ATTENTION: ALL BIDDERS AND PLAN HOLDERS

RE: C 315 – Beaudry Road

ADDENDUM NO. 2

You are hereby notified that the plans and specifications for the above referenced project are amended as explained below.

The Contract Plans are revised as follows:

On sheet 52 of the Contract Plans, the “Point of Service Connection,” is located at Station 21+80, 30’ Lt.

On sheet 52 of the Contract Plans, under the legend revise “Electrical Service Cabinet Type B Modified (per WSDOT Std. Plan J-3B),” to “Electrical Service Cabinet Type B Modified (per Yakima County Standard Plan X).”


The Contract Special Provisions are revised as follows:

On page SP 98 of the Contract Special Provisions, the following is added:

“8-17.2 Materials”
The Contractor may submit an alternative manufacturer for the Permanent Impact Attenuator than specified in the plans to the Engineer for approval. The permanent impact attenuator shall be designed for 45 mph, be able to connect and fit within the Contract Plan’s attenuator pad detail and be able to connect and provide transition to the Geosynthetic Wall Single Slope Barrier.”

On page SP 100 of the Contract Special Provisions, revise the second bullet under “Roadway Service” to read “Three (3) WSDOT 40 ft Light Standards with 6ft Type 1 mast arms, anchor bolts and bridge barrier elbows.”

The Standard Plans is revised as follows:

Yakima County Standard Plan X is added

All bidders shall be required to furnish the Yakima County Engineer with evidence of the receipt of this Addendum. This Addendum shall be incorporated in and made a part of the contract when awarded and formally executed.

Gary Ekstedt, P.E.
County Engineer
125 AMP TYPE 120/240 V SERVICE CABINET

GENERAL NOTES
1. SEE STANDARD SPECIFICATION 9-29-24, SERVICE CABINETS.
2. HINGES SHALL HAVE STAINLESS STEEL OR BRASS PINS.
3. CABINETS SHALL BE RATED NEMA 3R AND SHALL INCLUDE TWO RAIN TIGHT VENTS.
4. METERING EQUIPMENT DOOR SHALL BE PAD LOCKABLE. EACH DOOR SHALL BE GASKETED, INSTALL BEST CX CONSTRUCTION CORE ON RIGHT DOOR. SEE DOOR HINGE DETAIL, SHEET 1 OF 2.
5. THE FOLLOWING EQUIPMENT WITHIN THE SERVICE ENCLOSURE SHALL HAVE AN APPROPRIATELY ENGRAVED PHENOLIC NAME PLATE ATTACHED WITH SCREWS OR RIVETS; KEY NUMBERS 2, 3, 4, 6, 7, 8, 9 AND 16. KEY NUMBER 4 NAME PLATE TO BE "PHOTOCELL BYPASS OFF" AND "PHOTOCELL TEST OFF - AUTOMATIC." SEE SERVICE CABINET DETAIL.
6. METERING ARRANGEMENTS VARY WITH DIFFERENT SERVING UTILITIES. THE CONTRACTOR SHALL VERIFY THE SERVING UTILITY'S REQUIREMENTS PRIOR TO FABRICATION OF AND INSTALLING THE SERVICE EQUIPMENT.
7. DIMENSIONS SHOWN ARE MINIMUM AND SHALL BE ADJUSTED TO ACCOMMODATE THE VARIOUS SIZES OF EQUIPMENT INSTALLED.
8. ALL BUSWORK SHALL BE HIGH GRADE COPPER AND SHALL BE OF THE INNOUS OR EXCEED THE MAIN BREAKER RATING. ALL BREAKERS SHALL BOLT INTO THE BUSWORK. JUMPING OF BREAKERS SHALL NOT BE ALLOWED.
9. BUSWORK SHALL ACCOMMODATE ALL FUTURE EQUIPMENT AS SHOWN IN THE BREAKER SCHEDULE.
10. PHOTOCELL ENCLOSURE TO BE FABRICATED FROM 5/8" EXPANDED STEEL MESH WITH WELDED SEAMS AND MOUNTING FLANGES. HOT DIPPED GALVANIZED AFTER FABRICATION. TYPE 3050 - 13% ALUMINUM WITH 5/8" X 5/8" OPENINGS EQUIVALENT TO 5/8" EXPANDED STEEL MESH MAY BE USED AS ALTERNATIVE MATERIAL. SEE PHOTOCELL ENCLOSURE MOUNTING DETAIL, SHEET 2 OF 2.
11. HINGED FRONT DOOR WITH 4" X 4" MIN. POLISHED WIRE GLASS WINDOW.
12. RIGHT HINGED DEAD FRONT WITH 1/4 TURN FASTENERS OR SLIDE LATCH.
13. CABLE BONDING CHAIN, BUS SHALL BE 4 TWIN TAPPED CABLES. SEE CABLE BONDING CHAIN DETAIL ON SHEET 2 OF 2.
14. SPARE BRANCH BREAKER (CSP2 20 AMP - 120/240 VOLT)
15. METAL WIRING DIAGRAM HOLDER
16. 1/4" DIAMETER BORE HOLE. DRILL BEFORE GALVANIZING.
17. MOUNTING HOLE. SEE SERVICE CABINET MOUNTING DETAILS.
18. 18 CIRCUIT PANEL BOARD - MINIMUM SIZE WITH SEPARATE MAIN BREAKER.
19. LABEL CABINET WITH BUSWORK RATING.

BREAKER SCHEDULE

COMPONENT SCHEDULE: YAKIMA COUNTY MODIFIED (MODIFIED) TYPE "B" SERVICE

1. METER BASE 100 AMP, 4 WATTS, NO LIFE SAFETY SOCKET CONDUCTOR TO VERIFY WITH SERVING UTILITY
2. PANELBOARD 120/240 VAC, 125 AMP, 1 PHASE, 3 WIRE, COPPER BUS, 12 CIRCUITS, BOLT ON BREAKERS.
3. MAIN BREAKER, 100 AMP, 2 POLE
4. 120/240 VAC, 125 AMP, 1 PHASE, 3 WIRE, COPPER BUS, 12 CIRCUITS, BOLT ON BREAKERS.
5. 1-20/2 ILLUMINATION BRANCH
6. 1-50/1 SIGNAL BRANCH
7. 1-15/1 CONTROL CIRCUIT BRANCH
8. GROUND FAULT RECEPTACLE BRANCH
9. CONTACTOR 30A 4 POLE, 120 VAC COIL, 1 required
10. PHOTO ELECTRIC CELL 120 VAC, TWIST LOCK
11. ELECTRONICS CORP. WITH 6" X 6" WIRE MESH GUARD
12. PHOTO CELL BYPASS SWITCH, 15 AMP, 120 VAC, 277 VAC
13. GROUND FAULT RECEPTACLE 20 AMP, 120 VAC, DULPLEX

ELECTRICAL SERVICE CABINET DETAILS

APPROVED BY: County Engineer:

REVISION:

DESCRIPTION:

DATE:

STANDARD PLAN

X

SHEET 1 OF 3
**ELECTRICAL SERVICE CABINET DETAILS**

**APPROVED BY:**

County Engineer: ___________________________ Date: ________________

**REVISION:** ___________________________  **DESCRIPTION:** ___________________________ **DATE:** ________________

**STANDARD PLAN**

X

Sheet 2 of 3
ELECTRICAL SERVICE CABINET DETAILS

APPROVED BY: _______ COUNTY ENGINEER _______ DATE: _______

STANDARD PLAN X

SHEET 3 OF 3