



**DAN JOHNSON**  
DIRECTOR

DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT  
DEVELOPMENT SERVICES BUILDING  
150 BEAVERCREEK ROAD OREGON CITY, OR 97045

March 5, 2020

Board of County Commissioners  
Clackamas County

Members of the Board:

**Approval of Intergovernmental Agreement between Clackamas County and the City of Oregon City for Traffic Signal Maintenance and Transportation Engineering Services**

<b>Purpose/Outcomes</b>	Clackamas County Department of Transportation and Development (DTD) is seeking approval to replace an existing maintenance agreement with the City of Oregon City with new updated traffic signal maintenance and transportation engineering services agreement to support the City's traffic signals and intelligent transportation system infrastructure.
<b>Dollar Amount and Fiscal Impact</b>	Revenue – Varies between \$500 to \$3,000 annual reimbursements for staff time per traffic signal & roadway flashing beacons.
<b>Funding Source</b>	N/A
<b>Duration</b>	Agreement will expire on December 31, 2021 unless terminated earlier by either party. Agreement will renew automatically for two (2) more years and will terminate December 31, 2023 unless notice of intent not to renew is provided.
<b>Previous Board Action</b>	5/2/1990 – Traffic Signal Maintenance Agreement 6/16/1970 – Traffic Control Agreement
<b>Strategic Plan Alignment</b>	<ol style="list-style-type: none"> <li>1. Build a strong infrastructure</li> <li>2. Ensure safe, healthy and secure communities</li> <li>3. Grow vibrant economy</li> </ol>
<b>Counsel Review</b>	Reviewed and approved by Counsel on 02/24/2020
<b>Contact Person</b>	Bikram Raghubansh, Senior Traffic Engineer 503-742-4706

**BACKGROUND:**

The City of Oregon City is requesting a formal agreement with Clackamas County to provide transportation engineering support services to manage City's traffic signals and Intelligent Transportation System (ITS). This agreement will formally allow County transportation engineering staff to work on traffic signal timing, design review, and construction review support for City's traffic signals, roadway flashing beacons, and ITS infrastructure. Also, this agreement will replace existing traffic signal maintenance agreements with the City by specifying end of agreement term date, clarifying City and County obligations, and identifying list of existing infrastructures (traffic signals and roadway flashing beacons) that County will be maintaining for the City. Support provided by County transportation engineering and traffic signal maintenance staff will be reimbursed by the City for time and material costs.

**RECOMMENDATION:**

Staff respectfully recommends that the Board of County Commissioners approve the attached Intergovernmental Agreement with the City of Oregon City for the maintenance of traffic signal related assets and transportation engineering services.

Respectfully submitted,

Bikram Raghubansh  
Senior Traffic Engineer

**INTERGOVERNMENTAL AGREEMENT BETWEEN CLACKAMAS COUNTY  
AND THE CITY OF OREGON CITY FOR  
TRAFFIC SIGNAL MAINTENANCE AND  
TRANSPORTATION ENGINEERING  
SERVICES**

THIS AGREEMENT (this “Agreement”) is entered into and between Clackamas County (“COUNTY”), a corporate body politic, and the City of Oregon City (“CITY”), a municipal corporation, pursuant to ORS Chapter 190 (Cooperation of Governmental Units), collectively referred to as the “Parties” and each a “Party.”

**RECITALS**

WHEREAS, authority is conferred upon local governments under ORS 190.010 to enter into agreements for the performance of any and all functions and activities that a party to the agreement, its officers or agencies have authority to perform; and

WHEREAS, the City needs professional transportation engineering and signal maintenance staff to assist with design review, oversight, and maintenance of the City’s new and existing traffic signal(s), intelligent transportation system (“ITS”), and roadway beacons; and

WHEREAS, the County has expertise in this area and is able and willing to provide traffic engineering review oversight support, signal timing, and perform signal maintenance for the City on the terms and conditions provided below; and

WHEREAS, this Agreement sets forth the responsibilities of the County for traffic signal maintenance on the City’s signals, ITS devices, and roadway beacons at the locations listed in Attachment A; and

WHEREAS, this Agreement sets forth the responsibilities of the City to compensate the County for the work contemplated herein; and

WHEREAS, the City and County believe it is in the public interest to enter into this Agreement to set forth the circumstances under which the City may request the County to provide traffic engineering and traffic signal maintenance support on City roads and streets lying within the boundaries of the City; and

WHEREAS, the City would like to engage the County to perform the work associated with maintenance and transportation engineering services and the County is willing to perform the work.

NOW, THEREFORE, in consideration of the mutual promises set forth below and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

- 1. Term.** This Agreement shall be effective on the last date signed by the Parties below and shall continue until December 31, 2021 unless terminated earlier by either party consistent with Section 4. This Agreement will renew automatically for two (2) more years and will terminate December 31, 2023 unless notice of intent not to renew is provided consistent with Section 4.

## 2. County Obligations.

- A. The County shall provide all necessary labor and equipment to perform traffic signal consulting, inspection, configuration, testing, routine and preventive maintenance and repairs on both a regular scheduled and an on-call basis on those facilities identified in Attachment A. Work shall be performed to International Municipal Signal Association (IMSA), Manual on Uniform Traffic Control Devices (MUTCD) with Oregon Supplement and Institute of Transportation Engineers (ITE) industry standards, as well as the State of Oregon guidelines and specifications.
- B. If spare materials and replacement parts are unavailable from City inventory, County shall provide spare materials and replacement parts as necessary to repair a signal that is deemed by the City to create a dangerous condition. Materials and parts supplied by County will be charged to City at current replacement costs with associated shipping and handling fees necessary to replace County inventory.
- C. The County shall assist City with developing a recommended inventory list of spare materials and replacement parts to store/maintain on a regular basis.
- D. The County shall provide engineering review and construction inspection services as requested by City Engineer or designee for new equipment installations not yet identified in Attachment A. New equipment which the Parties agree should be subject to the terms of this Agreement may be added to Attachment A by written amendment to this Agreement, signed by the City's Public Works Director, or designee, and the County's Director of the Department of Transportation and Development.
- E. The County shall assign an Oregon State-licensed Professional Civil Engineer (with expertise in Traffic Signal Operation) to assist the City as requested with traffic signal design review, alterations or additions to the traffic signal system, intelligent transportation systems (ITS), roadway flashing beacons, signal timing, review of development proposals with traffic impacts, and other traffic engineering matters. The County's Oregon State- licensed Professional Civil Engineer shall work in close coordination with the City's Public Works Engineering staff for design review oversight on the City's traffic signal, ITS, and roadway beacon projects.
- F. The County shall utilize IMSA Certified Technicians/Electricians when performing traffic signal maintenance, repairs, inspection, configuration, setup, or testing of the City's signal system. Certification level shall be commensurate with the task performed in accordance with IMSA specifications. Technicians/Electricians should be certified in temporary traffic control per IMSA guidelines.
- G. The County shall provide regular scheduled annual testing and maintenance of traffic signal components required for a fully functional traffic signal system, which includes all items shown in Attachment B.
- H. The County shall provide short term temporary traffic control measures as required by the most current Oregon Temporary Traffic Control Handbook and/or state adopted Manual on Uniform Traffic Control Devices ("MUTCD") during routine maintenance activities.
- I. The County shall provide responsive 24-hour on-call service that includes weekends and holidays.

- i. The County shall respond to any calls involving an emergency, defined below, within four (4) hours, and shall respond to routine calls within forty-eight (48) hours. Emergencies are:
    1. controller failures;
    2. dark signals;
      - a. In the event of a “dark signal,” the County will verify with the Utility Service Provider (Portland General Electric) before responding to ensure the outage is not due to a power outage, and the County will only be obligated to respond if the issue is isolated to the traffic signal. It will be the responsibility of the technician/electrician on duty to evaluate conditions at the site and determine the action necessary, including temporary repairs or traffic control.
    3. any red lamp outage;
    4. any intersection in a flashing mode;
    5. any turn lane with only one signal head having an outage (red, yellow, or green);
    6. any equipment involved in a crash; or
    7. any condition involving a signal that the City Public Works Director or designee declares to be an “emergency” or otherwise requests immediate response (subject to County personnel availability) because the City deems a dangerous condition to exist.
  - ii. Except for emergency work described in Section 2(I) and routine maintenance work described in Attachment B, the County will provide a quote to the City outlining the work to be done with estimated labor and material costs in accordance with this Agreement before commencing any work. Prior to any work being started, the quote must be signed by the Public Works Director or designee for the City and the Director of the Department of Transportation and Development for the County, or their respective designees.
  - iii. The County shall record all activities performed any time staff is responding to a service call at the site of traffic signal facilities. This can be done on a County-standard form, but should include at minimum:
    1. the time and date the call is received;
    2. the time staff arrives onsite;
    3. who placed the call;
    4. location and condition upon arrival;
    5. necessary equipment, labor and materials;
    6. specifics of repair;
    7. additional repairs still needed;
    8. time site was secured; and
    9. time leaving site.
- J. The County will provide to the City reports on all work performed at the traffic

signal(s) as requested by the City. Annual reports shall contain completed maintenance checklists as provided in Attachment B, as well as copies of all work reports, tests, etc. for any activities performed onsite.

- K. The County shall maintain an updated logbook in each cabinet for traffic signals that details any and all maintenance or repairs performed.
- L. The County shall provide annual reports that include all the information in Section 2(J), or earlier upon request of the City.
- M. The County shall submit a detailed monthly invoice to the City with work descriptions, labor costs, and material costs. The County shall invoice the City within sixty (60) days of performing City-authorized work at rates established by the County to local governments.
- N. The County shall submit to City new rates for staff not less than 45 days before the rates per Attachment C change.

### **3. City Obligations.**

- A. The City shall compensate the County for the services provided based on the rates of staff in the County Department of Transportation and Development as shown in Attachment C. Payment shall be made within thirty (30) days of the City receiving an invoice.
- B. The City agrees to promptly contact the County any time signal issues are witnessed or reported to ensure timely repairs can be made.
- C. The City shall have the ultimate responsibility to approve the plans in writing for signal upgrading, phasing, timing, and coordination after recommendation by the County.
- D. The City grants the County the right to enter into and occupy City rights-of-way for the purpose of performing routine maintenance and emergency repairs of the traffic signal equipment, ITS devices, and roadway beacons owned by the City.
- E. The City shall maintain responsibility for temporary traffic control from the time the signal issue is discovered until such time as the City deems the traffic control unnecessary, or County staff arrive and provide traffic control per Section 2(H) or Section 2(I)(ii).
- F. The City's inventory of spare materials and replacement parts for common repairs shall be stored at City's Maintenance Center and shall be accessible to County technicians/electricians during weekday business hours with the assistance of City personnel.

### **4. Termination.**

- A. The County and the City, by mutual written agreement, may terminate this Agreement at any time.
- B. City may terminate this Agreement without cause upon:
  - i. Rate Increase: Within 30 days following the County's notice of rate increase to City (rate increase shall not be effective until 45 days following notice to City);  
or

- ii. For Convenience: Upon 60 days' notice.
- C. Either the County or the City may terminate this Agreement in the event of a breach of the Agreement by the other. Prior to such termination however, the Party seeking the termination shall give the other Party written notice of the breach and of the Party's intent to terminate. If the breaching Party has not entirely cured the breach within fifteen (15) days of deemed or actual receipt of the notice, then the Party giving notice may terminate the Agreement at any time thereafter by giving written notice of termination stating the effective date of the termination. If the default is of such a nature that it cannot be completely remedied within such fifteen (15) day period, this provision shall be complied with if the breaching Party begins correction of the default within the fifteen (15) day period and thereafter proceeds with reasonable diligence and in good faith to effect the remedy as soon as practicable. The Party giving notice shall not be required to give more than one (1) notice for a similar default in any twelve (12) month period.
- D. The County or the City shall not be deemed to have waived any breach of this Agreement by the other Party except by an express waiver in writing. An express written waiver as to one breach shall not be deemed a waiver of any other breach not expressly identified, even though the other breach is of the same nature as that waived.
- E. The County may terminate this Agreement upon 60 days' notice in the event the County is unable to provide staffing sufficient to allow the County, in the exercise of its reasonable administrative discretion, to continue to provide services for performance of this Agreement.
- F. The County may provide Notice of Intent not to renew this Agreement upon 60 days' notice prior to the expiration of the original term of this Agreement.
- G. Nothing herein shall prevent the Parties from meeting to mutually discuss the Agreement. Each Party shall use best efforts to coordinate with the other to minimize conflicts.
- H. Any termination of this Agreement shall not prejudice any rights or obligations accrued to the Parties prior to termination.

## **5. Indemnification.**

- A. Subject to the limits of the Oregon Constitution and the Oregon Tort Claims Act or successor statute, the County agrees to indemnify, save harmless and defend the City, its officers, elected officials, agents and employees from and against all costs, losses, damages, claims or actions and all expenses incidental to the investigation and defense thereof (excluding legal and other professional fees) arising out of or based upon damages or injuries to persons or property caused by the negligent or willful acts of the County or its officers, elected officials, owners, employees, agents, or its subcontractors or anyone over which the County has a right to control acting within the course and scope of their employment or authority.
- B. Subject to the limits of the Oregon Constitution and the Oregon Tort Claims Act or successor statute, the City agrees to indemnify, save harmless and defend the County, its officers, elected officials, agents and employees from and against all costs, losses, damages, claims or actions and all expenses incidental to the investigation and defense

thereof (excluding legal and other professional fees) arising out of or based upon damages or injuries to persons or property caused by the negligent or willful acts of the City or its officers, elected officials, owners, employees, agents, or its subcontractors or anyone over which the City has a right to control acting within the course and scope of their employment or authority.

## 6. Party Contacts.

- A. Bikram Raghubansh or his designee will act as liaison for the County for the Agreement.

**Contact Information:**

Clackamas County- Department of Transportation and  
Development 150 Beavercreek Road  
Oregon City, OR 97045  
(503) 742-4706 or [BikramRag@clackamas.us](mailto:BikramRag@clackamas.us)

- B. Vance Walker or his designee will act as liaison for the City for the Agreement.

**Contact Information:**

City of Oregon City – Public Works  
Department 625 Center St.  
Oregon City, Or. 97045  
(503)- 657-8241 or [vwalker@orcite.org](mailto:vwalker@orcite.org)

- C. Either Party may change the Party contact information, the invoice, or payment addresses by giving prior written notice thereof to the other Party at its then current notice address.

## 7. General Provisions.

- A. **Oregon Law and Forum.** This Agreement shall be construed according to the laws of the State of Oregon, without giving effect to the conflict of law provisions thereof. Venue for any dispute regarding this Agreement shall be in the Clackamas County Circuit Court.
- B. **Applicable Law.** The Parties hereto agree to comply in all ways with applicable local, state and federal ordinances, statutes, laws and regulations.
- C. **Non-Exclusive Rights and Remedies.** Except as otherwise expressly provided herein, the rights and remedies expressly afforded under the provisions of this Agreement shall not be deemed exclusive and shall be in addition to and cumulative with any and all rights and remedies otherwise available at law or in equity. The exercise by either Party of any one or more of such remedies shall not preclude the exercise by it, at the same or different times, of any other remedies for the same default or breach, or for any other default or breach, by the other Party.
- D. **Record and Fiscal Control System.** All payroll and financial records pertaining in whole or in part to this Agreement shall be clearly identified and readily accessible.



Such records and documents should be retained for a period of at least three (3) years; provided that any records and documents that are the subject of audit findings shall be retained for a longer time until such audit findings are resolved.

- E. **Access to Records.** The Parties acknowledge and agree that each Party, and their duly authorized representatives, shall have access to the other Party's books, documents, papers, and records which are directly pertinent to this Agreement for the purpose of making audit, examination, excerpts, and transcripts for a period of three (3) years. Copies of applicable records shall be made available upon request. The cost of such inspection shall be borne by the inspecting Party.
- F. **Debt Limitation.** This Agreement is expressly subject to the debt limitation of Oregon counties set forth in Article XI, Section 10, of the Oregon Constitution, and is contingent upon funds being appropriated therefore, as well as the debt limitation set forth in Section 47 of the Oregon City Charter. Any provisions herein which would conflict with law are deemed inoperative to that extent.
- G. **Severability.** If any provision of this Agreement is found to be unconstitutional, illegal or unenforceable, this Agreement nevertheless shall remain in full force and effect and the offending provision shall be stricken. The Court or other authorized body finding such provision unconstitutional, illegal or unenforceable shall construe this Agreement without such provision to give effect to the maximum extent possible the intentions of the Parties.
- H. **Integration, Amendment and Waiver.** Except as otherwise set forth herein, this Agreement constitutes the entire agreement between the Parties and any prior agreements between the Parties affecting the subject matter of this Agreement, including that Agreement between the Parties executed on June 16, 1970, and that Agreement between the Parties dated May 2, 1990, are hereby terminated. There are no understandings, agreements, or representations, oral or written, not specified herein regarding this Agreement. No waiver, consent, modification or change of terms of this Agreement shall bind either Party unless in writing and signed by both Parties and all necessary approvals have been obtained. Such waiver, consent, modification or change, if made, shall be effective only in the specific instance and for the specific purpose given. The failure of either Party to enforce any provision of this Agreement shall not constitute a waiver by such Party of that or any other provision.
- I. **Interpretation.** The titles of the sections of this Agreement are inserted for convenience of reference only and shall be disregarded in construing or interpreting any of its provisions.
- J. **Independent Contractor.** Each of the Parties hereto shall be deemed an independent contractor for purposes of this Agreement. No representative, agent, employee or contractor of one Party shall be deemed to be a representative, agent, employee or contractor of the other Party for any purpose, except to the extent specifically provided herein. Nothing herein is intended, nor shall it be construed, to create between the Parties any relationship of principal and agent, partnership, joint venture or any similar relationship, and each Party hereby specifically disclaims any such relationship.

- K. **No Third-Party Beneficiary.** Neither Party intends that this Agreement benefit, or create any right or cause of action in, or on behalf of, any person or entity other than the County or the City.
- L. **No Assignment.** No Party shall have the right to assign its interest in this Agreement (or any portion thereof) without the prior written consent of the other Party, which consent may be withheld for any reason. The benefits conferred by this Agreement, and the obligations assumed hereunder, shall inure to the benefit of and bind the successors of the Parties.
- M. **Counterparts.** This Agreement may be executed in any number of counterparts (electronic, facsimile or otherwise) all of which when taken together shall constitute one agreement binding on all Parties, notwithstanding that all Parties are not signatories to the same counterpart. Each copy of this Agreement so executed shall constitute an original.
- N. **Authority.** Each Party represents that it has the authority to enter into this Agreement on its behalf and the individual signatory for a Party represents that it has been authorized by that Party to execute and deliver this Agreement.
- O. **Necessary Acts.** Each Party shall execute and deliver to the others all such further instruments and documents as may be reasonably necessary to carry out this Agreement.
- P. **Force Majeure.** Neither City nor County shall be held responsible for delay or default caused by events outside of the City or County's reasonable control including, but not limited to, fire, terrorism, riot, acts of God, or war. However, both parties shall make all reasonable efforts to remove or eliminate such a cause of delay or default and shall upon the cessation of the cause, diligently pursue performance of its obligations under this Agreement.
- Q. **No Attorney Fees.** In the event any arbitration, action or proceeding, including any bankruptcy proceeding, is instituted to enforce any term of this Agreement, each party shall be responsible for its own attorneys' fees and expenses.

[Signatures on Following Page]

IN WITNESS HEREOF, the Parties have executed this Agreement by the date set forth opposite their names below.

**Clackamas County**

**City of Oregon City**

\_\_\_\_\_  
Chair, Board of County Commissioners

*Andy J. Kell*  
\_\_\_\_\_  
City Manager

\_\_\_\_\_  
Date

*2/6/2020*  
\_\_\_\_\_  
Date

Approved as to form:

*Carrie Richter for*  
\_\_\_\_\_  
Bill Kabeiseman, City Attorney

## Attachment A

### County Maintained Traffic Signal and Flasher Beacon Locations

The County agrees to provide preventive maintenance, on-call repair, locates, and traffic engineering consultation services for signal and flasher facilities at the following locations within the City's Jurisdiction:

#### TRAFFIC SIGNALS

All traffic signals, pedestrian signals, vehicle detection, ITS devices, and related facilities at the following locations:

TC ID No.	Major	Major Street	Type
05515	John Adams St.	5 <sup>th</sup> St	Fire signal
05646	Washington St.	Prairie Schooner Way	Signal
05651	Washington St.	Home Depot-Metro access	Signal
05500	Abernethy Rd. – 17 <sup>th</sup> St.	Washington St.	Signal
05501	Washington St.	15 <sup>th</sup> St.	Signal
05502	Washington St.	14 <sup>th</sup> St.	Signal
05072	Singer Hill	RR Xing	PTR
05503	Washington St.	7 <sup>TH</sup> St.	Signal
05505	7 <sup>th</sup> St.	Monroe St.	Signal
05507	7 <sup>th</sup> St/ Molalla Ave.	Polk St./Division St.	Ped signal
05508	Molalla Ave.	Pearl St.	Signal
05509	Molalla Ave	Holmes Ln.- Hilda St.	Signal
05510	Molalla Ave.	Warner Milne Rd.	Signal
05541	Molalla Ave.	1476 Molalla Ave (near McDonalds)	Signal
05511	Molalla Ave.	Beavercreek Rd.	Signal
05512	Molalla Ave.	Clairmont Way	Signal
05513	Molalla Ave.	Gaffney Ln.	Signal
05539	South End Rd.	Shelby Rose Dr. /McLoughlin Elem School	Ped signal
05528	Washington St.	12 <sup>th</sup> Ave.	Signal
05535	Warner Milne Rd.	Linn Ave-Leland Rd.	Signal
05540	Warner Milne Rd.	Beavercreek Rd.	Signal
05646	Beavercreek Rd.	Theater access, 428 Beavercreek Rd.	Signal

05520	Beavercreek Rd.	Southridge Ctr. Access, 1626 Beavercreek Rd.	Signal
05518	Beavercreek Rd.	Fred Meyer access, 1972 Beavercreek Rd.	Signal
05519	Beavercreek Rd.	Fir St.	Signal

### ROADWAY FLASHING BEACONS

Includes school zone flashers, intersection flashers, and Rectangular Rapid Flashing Beacons (RRFB) at the following locations:

ID No.	Device Type	Address	Major Street	Minor Street
05527	4-way flasher	Intersection	Jackson St	15 <sup>th</sup> St
05685	RRFB	Intersection	John Adams St	7 <sup>th</sup> St
05515	Fire Signal	Intersection	John Adams St	5 <sup>th</sup> St
05529	4-way flasher	Intersection	Jackson St	9 <sup>th</sup> St
05531	4-way flasher	Intersection	Washington St	5 <sup>th</sup> St
05534	4-way flasher	Intersection	Holmes Ln	Linn Ave
05538	4-way flasher	Intersection	South End Rd	Warner Parrott Rd





Rockingham County

DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

Transportation Maintenance Division

Annual Cabinet Inspections

Traffic Signal #: TC- [ ]

Date: [ ] / [ ] / [ ]

Location: [ ]

Arrive: [ ]

Owner [ ]

Depart: [ ]

Controller Mfg: [ ]

Model: [ ]

CMU Mfg: [ ]

Model: 210

S/N: [ ] [ ] [ ]

New CMU Mfg: [ ]

Model: 210

S/N: [ ] [ ] [ ]

VAC: [ ]

VDC: [ ]

AMPS: [ ]

	PS	SLDs	N/A	
Controller Timing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	note: _____
Timing Sheet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	note: _____
Cabinet Print	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	note: _____
Intersection As-Built	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	note: _____
Verify Inputs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	note: _____
Verify Outputs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	note: _____
Flasher Outputs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	note: _____
Locks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	note: _____
Thermostat/Fan Test	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	note: _____
Change Air Filter(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	note: _____
Cleaned/Lubed Cabinet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	note: _____
Remove/Cleaned Graffiti	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	note: _____
Diode Matrix Sheet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	note: _____

Conflict Monitor Test   note: \_\_\_\_\_

Miscellaneous Details:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Electrician \_\_\_\_\_

Electrician \_\_\_\_\_

## Attachment C

### Schedule of Rates

**Clackamas County  
Traffic Engineering & Traffic Signal Maintenance  
Labor Rates**

**2019/20 Fiscal Year**

<b>Employee Class Description</b>	<b>Group</b>	<b>Labor Rate</b>
Engineering Supervisor	Engineering	\$178.89
Civil Engineer, Senior	Engineering	\$161.64
Civil Engineer	Engineering	\$129.26
Civil Engineer, Associate	Engineering	\$99.1100
Engineering Tech 3	Engineering	\$108.93
Engineering Tech 2	Engineering	\$94.05
Engineering Intern	Engineering	\$24.63
Traffic Signal Electrician	Maintenance	\$130.40