



Oregon

Theodore R. Kulongoski, Governor

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DATE: February 4, 2010

Addenda No. 5

TO: PLAN HOLDERS

PREPARED BY: Original signed by Kit Leshk

APPROVED BY: Original signed by Dale Deatherage, P.E.

SUBJECT: I-84: Sandy River - Jordan Rd - Bundle 210
Columbia River Highway
Multnomah County
Grading, Drainage, Structures, Paving, Signing,
Illumination & Roadside Development Project
(Bids to be opened and read February 18, 2010)

The following change is made to the Project Special Provisions:

Section 00560 - Structural Steel Bridges - This Section is replaced with Section 00560.
(See attachment for full text.)

This change will be included in the Contract for this Project. It is understood that your Bid will be submitted accordingly.

kl:DD

Attachments: Replaced Special Provisions Section 00560

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SECTION 00560 - STRUCTURAL STEEL BRIDGES

Comply with Section 00560 of the Standard Specifications modified as follows:

00560.03 Working Drawings - Add the following subsection:

(c) Bill of Materials - Submit a Bill of Materials for each delivery of structural steel to be used in fabrication of steel box girders. Bill of Materials shall include the calculated weight for each separate plate and a total amount for all plates for which a partial payment is requested. In addition, submit a final Bill of Materials for all structural steel to be furnished for the steel box girders.

To be eligible for partial payments, the structural steel shall:

- Meet Specification requirements;
- Have the required Materials conformance and quality compliance documents on file with the Engineer (see Section 00165);
- Have been delivered to the approved storage site or directly to the fabricator;
- Be in a form ready for incorporation into the fabrication work;
- Be clearly marked and identified as being specifically fabricated, or produced, and reserved for use on the Project; and;

To be eligible for final payment, the structural steel shall:

- Have a certification from the Contractor that the Bill of Materials furnished is complete and includes all structural steel for steel box girders;
- Be consistent with structural steel shown on approved or reviewed working drawings.

Add the following subsection:

00560.05 Storage of Steel - The Contractor has full control and responsibility for the protection of purchased structural steel from the elements and against damage, loss, theft, or other impairment until the entire Project has been completed and accepted by the Agency. If purchased structural steel is damaged, lost, stolen, or otherwise impaired while being transported, stored, or fabricated, the monetary value paid for them, if any, will be deducted from future progress payments. The storage site shall be on property authorized by the Engineer on which the property owner has authorized storage in writing to the Contractor. Provide written authorization from the property owner to the Agency that will allow the Agency to enter upon the property and remove Materials for at least six months after completion of the Project. The Contractor shall furnish a copy of the written authorization to the Agency.

00560.26 Welding - Add the following subsection:

(c) Sealant - Seal all unwelded joint connections of crossframes and stiffeners with a clear one-part silicone sealant meeting the requirements of ASTM C 920, Type S, Grade NS, Class 25.

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00560.42 Cambering - Add the following paragraph at the end of this subsection:

Construct the steel box girders with camber tolerance from 0 inches to +1/2 inch as shown.

00560.43(a) General - Add the following after the last paragraph:

Either Full Girder Assembly or Progressive Girder Assembly may be used for shop assembly.

00560.80 Measurement - Add the following to the end of this subsection:

The estimated quantity of structural steel is:

Structure	Steel Type	Quantity (Pound)
Bridge No. 20878 (EB)	AASHTO M270, Grade 50	4,611,000
Bridge No. 20879 (WB)	AASHTO M270, Grade 50	3,459,000

00560.90 Payment - Replace the paragraph that begins "The accepted quantities..." with the following:

The accepted quantities of structural steel will be paid for at the Contract unit price, per unit of measurement for the following items:

Pay Item	Unit of Measurement
(a) Structural Steel for Trapezoidal Steel Box Girders	Lump Sum
(b) Fabrication and Erection of Structural Steel Girders with Haunch	Lump Sum

Item (a) includes purchasing all structural steel required to fabricate steel box girders, for transporting structural steel, for preparing working drawings, and for storing structural steel according to 00560.05.

Payment for Item (a) will be made as follows:

- Contactor's written request for partial payments shall be accompanied by written consent of the Contractor's Surety.
- With each request for partial payment, Contractor shall provide a Bill of Materials listing material descriptions and weights of all structural steel for which payment is being requested.
- Payment will be made only for structural steel not previously accepted for payment.
- The Contractor shall provide the Engineer with proof of payment to the Materials suppliers for purchased Materials within 30 Calendar Days of the date of the progress payment that includes the partial payment. If proof of payment is not provided, partial payment amounts will be deducted from future progress payments.

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- For final payment, all working drawings for steel box girder structures shall have been submitted according to 00150.35 and 00560.03, and stamped working drawings have been reviewed and unstamped working drawings have been approved by the Engineer.

Item (a) is eligible for inclusion in the steel material price escalation/de-escalation program, as specified in 00195.12, until December 31, 2010. For Item (a) only, the price adjustment, if any, according to 00195.12 will be determined for the month when the structural steel is delivered to the approved storage site or, instead, delivered directly to the fabricator. The Monthly Steel Materials Value (MV) used in the 00195.12 calculation for Item (a) will be for the month when the structural steel is delivered to the approved storage site or, instead, delivered directly to the fabricator. All structural steel delivered to the approved storage site or directly to the fabricator after December 31, 2010 will not be eligible for inclusion in the steel material price escalation/de-escalation program as specified in 00195.12.

Item (b) includes furnishing all other structural steel not included in (a). Item (b) will be payment in full for furnishing all equipment, labor, and incidentals necessary to complete the work as specified, including fabricating, assembling, preparing, coating, transporting and erecting structural steel girder structures; and for designing, furnishing, erecting and removing falsework. Item (b) is not eligible for inclusion in the steel material price escalation/de-escalation program as specified in 00195.12.