

**SPECIAL PROVISIONS
P21147 – FILLING THE GAPS**

Scope of Work

B1. GENERAL

B 1.1 Project Description

Work consists of the construction of ADA Ramp improvements at the intersections of 21st St and Centennial Blvd, 21st St and L St, E St and N. 51st St, E St Cul-de-sac and L St cul-de-sac. As well as the construction of new sidewalk on the West side of 21st St between Centennial Blvd and L St; and the north and south sides of E St between N. 51st St and 52nd St.

B1.2 Cooperation with Utilities

Utility Information – The Contractor shall contact those Utilities having buried facilities and request that they locate and mark them for their protection before construction.

Utility	Contact's Name Address Email Phone Number
Comcast	Gabriel Norbury 2871 Chad Drive Eugene, OR 97408 Grabriel_Norbury@cable.comcast.com 541-731-1498
SUB Electric	Dan Norland 1001 Main St Springfield, OR 97477 DanN@subutil.com 541-744-3784
Lumen	Luke Pilon 1762 W 2 nd Ave Eugene, OR 97402 Luke.Pilon@lumen.com 458-221-7430
NW Natural	Monte Brown 790 Goodpasture Island Rd Eugene, OR 97402 Monte.Brown@nwnatural.com 541-954-1255
SUB Water	Keoki Lapina 202 South 18 th St Springfield, OR 97477 KeokiL@subutil.com 541-736-3291

The Contractor shall notify, in writing, the Utilities listed above, with a copy to the Engineer, at least 14 Calendar Days before beginning Work of the Project.

NW Natural

NW Natural requires all construction at or near high pressure lines to have an on-site safety watcher at no cost to the Contractor. Contact NW Natural to request an on-site safety watcher at least 48 hours prior to construction. There is an 8" high-pressure line shown on sheet BC06.

In the event of an emergency, and in addition to the calls required by the Utilities notification system, the Contractor shall call:

- Northwest Natural Gas 1-800-882-3377

SUB Electric

Contact SUB Electric Operations at 541-744-3784 at least 72 hours prior to any work or equipment encroaching within 20 feet of electrical lines. At certain locations, power, light, and telephone poles may interfere with excavation and operation of the Contractor's equipment. Coordinate with SUB Electric Operations 72 hours prior about supporting poles. The cost to support poles will be paid by the City of Springfield and shall not be included in the Contractor's cost.

Lumen

Contact Lumen at 458-221-7430 at least 72 hours prior to any work or equipment encroaching within 10' of communication lines.

SUB Water

Contact SUB Water Operations at 541-736-3291 at least 10 days prior to beginning work within 10 feet of **all** water facilities. SUB Water requires all construction at or near 12" or larger waterlines to have an on-site safety watcher at no cost to the Contractor. Contact SUB Water to request an on-site safety watcher at least 48 hours prior to construction. SUB Water also requires light compaction/no vibratory compaction with 2 feet directly above SUB water facilities. Waterline facilities are shallow, proceed with caution and direction from on-site watcher.

B1.3 Construction Zone Work Hours

Unless otherwise directed by the Engineer, normal construction work zones with active project operations are to be conducted Monday through Friday. Work outside the hours of 7:00 a.m. to 5:00 p.m. is not permitted unless the City Engineer or designer gives approval. No construction activities shall occur at the W. L St Cul-de-sac location while school is in session, refer to Springfield Public School District calendar for more information.

B 1.4 Record Drawings

Contractor shall maintain at the site one set of specifications, full size drawings, shop drawings, equipment drawings and supplemental drawings which shall be corrected as the work progresses to show all changes made, Drawings shall be available for inspection by the Engineer. Upon completion of the contract and prior to final payment, specifications and drawings shall be turned over to the Engineer.

B 1.5 Competent Person Designation

Contractor shall designate a qualified and experienced "competent person" at the site whose duties and responsibilities shall include enforcement of Oregon - OSHA regulations regarding excavations, the prevention of accidents, and the maintenance and supervision of construction site safety precautions and programs.

B 1.6 Vehicle Parking

The vehicles of the Contractor's and subcontractors' employees shall be parked in accordance with local parking ordinances.

B 1.7 Survey Services

Comply with Section 00150.15 ODOT Standard Specifications for Construction with Springfield specific revisions.

Construction Stakes, Lines, and Grades:

(a) General - The Contractor shall perform no work until the Engineer establishes field controls. Work performed without field controls will be subject to removal at the Contractor's expense.

(b) Agency Responsibilities - The Engineer will:

- Lay out and set construction stakes and marks to establish the lines, grades, Slopes, Cross Sections, and curve super-elevations for roadwork;
- Provide **one set** of construction stakes for line and grade for each additional phase of the Work as follows:
 1. Streets – Top face of curb.
 2. Alleys – Finish grade in the invert of the alley.
 3. Sidewalks – Finish grade nearest the back of walk.
 4. Pipes – Invert elevation at centerline of the pipe.
 5. Access Ramps – Finish grade at grade breaks.
 6. Manhole/Inlets/Catch Basins – Location and one invert elevation.
- The Agency will replace survey monuments disturbed during construction that have not been noted in the Plans to be protected.
- Set bench-marks and stakes for centerline of Bridges and bents;
- Calculate and provide finish deck grades; and deduct from payments due the Contractor all costs incurred to replace stakes and marks negligently or intentionally damaged, removed, or destroyed by the Contractor.

(c) Contractor Responsibilities - The Contractor shall:

- Inform the Engineer of staking requirements at least 5 Calendar Days before the staking needs to begin;
- Coordinate construction to provide sufficient area for the Engineer to perform surveying work efficiently and safely;
- Accurately measure detailed dimensions, elevations, and slopes from the Engineer's stakes and marks;
- Perform the work in such a manner as to preserve stakes and marks, as the Agency will not set construction stakes and marks a second time;
- Set any reference lines for automatic control from the control stakes provided by the Engineer; and
- Inform the Engineer of any property corners monuments and/or survey markers that are not shown on the plans and are found during construction activities prior to disturbing the monuments. Allow the Agency two (2) workdays for referencing all found markers before they are removed. Monuments that are noted on the plans to be protected and are disturbed by the Contractor's activities shall be replaced by the Contractor's surveyor at the Contractor's expense.

B1.8 Prosecution and Progress - Project Work Schedules

Before starting work, the Contractor shall submit for written approval a proposed construction schedule to the Engineer. If it is desirable to carry on operations in more than one location simultaneously, a schedule shall be submitted for each location two weeks in advance of beginning such operations. In the event that the Contractor's proposed construction schedule does not meet the necessary construction program schedule as determined by the City, the Contractor shall resubmit a schedule that conforms as approved.

The schedule shall show the proposed order of work and indicate the time required for completion of the major items of work. This working schedule shall take in to account the passage or handling of traffic with the least practicable interference therewith and the orderly, timely and efficient prosecution of work. It will also be used as an indication of the sequence of the major construction operations and as a check on the progress of work.

The Contractor shall provide weekly progress schedules of expected project activities. The progress schedules shall indicate the Contractor's plan of work in sufficient detail to enable both the Contractor and the Engineer to plan, coordinate, appraise, document, and control their respective Contract responsibilities. The schedule of work, and the work forces and equipment supplied by the Contractor, shall be adjusted adequately to allow for the completion of the contract work by the stated contract completion date. Any work done without notification to the Engineer is subject to rejection.

SECTION 00210 - MOBILIZATION

Comply with Section 00210 of the 2024 Oregon Standard Specifications for Construction.

Section 00220 – ACCOMMODATIONS FOR PUBLIC TRAFFIC

Comply with Section 00220 of the 2024 Oregon Standard Specifications for Construction modified as follows:

Add the following subsections:

00220.03 (c) Public Notice – The Contractor will need to provide written communication to all properties adjacent to the work minimum of 5 Calendar Days before work begins. Any notifications and communications the Contractor intends to send to neighboring properties need to be reviewed and approved by the City of Springfield, Contract Analyst, Amanda Clinton (aclinton@springfield-or.gov), five (5) days prior to distribution.

In addition, the Contractor will also need to provide the City of Springfield with all written notifications they intend to utilize for residents and businesses who will have their access interrupted by construction **a minimum of 48 hours before flyer distribution for review and approval**. Please send to Contract Analyst Amanda Clinton (aclinton@springfield-or.gov). The Contractor will need to coordinate all work activities with the Lane Transit District, Eugene-Springfield Fire and Life Safety, Springfield Police Department, local sanitation services, Springfield Public School District, and USPS when applicable.

00220.03(d) Bus Stops – Notify LTD in writing, with a copy to the Engineer, a minimum of 7 Calendar Days before performing any Work that requires closing or relocating an LTD bus stop.

Rebecca Bailey
LTD Operations Supervisor
Rebecca.Bailey@ltd.org

SECTION 00221 – COMMON PROVISIONS FOR WORK ZONE TRAFFIC CONTROL

Comply with Section 00221 of the 2024 Oregon Standard Specifications for Construction modified as follows:

00221.06 (b) Contractor Modified Traffic Control Plan

In the sentence that begins "If the Contractor requests to use a modified Agency TCP..." delete "according to 00150.36".

Add the following:

Contractor may propose a Traffic Control Plan (TCP) different than that provided with the plans. Incorporate all appropriate standards from the latest editions of Manual of Uniform Traffic Control Devices (MUTCD) and ODOT's Oregon Temporary Traffic Control Handbook. The Contractor's proposed Traffic Control Plans shall be produced and stamped by a registered professional engineer licensed by the State of Oregon and/or submitted for use from ODOT's effective, approved, and relevant standard Traffic Control Plans. Contractor supplied TCP shall be submitted two weeks prior to implementation and approved by the City of Springfield. Allow 5 workdays for the City's Engineer to review and return the drawings. Drawings which are not approved shall be corrected and resubmitted for review. Allow 5 workdays for the Engineer to review drawings each time they are resubmitted.

SECTION 00222 – TEMPORARY TRAFFIC CONTROL SIGNS

Comply with Section 00222 of the 2024 Oregon Standard Specifications for Construction modified as follows:

00222.40(e) Temporary Sign Placement - Add the following to the end of the bullet list:

- At least ten Calendar Days before closing the sidewalks, place a "SIDEWALK CLOSED, Full Time" (CW11-4) sign in advance of each future closure point. Locate the sign so it is legible from the nearest alternate pedestrian pathway facing incoming pedestrian traffic. The sign may be mounted between the panels of a Type II barricade or on a single-post TSS. Do not place the sign or sign support such that it narrows the pedestrian pathway to a width of less than 4 feet.
- Before opening the TPAR, place TPAR signing and other TCM as shown, or as directed. Maintain the "SIDEWALK CLOSED, Full Time" (CW11-4) signs while the TPAR is open to pedestrian traffic.

SECTION 00223 - WORK ZONE TRAFFIC CONTROL LABOR AND VEHICLES

Comply with Section 00223 of the 2024 Oregon Standard Specifications for Construction modified as follows:

00223.31(b) Traffic Control Inspection Without TCS - Replace the bullet that begins "Prepares and signs a daily 'Traffic Control Inspection Report'..." with the following bullet:

Prepares and signs a "Traffic Control Inspection Report" (Form No. 734-2474) upon the initial installation of TCM and each working day when any modification, removal, or reinstallation of TCM are made, or as directed by the Engineer. Submit completed reports to the Engineer no later than the end of the next working day.

SECTION 00224 - TEMPORARY TRAFFIC CHANNELIZING DEVICES

Comply with Section 00224 of the 2024 Oregon Standard Specifications for Construction.

SECTION 00225 - TEMPORARY PAVEMENT MARKINGS

Comply with Section 00225 of the 2024 Oregon Standard Specifications for Construction.

SECTION 00228 - TEMPORARY PEDESTRIAN AND BICYCLIST ROUTING

Comply with Section 00228 of the 2024 Oregon Standard Specifications for Construction modified as follows:

00228.00 Scope - Replace this subsection, except subsection number and title, with the following: In addition to the requirements of Section 00221, this Work consists of furnishing, installing, operating, maintaining, inspecting, and removing temporary devices for accommodating pedestrians and bicyclists through a work zone.

SECTION 00280 - EROSION AND SEDIMENT CONTROL

Delete Section 00280 of the 2024 Oregon Standard Specifications for Construction in its entirety, except for the number and title, and replace it with the following:

00280.00 Scope

Erosion Control shall be constructed as shown in the F sheets within the project plan set.

The Erosion Control Plan Sheets (F01-F02) meet City erosion and sediment control standards, therefore submission of an Erosion and Sediment Control Plan will not be required for this project. The Contractor shall utilize the information provided in F sheets, the specifications, and as directed by the Project Engineer, to implement erosion control measures.

00280.80 Measurement(a) Lump Sum Basis

Measurement of Erosion Control, Bid Item 3, will be on a Lump Sum (LS) Basis.

00280.90 Payment

Erosion Control, Bid Item 3, will be paid on a Lump Sum (LS) basis.

SECTION 00310 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS

Comply with Section 00310 of the 2024 Oregon Standard Specifications for Construction modified as follows:

00310.90 Payment - Replace this subsection, except for the subsection number and title, with the following:

Removal of structures and obstructions shall be incidental. No separate or additional payment will be made for PCC or ACP saw cutting, concrete or asphalt removal, striping removal, and disposal of materials. All removal and disposal of materials will be incidental to construction regardless of depth.

SECTION 00320 – CLEARING AND GRUBBING

Comply with Section 00320 of the 2024 Oregon Standard Specifications for Construction modified as follows:

00320.01 Areas of Work

Delete this section in its entirety and replace it with the following:

The area of clearing and grubbing work for this project is shown on Sheets BA01-BA05 and BC01-BC13

00320.43 Backfilling Holes - Add the following:

The area where the stump and roots are removed at 5143 E St. shall be backfilled with topsoil and re-seeded. This work is incidental to the Clearing and Grubbing, Bid Item 4. (See Sheets BC11, C07)

00320.80 Measurement

Delete this section in its entirety and replace it with the following:

The quantities for clearing and grubbing work performed under this section will be measured according to the Lump Sum Basis. Under this method, no measurement will be made.

00320.90 Payment

At the end of this Section, add the following:

Clearing and grubbing, Bid Item 4, will be paid on the Lump Sum Basis.

SECTION 00490—WORK ON EXISTING SEWERS AND STRUCTURES

Comply with Section 00490 of 2024 Oregon Standard Specifications for Construction modified as follows:

00490.10 Materials - Add the following to this section:

The Contractor shall furnish new frames and lids, and they shall be incidental.

00490.46 Adjusting Manholes - Add the following to this section:

(f) Adjusting Manholes for Pavement – Bid Item 5, Minor Adjustment of Manholes - surround area of asphalt shall be cut in a circle as shown in Springfield Standard Drawing 4-1A unless there is an existing diamond cut. If the edges of the diamond cut are in good condition after excavation, concrete may be placed in the existing diamond cut or circle cut. If the edges or sides of the diamond cut are irregular, a new diamond shall be cut in the pavement as directed by the Engineer.

Manholes (term used interchangeably with "Maintenance Hole") in Portland cement concrete pavement shall receive new diamond cuts. Place 12-inch long #4 reinforcing bar dowels 6 inches into the existing concrete pavement at 24 inches on center in the diamond cut. New rings and lids will be graded, and reinforced concrete surrounds will be placed as shown on Springfield Standard Drawing 4-1A. Concrete for adjusting manholes shall be 4000-psi (minimum) rapid set concrete or other mix design approved by the Engineer.

00490.90 Payment

Payment for Minor Adjustment to Manholes, Bid Item 5, will be paid under specification 00490.90(a).

Payment for Adjusting Boxes, Bid Item 6, will be paid under specification 00490.90(d).

Payment for Adjusting Catch Basins, Bid Item 7, will be paid under specification 00490.90(e).

SECTION 00744 – ASPHALT CONCRETE PAVEMENT

Comply with Section 00744 of the 2024 Oregon Standard Specifications for Construction modified as follows:

00744.00 Scope - Add the following:

Level 3, 1/2-inch Dense Asphalt Concrete Pavement (ACP) shall be the Lane County 2025 Approved Mix.

Level 3, 1/2-inch Dense Asphalt Concrete Pavement (ACP), Bid Item 8, shall match back to existing thickness, including required compacted aggregate base. See Plan Sheets BB01-BB13 for visual representation of the pay limits. Hot Mix ACP shall be used. All work is incidental to existing surfacing replacement and shall be included

in the bid price for ACP. No additional payment will be made for surface damaged or otherwise removed outside the pay width limit.

00744.17 Acceptance - Delete this subsection, except for the number and title, and replace it with the following:

If the average for each mix gradation constituent and asphalt content is within specification limits, the material will be accepted. If the average asphalt content or one or more of the gradation constituents is not within the specification limits, the acceptance or rejection of the material will be determined as shown below.

Testing will be coordinated through representatives from the City of Springfield and Lane County.

The Contractor shall furnish materials and shall perform work in close conformance to the contract documents. If the Project Engineer determines that the materials furnished or the work performed are not in close conformance with the contract documents, the Project Engineer may:

- Reject the materials or work and order the Contractor, at the Contractor's expense, to remove, replace, or otherwise correct any non-conformity; or
- Accept the materials or work as suitable for the intended purpose, adjust the amount paid for applicable material or work to account for diminished cost to the Contractor or diminished value to the City, document the adjustment, and provide written documentation to the Contractor regarding the basis of the adjustment.

00744.90 Payment - Delete this subsection, except for the number and title, and replace it with the following:

The accepted quantity of ACP incorporated into the project will be paid for at the contract unit price, per Ton (TN), for item Level 3, 1/2-inch Dense Asphalt Concrete Pavement (ACP) Mixture, Bid Item 8.

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

No separate or additional payment will be made for:

- Asphalt cement, mineral filler, lime, and anti-stripping or other additives.

Add the following pay item:

<u>Pay Item</u>	<u>Unit of Measurement</u>
(a) Level 3, 1/2-inch Dense Asphalt Concrete Pavement (ACP), Bid Item 8	TON

SECTION 00759 – MISCELLANEOUS PORTLAND CEMENT CONCRETE STRUCTURES

Comply with Section 00759 of the 2024 Oregon Standard Specifications for Construction modified as follows:

00759.00 Scope - Add the following to the end of this subsection:

Removal limits shall be determined in the field by the Engineer prior to removal. Saw-cutting, demolition, disposal of debris, excavation, and landscape restoration (including topsoil, seeding, and bark mulch) are incidental to the following bid items:

4-inch Concrete Sidewalk; Bid Item 9, shall be constructed according to City of Springfield Standard Drawing 3-

12. This item applies only to sidewalk outside Concrete ADA Ramp limits. See Sheets BA01-BA05 and BB01-BB13 for a visual depiction of pay limits for these items. Compacted $\frac{3}{4}$ " – 0" aggregate base shall be used and is incidental to the bid item.

Concrete ADA Ramps; Bid Item 10, shall be constructed according to Plan Sheets BD01-BD13. Sidewalk transition panels shall be paid under 4-inch Concrete Sidewalk, Bid Item 8. See Sheets BB01-BB13 for a visual depiction of pay limits for these items. Compacted $\frac{3}{4}$ " – 0" aggregate base shall be used and is incidental to the bid item. Installation of truncated domes is incidental to the Concrete ADA Ramps bid item.

00759.50(a) General - Add the following paragraphs to the end of this subsection:

Install truncated domes as shown. Place according to the manufacturer's recommendation. Install abutting truncated dome panels with no more than 1/4-inch spacing. Install anchors along cut edges of truncated dome panels according to manufacturer's recommendations.

In addition, finish concrete surfaces of structures to be within the established slopes and dimensions allowed by the standard drawings and plans. Repair or remove and replace structures not meeting the standard drawings and plans at no additional cost to the agency.

Submit a corrective action plan for each non-compliant structure after receiving notice of non-compliance from the Engineer. Perform correction of defects according to 00759.55.

00759.50(c) Driveways, Walks, and Surfacing's - Replace this subsection, except for the subsection number and title, with the following:

Prevent segregation of the concrete during placement. Remove edging tool marks prior to final finishing. Lightly cross-broom the surface to a uniform texture. Do not trowel joints or edges after brooming surface.

The 24-inch smart level will be used to measure driveway and sidewalk cross slopes on the Pedestrian Access Route.

00759.50(d) Curb Ramps - Replace this subsection, except for the subsection number and title, with the following:

Prevent segregation of the concrete during placement. Remove edging tool marks prior to final finishing. Lightly cross-broom the surface to a uniform texture. Do not trowel joints or edges after brooming surface.

The 6-inch smart level will be used to measure curb running slope. The 6-inch smart level will be used to measure slopes on portions of the curb ramp, gutter pan, or adjacent surfaces that cannot accommodate a 24-inch smart level. All other curb ramp locations will use a 24-inch smart level to measure slopes.

Add the following subsection:

00759.55 Correction of Deficient Structures - Unless otherwise approved, notify the Engineer before performing corrective action. Correct deficiencies at no additional cost to the Agency. Perform corrective actions as directed, according to the approved corrective action plan, and according to the following:

- (a) **Minor Corrective Action** - Submit Equipment and procedure for minor corrective action to the Engineer for approval. Minor corrective action can be performed to correct a deficiency up to 1 square foot per panel. Limit minor corrective action to one area per panel. Perform minor corrective action according to the following:

- (1) **Concrete Grinding** - Grinding to correct high area deficiencies is limited to 3/16 inch. Use

equipment meeting the requirements of 00759.23. Resurface all ground concrete surfaces according to 00759.55(a)(2).

(2) **Concrete Resurfacing** - Resurfacing to correct low area deficiencies is limited to 3/16 inch depth. Existing concrete is to be at least 7 Days old prior to resurfacing. Resurface repair areas according to the following:

- a. **Keyway** - Sawcut a keyway at the boundaries of repair areas that are not already defined by panel control joints. Sawcut is to be 1/8 inch wide by 1/4 inch deep. Bevel inside edge of keyway at a 45-degree angle.
- b. **Surface Preparation** - Prepare limits of repair area by grinding using Equipment from 00759.23. After grinding, sandblast the surface of the repair area. Clean the surface using a low-pressure washer, less than 5,000 psi.
- c. **Presoak** - Presoak the repair area for a minimum of 30 minutes to saturated surface dry. Prior to resurfacing, ensure there is no ponding water on the surface.
- d. **Resurface** - Provide concrete resurfacer from the QPL according to 02015.60; refer to QPL remarks to select an appropriate material based on allowable installation depths. Furnish resurfacer in a color that closely matches the color of surrounding concrete surfaces. Mask boundaries of the repair area. Use hand tools to work resurfacer into keyways and match existing grades at boundaries. Apply a light broom finish to achieve a non-slip surface.
- e. **Curing and Return to Traffic** - Wet cure for a minimum of 1 hour or per the manufacturer's recommendation, whichever is more restrictive. Follow manufacturer's recommendation for return to traffic time.

(3) **ACP Grinding** - Taper grind to match existing Pavement with a minimum grinding width of 1 foot for each 1/4 inch of ACP removed.

(b) **Acceptance of Structures** - Once the corrective work or replacement has been completed, acceptance will be based on the Engineer's inspection and approval of the Structure.

00759.80 Measurement – Delete the paragraph titled "Area Basis" in its entirety and replace it with the following:

- **Area Basis** – Measurement will be of the finished surface excluding vertical and/or battered faces, limited to neat Lines shown or directed.

00759.90 Payment –Add the following pay items to the pay item list:

<u>Pay Item</u>	<u>Unit of Measurement</u>
(o) 4-inch Concrete Sidewalk (Bid Item 9)	Square Foot (SF)
(p) Concrete ADA Ramps (Bid Item 10).....	Square Foot (SF)
(q) Concrete Curb and Gutter (Bid Item 11)	Linear Foot (LF)

No separate or additional payment will be made for:

- Curb ramp Working Drawings
- Curb ramp plan
- Preplacement conference
- Concrete form verification

- Any necessary repair or removal and replacement of curb ramps
- Providing supervisory personnel who have an active ODOT ADA Certification for Contractors to directly supervise the curb ramp Work
- Developing corrective action plans

SECTION 00850 - COMMON PROVISIONS FOR PAVEMENT MARKINGS

Comply with Section 00850 of the 2024 Oregon Standard Specifications for Construction.

00850.10 Materials - Replace this subsection, except for the subsection number and title, with the following:

(a) **Thermoplastic**

- (1) **Type B-HS: Preformed, Fused Thermoplastic Film High Skid** - Type B-HS, Preformed Fused Thermoplastic Film High Skid, Pre-Mark Vizigrip (Non-Slip), 125 mil, by Ennis-Flint or approved equivalent for all Type B-HS: Preformed, Fused Thermoplastic Film High Skid items.

Furnish the following Materials from the QPL:

- Adhesive for Pavement Markers
- High Performance Pavement Markings
- Pavement Markers
- Reflective Elements*
- Marking Paint
- Marking Tape

* Reflective elements used with materials other than marking paint are not required to be from the QPL. Use reflective elements according to the manufacturer's recommendations.

00850.47(c) Retro reflectivity - Replace the sentence that begins "Except for paint applications..." with the following sentence:

Except for paint and colored lane marking applications, evaluate longitudinal and transverse marking retro reflectivity according to ODOT TM 777.

SECTION 00867 – TRANSVERSE PAVEMENT MARKINGS – LEGENDS AND BARS

Comply with Section 00867 of the 2024 Oregon Standard Specifications for Construction modified as follows:

00867.00 Scope – Add the following to the end of this subsection:

All new pavement markings shall be completed using City approved thermoplastic material. Contractor shall replace all striping removed or damaged through construction activities outside the removal area at the Contractor’s expense. Removal of existing pavement markings is considered incidental.

It is the Contractor’s responsibility to verify all existing striping locations prior to construction.

00867.45 Installation – Beginning with the sentence “Apply one or more of the following marking material types:” add the following:

Under “**Type B-HS: Preformed, Fused Thermoplastic Film High Skid**” add the following:

Install preformed Thermoplastic Type B-HS, Pre-Mark Vizigrip (Non-Slip)", 125 mil, by Ennis-Flint or approved equivalent, shall be used for the following:

- Pavement Bar Type B-HS: White Arrow (Bid Item 12)
- Pavement Bar Type B-HS: Bicycle Lane Stencil (Bid Item 13)
- Pavement Bar Type B-HS: White 4-inch (Bid Item 14)
- Pavement Bar Type B-HS: White 12-inch (Bid Item 15)

00867.75 Manufacturer’s Warranty – In the sentence which begins “Furnish a manufacturer warranty that unconditionally ...” delete “00170.85(c)(1) and replace it with the following:

Manufacturer Warranties - The Contractor shall furnish warranties from the Manufacturer and signed by a Manufacturer's Representative.

The warranty period will be specified in the applicable Specification Section for which it applies. The warranty period will begin on the date the final payment is issued to the Contractor, unless otherwise specified in the Contract.

When the Agency makes written notification to the Manufacturer of failure of an item covered by this warranty, the warranty period will stop for the effected item or the portion of the effected item that failed, as applicable, until the required repairs or replacements are made and accepted. All repaired or replaced items shall meet current specifications, unless otherwise specified in the Contract, and will be warranted for the remaining warranty period.

If, in the opinion of the Engineer, temporary repairs are necessary, the temporary repairs will be made by the Agency or an independent contractor at the Manufacturer's expense. The Manufacturer shall replace all temporary repairs at no additional cost to the Agency.

The Manufacturer shall provide all required traffic control during repair or replacement of failed items at no additional cost to the Agency. Warranty work shall be performed when weather permits.

Delete the last sentence of the first paragraph which begins “Use Agency-supplied warranty...” in its entirety.

00867.90 Payment - Add the following pay items to the pay item list:

<u>Pay Item</u>	<u>Unit of Measurement</u>
(a) Pavement Bar Type B-HS: White Arrow (Bid Item 12)	Each (EA)
(m) Pavement Bar Type B-HS: Bicycle Lane Stencil (Bid Item 13)	Each (EA)
(t) Pavement Bar Type B-HS: White 4-inch (Bid Item 14)	Foot (FT)
(u) Pavement Bar Type B-HS: White 12-inch (Bid Item 15)	Foot (FT)

No separate or additional payment will be made for stripe, legend, or bar removal as required to install permanent pavement markings as shown.

SECTION 00920 - SIGN SUPPORT FOOTINGS

Comply with Section 00920 of the 2024 Oregon Standard Specifications for Construction modified as follows:

00920.80 Measurement – Delete this section, except for the number and title, and replace it with the following:

All sign support footings shall be considered incidental to Bid Item 16.

SECTION 00930 - METAL SIGN SUPPORTS

Comply with Section 00930 of the 2024 Oregon Standard Specifications for Construction modified as follows:

00930.80 Measurement - Delete this section, except for the number and title, and replace it with the following:

The quantities of Work performed under this section will be measured by quantity of sign support installations. Sign support footings shall be considered incidental to this work.

SECTION 00940 – SIGNS

Comply with Section 00940 of the 2024 Oregon Standard Specifications for Construction.

END OF SECTION