



MARION COUNTY BOARD OF COMMISSIONERS

Board Session Agenda Review Form

Meeting date: May 22, 2019

Department: Public Works Agenda Planning Date: 5/15/2019 Time required: 3 mins

Audio/Visual aids

Contact: Steven Preszler Phone: 503-365-3157

Department Head Signature:

TITLE Approval of contract PW-2807-19 for the Reconstruction of Wintercreek Road SE in Marion County, ECMS number 2019-201

Issue, Description & Background Reconstruction of Wintercreek Road SE, including construction of Modular Concrete retaining wall, asphalt concrete pavement (ACP), stormwater conveyance, protection and relocation of utilities, driveway improvements, guardrail installation, temporary traffic control and related improvements of Wintercreek Road SE between Jefferson Highway/OR99E and Parrish Gap Road SE
On April 2, 2019 bids were received and opened for this project with 5 bids received. The bids were: North Santiam Paving Co. (\$1,631,791.00); Knife River Corporation - Northwest (\$1,791,986.35); Roy Houck Construction (\$1,809,646.05); Riverbend Materials (\$1,662,325.45); and 3 Kings Environmental (\$2,446,084.77). One contract, in the amount of \$1,631,791.00, is being executed with North Santiam Paving Co. as the lowest responsible bidder.
The bid award was approved on April 4, 2019 and became official on April 12, 2019 following the required 7-day protest period. No protests were received.

Financial Impacts: Public Works has included the necessary funds to complete the project in the FY 2018-2019 and 2019-20 budgets

Impacts to Department & External Agencies None

Options for Consideration: 1) Approve the contract for \$1,631,791.00 with North Santiam Paving Co. 2) Take no action at this time

Recommendation: Public Works recommends the approval of the contract for \$1,631,791.00 with North Santiam Paving Co.

List of attachments: Contract PW-2807-19 Contract Review Sheet

Presenter: Brian Vincent

Copies of completed paperwork sent to the following: (Include names and e-mail addresses.)



MARION COUNTY BOARD OF COMMISSIONERS

Board Session Agenda Review Form

Copies to:

Tom Kissinger, tkissinger@co.marion.or.us
Tim Beaver, tbeaver@co.marion.or.us



Contract Review Sheet

Contract #: PW-2807-19

Person Sending: **Thomas Kissinger**

Department: **Public Works**

Contact Phone #: **503-566-4139**

Date Sent: **Friday, May 10, 2019**

- Contract Amendment# Lease IGA MOU Grant (attach approved grant award transmittal form)

Title: **Wintercreek Road SE Reconstruction Project**

Contractor's Name: **North Santiam Paving Company**

Term - Date From: **Upon Signatures** Expires: **Aug 2, 2020**

Contract Total: **\$1,631,791.00** Amendment Amount: New Contract Total:

Source Selection Method: **Formal Bid (attach transmittal)** # **PW535-19**

Additional Considerations (check all that apply)

- Board Order# Feasibility Determination (attach approved form)
- Incoming Funds Federal Funds (attach sub-recipient / contractor analysis)
- Independent Contractor (LECS) approval date: Reinstatement (attach written justification)
- Insurance Waiver (attach) Retroactive (attach written justification)
- CIP# **16-103** (required for all goods /software greater than \$5,000)

Description of Services or Grant Award:

Contract for the reconstruction of Wintercreek Road SE

FOR FINANCE USE

Date Finance Received: BOC Planning Date: Date Legal Received:

Comments:

REQUIRED APPROVALS:

Finance - Contracts Date Risk Manager Date

Legal Counsel Date Chief Administrative Officer Date

Date To be filed Added to master list

Returned to Department for signatures

CONSTRUCTION CONTRACT PW-2807-19

This Contract, made and entered into by and between Marion County, A Political Subdivision of the State of Oregon, acting by and through its duly elected, qualified, and acting Board of Commissioners, hereinafter called the "County" and, North Santiam Paving Co. hereinafter called the "Contractor" for the Project entitled: Wintercreek Road Reconstruction.

WITNESSETH

That the said Contractor, in consideration of the sum of \$1,631,791 to be paid by the County in the manner and at the times herein provided, and in consideration of the other covenants and agreements herein contained, hereby agrees to perform and complete the work herein described and provided for and to furnish all necessary machinery, tools, apparatus, equipment, supplies, materials and labor, and do all things in accordance with the applicable Plans, the applicable Standard Specifications, the Special Specifications and Bid Bond and in accordance with such alterations and modifications of the same as may be made by the County. This Agreement shall be binding upon the heirs, executors, administrators, successors and assigns of the Contractor.

The Contract shall become effective on the first date on which every party has signed this Contract and County has received all necessary approvals.

The Contractor shall faithfully complete and perform all of the obligations of this Contract.

1. Contractor shall make payment promptly, as due, to all persons supplying to such Contractor labor and/or material for the prosecution of the work provided for in such contract.
2. Contractor shall pay all contributions or amounts due the Industrial Accident Fund from such Contractor or Subcontractor incurred in the performance of the contract.
3. Contractor shall not permit any lien or claim to be filed or prosecuted against the state, county, school district, municipality, municipal corporation or subdivision thereof, on account of any labor or material furnished.
4. Contractor shall pay to the Department of Revenue all sums withheld from employees pursuant to ORS 316.167.
5. If the Contractor fails, neglects, or refuses to make prompt payment of any claim for labor or services furnished to the Contractor or a Subcontractor by any person, or the assignee of the person, in connection with the public works contract as such claim becomes due, the proper officer or officers of the public contracting agency may pay such claim and charge the amount of the payment against funds due or to become due the contractor by reason of such Contract.
6. Contractor shall comply with the conditions for public contracts under Oregon State Law, particularly as set forth in ORS 279C.500 through 279C.530. Contractor must give notice to employees who work on a public contract in writing, either at the time of hire or before commencement of work on the contract, or by posting a notice in a location frequented by employees, of the number of hours per day and days per week that the employees may be required to work. Furthermore, Contractor shall not employ any person performing work under this contract for more than ten hours in any one day, or 40 hours in any one week, except in cases of necessity, emergency, or where the public policy absolutely requires it. Contractor shall pay all individuals performing work under this contract at least time-and-a-half pay for:
 - a. All overtime in excess of eight hours a day or 40 hours in any one week when the work week is five consecutive days, Monday through Friday; and

- b. All overtime in excess of 10 hours a day or 40 hours in any one week when the work week is four consecutive days, Monday through Friday; and
 - c. All work performed on Saturday or Sunday and on any legal holiday specified in ORS 279C.540.
7. Contractor shall promptly, as due, make payment to any person, co-partnership, association, or corporation, furnishing medical, surgical and hospital care or other needed care and attention, incident to sickness or injury, to the employees of such Contractor, of all sums which the Contractor agrees to pay for such services and all monies and sums which the Contractor collected or deducted from the wages of the Contractor's employees pursuant to any law, contract, or agreement for the purpose of providing or paying for such service.

All employers working under the contract are subject employers that will comply with ORS 656.017.

8. Each worker in each trade or occupation employed in the performance of the Contract either by the Contractor, Sub-contractor or other person doing or contracting to do the whole or any part of the work on the Contract, shall be paid not less than the applicable prevailing rate of wage set forth in the attached schedule pursuant to ORS 279C.840(4) & OAR 839-016-0033(1).
9. Contractor shall maintain all records and file all wage certification forms as required by Oregon Administrative Rules.
10. Prevailing Wage Requirements

a. Applicable Prevailing Wage Rates

- 1. If this project is over \$50,000 then it is subject to the Oregon prevailing wage Rate law (BOLI), and the Contractor shall pay the wage rate and fringe benefits listed in the Bureau of Labor and Industries publication, and/or any amendments, last published prior to the time of Bid Opening, which are incorporated herein by reference and can be accessed and downloaded at BOLI's website at: http://www.oregon.gov/boli/WHD/PWR/Pages/pwr_state.aspx.
- 2. All prevailing wage rates that apply to the project must be posted at the job site. Every contractor on the site is responsible for this posting. ORS 279C.840(4) & OAR 839-025-0033(1)
- 3. All contracts and subcontracts for this project must include a provision that each worker in each trade or occupation employed in the performance of the contract either by the contractor, subcontractor or other person doing or contracting to do or contracting for the whole or any part of the work on the contract, must be paid not less than the applicable state prevailing rate of wage. ORS 279C.838

b. Certified Payroll Filing Requirements

- 1. Every employer on a covered project must file certified payroll records with the contracting agency. Certified statements for each week during which the Contractor or Subcontractor employs a worker upon the public work shall be submitted once a month, by the fifth business day of the following month. Information submitted on certified statements may be used only to ensure compliance with the provisions of ORS 279C.845 to 279C.860.

c. Certified Payroll Form

- 1. To help employers satisfy the filing requirement, Form WH-38 is included in each PWR rate book. BOLI does not require contractors to use this form, but contractors must supply all information the form requests and this information must be certified.

Employers using their own forms or reports can comply with the certification requirement by attaching and completing a copy of the certification from the WH-38 form to their filing.

Employers must submit the hours worked each day by each employee, his or her name, address, the pay rate, work classification, gross pay to the employee and the amount contributed to any third party fringe benefits (and the type of benefit provided).

To meet filing requirements, the employer must sign the certified payroll to confirm that the information is true and complete. Unsigned reports do not satisfy the filing requirement. Submitting false or incomplete information can be the basis for civil penalties or debarment.

The Contractor and subcontractors shall preserve the certified statements for a period of three (3) years from the completion of the contract.

d. Certified Payroll Retainage

1. As required in ORS 279C.845, the County will retain 25% of any amount earned by the Contractor on the project until the Contractor has filed the certified statements required in ORS 279C.845 or in FHWA Form 1273. The County will pay to the Contractor the amount retained within 14 days after the Contractor files the required certified statements, regardless of whether a subcontractor has failed to file certified statements.
2. As required in ORS 279C.845, the Contractor shall retain 25% of any amount earned by a first tier subcontractor on the project until the first tier subcontractor has filed with the County the certified statements required in ORS 279C.845 or FHWA Form 1273. Before paying any amount retained, the Contractor shall verify that the first tier subcontractor has filed the certified statement. Within 14 days after the first tier subcontractor files the required certified statement the Contractor shall pay the first tier subcontractor any amount retained.

e. Public Works Bond

1. The Contractor and all subcontractors working on this project are required to file a Public Works Bond for \$30,000 with the Construction Contractors Board (CCB) pursuant to ORS 279C.836, unless specifically exempt under ORS 279C.836 (7), (8), or (9). ORS 279C.836 (7) addresses exclusions for certified disadvantaged, minority, women or small business enterprises; ORS 279C.836 (8) exempts projects with contract prices less than \$100,000; and ORS 279C.836 (9) addresses exclusions due to emergencies made in accordance with rules adopted under ORS 279A.065. This bond must be filed prior to starting work on this project and remain in effect continuously; being renewed as required by the surety or if depleted due to a wage claim. The Contractor must verify their subcontractors have filed the bond with the CCB.
11. Contractor shall provide documentation that an employee drug testing program is in place when this project is subject to the applicable Oregon Prevailing Wage Rate.
12. Contractor shall agree to defend, indemnify, and hold harmless the County, its officers, agents, and employees from damages arising out of the tortious acts of the Contractor, its officers, agents, and employees acting within the scope of their employment and duties in performance of this agreement subject to the limitations and conditions of the Oregon Tort Claims Act, ORS 30.260 through 30.300, and the Oregon Constitution, Article XI, Section 7.
13. Monies due to the Contractor under and by virtue of this Contract may be returned for the use of the County; or, in case no money is due, his surety may be held until such suit or suits, action or actions, claim or claims for injuries or damages as aforesaid shall have been settled and suitable evidence to that effect furnished to the County; except that money due the Contractor will not be withheld when the Contractor produces satisfactory evidence that he is adequately protected by public liability and property

damage insurance.

14. Contractor shall maintain at all times commercial general liability insurance, property damage insurance, and medical/professional malpractice if applicable, covering its activities and operations under this Agreement.

Contractor shall add Marion County, its officers/officials, agents, employees, and volunteers as additional insureds for general liability and property damage insurance coverage and a **separate** written endorsement shall be issued by the company showing Marion County as an Additional Insured and Notice of Cancellation as set forth in the policy. Such insurance shall be in the forms and amounts not less than set forth in ORS 30.260 – 30.300, or in the forms and amounts not less than set forth in subsection 00170.70 of the Standard Specifications and Special Provision, whichever is greater. Minimum limits required for medical/professional malpractice \$1,000,000. All insurance shall be evidenced by a Certificate of Insurance and Endorsement provided to the County, indicating coverages, limits and effective dates, by an insurance company licensed to do business in the State of Oregon.

County, pursuant to applicable provisions of ORS 30.260 to 30.300, maintains a self-insurance program that provides property damage and personal injury coverage.

Contractor shall obtain and maintain at all times during the term of this contract, workers' compensation insurance with statutory limits and employers' liability insurance. The Contractor shall provide the County with evidence that it is a carrier-insured or self-insured employer in full compliance with the requirements of ORS Chapter 656, or that it employs no persons subject to the requirements of ORS 656, Workers' Compensation Coverage.

15. In consideration of the faithful performances of all of the obligations, both general and special, herein set out and in consideration of the faithful performance of the work as set forth in this Contract, the applicable plans, general provisions, Bid Proposal, and all general and detailed specifications and plans which are a part hereof, and in accordance with the directions of the County and to its satisfaction, the County agrees to pay to the Contractor the amount earned, as determined from the actual quantities of work performed and the prices and other basis of payment specified, and taking into consideration any amounts that may be deductible and under the terms of the Contract and to make such payments in the manner and at the time provided in the applicable instructions to bidders or special specifications, and the schedule of contract prices.
16. In the event the Board of Commissioners of the County reduces, changes, eliminates, or otherwise modifies the funding for any of the services identified, the Contractor agrees to abide by any such decision, including termination of service.
17. Contractor agrees to guarantee all work under this contract for a period of 1 (one) year from the date of final acceptance thereof.
18. That if any unsatisfactory condition or damage develops within the time of this guarantee due to materials or workmanship which were defective, inferior, or not in accordance with the contract Contractor agrees, whenever notified by the County, to immediately place such guaranteed work in a condition satisfactory to the County and make repairs of all damage made necessary in the fulfillment of the guarantee.
19. This contract may be increased by twenty (20) percent over the original contract amount to include additional work for the projects specified in the contract, upon mutual agreement of both parties.
20. The County delegates to the Marion County Engineer the authority and responsibility for issuing approvals, providing notices, receiving notices, issuing directives, authorizing change orders, and avoiding and resolving disputes.

IN WITNESS WHEREOF, the parties hereto have subscribed their names and affixed their respective official seals, the day and year first above written.

MARION COUNTY SIGNATURE:

BOARD OF COMMISSIONERS

Chair Date

Commissioner Date

Commissioner Date


Authorized Signature: _____
Department Director or designee Date

Authorized Signature: _____
Chief Administrative Officer Date

Reviewed by Signature: _____
Marion County Legal Counsel Date

Reviewed by Signature: _____
Marion County Contracts & Procurement Date

NORTH SANTIAM PAVING CO. SIGNATURE:

Authorized Signature:  5/8/19
Date

Title: Vice President

MARION COUNTY PUBLIC WORKS
SPECIAL PROVISIONS
FOR
WINTERCREEK ROAD RECONSTRUCTION

MARION COUNTY, OREGON
ADVERTISEMENT DATE – March 13, 2019
BID OPENING DATE – April 2, 2019

ORPIN OPPORTUNITY NO.
ECMS CONTRACT NO. 2019-201
ACCOUNTING PROJECT NO. 104447

MARION COUNTY BOARD OF COMMISSIONERS

Kevin Cameron	Commissioner
Sam Brentano	Commissioner
Colm Willis	Commissioner

Brian Nicholas, Director of Public Works



EXPIRES 12-31-2020

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FINAL PLAN SET

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- B-2 – TYPICAL SECTIONS
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- E-1 – PILCHER DRIVEWAY MODIFICATION

INTRODUCTION

1.1 Description of Work

The reconstruction of Wintercreek Road SE as called for in the Plans and Specifications and such additional Incidental Work as requested by the Engineer.

1.2 Time and Place of Receiving Bids

Submit Bids as specified in 00120.45 by **2:00 p.m. on April 2, 2019, to Tim Beaver, Contract Specialist c/o the Receptionist at Marion County Public Works, 5155 Silverton Road NE Salem, Oregon 97305-3802.** Bids submitted after the time set for receiving Bids will not be opened or considered.

Bids will be opened and read in Building #1 at Marion County Public Works, 5155 Silverton Road NE Salem, Oregon, immediately following Bid closing. Bid results will be distributed via the Oregon Procurement Information System (ORPIN) by 10:00 a.m. the next business day.

1.3 Time for Completion of Work

Complete all Work to be done under the contract not later than **August 9, 2019.**

1.4 Project Information

Information pertaining to this Project may be obtained from the following persons at Marion County Public Works, 5155 Silverton Road NE, Salem, Oregon 97305-3802:

<u>Name</u>	<u>Phone No.</u>	<u>Email</u>
Tina Powell	503-588-5036	TMPowell@co.marion.or.us
Bob Pankratz, PE	503-588-5036	BPankratz@co.marion.or.us
Brian Nicholas, PE	503-588-5036	BNicholas@co.marion.or.us

1.5 Bid Surety

No bid shall be considered unless it is accompanied by a surety bond, cashier's check, certified check, or irrevocable letter of credit by an insured institution, as defined in ORS 706.008, of the bidder in the amount of ten percent (10%) of the bid.

The county shall return the bid security to all bidders upon the execution of the contract. The county shall retain bid security if a bidder who is awarded a contract fails to promptly and properly execute the contract.

1.6 Applicable Standard Specifications

The Standard Specifications applicable to the Work on this Project are the 2018 Oregon Standard Specifications for Construction, Parts 00200 through 03000, published by the Oregon Department of Transportation (ODOT) and available for download on the ODOT website at:
http://www.oregon.gov/ODOT/HWY/SPECS/Pages/standard_specifications.aspx.

The General Conditions applicable to the Work on this Project are the General Conditions for Construction for Marion County, Part 00100, available for download on the Marion County website at:
<http://www.co.marion.or.us/PW/Engineering/Pages/default.aspx>.

The Special Provisions applicable to the Work on this Project are enclosed in this Invitation To Bid (ITB). The Special Provisions shall be understood to supersede the Standard Specifications and General Conditions by modification and/or supplement. All number references in the Special Provisions shall be understood to refer to the section or subsection of the Standard Specifications or General Conditions bearing like numbers.

Bid documents are also available for viewing at the Marion County Public Works Department, Building 1, 5155 Silverton Road NE, Salem, OR 97305.

1.7 Time Limit of Unsettled Disputes

No action, suit or other legal proceedings shall be maintained by any party thereto against another party hereto upon any claim or cause of action arising out of the Contract or breach thereof or anything done in connection therewith unless commenced within one (1) year of the Final Acceptance of Work under this Contract. All claims or causes of action in any way resulting from this Contract shall be deemed barred unless action or suit thereon shall have been commenced within such time.

1.8 Contract Expiration Date

Contract 2019-201 expires on August 2, 2020.

1.9 Compliance with Oregon Revised Statutes

The Contractor must comply with all of the Oregon Revised Statutes for Public Works Contracts.

The Project is subject to the applicable Oregon prevailing wage rate law (BOLI) and any amendments last published prior to the advertisement date listed on the bid document cover page. It is not subject to the Davis Bacon act. See detailed requirements in the sample contract.

1.10 Funding

This project is locally funded.

1.11 Mandatory Submission Forms

The following forms must be completed, signed and returned with the Bidder's submission package.

1. Bid Schedule
2. Organization Identification/Responsibility
3. Experience/References
4. Bid Proposal
5. Bid Bond
6. Drug and Alcohol Testing Policy Certification
7. First-Tier Subcontractor Disclosure Form (within 2 hours of Bid closing)

The County shall consider the Bid of any Contractor that does not include the identified forms in this section to be non-responsive. A non-responsive bid will not be considered for award.

**Marion County Public Works
WINTERCREEK ROAD CONSTRUCTION
BID SCHEDULE
CONTRACT NUMBER 2019-201
April 2, 2019**

PROJECT NUMBER 2019-201

PROJECT ITEM	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	AMOUNT
1.800	HMAC MATERIAL PRICE ADJUSTMENT	0.00	As Authorized	\$1.00	
210.100	MOBILIZATION	1.00	Lump Sum	\$64,200.25	\$64,200.25
225.050	TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC	1.00	Lump Sum	\$10,000.00	\$10,000.00
225.070	TEMPOARY SIGNS	467.00	Square Foot	\$30.00	\$14,010.00
225.114	TEMPORARY BARRICADES, TYPE III	17.00	Each	\$130.00	\$2,210.00
225.276	TEMPORARY REMOVABLE TAPE	360.00	Foot	\$1.50	\$540.00
225.450	PORTABLE CHANGEABLE MESSAGE SIGNS	4.00	Each	\$3,650.00	\$14,600.00
225.490	FLAGGERS	684.00	Hour	\$45.00	\$30,780.00
225.495	TRAFFIC CONTROL SUPERVISOR	6.00	Each	\$215.00	\$1,290.00
225.510	PILOT CARS	168.00	Hour	\$35.00	\$5,880.00
280.100	EROSION CONTROL	1.00	Lump Sum	\$1,750.00	\$1,750.00
280.165	CHECK DAMS, TYPE 3	10.00	Each	\$100.00	\$1,000.00
280.195	INLET PROTECTION, TYPE 7	2.00	Each	\$65.50	\$131.00
280.430	SEDIMENT FENCE, UNSUPPORTED	520.00	Foot	\$2.00	\$1,040.00
290.100	POLLUTION CONTROL PLAN	1.00	Lump Sum	\$215.00	\$215.00
305.100	CONSTRUCTION SURVEY WORK	1.00	Lump Sum	\$8,750.00	\$8,750.00
320.100	CLEARING AND GRUBBING	1.00	Lump Sum	\$8,700.00	\$8,700.00
330.100	GENERAL EXCAVATION	1.00	Lump Sum	\$40,000.00	\$40,000.00
330.202	GENERAL EXCAVATION TO A NOMINAL DEPTH OF 3"	27,475.00	Foot	\$0.55	\$15,111.25
350.205	PAVEMENT FIBERGLASS GEOGRID	1,135.00	Square Yard	\$7.30	\$8,285.50
390.101	LOOSE RIPRAP, CLASS 50	3.50	Ton	\$250.00	\$875.00
390.161	LOOSE RIPRAP, CLASS 700	2.50	Ton	\$350.00	\$875.00
405.810	SELECTED GENERAL BACKFILL	1.00	Lump Sum	\$2,000.00	\$2,000.00
445.132	10" CULVERT PIPE	154.00	Foot	\$33.00	\$5,082.00
445.158	18" CULVERT PIPE	46.00	Foot	\$105.00	\$4,830.00
445.161	EXTRA FOR 18" PIPE 5 TO 10 FEET DEEP	46.00	Foot	\$10.00	\$460.00
470.370	CONCRETE MONUMENT BOXES	1.00	Each	\$600.00	\$600.00
470.395	CONCRETE INLETS, TYPE G-1, TYPE 1 GRATE	1.00	Each	\$1,750.00	\$1,750.00
470.410	CONCRETE DITCH INLETS, TYPE D, TYPE 1 GRATE	1.00	Each	\$1,750.00	\$1,750.00

510.200	STRUCTURE EXCAVATION	860.00	Cubic Yard	\$12.00	\$10,320.00
510.500	GRANULAR WALL BACKFILL	1,475.00	Ton	\$29.35	\$43,291.25
510.650	GRANULAR STRUCTURE BACKFILL	495.00	Ton	\$46.00	\$22,770.00
596.370	RETAINING WALL, PREFABRICATED MODULAR CONCRETE BLOCK	6,563.50	Square Feet	\$47.00	\$308,484.50
620.110	COLD PLANE PAVEMENT REMOVAL, BUTT JOINTS	370.00	Square Yard	\$14.30	\$5,291.00
620.120	COLD PLANE PAVEMENT REMOVAL, INLAY	3,670.00	Square Yard	\$3.75	\$13,762.50
620.221	COLD PLANE PAVEMENT REMOVAL, 3" DEEP	2,360.00	Square Yard	\$5.75	\$13,570.00
641.120	2 1/2" -0 AGGREGATE BASE	225.00	Ton	\$25.70	\$5,782.50
641.160	AGGREGATE BASE	2,551.00	Ton	\$20.50	\$52,295.50
641.190	AGGREGATE SHOULDERS	3,500.00	Ton	\$23.50	\$82,250.00
738.200	SAFETY EDGE	1.00	Lump Sum	\$850.00	\$850.00
745.421	LEVEL 3, 3/8" DENSE, PG 64-22, ACP IN LEVELING	2,215.00	Ton	\$67.00	\$148,405.00
745.451	LEVEL 3, 1/2" DENSE, PG 64-22, ACP	8,800.00	Ton	\$56.70	\$498,960.00
745.481	LEVEL 3, 1/2" DENSE, PG 64-22, ACP IN BASE PLUG	880.00	Ton	\$80.00	\$70,400.00
749.100	EXTRA FOR ASPHALT DRIVEWAY APPROACHES	8.00	Each	\$400.00	\$3,200.00
749.150	EXTRA FOR ASPHALT ROAD CONNECTIONS	4.00	Each	\$1,600.00	\$6,400.00
810.110	GUARDRAIL, TYPE 3	780.00	Foot	\$40.00	\$31,200.00
810.250	GUARDRAIL TRANSITION	2.00	Each	\$5,400.00	\$10,800.00
810.370	GUARDRIAL TERMINALS, NON-FLARED, TEST LEVEL 3	2.00	Each	\$4,100.00	\$8,200.00
820.100	CONCRETE BARRIER	225.00	Foot	\$49.00	\$11,025.00
820.150	CONCRETE BARRIER, STANDARD, TERMINAL	1.00	Each	\$1,620.00	\$1,620.00
820.200	CONCRETE BARRIER, TALL	263.00	Foot	\$71.25	\$18,738.75
820.250	CONCRETE BARRIER, TALL, TERMINAL	1.00	Each	\$1,625.00	\$1,625.00
1030.101	PERMANENT SEEDING	1.00	Lump Sum	\$3,900.00	\$3,900.00
1070.100	SINGLE MAILBOX SUPPORTS	14.00	Each	\$350.00	\$4,900.00
1070.200	MULTIPLE MAILBOX SUPPORTS	3.00	Each	\$550.00	\$1,650.00
1070.300	MAILBOX CONCRETE COLLARS	3.00	Each	\$80.00	\$240.00
1070.650	MAILBOX, LOCKING, WITH NUMBERS	3.00	Each	\$160.00	\$480.00
9999.412	TEMPORARY CENTERLINE DELINEATION	9,330.00	Each	\$0.50	\$4,665.00

CONTRACT 2019-201 - TOTAL EXTENSION

\$1,631,791.00

ORGANIZATION IDENTIFICATION/RESPONSIBILITY

MARION COUNTY
WINTERCREEK ROAD RECONSTRUCTION
ECMS Nos. 2019-201

ORGANIZATION NAME: NORTH SANTIAM PAVING Co
PRINCIPAL: RONALD R. BOCHSKE, PRESIDENT
Name / Title
ADDRESS: P.O. BOX 514, STATION, OR 97383
TELEPHONE: 503-769-3436

The information provided in this form is part of the County's inquiry concerning proposer responsibility pursuant to ORS 279B.110 for general procurement of goods and services. Please print clearly or type.

Answer all questions. Submission of a form with unanswered questions, incomplete or illegible answers may result in a finding that you are not a responsible proposer. This document will become part of your response to the solicitation and will be subject to Oregon Public Records laws. Any information that may be considered confidential must be marked according to instructions in the solicitation document.

Submit completed form with other proposal forms as specified in Solicitation Document.

1. Is your company a Resident Oregon Bidder/Proposer as defined in ORS 279A.120?
 Resident Non-resident

Note: "Resident bidder" means a bidder that has paid unemployment taxes or income taxes in the state of Oregon during the 12 calendar months immediately preceding submission of the bid, has a business in this state and has stated in the bid whether the bidder is a "resident bidder". (ORS 279A.120(1)(b)).

2. During the past five years, has a judgment ever been made against the Firm for breach of contract?
 Yes No

If yes, explain. _____

3. Has your firm ever been at any time in the last ten years the debtor in a bankruptcy case?
 Yes No

If yes, explain. _____

4. Does your firm have any outstanding judgments pending against it? Yes No

If yes, List court cases. _____

5. Have you or any of your affiliates discontinued business operations with outstanding debts?
 Yes No

If yes, explain. _____

Declaration and Signatures

The undersigned hereby declares that he or she is duly authorized to complete and submit this Organization/Responsibility Form and that the statements contained herein are true and correct as of the date set forth below. Incomplete, incorrect or misleading information will be reason for a determination by the County of non-responsibility.

Date: APRIL 2, 2019
By: [Signature]
(Signature of authorized official)
Name: RONALD R. BOCHSLEN
(Please type or print)
Title: PRESIDENT
(Please type or print)
For: NORTH SANITARIUM PAVING CO
(Firm's name) (Please type or print)

Business Organization: (Check one)

- | | |
|---|--|
| <input checked="" type="checkbox"/> Corporation | <input type="checkbox"/> Limited Liability Company |
| <input type="checkbox"/> Partnership | <input type="checkbox"/> Sole Proprietor |
| <input type="checkbox"/> Joint Venture | <input type="checkbox"/> Other _____ |

EXPERIENCE / REFERENCES

Current Contracts in Force/Previous Experience – minimum of three required of similar nature with public sector work.

Contract #1	Airport Rd / Russell Dr Improvements
Location (city/state)	Lebanon, Oregon
Owners Name	City of Lebanon
Type of Work	Road extension and improvements
% Completed	100%
Est. Completion Date	December 2017

Contract #2	Benton County Overlays
Location (city/state)	Benton County
Owners Name	Benton County
Type of Work	Pavement removal and replacement
% Completed	100%
Est. Completion Date	October 2017

Contract #3	ODOT Region 2 Paving
Location (city/state)	Various
Owners Name	ODOT Region 2
Type of Work	Pavement removal and replacement
% Completed	On-going
Est. Completion Date	Expires 2020

References – minimum of two project owner references and two subcontractor references. References may be contacted to discuss submitting contractor's qualifications.

#1 Project Owner Reference

Reference Name	Gaylan Morris
Business or Employer	City of Lebanon
Telephone	(541) 258-4276
Project Name/\$ Amount	Airport Rd / Russell Dr Extension - \$2.8 Million

#2 Project Owner Reference

Reference Name	Jeff Shambaugh
Business or Employer	ODOT Region 2
Telephone	(503) 986-5764
Project Name/\$ Amount	Region 2 Bridge Paving - \$1.4 Million

#1 Subcontractor Reference

Reference Name	Scott Plummer
Business or Employer	HP Civil Inc.
Telephone	(971) 304-5466
Project Name/\$ Amount	OR22: Willamette River-Center St Bridge Deck Overlay

#2 Subcontractor Reference

Reference Name	Jed Smith
Business or Employer	Pacific Excavation Inc.
Telephone	(541) 554-7424
Project Name/\$ Amount	Steelhammer Road Improvements

BID PROPOSAL

The Honorable Board of
County Commissioners
Marion County Courthouse
Salem, Oregon 97301

Gentlemen:

The Undersigned, hereinafter called the Bidder, declares that the only person or parties interested in this Bid Proposal are those named herein; that this Bid Proposal is in all respects fair and without fraud; that it is made without collusion with any official or employee of the County, and the Bid Proposal is made without any connection or collusion with any person making another proposal on this Contract.

The Bidder further declares that he has carefully examined the Specifications and other proposed Contract Documents; that he personally has made an examination of the site of the proposed work and has made the necessary investigations to determine the conditions to be encountered independently of the indications in the Specifications. The applicable Standard Specifications, General Specifications, the Special Specifications, and Technical Specifications and the other Contract Documents bound herewith are by reference a part of this bid proposal.

The Bidder further agrees to accept as full payment for the work herein proposed or the materials to be furnished the amount computed as determined by the provisions of the Special Specifications and based on the following Bid Proposal, it being expressly understood that the unit prices listed are independent of the exact quantities involved, where unit prices apply.

The Bidder further agrees that the provisions required by ORS 279C.840 shall be included in his Contract.

The name of the Bidder who is submitting this Bid Proposal is:

Company:

NORTH SAHTIAM PAVING Co
(Print or Type)

Address:

P.O. BOX 516
(Print or Type)

City, State Zip

STAYTON, OR 97383
(Print or Type)

which address is the address to which all communications considered with this Bid Proposal and with the Contract shall be sent.

The names of the principal officers of the corporation submitting this Bid Proposal or of the partners, if the Bid Proposal is submitted by a partnership, or of all persons interested in this Bid Proposal as principals, are as follows:

RONALD R. BOCHSLER, PRESIDENT

PETE Sipes Vice President G.M.

Dated this 2nd day of APRIL, 2019.

Construction Contractor's
Board Registration Number

53247

NORTH SANTIAM PAUING Co
Firm Name

[Signature]
Signature of Bidder

RONALD R. BOCHSLER
Name Print or Type

PRESIDENT
Title Print or Type

Telephone No. 503.769.3436

Tax ID # 93-0627896

The Bidder submitting this proposal certifies that they are are not , a resident bidder of the State of Oregon as defined in ORS 279A.120.

BID BOND

KNOW ALL PERSONS BY THESE PRESENTS, that North Santiam Paving Co
 _____, hereinafter called the Principal, and
Federal Insurance Company
 _____, a Corporation organized and existing under and
 by virtue of the laws of the state Indiana
 _____ duly authorized to do surety business in the
 State of Oregon as Surety, are held and firmly bound unto Marion County hereinafter called the County, in the
 penal sum of Ten Percent of Bid Amount
 _____ Dollars (\$10% of Amount Bid), for
 the payment of which, well and truly to be made, we bind ourselves, our heirs, executors, administrators,
 successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS BOND IS SUCH THAT, WHEREAS, the Principal herein is herewith submitting his
 or its Bid Proposal for Wintercreek Road Reconstruction
 _____ said Bid Proposal, by
 reference thereto, being hereby made a part hereof.

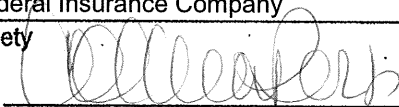
NOW THEREFORE, if the said Bid Proposal submitted by the said Principal be accepted, and the Contract be
 awarded to said Principal, and if the said Principal shall execute the proposed Contract as required by the
 bidding and the Contract Documents within the time set by said Documents, then this obligation shall be void.
 If the Principal shall fail to execute the proposed Contract, the Surety hereby agrees to pay to the County the
 penal sum as liquidated damages.

Signed and sealed this 21st day of March, 2019.

North Santiam Paving Co
 Principal

By:  _____

Federal Insurance Company
 Surety

By:  _____
 Attorney-in-Fact Colleen Perkins

A certified copy of the Agent's
 Power-of-Attorney must be
 Attached hereto.

Power of Attorney

Federal Insurance Company | Vigilant Insurance Company | Pacific Indemnity Company

Know All by These Presents, That FEDERAL INSURANCE COMPANY, an Indiana corporation, VIGILANT INSURANCE COMPANY, a New York corporation, and PACIFIC INDEMNITY COMPANY, a Wisconsin corporation, do each hereby constitute and appoint Deborah D. Ford-Bates of Lebanon, Oregon; Colleen Perkins of Stayton, Oregon;

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than bail bonds) given or executed in the course of business, and any instruments amending or altering the same, and consents to the modification or alteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY have each executed and attested these presents and affixed their corporate seals on this 21st day of May, 2018.

Dawn M. Chloros

Dawn M. Chloros, Assistant Secretary

Stephen M. Haney

Stephen M. Haney, Vice President



STATE OF NEW JERSEY

County of Hunterdon

ss.

On this 21st day of May, 2018 before me, a Notary Public of New Jersey, personally came Dawn M. Chloros, to me known to be Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY, the companies which executed the foregoing Power of Attorney, and the said Dawn M. Chloros, being by me duly sworn, did depose and say that she is Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY and knows the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of said Companies; and that she signed said Power of Attorney as Assistant Secretary of said Companies by like authority; and that she is acquainted with Stephen M. Haney, and knows him to be Vice President of said Companies; and that the signature of Stephen M. Haney, subscribed to said Power of Attorney is in the genuine handwriting of Stephen M. Haney, and was thereto subscribed by authority of said Companies and in deponent's presence.

Notarial Seal



KATHERINE J. ADELAAR
NOTARY PUBLIC OF NEW JERSEY
No. 2318885
Commission Expires July 16, 2019

Katherine J. Adelaar
Notary Public

CERTIFICATION

Resolutions adopted by the Boards of Directors of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY on August 30, 2016:

"RESOLVED, that the following authorizations relate to the execution, for and on behalf of the Company, of bonds, undertakings, recognizances, contracts and other written commitments of the Company entered into in the ordinary course of business (each a "Written Commitment"):

- (1) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized to execute any Written Commitment for and on behalf of the Company, under the seal of the Company or otherwise.
(2) Each duly appointed attorney-in-fact of the Company is hereby authorized to execute any Written Commitment for and on behalf of the Company, under the seal of the Company or otherwise, to the extent that such action is authorized by the grant of powers provided for in such person's written appointment as such attorney-in-fact.
(3) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized, for and on behalf of the Company, to appoint in writing any person the attorney-in-fact of the Company with full power and authority to execute, for and on behalf of the Company, under the seal of the Company or otherwise, such Written Commitments of the Company as may be specified in such written appointment, which specification may be by general type or class of Written Commitments or by specification of one or more particular Written Commitments.
(4) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized, for and on behalf of the Company, to delegate in writing to any other officer of the Company the authority to execute, for and on behalf of the Company, under the Company's seal or otherwise, such Written Commitments of the Company as are specified in such written delegation, which specification may be by general type or class of Written Commitments or by specification of one or more particular Written Commitments.
(5) The signature of any officer or other person executing any Written Commitment or appointment or delegation pursuant to this Resolution, and the seal of the Company, may be affixed by facsimile on such Written Commitment or written appointment or delegation.

FURTHER RESOLVED, that the foregoing Resolution shall not be deemed to be an exclusive statement of the powers and authority of officers, employees and other persons to act for and on behalf of the Company, and such Resolution shall not limit or otherwise affect the exercise of any such power or authority otherwise validly granted or vested."

I, Dawn M. Chloros, Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY (the "Companies") do hereby certify that

- (i) the foregoing Resolutions adopted by the Board of Directors of the Companies are true, correct and in full force and effect,
(ii) the Companies are duly licensed and authorized to transact surety business in all 50 of the United States of America and the District of Columbia and are authorized by the U.S. Treasury Department; further, Federal and Vigilant are licensed in the U.S. Virgin Islands, and Federal is licensed in Guam, Puerto Rico, and each of the Provinces of Canada except Prince Edward Island; and
(iii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Whitehouse Station, NJ, this March 21, 2019



Dawn M. Chloros

Dawn M. Chloros, Assistant Secretary

IN THE EVENT YOU WISH TO VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT:
Telephone (908) 903-3493 Fax (908) 903-3656 e-mail: surety@chubb.com

DRUG & ALCOHOL TESTING POLICY CERTIFICATION

Has your firm established and implemented a drug and alcohol policy and testing program that complies with ORS 279C.505 for public improvement contracts?

 X Yes No

I hereby certify that the information provided on this form is true and accurate to the best of my knowledge.

Please print or type:

Company Name NORTH SANTIAM PAVING Co

Name/Title RONALD R. BOCHSLER, PRESIDENT

Address P.O. BOX 516, STAYTON, OR 97383

Signature <u> [Handwritten Signature] </u>
Date <u> APRIL 2, 2019 </u>

FIRST-TIER SUBCONTRACTOR DISCLOURE FORM

Project Name: WINTER Creek ROAD RECONSTRUCTION
 Bid Closing: _____ Date: April 2, 2019 Time: 2:00 PM

Criteria for disclosure of first tier subcontractors:

- A bidder shall submit to the County within two (2) working hours after the date and time of the deadline when the bids are due to the County, a disclosure of any first tier subcontractor(s) that will be furnishing labor or labor and materials in connection with the public improvement and whose contract value is equal to or greater than:
 - Five percent (5%) of the total project bid or \$15,000, whichever is larger; or \$350,000 regardless of the percentage of the total project bid.
- The undersigned, if awarded the contract, intends to subcontract certain portions of said contract in accordance with the following schedule:
 - There are no first tier subcontractors for this public improvement project.
 - This public improvement project is estimated to be under \$100,000 and does not require disclosure of first tier subcontractors.
 - Disclosure required as follows:

List below the name of each subcontractor that will be furnishing labor or labor and materials and that is required to be disclosed, the category of work that the subcontractor will be performing and the dollar value of the subcontract. This disclosure does not include subcontractors providing materials only. (Attach additional sheets if needed.) Enter "NONE" if there are no subcontractors that need to be disclosed.

Subcontractor Name/Address	Category of Work	Dollar Value
<u>None</u>		
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Form submitted by: (bidder Signature) [Signature]
 Company Name: NORTH SAN JUAN PAVING Date: April 2, 2019
 Contact Phone Number: 503-769-3436

THIS DOCUMENT MUST BE COMPLETED, SIGNED, AND SUBMITTED IN ACCORDANCE WITH GENERAL INSTRUCTIONS SECTION, REGARDLESS OF DOLLAR AMOUNT OF PROJECT. THE COUNTY SHALL CONSIDER THE BID OF ANY CONTRACTOR THAT DOES NOT SUBMIT A SUBCONTRACTOR DISCLOSURE TO BE NON-RESPONSIVE. A NON-RESPONSIVE BID WILL NOT BE CONSIDERED FOR AWARD.

PERFORMANCE BOND

(NOTE: CONTRACTOR MUST USE THIS FORM, NOT A SURETY COMPANY FORM)

KNOW ALL PERSONS BY THESE PRESENTS:

We the Undersigned North Santiam Paving Co. as PRINCIPAL (hereinafter called CONTRACTOR) and Federal Insurance Company a corporation organized and existing under and by virtue of the laws of the state of Indiana, and duly authorized to do surety business in the state of Oregon and named on the current list of approved surety companies acceptable on federal bonds and conforming with the underwriting limitations as published in the Federal Register by the audit staff of the Bureau of Accounts and the U.S. Treasury Department and is of the appropriate class for the bond amount as determined by Best's Rating System, as SURETY, hereby hold and firmly bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, to pay to MARION COUNTY, as OBLIGEE (hereinafter called MARION COUNTY), the amount of One million six hundred thirty one thousand seven hundred ninety one Dollars and zero Cents (\$1,631,791.00) in lawful money of the United States of America.

WHEREAS, the CONTRACTOR entered into a contract with MARION COUNTY dated April 30, 2019, which contract is hereunto annexed and made a part hereof, for accomplishment of the project described as follows: Wintercreek Road Reconstruction.

NOW, THEREFORE, the condition of this obligation is such that if the CONTRACTOR shall promptly, truly and faithfully perform all the undertakings, covenants, terms, conditions, and agreements of the aforesaid contract and having performed its obligations thereunder, then this obligation shall be null and void; otherwise it shall remain in full force and effect until the expiration of any statutes of limitation or repose applicable to claims against Principal arising out of said Contract or for as long as CONTRACTOR is liable under the Contract.

Whenever CONTRACTOR shall be declared by MARION COUNTY to be in default under the Contract Documents for the project described herein, the SURETY may promptly remedy the default, or shall promptly complete the project in accordance with the Contract Documents and the project Specifications with a contractor approved by MARION COUNTY. SURETY, for value received, further stipulates and agrees that all changes, extensions of time, alterations, or additions to the terms of the Contract or Specifications for Wintercreek Road Reconstruction are within the scope of the SURETY's undertaking on this bond, and SURETY hereby waives notice of any such change, extension of time, alteration or addition to the terms of the Contract or to the Work or to the Specifications. Any such change, extension of time, alteration or addition to the terms of the Contract or to the Work or to the Specifications shall automatically increase the obligation of the Surety hereunder in a like amount, provided that such increase shall not exceed twenty-five percent (25%) of the original amount of the obligation without the consent of the Surety.

This obligation shall continue to bind the PRINCIPAL and SURETY, notwithstanding successive payments made hereunder, until the full amount of the obligation is exhausted.

No right of action shall accrue on this bond to or for the use of any person or corporation other than MARION COUNTY or its heirs, executors, administrators, successors or assigns.

If more than one SURETY is on this bond, each SURETY hereby agrees that it is jointly and severally liable for obligations on this bond.

IN WITNESS WHEREOF, we have hereunto set our hands and seals this 1st day of May, 2019.

Federal Insurance Company

SURETY

By: Colleen Perkins



Title: Attorney-in-Fact

North Santiam Paving Co.

CONTRACTOR

By: Click here to enter text.



Title: Click here to enter text.



PO Box 190

Street Address

Stayton, OR 97383

City, State ZIP

503-769-7105

Phone Number

PO Box 516

Street Address

Stayton, OR 97383

City, State ZIP

503-769-3436

Phone Number

LABOR AND MATERIALS PAYMENT BOND
(NOTE: CONTRACTOR MUST USE THIS FORM, NOT A SURETY COMPANY FORM)

KNOW ALL PERSONS BY THESE PRESENTS:

We the Undersigned North Santiam Paving Co. as PRINCIPAL and Federal Insurance Company a corporation organized and existing under and by virtue of the laws of the state of Indiana, and duly authorized to do surety business in the state of Oregon and named on the current list of approved surety companies acceptable on federal bonds and conforming with the underwriting limitations as published in the Federal Register by the audit staff of the Bureau of Accounts and the U.S. Treasury Department and which carries an "A" rating and is of the appropriate class for the bond amount as determined by Best's Rating System, as SURETY, hereby hold and firmly bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, unto MARION COUNTY, as OBLIGEE, in the sum of One million six hundred thirty one thousand seven hundred ninety one Dollars and zero Cents (\$1,631,791.00) in lawful money of the United States of America, for the payment of that sum for the use and benefit of claimants as defined below.

The condition of this obligation is such that whereas the PRINCIPAL entered into a contract with MARION COUNTY dated April 30, 2019, which contract is hereunto annexed and made a part hereof, for accomplishment of the project described as follows: Wintercreek Road Reconstruction.

NOW THEREFORE, if the PRINCIPAL shall promptly make payments to all persons, firms, subcontractors, corporations and/or others furnishing materials for or performing labor in the prosecution of the Work provided for in the aforesaid Contract, and any authorized extension or modification thereof, including all amounts due for materials, equipment, mechanical repairs, transportation, tools and services consumed or used in connection with the performance of such Work, and for all labor performed in connection with such Work whether by subcontractor or otherwise, and all other requirements imposed by law, then this obligation shall become null and void; otherwise this obligation shall remain in full force and effect, until the expiration of any statutes of limitation or repose applicable to claims against Principal arising out of said Contract or for as long as CONTRACTOR is liable under the Contract, subject, however, to the following conditions:

1. A claimant is as specified in ORS 279C.600 to 279C.620.
2. The above-named PRINCIPAL and SURETY hereby jointly and severally agree with the OBLIGEE and its assigns that every claimant as above-specified, who has not been paid in full, may sue on this bond for the use of such claimant, prosecute the suit to final judgment in accordance with ORS 279C.610 for such sum or sums as may be justly due claimant, and have execution thereon. The OBLIGEE shall not be liable for the payment of any judgment, costs, expenses or attorneys' fees of any such suit.

PROVIDED, FURTHER, that SURETY for the value received, hereby stipulates and agrees that all changes, extensions of time, alterations to the terms of the Contract or to Work to be performed thereunder or the Specifications accompanying the same shall be within the scope of the SURETY's undertaking on this bond, and SURETY does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract or to the Work or to the Specifications. Any such change, extension of time, alteration or addition to the terms of the contract or to the Work or to the Specifications shall automatically increase the obligation of the SURETY hereunder in a like amount, provided that the total of such increases shall not exceed twenty-five percent (25%) of the original amount of the obligation without the consent of the SURETY.

This obligation shall continue to bind the PRINCIPAL and SURETY, notwithstanding successive payments made hereunder, until the full amount of the obligation is exhausted, or if the full amount of the obligation is not exhausted and no claim is pending resolution, until such time as no further claims can be made pursuant to law with regard to the above-described project, by any claimant specified in ORS 279C.600.

If more than one SURETY is on this bond, each SURETY hereby agrees that it is jointly and severally liable for all obligations of this bond.

IN WITNESS WHEREOF, we have hereunto set our hands and seals this 1st day of May, 2019.

Federal Insurance Company
SURETY

By: Colleen Perkins 


Title: Attorney-in-Fact

PO Box 190
Street Address

Stayton, OR 97383
City, State ZIP

503-769-7105
Phone Number

North Santiam Paving Co.
CONTRACTOR

By:  Click here to enter text.

Title: President *-vice*

PO Box 516
Street Address

Stayton, OR 97383
City, State ZIP

503-769-3436
Phone Number

Power of Attorney

Federal Insurance Company | Vigilant Insurance Company | Pacific Indemnity Company

Know All by These Presents, That FEDERAL INSURANCE COMPANY, an Indiana corporation, VIGILANT INSURANCE COMPANY, a New York corporation, and PACIFIC INDEMNITY COMPANY, a Wisconsin corporation, do each hereby constitute and appoint Deborah D. Ford-Bates of Lebanon, Oregon; Colleen Perkins of Stayton, Oregon

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than ball bonds) given or executed in the course of business, and any instruments amending or altering the same, and consents to the modification or alteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY have each executed and attested these presents and affixed their corporate seals on this 21st day of May, 2018.

Dawn M. Chloros

Dawn M. Chloros, Assistant Secretary

Stephen M. Haney

Stephen M. Haney, Vice President



STATE OF NEW JERSEY

County of Hunterdon

ss.

On this 21st day of May, 2018 before me, a Notary Public of New Jersey, personally came Dawn M. Chloros, to me known to be Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY, the companies which executed the foregoing Power of Attorney, and the said Dawn M. Chloros, being by me duly sworn, did depose and say that she is Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY and knows the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of said Companies; and that she signed said Power of Attorney as Assistant Secretary of said Companies by like authority; and that she is acquainted with Stephen M. Haney, and knows him to be Vice President of said Companies; and that the signature of Stephen M. Haney, subscribed to said Power of Attorney is in the genuine handwriting of Stephen M. Haney, and was thereto subscribed by authority of said Companies and in deponent's presence.

Notarial Seal



KATHERINE J. ADELAAR
NOTARY PUBLIC OF NEW JERSEY
No. 2310385
Commission Expires July 18, 2019

Katherine J. Adelaar
Notary Public

CERTIFICATION

Resolutions adopted by the Boards of Directors of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY on August 30, 2016:

"RESOLVED, that the following authorizations relate to the execution, for and on behalf of the Company, of bonds, undertakings, recognizances, contracts and other written commitments of the Company entered into in the ordinary course of business (each a "Written Commitment"):

- (1) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized to execute any Written Commitment for and on behalf of the Company, under the seal of the Company or otherwise.
(2) Each duly appointed attorney-in-fact of the Company is hereby authorized to execute any Written Commitment for and on behalf of the Company, under the seal of the Company or otherwise, to the extent that such action is authorized by the grant of powers provided for in such person's written appointment as such attorney-in-fact.
(3) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized, for and on behalf of the Company, to appoint in writing any person the attorney-in-fact of the Company with full power and authority to execute, for and on behalf of the Company, under the seal of the Company or otherwise, such Written Commitments of the Company as may be specified in such written appointment, which specification may be by general type or class of Written Commitments or by specification of one or more particular Written Commitments.
(4) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized, for and on behalf of the Company, to delegate in writing to any other officer of the Company the authority to execute, for and on behalf of the Company, under the Company's seal or otherwise, such Written Commitments of the Company as are specified in such written delegation, which specification may be by general type or class of Written Commitments or by specification of one or more particular Written Commitments.
(5) The signature of any officer or other person executing any Written Commitment or appointment or delegation pursuant to this Resolution, and the seal of the Company, may be affixed by facsimile on such Written Commitment or written appointment or delegation.

FURTHER RESOLVED, that the foregoing Resolution shall not be deemed to be an exclusive statement of the powers and authority of officers, employees and other persons to act for and on behalf of the Company, and such Resolution shall not limit or otherwise affect the exercise of any such power or authority otherwise validly granted or vested."

I, Dawn M. Chloros, Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY (the "Companies") do hereby certify that

- (i) the foregoing Resolutions adopted by the Board of Directors of the Companies are true, correct and in full force and effect,
(ii) the Companies are duly licensed and authorized to transact surety business in all 50 of the United States of America and the District of Columbia and are authorized by the U.S. Treasury Department; further, Federal and Vigilant are licensed in the U.S. Virgin Islands, and Federal is licensed in Guam, Puerto Rico, and each of the Provinces of Canada except Prince Edward Island; and
(iii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Whitehouse Station, NJ, this May 1, 2019



Dawn M. Chloros

Dawn M. Chloros, Assistant Secretary

IN THE EVENT YOU WISH TO VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT:
Telephone (908) 903-3493 Fax (908) 903-3656 e-mail: surety@chubb.com

SPECIAL PROVISIONS

PART 00100 – GENERAL CONDITIONS

Replace this PART of the Oregon Standard Specifications for Construction with the following:

General Conditions for Construction for Marion County, v20170127, a Supplemental Specification published by Marion County on the Marion County Public Works Engineering Division web site and included in these Special Provisions by reference.

SECTION 00110 - ORGANIZATION, CONVENTIONS, ABBREVIATIONS AND DEFINITIONS

Comply with Section 00110 of the Supplemental Specifications modified as follows.

00110.00 Organization of Specifications – In the second bullet replace “2015 Oregon Standard Specifications for Construction” with “2018 Oregon Standard Specifications for Construction”.

SECTION 00120 - BIDDING REQUIREMENTS AND PROCEDURES

Comply with Section 00120 of the Supplemental Specifications modified as follows:

00120.40(c) Bid Schedule Entries – Add the following at the end of this subsection:

The Bid Schedule contains the item “1.800 ACP Material Price Adjustment” with a unit price of \$1.00. This is a stipulated price to be used to adjust the price of the ACP items incorporated in the Work according to subsection 00195.10. The “Quantity” will be the amount of the price adjustment determined after the ACP is placed.

SECTION 00130 - AWARD AND EXECUTION OF CONTRACT

Comply with Section 00130 of the Supplemental Specifications.

SECTION 00140 - SCOPE OF WORK

Comply with Section 00140 of the Supplemental Specifications.

SECTION 00150 - CONTROL OF WORK

Comply with Section 00150 of the Supplemental Specifications modified as follows:

00150.60(a) Load and Speed Restrictions for Construction Vehicles and Equipment – Add the following bullet:

- Restrict the combined weight of construction vehicles, equipment and materials on bridges according to 00220.45.

Add the following subsection:

00150.50(c) Contractor's Responsibilities – In the first sentence in the last paragraph, replace "may adjust the Utilities" with "may have the Utilities adjusted".

00150.50 Cooperation with Utilities - Add the following subsection:

(f) Utility Information - There are no anticipated conflicts with the Utilities listed below. Contact those Utilities having buried facilities and request that they locate and mark them for their protection prior to construction.

Utility	Contact	Phone
Century Link	Marc Briese	503-983-4781
PP&L	Scott Seaton	541-979-6786
Frontier	James Andvik	503-667-9780
Wave	Tim Gettel	503-307-0029
Zayo/Level 3 Communications	Matt Oliver	925-984-3385

SECTION 00160 - SOURCE OF MATERIALS

Comply with Section 00160 of the Supplemental Specifications.

SECTION 00165 - QUALITY OF MATERIALS

Comply with Section 00165 of the Supplemental Specifications modified as follows:

00165.10(a) Field-Tested Materials – Add the following paragraph to this subsection:

Material testing will be according to Section 5 of the MFTP for a Type **D** Project.

SECTION 00170 - LEGAL RELATIONS AND RESPONSIBILITIES

Comply with Section 00170 of the Supplemental Specifications modified as follows:

00170.02 Permits, Licenses, and Taxes – Add the following bullet before the first bullet:

- Obtain a no-fee road closure permit from Marion County. Submit the application, attached to this document, to EAAnderson@co.marion.or.us.

00170.03 Furnishing Right-of-Way and Permits – Add the following bullet after the first bullet:

- ODOT Permit “To Occupy or Perform Operations Upon a State Highway”.

SECTION 00180 - PROSECUTION AND PROGRESS

Comply with Section 00180 of the Supplemental Specifications modified as follows:

Add the following subsection:

00180.40(c) Specific Limitations - Limitations of operations specified in these Special Provisions include, but are not limited to, the following:

Limitations	Subsection
Cooperation with County Crew	00150.42
Cooperation with Utilities	00150.50
Contract Completion Time	00180.50(h)
Traffic Lane Restrictions	00220.40(e)
Holidays and Special Events	00220.40(e)

Noise Control	00290.32
Maintenance Under Traffic	00620.43
Opening Sections to Traffic	00745.51

The Contractor shall be aware of and subject to schedule limitations in the Supplemental Specifications Standard Specifications that are not listed in this subsection.

00180.41 Project Work Schedules - Add the following paragraph:

The Contractor may submit either a Type “A”, Type “B” or Type “C” schedule.

00180.42 Preconstruction Conference - Replace the second sentence in the first paragraph with the following:

The meeting is to include, but not necessarily to be limited to, representatives of the following groups: Marion County Public Works, Contractor, Contractor’s quality control representative, subcontractors, and utilities.

Add the following subsection:

00180.50(h) Contract Time – Complete all Work to be done under the Contract before the elapse of the Time for Completion of Work as listed in the Introduction.

00180.85(b) Liquidated Damages – Replace the first paragraph:

Marion County will sustain damage if the Work required under the Contract is not completed within the specified Contract Time. However, it will be unduly burdensome and difficult to demonstrate the exact dollar value of such damages. Therefore, the Contractor agrees to pay to the County, not as a penalty but as liquidated damages, any or all of the following:

- (1) The amount of **\$775** for each Calendar Day used in excess of the Contract Time or adjusted Contract Time for all Work done under the Contract.

Add the following subsections:

00180.85(c) Lane Closure - Lane closures on OR-99 beyond the limits specified in the ODOT Work-in-Right of way permit will inconvenience the traveling public and will be a cost to the Agency. Therefore, the Contractor agrees to pay the Agency, not as a penalty, but as liquidated damages, **\$100** per 15 minutes, or any portion of 15 minutes, when a lane is closed beyond the limits listed in the ODOT Work-in-Right of Way permit.

Lane closures on Marion County roads beyond the limits specified in the Marion County Road Closure Permit will inconvenience the traveling public and will be a cost to the Agency. Therefore, the Contractor agrees to pay the Agency, not as a penalty, but as liquidated damages, **\$100** per 15 minutes, or any portion of 15 minutes, when a lane is closed beyond the limits listed in 00220.40(e).

00180.85(d) Road Closure – Road closure beyond the limits specified will be an inconvenience to the public and will be a cost to the Agency. Therefore the Contractor agrees to pay the Agency, not as penalty, but as liquidated damages **\$500** per day for each calendar day Wintercreek Road is closed beyond the limits specified in 00230.41.

Calendar Day amounts are applicable when the Contract Time is expressed on the Calendar Day or fixed date basis.

SECTION 00190 - MEASUREMENT OF PAY QUANTITIES

Comply with Section 00190 of the PART 00100 Supplemental Specifications modified as follows:

00190.20(f-2) Scale Without Automatic Printer - Add the following sentence after the first paragraph:

Pay costs for the weigh witness at \$40.00 per hour.

00190.20(f)(1) Scale With Automatic Printer – Delete the fourth paragraph.

00190.20(f)(3) Duties of Weigh Technician - Delete the first four bullets.

00190.20(g) Agency-Provided Weigh Technician - Add the following paragraph after the bulleted list:

Pay costs for the weigh technician at \$40.00 per hour.

SECTION 00195 - PAYMENT

Comply with Section 00195 of the PART 00100 Supplemental Specifications modified as follows:

00195.10 Payment for Changes in Materials Costs - Replace this subsection with the following subsection:

00195.10 Asphalt Cement Material Price Escalation/De-escalation - An asphalt cement escalation/de-escalation clause will be in effect during the life of the Contract.

00195.12 Steel Material Price Escalation/De-Escalation Clause – Delete this subsection and all of its subsections.

00195.13 Asphalt Cement Material Price Escalation/De-Escalation Clause – Replace this subsection, except for the subsection number and title, with the following:

Subsections 00195.13, 00195.13(a), 00195.13(b), 00195.13(c), and 00195.13(d) contain the price escalation/de-escalation clause relating to asphalt cement materials (as defined in 00195.13(d)).

The Agency reserves all of its rights under the Contract, including but not limited to, its rights for suspension of the Work under 00180.70 and its rights for termination of the Contract under 00180.90, and this escalation/de-escalation provision shall not limit those rights.

- (a) **Monthly Asphalt Cement Material Price (MACMP)** - The Monthly Asphalt Cement Material Price (MACMP) will be established by ODOT each month and will be based on the published prices of PG 64 22 asphalt cement furnished by Poten & Partners, Inc.

For information regarding the calculation of the MACMP, and for the actual MACMP, go to the ODOT website at:

http://www.oregon.gov/ODOT/HWY/ESTIMATING/Pages/asphalt_fuel.aspx#Asphalt

If the ODOT selected index ceases to be available for any reason, the Agency in its discretion will select and begin using a substitute price source or index to establish the MACMP each month. The MACMP will apply to all paving grade asphalt cement incorporated in the ACP mixture. The Agency does not guarantee that asphalt cement will be available at the MACMP.

- (b) **Base Asphalt Cement Material Price (Base)** - The Base price for this Project is the MACMP published on the ODOT website for the month immediately preceding the bid opening date.

(c) Monthly Asphalt Cement Adjustment Factor - The Monthly Asphalt Cement Adjustment Factor will be determined each month as follows:

- If the MACMP is within $\pm 5\%$ of the Base, there will be no adjustment.
- If the MACMP is more than 105% of the Base, then:
 - Adjustment = (MACMP) - (1.05% of Base)
- If the MACMP is less than 95% of the Base, then:

$$\text{Adjustment} = (\text{MACMP}) - (0.95\% \text{ of Base})$$

(d) Asphalt Cement Price Adjustment – If specified in the Special Provisions, an asphalt cement escalation/de-escalation clause will be in effect during the life of the Contract. A price adjustment will be made for the asphalt cement contained in each ACP Pay Item. The adjustment factor as calculated in 00195.13(c) above will use the MACMP for the month the asphalt is incorporated into the Project. Using the Adjustment calculated in (c), the price adjustment for Asphalt Concrete incorporated into the project for the applicable month will be determined by the following formula:

$$\text{Price Adjustment} = (\text{Adjustment}) \times (\text{Asphalt Content } (\%)) \times (\text{Tons of Asphalt Concrete Incorporated})$$

The asphalt content (%) is the asphalt content according to the approved Job Mix Formula (JMF) for the asphalt concrete placed. The price adjustment will be entered as the quantity for the item "ACP Material Price Adjustment".

SECTION 00210 - MOBILIZATION

Comply with Section 00210 of the Standard Specifications.

SECTION 00220 - ACCOMMODATIONS FOR PUBLIC TRAFFIC

Comply with Section 00220 of the Standard Specifications modified as follows:

00220.02(a) General Requirements - Add the following bullets to the end of the bullet list:

- When an abrupt edge is created by excavation, protect traffic according to the "Excavation Abrupt Edge" and the "Typical Abrupt Edge Delineation" configurations shown on the Standard Drawings. Modify the "Typical Abrupt Edge Delineation" configuration by replacing the tubular markers with temporary plastic drums on 40 foot maximum spacing along the abrupt edge.
- When paving operations create an abrupt edge, protect traffic by installing a "DO NOT PASS" (R4-1) sign before the work area at sign spacing "A" from the TCD Spacing Table" shown on the standard drawings. Alternate "ABRUPT EDGE" (CW21-7) signs with appropriate (CW21-8) rider and "DO NOT PASS" (R4-1) signs at 1/2 mile spacings. Install a "BUMP" (W8-1) sign 100 feet prior to the transverse paving edge.

00220.40(e)(1) Closed Lanes - Replace the list of bullets with the following:

- Daily, Monday through Friday, between 7:00 a.m. and 7:00 p.m.
- Saturday or Sunday, work shall be pre-approved by the Engineer.

SECTION 00225 - WORK ZONE TRAFFIC CONTROL

Comply with Section 00225 of the Standard Specifications modified as follows:

00225.02(a) Temporary Signs - Add the following to the end of this subsection:

Install two sign flag boards, as shown on the Standard Drawings, above the following detour and road closed advance warning signs.

- "WINTERCREEK RD CLOSED TO THRU TRAFFIC USE ALT ROUTE" (00) sign.
- "DETOUR AHEAD", (W20-2) sign.
- "ROAD CLOSED AHEAD", "ROAD CLOSED 1000 FT", "ROAD CLOSED 500 FT" (W20-3) signs.

When the existing centerline striping on the Wintercreek Road SE is obliterated, install the following:

- Place a "NO CENTER LINE" (W8-12) sign approximately at the beginning and end of each Project.
- Place "NO CENTER LINE" (W8-12) signs on approximately 2 mile intervals facing oncoming traffic.
- Place a "DO NOT PASS" (R4-1) signs at beginning and end of project then on approximately 1/2 mile intervals for each direction.

During pilot car operations, install a 12-by-12-inch "WAIT FOR PILOT CAR" (CR4-20a) sign in private residential driveways accessing the road within the limits of the pilot car operation. Place the sign in the driveway so it faces the private residence only and is not visible to Public Traffic on the road.

In addition to the signs, public notification (e.g. flyers, door hangers) may be used to inform the residents that may be affected by the pilot car operations and the "WAIT FOR PILOT CAR" sign.

At accesses, side roads, or residential driveways where "WAIT FOR PILOT CAR" signs are installed, do not allow traffic to be stopped or held for longer than 20 minutes. Do not use the signs during nighttime hours.

00225.41(a)(2) Regulatory Speed Zone Signs - Add the following paragraph to the end of this subsection:

For each location of the "WAIT FOR PILOT CAR" sign, closely monitor for traffic compliance, operation, and safety each hour during pilot car operations. If operational issues are observed at stopped controlled accesses or side roads utilizing the "WAIT FOR PILOT CAR" sign, remove the sign and replace it with a flagger.

00225.43(e) Pavement Markers - Replace the paragraph that begins "Unless otherwise shown..." and the three bullets with the following:

Install flexible overlay pavement markers on centerline as follows.

- Place two temporary flexible overlay pavement markers 20 feet apart on center line, or as directed.
- For a 10 foot skip line, place three single temporary flexible overlay pavement markers spaced 5 feet apart with a 30 foot gap between skip lines.
- For an 8" solid white stripe, place double pavement markers abutting each other spaced 10 feet apart.
- Position to face oncoming traffic.
- Remove and replace misaligned markers at no additional cost to the Agency.

Replace the last paragraph with the following:

Remove temporary markers from the pavement wearing course within 10 day after the placement of permanent markings. Remove temporary pavement markers without damaging the roadway surface. Flexible pavement markers may be cut within 1/8 inch of the roadway surface.

Add the following subsection:

00225.43(g)(4) Centerline Delineation – Before opening a traffic lane on a leveling course, base course and wearing course apply temporary centerline delineation.

- a. **Wearing Course** - Install flexible overlay pavement markers according to 00225.43(e).
- b. **Leveling and Base Lifts** - Install flexible overlay pavement markers or 4 x 12 inch temporary non-removable tape as the contractor elects. Install temporary flexible overlay markers according to 00225.43(e). Install temporary non-removable tape as follows:
 - Place two 4 x 6 inch pieces of temporary non-removable tape 20 feet apart on center line, or as directed.
 - For a 10 foot skip line, place three 4 x 12 inch pieces of tape 5 feet apart with a 30 foot gap between skip lines.
 - For an 8” solid white stripe, place double 4 x 12 inch pieces of tape abutting each other spaced 10 feet apart.
 - Replace damaged temporary tape at no cost to the Agency.
 - Remove temporary flexible markers between paving courses. The contractor may pave over temporary non-removable tape.
 - Remove temporary markers from the pavement wearing course within 5 days after notification the Agency has completed striping project.
 - Remove pavement markers dislocated by traffic from shoulders and drainage ditches.

00225.81 Temporary Signing - Add the following sentence to the end of the paragraph that begins "The quantities of temporary signs will...":

No measurement of quantities will be made for "CONSTRUCTION VEHICLE DO NOT FOLLOW" (CW23-14) signs.

Add the following subsection:

00225.83(c)(4) Centerline Delineation – Centerline delineation will be measured on the unit basis, by actual count. Temporary non-removable tape will be counted for each 4 by 6 inch piece of tape complete and in place. Temporary flexible markers will be counted for each marker complete and in place.

00225.84(a) Flagger Station Lighting - Replace this subsection, except for the subsection number and title, with the following:

No measurement will be made for "Flagger Station Lighting".

00225.88 Traffic Control Supervisor – Replace this subsection, except for the subsection number and title, with the following:

The quantities of TCS will be measured on the unit basis, and will be measured when a Traffic Control Inspection Report is submitted according to 00225.32 and construction requires a temporary lane closure on OR-99.

00225.93 Temporary Traffic Delineation - Add the following item at the end of the "Pay Item" list:

Pay Item	Unit of Measurement
(p) Temporary Centerline Delineation.....	EA

Item (p) includes furnishing all materials, labor, equipment and incidentals to install temporary flexible pavement markers and 4 x 12 inch sections of temporary non-removable complete and in place.

Item (p) includes temporary flexible markers having either one or two reflective faces or temporary non-removable tape.

00225.94 Work Zone Lighting - Replace this subsection with the following:

No separate or additional payment will be made for “Flagger Station Lighting” or “Temporary Illumination”.

SECTION 00230 - TEMPORARY DETOURS

Section 00230, which is not a Standard Specification, is included in this Project by Special Provision.

Description

00230.00 Scope - This work consists of constructing, maintaining, and removing detours, and for furnishing and placing all Materials, and for furnishing all Equipment, Labor, and Incidentals necessary to complete the Work as specified.

Material

00230.10 Signs – Furnish new or undamaged signs that meets industry standards.

Construction

00230.41 Closure Restrictions – Do not close the road until all materials and equipment are on hand or guaranteed to be delivered so that the work can be done in an efficient manner with a minimum period of road closure. The road closure will not be allowed until the area and the detour route are signed according to the TCP and the requirements of Section 00225.

(a) Closure Period - Wintercreek Road may be closed for a period of not more than **40 consecutive calendar days**, between Meadowood/Skelton Road SE and Greenacres Lane SE.

Provide access to local properties during the closure.

00230.41 Access and Maintenance – Provide local access and adequately maintain accommodations for the public according to 00220.60.

Finishing and Cleaning Up

00230.70 General – When the road is open to through traffic and the temporary detour is no longer required, remove all detour signs.

Measurement

00230.80 Measurement - No measurement of quantities will be made for work performed under this Section.

Payment

00230.90 Payment - No separate or additional payment will be made for work performed under this Section.

SECTION 00280 - EROSION AND SEDIMENT CONTROL

Comply with Section 00280 of the Standard Specifications modified as follows:

00280.00 Scope - Add the following paragraph to the end of this subsection:

The Agency's NPDES 1200-CA Permit is applicable to the Project.

Add the following subsection:

00280.15(f)(1) Filter Sock Material - Add the following sentence to the end of this subsection:

Furnish filter sock material with a diameter of 8 inches.

SECTION 00290 - ENVIRONMENTAL PROTECTION

Comply with Section 00290 of the Standard Specifications modified as follows:

00290.20(c)(2) Clean Fill - Add the following paragraph to the end of this subsection:

Manage all excavated soil that does not meet the definition of clean fill according to Section 00294.

00290.90 Payment - Add the following paragraph to the end of this subsection:

No separate or additional payment will be made for orange plastic mesh fencing.

SECTION 00305 - CONSTRUCTION SURVEY WORK

Section 00305, which is not a Standard Specification, is included for this Project by Special Provision.

Description

00305.00 Scope - Provide construction survey work according to these Special Provisions and the current edition on the date of Advertisement, of the ODOT "Construction Surveying Manual for Contractors". This manual is available on the web at:

http://www.oregon.gov/ODOT/ETA/Documents_Geometronics/Construction-Survey-Manual-Contractors.pdf

00305.05 3D Engineered Models - If the Contractor elects to use the 3D Engineered Models to control the work, provide unstamped 3D Construction Models according to 00150.35 which include the following:

- A detailed outline and list of the pay items and Work that will be controlled by the 3D Construction Models.
- A narrative outlining any differences between the Agency-prepared 3D Engineered Models and the 3D Construction Models.
- A copy of the 3D Construction Models that will be used by the Contractor's equipment for machine guidance or verification, that include and represent the Agency-prepared 3D Engineered Models with changes identified in the narrative. Provide files in LandXML format or as directed.

00305.20 Engineered Digital Data Exchange – Exchanges in digital data shall be in the following formats:

- Alignments (Horizontal and Vertical – LandXML alignments)
- CAD (graphics) – AutoCAD Design File (.dwg)
- Coordinates (1D, 2D, and 3D) – LandXML coordinates and Comma Separated Values Text File (.csv)
- Digital Terrain Model (DTM) – LandXML surface

Construction

00305.40 The Pre-Construction Survey – For this project, in the Construction Surveying Manual for Contractors, delete “CHAPTER 7 – THE PRE-CONSTRUCTION SURVEY.”

00305.45 Line and Grade Verification – For This project, in the Construction Surveying Manual for Contractors, delete “CHAPTER 8 - LINE AND GRADE VERIFICATION.”

00305.48 Pipes and Culverts – Stake pipes and culverts to fit field conditions. Their locations may be different from the plans. Perform the following:

- Determine the roadbed slope catch point at the inlet and outlet pipes and culverts.
- Set reference point offsets to the pipes and culverts. Record information necessary to determine structure length and end treatments.
- Stake ditches or grade to make pipe and culverts functional.
- Submit a copy of the field notes to the Engineer by the next working day following completion of the staking work.

Measurement

00305.80 Measurement - No measurement of quantities will be made for construction survey work.

Payment

00305.90 Payment - The accepted quantities of construction survey work will be paid for at the Contract lump sum amount for the item "Construction Survey Work". Submit a schedule of values the item construction survey 10 days before the starting survey work. The amount allowed for payment cannot exceed the reasonable value of the work performed.

Payment will be payment in full for furnishing all material, equipment, labor, and incidentals necessary to complete the work as specified.

No separate or additional payment will be made for any temporary protection and direction of traffic measures including flaggers and signing necessary for the performance of the construction survey work.

No separate or additional payment will be made for preparing surveying documents including but not limited to office time, preparing and checking survey notes, and all other related preparation work.

Costs incurred caused by survey errors will be at no additional cost to the Agency. Repair any damage to the Work caused by Contractor's survey errors at no additional cost to the Agency. The Engineer may make an equitable adjustment, which may decrease the Contract Amount, if the required survey work is not performed.

SECTION 00310 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS

Comply with Section 00310 of the Standard Specifications.

SECTION 00320 - CLEARING AND GRUBBING

Comply with Section 00320 of the Standard Specifications.

SECTION 00330 - EARTHWORK

Comply with Section 00330 of the Standard Specifications modified as follows:

00330.03 Basis of Performance - Add the following paragraph to the end of this subsection:

Perform all earthwork under this Section on the excavation basis.

00330.41(a)(4) Excess Materials - Replace this subsection, except for the subsection number and title, with the following:

If the quantities of excavated materials are greater than required to construct embankments and to do all filling and backfilling, the Contractor may use the remaining materials to uniformly widen embankments or to flatten slopes in a manner satisfactory to the Engineer.

00330.41(a)(5) Waste Materials - Replace this subsection, except for the subsection number and title, with the following:

Unless otherwise specifically allowed and subject to the requirements of 00280.03, dispose of materials, classed as waste materials in 00330.41(a)(3), outside and beyond the limits of the Project and Agency controlled property according to 00290.20. Do not dispose of materials on wetlands, either public or private, or within 300 feet of rivers or streams.

00330.92 Kinds of Incidental Earthwork - Add the following bullets to the end of the bullet list:

- Excess material used to widen embankments or flatten slopes according to 00330.41(a)(4).
- Earthwork required for driveways and road approaches. Earthwork for driveways and road approaches will be that which is outside the neat line limits shown on the typical sections.

00330.93 Excavation Basis Payment – For all pay items replace “Cubic Yard” with “Lump Sum”.

Add the following paragraphs to this subsection:

The estimated quantity of General Excavation is 3,055 cubic yards. The estimated quantity of Embankment in-place is 2,360 cubic yards. The Clearing and Grubbing volume has been included in the aforementioned quantities.

The Structural Excavation quantity of 860 cubic yards needed for construction of the Modular Retaining Wall is included in the General Excavation volume given above (see Section 00596B.80) and this item will be paid for on a Unit Basis.

Use all materials originating from the required excavations, as far as practical, to form embankments and subgrade.

Estimated quantities are approximate only and it will be the bidder’s responsibility to determine the actual quantities. Cross-sections for the project are available from the Engineer.

The estimated quantities shown above shall serve as a basis for adjustment of payment in the event changes in the Work are ordered by the Engineer.

SECTION 00331 - SUBGRADE STABILIZATION

Comply with Section 00331 of the Standard Specifications.

SECTION 00340 - WATERING

Comply with Section 00340 of the Standard Specifications.

00340.90 Payment – No separate or additional payment will be made for “Watering”.

SECTION 00350 - GEOSYNTHETIC INSTALLATION

Comply with Section 00350 of the Standard Specifications modified as follows:

00350.00 Scope - In the sentence, replace the word "geotextile" with the word "geosynthetics".

00350.10 Materials – In the first sentence between “..Materials” and “..meeting” add “quality compliance documentation”.

00350.41(f)(4) Sealant Application - Replace this subsection except number and title with the following:

Use either PG 64-22 or PG 70-22 sealant. Do not allow traffic on pavement geogrid. Uniformly spray asphalt sealant as follows:

Temperature:

- Recommended temperature 325°
- But not less than 300° or more than 400°

Application rates:

- On new surfaces apply at a rate of 0.15 gallon/square yard.
- On milled surfaces apply at a rate of 0.2 gallon/square yard.
- On aged or oxidized surfaces apply at a rate of 0.17 gallon/square yard.

Application Area - The target width of the tack coat application shall be pavement geogrid plus 4 inches. Apply tack coat as follows:

- Apply tack coat before installing the pavement geogrid.
- Apply coat wide enough to cover the entire width of the pavement geogrid overlaps.
- Apply the tack coat only as far in advance of the geogrid installation as appropriate to ensure a tacky surface at the time of geogrid placement.

Add the following subsection:

00350.41(f)(7) Fiberglass Pavement Geogrid – Place the pavement geogrid into the sealant by using mechanical or manual laydown equipment capable of providing a smooth installation with the minimum amount of wrinkling or folding.

Slit wrinkles or folds exceeding 1 inch and lay flat. Shingle-lap 4 inches in the direction of the paving. Broom, squeegee, or pneumatic roll geogrid to maximize contact with the pavement surface.

Remove sealant that bleeds through the geogrid by broadcasting HMA to create a bond brake between excess tack and the equipment tires. Place overlay the same day the pavement geogrid is placed. Do not place pavement geogrid if lift is less than 1 1/2 inch compacted.

Remove and replace damaged pavement geogrid at no cost to the agency.

00350.90 Payment – Add the following to the list of pay items:

Pay Item	Unit of Measurement
Pavement Fiberglass Geogrid.....	Square Yard

SECTION 00405 - TRENCH EXCAVATION, BEDDING, AND BACKFILL

Comply with Section 00405 of the Standard Specifications

SECTION 00440 - COMMERCIAL GRADE CONCRETE

Comply with Section 00440 of the Standard Specifications.

SECTION 00445 - SANITARY, STORM, CULVERT, SIPHON, AND IRRIGATION PIPE

Comply with Section 00445 of the Standard Specifications.

SECTION 00470 - MANHOLES, CATCH BASINS, AND INLETS

Comply with Section 00470 of the Standard Specifications.

SECTION 00596B - PREFABRICATED MODULAR RETAINING WALLS

Comply with Section 00596B of the Standard Specifications modified as follows:

00596B.01 Proprietary Prefabricated Modular Walls - Add the following paragraph and bullet list to the end of this subsection:

Furnish the following preapproved Prefabricated Modular proprietary retaining wall systems for the wall: Ultrablock Retaining Wall System, provided by Ultrablock Inc., telephone: 1-800-377-3877.

00596B.04(b) Design Calculations - Add the following to the end of this subsection:

The following retaining wall design parameters have been established for this Project:

Foundation soil unit density.....	0.120 kips/cu. ft.
Foundation soil angle of internal friction30 degrees
Foundation soil nominal (unfactored) Bearing resistance	2.43 kips/sq. ft.
Retained soil unit density	0.120 kips/cu. ft.
Retained soil angle of internal friction.....	34° degrees
Peak ground acceleration coefficient (PGA).....	0.36
Long period spectral acceleration coefficient (S ₁).....	0.18
Site class	D

00596B.11(b) Modular Block Core and Drainage Backfill - Replace this subsection, except for the subsection number and title, with the following:

Furnish 3/4" - No. 4 PCC Aggregate Material meeting the requirements of 02690.20(a) through (d) and 02690.20(f).

00596B.80 Measurement - Add the following to the end of this subsection:

The estimated quantities of retaining walls are:

Station Limits	Area
• Station 68+30 to Station 71+50 Lt.	3,144.75 sq. ft
• Station 68+50 to Station 72+45 Rt.	3,418.75 sq. ft

For estimating purposes only, the estimated quantities for nonproprietary retaining wall systems:

- Structural excavation..... 860 cu. yd.
- Shoring60 ft.
- Right Leveling Pad..... 2,873 sq. ft.
- Left Leveling Pad 2,498 sq. ft.

No separate or additional payment will be made for the following:

- Manufacturer's representative
- Structural excavation and trench excavation
- Shoring
- Aggregate leveling pad
- Drainage geotextile, perforated pipe and galvanized welded wire basket over drain ends
- Grout

SECTION 00620 - COLD PLANE PAVEMENT REMOVAL

Comply with Section 00620 of the Standard Specifications modified as follows:

0620.40(a) General – Add the following paragraph:

Along the transverse edge, furnish a smooth vertical edge the full depth of the cold planed area by saw cutting, jack hammer or other approved method. Do not begin paving until the vertical edge is approved by the Engineer.

00620.43 Maintenance Under Traffic - Replace this subsection, except for the subsection number and title, with the following:

Butt Joints - Traffic will be allowed on the cold planed surface up to 5 Calendar Days after removing the existing surface. Sweep and clean the cold planed surface, construct ACP wedges 1V:50H or flatter along transverse drop-offs before opening to traffic.

Depth 3 Inches – Traffic will not be allowed on the cold planed surface after removing the existing surface. Pave the full width, length and depth of cold planed area during the same shift.

Inlay - Traffic will not be allowed on the cold planed surface after removing the existing surface. Pave the full width, length and depth of cold planed area during the same shift.

Before beginning paving operations, make repairs to the existing cold planed surface as directed. Payment for the repairs will be made according to 00195.20.

SECTION 00641 - AGGREGATE SUBBASE, BASE, AND SHOULDERS

Comply with Section 00641 of the Standard Specifications modified as follows:

Add the following Subsection:

00641.01 Definitions

Crushed Mined Aggregate – A source of round rock that is typically mined and does not require being “shot” or “blasted” before crushing.

Crushed Quarry Aggregate – A source of rock that requires being “shot” or “blasted” before crushing.

00641.15(a) Base and Shoulder Aggregate – Replace the last sentence in the first paragraph with the following:

Furnish base and shoulder aggregate according to 02630.10.

00641.10(a) Base and Shoulder Aggregate – Replace the last sentence in the first paragraph with the following:

Dense Graded Aggregate Base shall be either 1” - 0 or 3/4” - 0 size as the contractor elects.

Shoulder Aggregate shall be either 1/2 - 0 inch or 3/4” - 0 as the contractor elects. Furnish crushed quarry aggregate for all shoulder rock.

In the paragraph that begins “Furnish base and shoulder...” replace the item “Shoulder Aggregate” with the following:

Shoulder Aggregate.....002630.10

00641.15(a) Aggregate Production Quality Control – Delete the second sentence.

00641.16 Acceptance of Aggregates – Replace first sentence with the following:

Acceptance will be based on the Contractor’s quality control testing according to 00165.

00641.16(a)(1) Aggregate Gradation – Replace this subsection, except for the subsection number and title, with the following:

Acceptance will be based on the Contractor’s quality control testing according to 00165.

A stockpile contains specification aggregate gradation when the test results are within the upper and lower tolerances of the specified value for gradation. When the test results are not within the upper and lower tolerances of the specified values for gradation, the material is non-specification.

00641.16(s)(2) Non-specification Aggregate Gradation – In the sentence that begins “Do not add additional...” delete “so that the QL for each sieve size is equal to or greater that the QL in table 00165-2 for 100 PF”.

Add the following subsection:

00641.16(d) Acceptance after placing – Acceptance will be based on the Engineer’s visual inspection to determine if segregation has occurred. If the Engineer determines that segregation has occurred and the material in place does not meet the requirements of 002630.10(a), the Engineer will direct the contractor to sample and test the aggregate for compliance according to 02630.

When aggregate is non-specification, the contractor may elect to take corrective measures to bring the aggregate in to compliance, or the Engineer will determine the appropriate price reduction, or instruct the contractor to remove the material according to 00150.25.

Add the following subsection:

00641.17 Small Quantity Revision of the MFTP – In Section 4B of the 2014 MFTP, replace the second paragraph and subsections (1), (2), and (3) with the following:

If the quantity of the material in a subplot is less than the small quantity listed in the table below, the Project Manager has the option to waive normal QC sampling and testing on the basis of the following conditions:

- (1) The contractor requests in writing that normal QC testing be waived;
- (2) Submits current aggregate product compliance testing or documentation; and,
- (3) Furnish information indicating what method or workmanship the contractor will use to assure the contract requirements are met.

SMALL QUANTITY

00641	Aggregate base & Shoulders	500 ton
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In Section 5, page 34 of the MFTP, revise SECTION 00641 – AGGGREGATE SUBBASE, BASE, AND SHOULDERS as follows:

Under “Aggregate Production”, “Aggregate Shoulder”, replace “02640” with “02630”

Under “Placement”

Aggregate Base - Replace “A subplot equals 2000 tons” with “A Sublot equals 500 tons”

Aggregate Shoulders – Compact shoulder aggregate until firm and unyielding, when the shoulder is at least 3 feet wide, conduct deflection testing on the top lift of aggregate. The Engineer may waive deflection testing.

00641.20(a) Mixing Plant - Replace this Subsection with the following:

00641.20(a) Mixing Aggregate – Furnish aggregate and water that produce a uniform and non-segregated mixture with sufficient moisture to reach maximum compaction.

00641.20(b) Road Mix – Delete this subsection.

00641.22 Spreading Equipment – Add the following at the end of this subsection:

Provide Equipment that is capable of the following:

- Receiving material directly from the hauling vehicle.
- Convey the material directly to the shoulder area.
- Place material to the width, depth, and slope specified.

Provide aggregate with moisture content according to 00641.12. After the truck is loaded and weighed, water may be added. Do not add water to the aggregate before the truck is weighed.

SECTION 00730 - EMULSIFIED ASPHALT TACK COAT

00730.11 Emulsified Asphalt – Replace the last paragraph with the following:

Furnish a bill of lading from the supplier.

00730.90 Payment - Replace this subsection, except for the subsection number and title, with the following:

No separate or additional payment will be made for Emulsified Asphalt tack coat.

SECTION 00745 - ASPHALT CONCRETE PAVEMENT - STATISTICAL ACCEPTANCE

Comply with Section 00745 of the Standard Specifications modified as follows:

00745.10(c) Recycled Asphalt Singles – Delete this subsection and all references to RAS in Section 00745.

00745.13 Job Mix Formula Requirements – Delete the fourth paragraph and all references in 00745 to WMAC.

00745.46(b) Depositing - Replace the paragraph that begins "Deposit ACP from..." with the following paragraph:

Deposit ACP from the hauling vehicles so segregation is prevented. Do not deliver the ACP directly into the paving machine if panel is greater than 500 feet. Deliver the ACP to the paving machine by either a windrow pick-up machine or an end-dump transfer machine.

00745.49(c) Thin Pavement - Replace the paragraph that begins "Perform breakdown and intermediate rolling..." with the following paragraph:

Use ODOT TM 301 "Establishing Roller Patterns for Thin Lifts of ACP" to establish the rolling pattern for compaction. Use the roller pattern from ODOT TM 301 or four Coverages, whichever is greater. Complete additional Coverages as directed.

Add the following subsection:

00745.51 Opening Sections to Traffic - Schedule work so that, during the same shift, the surfaces being paved are paved full width and length through the top Base Course before opening to traffic. Traffic will be allowed on the top Base Course up to 2 Calendar Days.

Before beginning wearing Course paving operations, make repairs to the existing surface as directed. Payment for the repairs will be made according to 00195.20.

Add the following subsection:

00745.72 Smoothness Testing Equipment - Furnish all equipment and supplies for determining smoothness.

(a) **Straightedge** - Provide one 12 foot straightedge.

00745.80 Measurement - Replace the paragraph that begins "The quantities of ACP..." with the following paragraph:

The quantities of ACP will be measured on the weight basis. No separate measurement will be made for asphalt cement used in the mixture. No deduction will be made for lime or any other additive used in the mixture.

00745.90 Payment - Add the following paragraph to the end of this subsection:

No separate or additional payment will be made for asphalt cement used in the mixture.

00745.95 Price Adjustments – Delete this subsection.

SECTION 00759 - MISCELLANEOUS PORTLAND CEMENT CONCRETE STRUCTURES

Comply with Section 00759 of the Standard Specifications.

SECTION 00810 - METAL GUARDRAIL

Comply with Section 00810 of the Standard Specifications modified as follows:

00810.40 Timing and Coordination of Work - Add the following paragraph at the end of this subsection:

Contact the Engineer and the appropriate utilities 1 week before beginning digging guardrail post holes.

SECTION 00820 - CONCRETE BARRIER

Comply with Section 00820 of the Standard Specifications.

Comply with Section 00820 of the Standard Specifications modified as follows:

00820.11(a) Concrete - Replace this subsection, except for the subsection number and title with the following:

Concrete shall meet the requirements of Section 00440, except that Aggregates shall be modified as follows:

- (1) **Fine Aggregate** - Fine Aggregate shall meet the test requirements of 02690.30(c) and 02690.30(d).
Test results shall be no more than 1 year old.
- (2) **Coarse Aggregate** - Coarse Aggregate shall meet the test requirements of 02690.20(b) and 02690.20(c). Test results shall be no more than 1 year old.

00820.90 Payment - Add the following to the list of pay items:

Pay Item	Unit of Measurement
(d) Concrete Barrier	Foot
(e) Concrete Barrier, Tall.....	Foot

Add the following paragraph at the end of this subsection:

No separate or additional payment will be made for:

- Excavating or partially burying barrier transition.

SECTION 00910 - WOOD SIGN POSTS

Comply with Section 00910 of the Standard Specifications.

SECTION 01030 - SEEDING

Comply with Section 01030 of the Standard Specifications.

Comply with Section 01030 of the Standard Specifications modified as follows:

01030.13(a) Label - Add the following to the end of this subsection:

Provide alternate labeling for native plant seeds as follows:

01030.13(f) Types of Seed Mixes - Add the following to the end of this subsection:

Provide the following seed mix formula:

Lawn Seeding:

Name	PLS (lb/acre)	÷ (% Purity minimum)	x (% Germination minimum)	= Amount (lb/acre)
Fine Fescue**	120	_____	_____	_____
Perennial Ryegrass**	200	_____	_____	_____
Kentucky Bluegrass**	50	_____	_____	_____
Colonial Bentgrass**	50	_____	_____	_____

** Acceptable varieties (All of these varieties are trademarked):

Fine Fescues:

Creeping Red Fescue: Fortress, Ensylva

Chewings Fescue: Banner, Highlight, Koket, and Jamestown. Pennlawn and Cascade are acceptable only in Eastern Oregon.

Perennial Ryegrass:

Citation, Derby, Diplomat, Manhattan, Omega, Pennfine, Regal, and Yorktown II. Only Manhattan and Pennfine are acceptable east of the Cascades.

Kentucky Bluegrass:

Adelphi, Baron, Ben-Sun, Birka, Bonnieblue, Fylking, Galaxy, Glade, Majestic, Merion, Monopoly, Primo, Sydsport, and Victa.

Colonial Bentgrass:

Highland, Astoria, Exeter, and Holfior.

SECTION 01070 - MAILBOX SUPPORTS

Comply with Section 01070 of the Standard Specifications modified as follows:

01070.00 Scope – In the first sentence after “...during construction” and before “...and installing” add “furnish new mailboxes with reflectorized numbers.

Add the following subsection:

01070.16 Mailboxes – Furnish new mailboxes that meet the following requirements:

- US Postmaster Approved
- Constructed of light sheet metal
- Powder-coat finish

- Weigh less than 22.4 lbs. pounds each

Apply 2 inch reflectorized, self-adhesive numbers to the side of the mailbox facing oncoming traffic.

01070.80 Measurement - Add the following paragraphs to the end of this subsection:

The quantities of new mailboxes with reflectorized numbers installed will be measured on the unit basis, installed in permanent locations.

01070.90 Payment - Add the following pay item to the pay item list:

- (d) Mailboxes, Locking, with Numbers Each

Add the following to the list of bullets:

- Furnishing reflectorized numbers
- Adjusting or relocating existing newspaper boxes at permanent location
- Furnishing and installing hardware

SECTION 02001 - CONCRETE

Comply with Section 02001 of the Standard Specifications modified as follows:

02001.02 Abbreviations and Definitions - Replace this subsection, except for the subsection number and title, with the following:

- ASTV** - Actual Strength Test Value - average of test cylinder compressive strengths
- f'_c - Minimum Specified Compressive Strength at 28 days
- f'_{cr} - Average Compressive Strength Over-design. The average strength required to assure that, with normal variations, the concrete will meet f'_c
- GGBFS** - Ground Granulated Blast Furnace Slag
- HPC** - High Performance Concrete
- HRWRA** - High-Range Water-Reducing Admixture (super-plasticizer)
- SCM** - Supplementary Cementitious Materials
- SSD** - Saturated Surface-Dry
- w/cm Ratio** - Water-Cementitious Material Ratio
- WRA** - Water Reducing Admixture

Cementitious Materials - Portland cement and supplementary cementitious materials.

High Performance Concrete - Concrete designed for enhanced durability and performance characteristics. High performance concrete is identified on the Plans by the letters "HPC" in front of the concrete class designation (for example, HPC4500 - 1 1/2).

Moderate Exposure - Elevations below 1,000 feet.

Pozzolans - Fly ash, silica fume, and metakaolin.

Severe Exposure - Elevations 1,000 feet and above.

Supplementary Cementitious Materials - Fly ash, silica fume, metakaolin, and ground granulated blast furnace slag.

02001.10 Materials - Replace this subsection, except for the subsection number and title, with the following:

Furnish Materials meeting the requirements of the following:

Aggregates.....	02690
Cement.....	02010
Chemical Admixtures.....	02040
Concrete Modifiers	02035
Supplementary Cementitious Materials	02030
Synthetic Fiber Reinforcing.....	02045
Water.....	02020

02001.31 Concrete Constituents - Replace this entire subsection with the following subsection:

02001.31 Concrete Constituents:

- (a) **Portland Cement** - Use AASHTO M 85 or ASTM C150, Type I or II cement for structural or paving concrete. Use AASHTO M 85 or ASTM C150, Type III cement for precast prestressed concrete. Provide all cement from the QPL.
- (b) **Supplementary Cementitious Materials** - SCM may be used separately or in combinations up to the specified maximum percentage by mass according to the following:

Separate SCM	Maximum
Fly Ash + Other Pozzolans	25%
GGBFS	50%
Silica Fume	5%
Combined SCM	Maximum
Fly Ash + Other Pozzolans + GGBFS + Silica Fume	50%*
Fly Ash + Other Pozzolans + Silica Fume	30%*

* Fly ash + other pozzolans shall constitute no more than 25% and silica fume shall constitute no more than 5% of the total weight of cementitious materials.

When silica fume is added to truck mixed concrete, mix the batch a minimum of 100 revolutions at the mixing speed specified by the manufacturer before leaving the batch plant.

- (c) **Blended Hydraulic Cement** - Blended hydraulic cement may be used subject to the limits of 02001.31(b) and 02010.20.
- (d) **Chemical Admixtures** - Use chemical admixtures according to the manufacturer's recommendations. Use WRA in all seal concrete and in Class 5000 concrete or greater. Use HRWRA in all HPC.

Use a superset extender from the QPL in all concrete for bridge decks. Use an appropriate amount to extend the initial set time of the concrete by 90 minutes.
- (e) **Aggregate** - If the nominal maximum size of the coarse Aggregate is not included as a part of the class of concrete, or shown on the Plans, any size from 1 1/2-inch to 3/8-inch nominal maximum size Aggregate may be used according to ACI guidelines except:
 - Use 1 1/2 inch nominal maximum size Aggregates in bridge deck concrete.
 - Use 1 1/2 inch nominal maximum size Aggregates in paving concrete unless otherwise indicated.
 - Use 3/8 inch nominal maximum size Aggregates in drilled shafts unless otherwise indicated.

Proportion all HPC for a minimum coarse Aggregate absolute solid volume according to Table 02001-4:

Table 02001-4

Absolute Solid Volume	
Maximum Nominal Aggregate Size	Cu. Yd. (Aggregate) / Cu. Yd. (Concrete)
3/8"	0.36
1/2"	0.38
3/4"	0.40
1"	0.42
1 1/2"	0.44

Two or more Aggregate products or sources meeting Specifications may be blended to improve concrete properties. Blending non-specification Aggregate Materials, except for gradation, with specification Materials is not allowed.

02001.35 Required Submittals for Mix Designs - Replace this entire subsection with the following subsection:

02001.35 Required Submittals for Mix Designs - Submit the following information for each concrete mix design:

- (a) **Supplier's Information** - Provide the supplier's unique mix design identification number and batch plant location.
- (b) **Mix Design Constituent Proportions:**
 - Weight per cubic yard (pounds per cubic yard) of cement, SCM, fine Aggregates and coarse Aggregates (SSD), mix water, concrete modifiers, and chemical admixtures
 - Absolute volumes of cement, SCM, fine Aggregates and coarse Aggregates (SSD), mix water, air content, concrete modifiers, and chemical admixtures
 - Dosage rates for chemical admixtures (ounces per cubic yard)
 - w/cm ratio including all chemical admixtures
- (c) **Aggregates** - Identify the Aggregate source by the ODOT source number. Report current values of the following:
 - Bulk specific gravities (SSD)
 - Fine Aggregate absorptions
 - Coarse Aggregate absorptions
 - Dry-rodded density of coarse Aggregates
 - Average stockpile gradations
 - Fineness modulus of sand used in the mix design calculations
- (d) **Cement** - For each cement used, provide the following:
 - Manufacturer
 - Brand name
 - Type
 - Source or location plant
 - QPL product number
- (e) **SCM** - For each SCM used, provide the following:
 - Manufacturer
 - Brand name

- Source
- Class
- QPL product number

(f) **Concrete Modifiers** - For each concrete modifier used, provide the following:

- Manufacturer
- Brand name
- QPL product number

(g) **Admixtures** - For each admixture used, identify the following:

- Manufacturer
- Brand name
- Design dosage rate
- QPL product number

(h) **Synthetic Fiber Reinforcing** - For each synthetic fiber reinforcing used, provide:

- Manufacturer
- Brand name
- Design dosage rate
- QPL product number

(i) **Water** - Identify the source of water to be used and provide a certificate of compliance certifying that the water meets the requirements of 02020.10.

(j) **Plastic Concrete Tests** - Report the temperature, slump, density, air content, yield, and w/cm ratio of the trial batch or the average of these values for the cylinder sets presented for evaluation of a current mix design.

For drilled shaft concrete, report the following additional information:

- The total time estimate from initial batching through drilled shaft placement, including haul time, placing concrete, and temporary casing extraction.
- Initial slump test results and subsequent results at 15-minute intervals, verifying a minimum slump of 4 inches is maintained for the total time estimated for drilled shaft placement, including temporary casing extraction. Report data in a table or graph format.

(k) **Compressive Strength Test Results** - Report the individual test results and the ASTV of cylinders from the trial batch for new mix designs. For current designs, provide the individual tests and the average of the cylinder sets presented for evaluation.

(l) **Strength Analysis** - Provide an analysis, showing all calculations, demonstrating that the mix design meets the requirements of 02001.33.

(m) **Quality Control Personnel** - Provide the name and certification number of the CCT who prepared the mix design, the QCT who performed the plastic concrete tests and cast the test cylinders, the CSTT who tested the cylinders, and the ODOT certification number of the laboratory where the cylinders were tested.

SECTION 02320 - GEOSYNTHETICS

02320.20 Geotextile Property Values - Add the following table:

Table 02320-7 Pavement Geogrid, Fiberglass

Geotextile Property	ASTM Test Method	Unit	MARV*
Asphalt Retention	ASTM D6140	l/m ² (gal./yd ²)	0.46 (0.10)
Mass per unit area	ASTM D5261	g/m ² (oz/yd ²)	237 (7.0)
Tensile strength, MD	ASTM D5035	kN/m (lb/in)	50 min (280)
Tensile Strength, CD	ASTM D5035	kN/m (lb/in)	50 min (280)
CBR Puncture**	ASTM D6241	N	1779 (400)
Elongation at maximum load, MD	ASTM D5035	percent	<5
Elongation at maximum load, CD	ASTM D5035	percent	<5
Melting point	ASTM D276	C (F)	>232 (>450)
* MARV = Minimum Average Roll Value			
** Assess 360° tensile strength symmetry			

SECTION 02690 - PCC AGGREGATES

Replace Section 02690 of the Standard Specifications with the following Section 02690:

SECTION 02690 - PCC AGGREGATES

Description

02690.00 Scope - This Section includes the requirements for coarse and fine aggregates for portland cement concrete.

02690.01 Definitions:

Coating - Foreign or deleterious substances found adhering to the aggregate particles.

Detrimental Materials - Materials that adversely affect concrete, including but not limited to clay, shale, mica, silt, bark, alkali, sticks, organic matter, soft and flaky particles.

Nominal Maximum Size Of Aggregate - One sieve larger than the first sieve that retains more than 10 percent of the material using an agency specified set of sieves based on cumulative percent retained. Where large gaps in specification sieves exist, intermediate sieves may be inserted to determine nominal maximum size.

Materials

02690.10 Materials - PCC Aggregates shall consist of natural or crushed rock that is hard, strong, durable and free from adherent coatings or other detrimental materials.

Produce, handle and store the aggregates in a way that will maintain passing material properties and avoid introducing deleterious materials or segregation prior to its use in portland cement concrete.

02690.11 Alternate Grading - The Contractor may request approval to produce coarse and fine aggregates in sizes other than those stated in 02690.20 and 02690.30. The request shall be in writing, and shall state the proposed target value and specified tolerances for each of the individual sieve sizes of the materials the Contractor proposes to produce.

02690.12 Acceptance of Aggregate - Acceptance of aggregate will be according to Section 00165 and based on the Contractor's quality control testing, if verified, according to Section 00165.

- (a) **Aggregate Gradation** - A stockpile contains specification aggregate gradation when the quality level for each sieve size calculated according to 00165.40 is equal to or greater than the quality level indicated in Table 00165-2 for a PF of 1.00. Each required sample represents a subplot. When the quality level indicated in Table 00165-2 yields a PF of less than 1.00 for any constituent, the material is non-specification.
- (b) **Non-specification Aggregate Gradation** - Stockpiled aggregates that contain non-specification aggregate gradation will be rejected by the Engineer unless non specification material is removed from the stockpile. Do not add additional material to the stockpile until enough non-specification material is removed so that the quality level for each constituent is equal to or greater than the quality level in Table 00165-2 for a 1.00 PF.

Reprocessing of non-conforming material and the testing required for acceptance will be at no additional cost to the Agency. Acceptance of reprocessed material will be based on passing test results or accepted visually by the Engineer.

02690.20 Coarse Aggregate:

- (a) **Harmful Substances - Harmful substances shall not exceed the following limits:**

Test	Test Method		Percent (by Weight)
	ODOT	AASHTO	
Lightweight Pieces	–	T 113	1.0
Material passing No. 200 sieve	–	T 11	1.0
Wood Particles	TM 225	–	0.05

- (b) **Soundness** - Coarse aggregates for concrete shall be tested for soundness using sodium sulfate salt, according to AASHTO T 104. The weighted percentage loss shall not exceed 12 percent by weight.
- (c) **Durability** - Coarse aggregates shall meet the following durability requirements:

Test	Test Method		Requirements
	ODOT	AASHTO	
Abrasion	–	T 96	30.0% Max.
Oregon Air Aggregate Degradation:			
Passing No. 20 sieve	TM 208	–	30.0% Max.
Sediment Height	TM 208	–	3.0" Max.

- (d) **PCC Paving Aggregate** - In addition to requirements above, comply with the following:
 - (1) **Fracture** - Provide aggregate with at least two fractured faces on at least 50 percent of the particles retained on the 3/8 inch, 1/2 inch, 3/4 inch, 1 inch, and 1 1/2 inch sieves, as determined by AASHTO T 335.

(2) **Elongated Pieces** - Provide aggregate with elongated pieces not exceeding 10 percent by weight of the material retained on the No. 4 sieve when tested according to ODOT TM 229 with the proportional caliper device set at a ratio of 5:1.

(e) **Grading and Separation by Sizes for Prestressed Concrete** - Sampling shall be according to AASHTO T 2 and sieve analysis shall be determined according to AASHTO T 27 and AASHTO T 11. PCC coarse aggregate shall conform to grading and separated sizes as follows:

(1) **Where indicated in Table 02690-1**, the coarse aggregate shall be separated into two sizes and each separated size shall be measured into the batch in the quantity determined by the mix design.

For each of the indicated maximum sizes of coarse aggregates, the separated sizes shall be as indicated in Table 02690-2:

Table 02690-1

Maximum Nominal Size of Aggregates	Separated Sizes
1"	1" - No. 4
3/4"	3/4" - No. 4
3/4"	3/4" - 1/2" and 1/2" - No. 4
3/4"	3/4" - 3/8" and 3/8" - No. 4

(2) The grading of each of the specified separated sizes of coarse aggregate shall conform to the following:

Table 02690-2

Separated Sizes

Sieve Size 1" - No. 4 3/4" - No. 4 3/4" - 1/2" 3/4" - 3/8" 1/2" - No. 4 3/8" - No. 4

Percent Passing (by Weight)

1 1/2"	100	—	—	—	—	—
1"	90 - 100	100	100	100	—	—
3/4"	50 - 80	90 - 100	85 - 100	85 - 100	100	100
1/2"	—	—	0 - 15	—	85 - 100	—
3/8"	15 - 40	20 - 50	—	0 - 15	35 - 65	85 - 100
No. 4	0 - 10	0 - 10	—	—	0 - 15	0 - 15
No. 200	*	*	*	*	*	*

* See 02690.20(a). Do not evaluate material passing the No. 200 sieve according to 00165.40.

(f) **Grading and Separation by Sizes for Other Concrete** - Sampling shall be according to AASHTO T 2. Sieve analysis shall be according to AASHTO T 27 and AASHTO T 11. Provide aggregates meeting the gradation requirements of Tables 02690-3 and 02690-4 for structural concrete. Provide a CAgT to perform sampling and testing when required.

Table 02690-3

Gradation of Coarse Aggregates

Sieve Size	Combined* Sizes	Separated Sizes	Separated Sizes	Separated Sizes
	1 1/2" - No. 4	1 1/2" - 3/4"	1" - No. 4	3/4" - 1/2"

Percent Passing (by Weight)

2"	100	100	—	—
1 1/2"	90 - 100	90 - 100	100	—
1"	70 - 89	20 - 55	90 - 100	100
3/4"	35 - 70	0 - 15	—	85 - 100
1/2"	—	—	25 - 60	0 - 15
3/8"	10 - 30	0 - 5	—	—
No. 4	0 - 5	—	0 - 10	—
No. 8	—	—	0 - 5	—
No. 200	**	**	**	**

* For 1 1/2 inch coarse aggregate use two or more separated sizes which when combined shall meet the gradation limits for 1 1/2" - No. 4.

** See 02690.20(a). Do not evaluate material passing the No. 200 sieve according to 00165.40.

**Table 02690-4
Gradation of Coarse Aggregates**

Sieve Size	Separated or			
	Separated Sizes	Combined Sizes	Separated Sizes	Separated Sizes
	3/4" - 3/8"	3/4" - No. 4	1/2" - No. 4	3/8" - No. 8
Percent Passing (by Weight)				
1"	100	100	—	—
3/4"	90 - 100	90 - 100	100	—
1/2"	20 - 55	—	90 - 100	100
3/8"	0 - 15	20 - 55	40 - 70	85 - 100
No. 4	0 - 5	0 - 10	0 - 15	10 - 30
No. 8	—	0 - 5	0 - 5	0 - 10
No. 16	—	—	—	0 - 5
No. 200	*	*	*	*

* See 02690.20(a). Do not evaluate material passing the No. 200 sieve according to 00165.40.

02690.30 Fine Aggregates:

- (a) **Different Sources** - Do not mix fine aggregates from different sources of supply, or store in the same pile. Do not use alternately in the same class of mix, without prior approval.
- (b) **Harmful Substances** - The amount of harmful substances shall not exceed the following limits:

Test	Test Method (AASHTO)	Percent (by Weight)
Lightweight Pieces	T 113	2.0%
Material passing No. 200 sieve	T 11	3.0%

- (e) **Soundness** - Fine aggregate shall be tested for soundness using sodium sulfate salt, according to AASHTO T 104. The weighted percentage loss shall not exceed 10 percent by weight.
- (d) **Organic Impurities** - All fine aggregate shall meet the requirements of AASHTO M 6 for organic impurities.

- (e) **Sand Equivalent** - Fine aggregate shall be tested according to AASHTO T 176 and shall have a sand equivalent of not less than 75.
- (f) **Sand for Mortar** - Sand for mortar shall conform to the requirements of this Section.
- (g) **Grading** - Sampling shall be according to AASHTO T 2. Sieve analysis shall be determined according to AASHTO T 27 and AASHTO T 11. Provide aggregates meeting the gradation requirements of Table 02690-5 for structural concrete. Provide a CAgT to perform sampling and testing when required.

Table 02690-5
Gradation of Fine Aggregate*

Sieve Size	Percent Passing (by Weight)
3/8"	100
No. 4	90 - 100
No. 8	70 - 100
No. 16	50 - 85
No. 30	25 - 60
No. 50	5 - 30
No. 100	0 - 10
No. 200	**

* Determine the fineness modulus according to AASHTO T 27 and AASHTO T 11. Maintain the fine aggregate fineness modulus within plus or minus 0.20 from the fineness modulus used in the Contractor's mix design. Fine aggregates in which the fineness modulus varies by more than 0.20 from the mix design target shall not be incorporated until an assessment is done to determine whether an adjustment in the aggregate proportions is necessary. Proportion changes must be performed by a CCT according to the provisions of ACI 211. Submit analysis of FM and mix design adjustments to the Engineer for approval.

** See 02690.30(b). Do not evaluate material passing No. 200 sieve according to 0165.40.

**Marion County Public Works
Wintercreek Road SE Reconstruction Project – Road # 920-010**

PROJECT SUMMARY LIST

Contract 2019-201

From: Jefferson Hwy SE (99E)
To: Parrish Gap Rd SE
 Length: 2.95 Miles Width: Old: 22' New: 24'

Item #	Description	Notes	Quantity	Units
1.801	ACP MATERIAL PRICE ADJUSTMENT		0	AA
210.100	MOBILIZATION		1	LS
225.050	TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC		1	LS
225.070	TEMPORARY SIGNS		467	SF
225.114	TEMPORARY BARRICADES, TYPE III		17	EA
225.276	TEMPORARY REMOVABLE TAPE		360	FT
225.450	PORTABLE CHANGEABLE MESSAGE SIGNS		4	EA
225.490	FLAGGERS		684	HR
225.493	TRAFFIC CONTROL SUPERVISOR		6	EA
225.510	PILOT CAR		168	HR
280.100	EROSION CONTROL		1	LS
280.165	CHECK DAMS, TYPE III		10	EA
280.195	INLET PROTECTION, TYPE 7		2	EA
280.430	SEDIMENT FENCE, UNSUPPORTED		520	FT
290.100	POLLUTION CONTROL PLAN		1	LS
305.100	CONSTRUCTION SURVEY WORK		1	LS
320.100	CLEARING AND GRUBBING		1	LS
330.100	GENERAL EXCAVATION		1	LS
330.202	GENERAL EXCAVATION TO A NOMINAL DEPTH OF 3"		27475	FT
350.205	PAVEMENT FIBERGLASS GEOGRID		1135	SY
390.101	LOOSE RIPRAP, CLASS 50		3.5	TN
390.161	LOOSE RIPRAP, CLASS 700		2.5	TN
405.810	SELECTED GENERAL BACKFILL		1860	CY
445.132	10" CULVERT PIPE		154	FT
445.158	18" CULVERT PIPE		46	FT
445.161	EXTRA FOR 18" PIPE 5 TO 10 FEET DEEP		46	FT
470.395	CONCRETE INLETS, TYPE G-1, TYPE 1 GRATE		1	EA
470.410	CONCRETE DITCH INLETS, TYPE D, TYPE 1 GRATE		1	EA
470.370	CONCRETE MONUMENT BOXES		1	EA
510.200	STRUCTURE EXCAVATION		860	CY
510.500	GRANULAR WALL BACKFILL		1475	TN
510.650	GRANULAR STRUCTURE BACKFILL		495	TN
596.370	RETAINING WALL, PREFABRICATED MODULAR CONCRETE BLOCK		6563.5	SF

620.110	COLD PLANE PAVEMENT REMOVAL, BUTT JOINTS		370	SY
620.120	COLD PLANE PAVEMENT REMOVAL, INLAY		3670	SY
620.221	COLD PLANE PAVEMENT REMOVAL, 3" DEEP		2360	SY
641.120	2.5" – 0 AGGREGATE BASE		225	TN
641.160	AGGREGATE BASE		2551	TN
641.190	AGGREGATE SHOULDERS		3500	TN
738.200	SAFETY EDGE		1	LS
745.421	LEVEL 3, 3/8" DENSE, PG 64-22, ACP, IN LEVELING		2215	TN
745.451	LEVEL 3, 1/2" DENSE, PG 64-22, ACP		8800	TN
745.481	LEVEL 3, 1/2" DENSE, PG 64-22, ACP, IN BASE PLUG		880	TN
749.100	EXTRA FOR ASPHALT DRIVEWAY APPROACH		8	EA
749.150	EXTRA FOR ASPHALT ROAD CONNECTIONS		4	EA
810.110	GUARDRAIL, TYPE 3		780	FT
810.250	GUARDRAIL TRANSITION		2	EA
810.370	GUARDRAIL TERMINALS, NON-FLARED, TEST LEVEL 3		2	EA
820.100	CONCRETE BARRIER		225	FT
820.150	CONCRETE BARRIER, STANDARD, TERMINAL		1	EA
820.200	CONCRETE BARRIER, TALL		263	FT
820.250	CONCRETE BARRIER, TALL, TERMINAL		1	EA
1030.101	PERMANENT SEEDING		1	LS
1070.100	SINGLE MAILBOX SUPPORTS		14	EA
1070.200	MULTIPLE MAILBOX SUPPORTS		3	EA
1070.300	MAILBOX CONCRETE COLLARS		3	EA
1070.650	MAILBOX, LOCKING, WITH NUMBERS		3	EA
9999.412	TEMPORARY CENTERLINE DELINEATION		9330	EA

TRAFFIC CONTROL SUPERVISOR

Submit a traffic control supervisor report at the end of each week during road closures and detours.

GENERAL EXCAVATION

Perform general excavation according to Section 00330 and the Typical Section for the Project. Excavate to a Nominal Depth of 3".

Station	Left/Right	Length	Width	Depth
1+14 – 65+68	Right	6454	Varies	3"
1+14 – 65+71	Left	6457	Varies	3"
72+24 – 144+76	Right	7252	Varies	3"
71+64 – 144+62	Left	7312	Varies	3"

Widen Wintercreek Rd SE to a width of 24' as follows:

- Excavate approximately 1' wide (width will vary) from edge of pavement to a nominal depth of 3".
- Fill excavated area with ACP plug. Finished travel lane width is 12'.

PAVEMENT FIBERGLASS GEOGRID

Place geogrid on top of leveling course in the following locations:

Station	Length	Width	Right / Left	SY
95+72	550'	12'	Left	735
137+39	150'	24'	Full Width	400

COLD PLANE PAVEMENT REMOVAL OF ROADWAYS

Station	Length	Width	Depth	SY	Notes
1+14	50'	25'	2" - 0	243	Butt Joint
65+39 Lt	50'	23'	2" - 0	128	Meadowwood Road Connection
81+53 Lt	50'	24'	2" - 0	134	Centerwood Road Connection
143+66	110'	24'	0 - 2"	294	Transition To Inlay
144+76	1188'	24'	2"	3168	Inlay
154+54	163'	23'	2"	417	Parrish Gap South Road Connection Inlay

ASPHALT CONCRETE PAVEMENT

Depositing ACP

On wearing course, do not deposit asphalt directly into paving machine. Furnish pick-up equipment or a transfer machine that is self-supporting, will deliver the mixture to the paving machine at a rate that provides continuous operation and prevents segregation. When ACP is windrowed furnish a machine according to subsection 00745.46(b).

Control Of Line And Grade

On base course and wearing course paving, use a floating beam device of adequate length and sensitivity to control the grade of the paver. Where this method is impractical, manual control of grade will be allowed when approved.

3" Asphalt Concrete Pavement Repair

Locations – To be marked in the field as follows:

Course	Station	Left/Right	Length	Width	SY	Depth	ACP	Ton
Plug	2+07	Right	54'	7'	42	3"	3"	7
Plug	5+66	Right	48'	7'	37	3"	3"	6
Plug	7+06	Left	71'	7'	55	3"	3"	9
Plug	9+18	Center	125'	7'	97	3"	3"	17

Plug	11+06	Right	136'	7'	106	3"	3"	18
Plug	12+13	Full Width	70'	22'	171	3"	3"	29
Plug	16+14	Right	47'	7'	37	3"	3"	6
Plug	21+00	Left	237'	11'	290	3"	3"	49
Plug	21+18	Right	73'	7'	57	3"	3"	10
Plug	26+09	Center	84'	14'	131	3"	3"	22
Plug	41+87	Left	60'	13'	87	3"	3"	15
Plug	48+46	Left	121'	13'	175	3"	3"	30
Plug	48+77	Right	95'	13'	137	3"	3"	23
Plug	58+92	Full Width	116'	22'	284	3"	3"	48
Plug	103+84	Center	72'	7'	56	3"	3"	10
Plug	104+56	Center	68'	7'	53	3"	3"	9

Widening

Course	Station	Length	Width	ACP	Ton
Plug	1+14 – 65+68 Rt	6454'	1'	3"	122
Plug	1+14 – 65+71 Lt	6457'	1'	3"	122
Plug	72+24 – 144+76 Rt	7252'	1'	3"	137
Plug	71+64 – 144+76 Lt	7312'	1'	3"	139

Mainline

Course	Station	Length	Width	Depth	Ton
Wearing	1+14	15550	24'	2"	4702
Base	1+89	14092	24'	1.5"	3196
Leveling	2+14	6240	24'	1"	936
Leveling	64+54	905	Varies	2"	261
Leveling	73+59	6787	24'	1"	1018

Road Connections and Driveway Approaches

Description	Type	Station	Length	Width	Depth	Ton
#2106	Driveway Approach	14+89	50'	10'	2"	6
Field Access	Driveway Approach	52+74	60'	5'	2"	4
Skelton Rd SE	Road Connection	65+24	140'	Varies	2"	67
Meadowwood Rd SE	Road Connection	65+39	50'	Varies	2"	21
Green Acres Ln SE	Driveway Approach	72+04	25'	10'	2"	3
#3337	Driveway Approach	79+44	30'	10'	2"	4
Centerwood Rd SE	Road Connection	81+53	69'	Varies	2"	30
#3496 (1)	Driveway Approach	89+65	24'	8'	2"	2
#3496 (2)	Driveway Approach	90+64	25'	10'	2"	3
Parrish Gap (South)	Road Connection	154+54	163'	Varies	2"	56

Sealing Joints – Seal all finished joints with hot paving grade asphalt or emulsified asphalt, as the contractor elects, and sand as specified in subsections 00745.47(a)(2) and 00745.48(a)(5).

**Marion County Public Works
Wintercreek Road SE Reconstruction Project**

Contract 2019-201

MAILBOX WORK LIST

Address	Task
1886	No Change (outside ROW)
2086	New Single Support
2106	New Single Support
12505, 12215, 12225, 12235	New Multiple Support
2927, 2787, 3076, 3075	New Multiple Support
2947	New Single Support
1977	New Single Support
3086	New Single Support, Replace With Locking Box
12999, 12959, 12909, 3027	New Multiple Support, Replace 12909 & 3027 With Locking Boxes
3237	New Single Support
3287	New Single Support
3337	New Single Support
3496	New Single Support
3747	No Change
4087	New Single Support
4107	New Single Support
4196	New Single Support
4497	New Single Support
4556	New Single Support



Public Works

Permit No. **RC19-**

Fee: **\$0.00**

**ROAD CLOSURE PERMIT FOR
CONSTRUCTION/MAINTENANCE PROJECTS**

Name of Applicant: _____ Company: _____

Address: _____ Phone: _____

_____ Cell Phone: _____

Email: _____ Fax: _____

Work being performed for: _____

Certificate of Insurance on file with Marion County? Yes [] No [] Policy No.:

Insurance Company: _____ Policy Liability Limits: _____

Project Location: _____

Purpose of

Closure: _____

Dates of Closure: From: _____ To: _____

REQUIREMENTS FOR PERMIT:

Signing Plan Attached? Yes [] No [] Detour Plan Attached? Yes [] No []

Advanced "Notice of Closure" signs placed seven (7) days prior to closure? Yes [] No []

ALLOW THIRTY DAYS FOR EMERGENCY SERVICES NOTIFICATION AND RESPONSE

The Applicant shall indemnify and save harmless Marion County, its Board of Commissioners, its officers and employees from all suits and actions; or claims of any character brought because of any injuries or damages received or sustained by any person, or property on account of the operations of the said Applicant, his/her subcontractors or the employees of either; or on account of or in consequence of any neglect in safeguarding the work; or because of any act or omission, neglect or misconduct of the said Applicant. When this application is approved by the Department, the Applicant is subject to, accepts and approves the terms and provisions contained and attached hereto.

APPLICANT SIGNATURE: _____

TITLE (Owner(s) / Agent): _____ **DATE:** _____

.....
COUNTY APPROVAL BY: _____

TITLE: _____ **DATE:** _____

5155 Silverton Road NE, Salem, OR 97305 – Phone: (503) 588-5036 Fax: (503) 588-7970