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DTDcompliance@clackamas.us | **503-742-4400**.

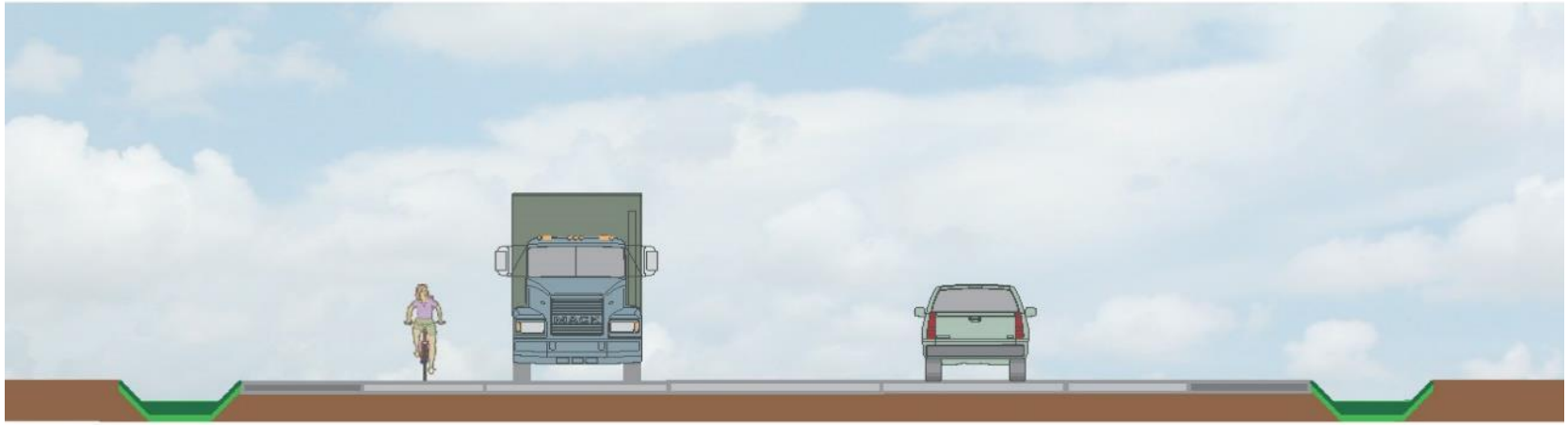
Щоб попросити переклад або спеціальні послуги для осіб з особливими потребами, зверніться до нас, скориставшись такими контактними даними:
DTDcompliance@clackamas.us | **503-742-4400**.

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DTDcompliance@clackamas.us | **503-742-4400**。

Để yêu cầu dịch vụ dịch thuật hoặc điều chỉnh liên quan đến tình trạng khuyết tật, vui lòng liên hệ với chúng tôi qua **DTDcompliance@clackamas.us** | **503-742-4400.**

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Figure 5 – 2a
Typical Rural Arterial Cross Section



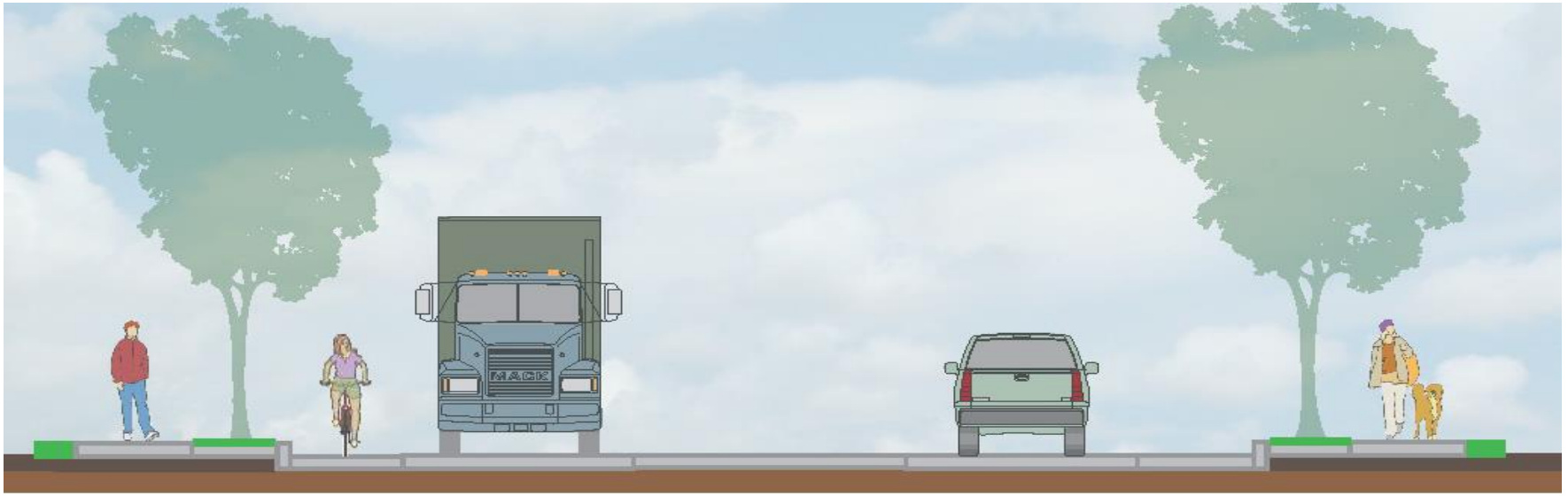
Ditch (as needed)	Gravel shoulder	Paved shoulder/ bikeway	Travel lane	Left turn lane (as needed)	Travel lane	Paved shoulder/ bikeway	Gravel shoulder	Ditch (as needed)
2’ – 9’	2’ – 8’	6’ – 8’	11’ – 12’	12’ – 14’	11’ – 12’	6’ – 8’	2’ – 8’	2’ – 9’
		Paved width: 34’ – 54’						
ROW: 60’ – 88’								

Notes:

1. For more detailed information on the implementation of this Cross Section – see the Zoning and Development Ordinance and/or the County Roadway Standards.
2. Cross section may vary to accommodate design modifications in compliance with the County Roadway Standards, or where a special transportation plan in Chapter 5 specifies a different cross section.
3. Bikeway facilities shall be based on the guidelines found in 5.2 of the Clackamas County Active Transportation Plan except as specified in the Comprehensive Plan and the 5-year Capital Improvement program.
4. Islands, turn lanes, and drainage facilities shall be provided as needed in accordance with the Comprehensive Plan, the 5-year Transportation Capital Improvement Program, or as warranted by the County Roadway Standards and will vary the required constructed width and right-of-way width.

Figure 5 – 2b

Typical Rural Arterial Cross Section - Unincorporated Communities



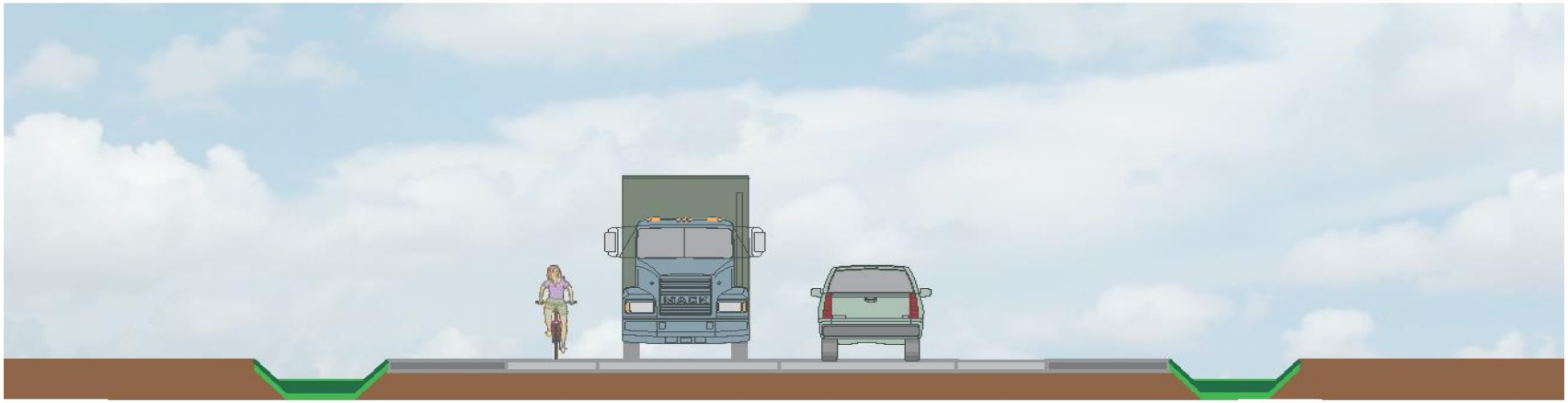
Back of sidewalk: 6” minimum	Pedestrian facility	Landscape strip and curb with street trees	Paved shoulder/ bikeway	Travel lane	Left turn lane or raised median with vegetation (as needed)	Travel lane	Paved shoulder/ bikeway	Landscape strip and curb with street trees	Pedestrian facility	Back of sidewalk: 6” minimum
	6’	5’6”	6’ – 8’	10’ – 12’	12’ – 14’	10’ – 12’	6’ – 8’	5’6”	6’	
			Paved width: 32’ – 54’							
			ROW: 60’ – 78’							

Notes:

1. For more detailed information on the implementation of this Cross Section – see the Zoning and Development Ordinance and/or the County Roadway Standards.
2. Cross section may vary to accommodate design modifications in compliance with the County Roadway Standards, or where a special transportation plan in Chapter 5 specifies a different cross section.
3. Bikeway facilities shall be based on the guidelines found in 5.2 of the Clackamas County Active Transportation Plan except as specified in the Comprehensive Plan and the 5-year Capital Improvement program.
4. Medians, pedestrian refuges, Islands, curb extensions, turn lanes, and drainage facilities shall be provided as needed in accordance with the Comprehensive Plan, the 5-year Transportation Capital Improvement Program, or as warranted by the County Roadway Standards and will vary the required constructed width and right-of-way width.
5. The sidewalk shall be separated a minimum of 5’6” from edge of pavement. Curb and landscape strip is shown as the standard. An at-grade sidewalk separated by a stormwater facility or landscaping may be approved by Engineering.

Last Amended November 27, 2018

Figure 5 – 2c
Typical Rural Collector Cross Section

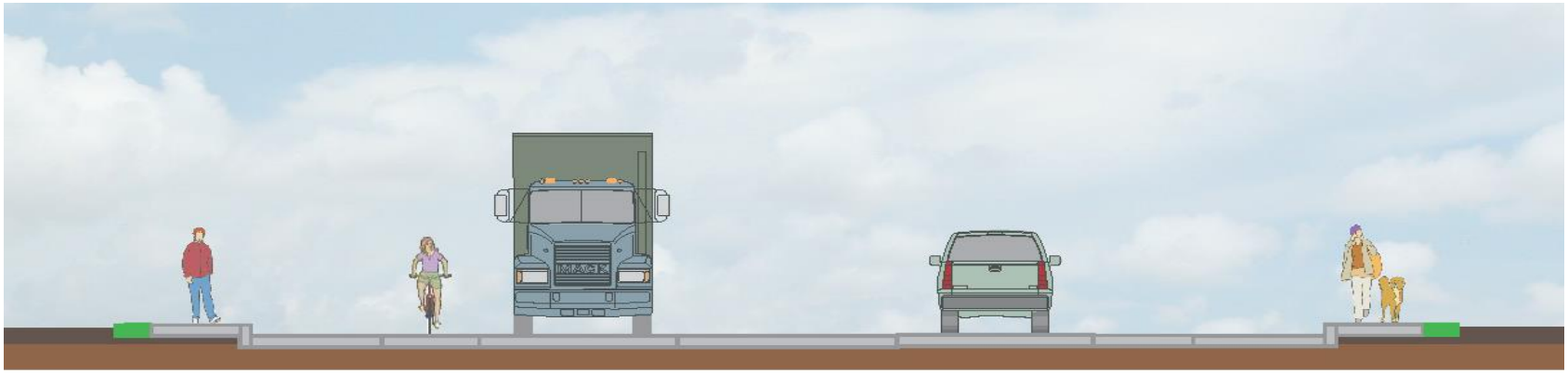


Ditch (as needed)	Gravel shoulder	Paved shoulder/ bikeway	Travel lane	Travel lane	Paved shoulder/ bikeway	Gravel shoulder	Ditch (as needed)
2' – 9'	2' – 8'	6'	10' – 12'	10' – 12'	6'	2' – 8'	2' – 9'
		Paved width: 32' – 36'					
ROW: 40' – 70'							

Notes:

1. For more detailed information on the implementation of this Cross Section – see the Zoning and Development Ordinance and/or the County Roadway Standards.
2. Cross section may vary to accommodate design modifications in compliance with the County Roadway Standards, or where a special transportation plan in Chapter 5 specifies a different cross section.
3. Bikeway facilities shall be based on the guidelines found in 5.2 of the Clackamas County Active Transportation Plan except as specified in the Comprehensive Plan and the 5-year Capital Improvement program.
4. Medians, pedestrian refuges, islands, curb extensions, parking, turn lanes, and drainage facilities shall be provided as needed in accordance with the Comprehensive Plan, the 5-year Transportation Capital Improvement Program, or as warranted by the County Roadway Standards and will vary the required constructed width and right-of-way width.

Figure 5 – 2d
Typical Rural Collector Cross Section – Unincorporated Communities

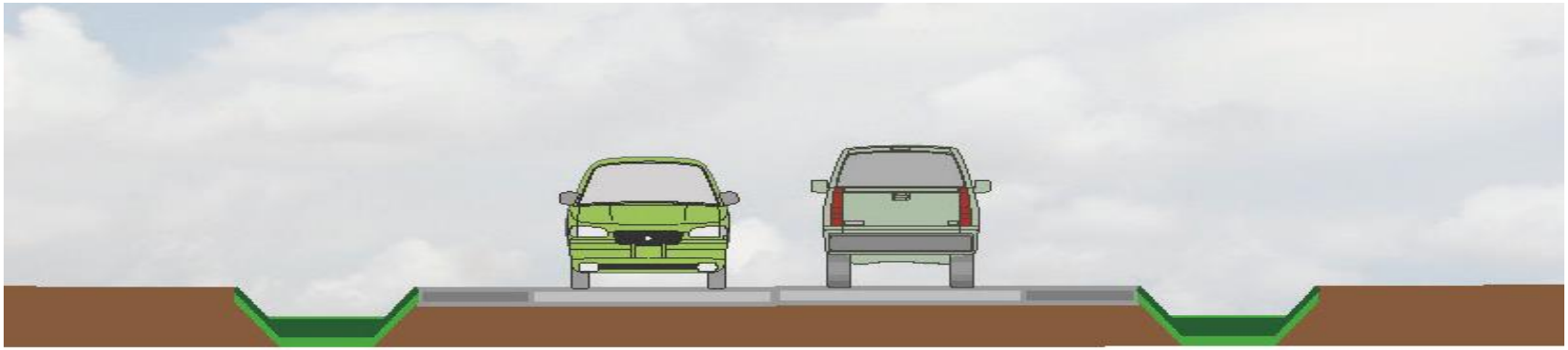


Back of sidewalk: 6” minimum	Pedes-trian facility	Parking	Paved shoulder/ bikeway	Travel lane	Left turn lane and raised median with vegetation (as needed)	Travel lane	Paved shoulder/ bikeway	Parking	Pedes-trian facility	Back of sidewalk: 6” minimum
	6’	8’	6’	10’ – 12’	11’ – 13’	10’ – 12’	6’	8’	6’	
					Paved width: 48’ – 65’					
					ROW: 61’ – 78’					

Notes:

1. For more detailed information on the implementation of this Cross Section – see the Zoning and Development Ordinance and/or the County Roadway Standards.
2. Cross section may vary to accommodate design modifications in compliance with the County Roadway Standards, or where a special transportation plan in Chapter 5 specifies a different cross section.
3. Bikeway facilities shall be based on the guidelines found in 5.2 of the Clackamas County Active Transportation Plan except as specified in the Comprehensive Plan and the 5-year Capital Improvement program.
4. Medians, pedestrian refuges, islands, curb extensions, parking, turn lanes, and drainage facilities shall be provided as needed in accordance with the Comprehensive Plan, the 5-year Transportation Capital Improvement Program, or as warranted by the County Roadway Standards and will vary the required constructed width and right-of-way width.
5. The sidewalk shall be separated a minimum of 5’6” from edge of pavement when street parking is not provided.

Figure 5 – 2e
Typical Rural Connector/Local Cross Section



Ditch (as needed)	Gravel shoulder	Travel lane	Travel lane	Gravel shoulder	Ditch (as needed)
2’ – 9’	2’ – 5’	10’ – 11’	10’ – 11’	2’ – 5’	2’ – 9’
		Paved width: 20’ – 22’			
ROW: 28’ – 50’					

Notes:

1. For more detailed information on the implementation of this Cross Section – see the Zoning and Development Ordinance and/or the County Roadway Standards.
2. Cross section may vary to accommodate design modifications in compliance with the County Roadway Standards, or where a special transportation plan in Chapter 5 specifies a different cross section.
3. Bikeway facilities shall be based on the guidelines found in 5.2 of the Clackamas County Active Transportation Plan except as specified in the Comprehensive Plan and the 5-year Capital Improvement program.
4. Curb extensions, parking, and drainage facilities shall be provided as needed in accordance with the Comprehensive Plan, the 5-year Transportation Capital Improvement Program, or as warranted by the County Roadway Standards and will vary the required constructed width and right-of-way width.