	-	355	355	-
Stage 2	-	-	-	-	-	-	384	376	-	724	723	-
Critical Hdwy	4.22	-	_	4.1	-	-	7.1	7	6.2	7.22	6.5	6.33
Critical Hdwy Stg 1	-	-	-	-	-	-	6.1	6	-	6.22	5.5	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.1	6	-	6.22	5.5	-
Follow-up Hdwy	2.308	-	-	2.2	-	-	3.5	4.45	3.3			3.417
Pot Cap-1 Maneuver	1130	-	-	1050	-	-	189	175	555	188	220	664
Stage 1	-	-	-	-	-	-	421	367	-	642	633	-
Stage 2	-	-	-	-	-	-	643	541	-	402	434	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1130	-	-	1049	-	-	161	160	554	173	201	663
Mov Cap-2 Maneuver	-	-	-	-	-	-	161	160	-	173	201	-
Stage 1	-	_	-	-	-	-	384	335	-	586	633	-
Stage 2	-	-	-	-	-	-	587	541	-	364	396	-
-												
Approach	EB			WB			NB			SB		
HCM Control Delay, s	1.3			0			24.8			24.7		
HCM LOS							С			С		
Minor Lane/Major Mvm	nt 1	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR :	SBLn1	SBLn2		
Capacity (veh/h)		187	1130	-	-	1049	-	-	173	663		
HCM Lane V/C Ratio		0.029	0.087	-	-	-	-	-	0.36	0.084		
HCM Control Delay (s)		24.8	8.5	-	-	0	-	-	37.1	10.9		
HCM Lane LOS		С	Α	-	-	Α	-	-	Е	В		
HCM 95th %tile Q(veh))	0.1	0.3	-	-	0	-	-	1.5	0.3		

Appendix D Streetlight Travel Pattern Analysis

Kittelson & Associates, Inc.

Table 8. Weekday Vehicle Origin-Destination Matrix by Zone (Data source: Streetlight Data, Inc.)

	Destination														
Origin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Grand Total
Zone 1	6,072	5,791	1,284	967	158	2,490	1,402	506	67	160	52	121		74	19,144
Zone 2	5,664	8,010	3,261	2,291	240	3,940	969	589	139	90	65	73	50	150	25,531
Zone 3	1,143	3,441	3,069	1,516	74	1,285	210	1073	79	47		187			12,123
Zone 4	853	2,204	1,652	737	106	1,085	314	682	64	58		131			7,886
Zone 5	200	230	117	125	99	251	597	240	50	50		90			2,048
Zone 6	2,361	4,387	1,485	1,182	352	2,913	1,284	442	122	71	49	46		50	14,744
Zone 7	1,564	939	296	353	576	1,150	2,655	654	236	243	83	46		101	8,896
Zone 8	476	598	837	538	213	358	530	888	47	94	45	137		46	4,807
Zone 9	117	121	63	64	50	143	369	47		67				50	1,092
Zone 10	187	101		97	50	101	235		84	118					973
Zone 11	52	74	46			62	50							49	332
Zone 12	48	102	127	153		92	92	118				68		45	845
Zone 13	53						50								103
Zone 14	80	50	47	48	49		152	46		50					522
Grand Total*	18,871	26,048	12,283	8,072	1,966	13,869	8,910	5,285	888	1,048	294	898	50	565	99,047

^{*}Origin-destination data was calculated with decimals, but the table above has rounded the vehicle origin-destination values to the nearest integer. As a result, the Grand Total volumes may vary slightly from the sum totals in each row and column.

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Table 11. Origin-Destination by Analysis Zones – Sunrise Corridor Study Area (Data source: Streetlight Data, Inc.)

	Destination									
Origin	Clackamas Industrial Area	Mobile Home Parks ¹	Happy Valley	Damascus	Clackamas Town Center	Grand Total				
Clackamas Industrial Area	4,140	876	3,610	747	1,920	11,293				
Mobile Home Parks ¹	949	148	868	376	333	2,674				
Happy Valley	3,561	1,022	42,458	3,223	10,021	60,285				
Damascus	808	304	2,805	1,211	524	5,652				
Clackamas Town Center	1,681	232	10,532	627	6,072	19,144				
Grand Total	11,138	2,582	60,273	6,184	18,870	99,047				