

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: February 17, 2015
Date of Addendum: February 13, 2015

| B.O. | Proposal ID | Proposal Work Type | County | Project Number | Addendum |
|-------------|--------------------|------------------------------|---------------|-----------------------|-----------------|
| 014 | 36-C036-068 | BRIDGE REPLACEMENT - PPCB | FREMONT | BROS-C036(68)--5F-36 | 17FEB014.A01 |

Make the following change to plans.

Replace sheet 3 with the attached sheet 3.

| ESTIMATE REFERENCE INFORMATION | | | ESTIMATE REFERENCE INFORMATION | | |
|--------------------------------|--------------|--|--------------------------------|--------------|--|
| ITEM NO. | ITEM CODE | DESCRIPTION | ITEM NO. | ITEM CODE | DESCRIPTION |
| 1 | 2101-0850001 | CLEARING AND GRUBBING REMOVE TREES & VEGETATION WITHIN THE LIMITS OF CONSTRUCTION, SHOWN ON SHEET 7. | 19 | 2501-6335010 | PREFORMED HOLES THE ABUTMENT PILING ARE TO BE DRIVEN THROUGH OVERSIZED HOLES PREFORMED TO A MINIMUM OF 10 FEET BELOW THE BOTTOM OF FOOTING. SEE "SUMMARY OF BRIDGE QUANTITIES" TABLE ON SHEET 2. |
| 2 | 2102-2710070 | EXCAVATION, CLASS 10, ROADWAY AND BORROW TYPE 24 COMPACTORS REQUIRED FOR BORROW. ALL EXCAVATION FOR OVERWALL WILL BE ALLOWED. QUANTITY INCLUDES AN ALLOWANCE OF 40% FOR SHRINKAGE BORROW SHALL BE CONTRACTOR FURNISHED. SUMMARY OF EARTHWORK IS AS FOLLOWS: BEST APPROACH 53 C.Y. (CUT) 241 C.Y. (FILL + 40%) EAST APPROACH 5 C.Y. (CUT) 3,222 C.Y. (FILL + 40%) 3,217 C.Y. | 20 | 2503-3775036 | GATE, OUTLET CONTROL, FLAP, 36 IN. SEE SHEET 6 FOR LOCATION, METHOD OF MEASUREMENT AND BASIS OF PAYMENT IS EACH FLAP GATE FURNISHED AND INSTALLED. |
| 3 | 2104-2710020 | EXCAVATION, CLASS 10, CHANNEL INCLUDES COSTS TO CLEAR THE CHANNEL TO THE SHAPE, DEPTH, AND EXTENT SHOWN IN THE PLANS. EXCESS MATERIAL MAY BE USED AS ROADWAY BORROW IF DEEMED SUITABLE BY THE ENGINEER. UNUSED MATERIAL SHALL BE DISPOSED OF OFF THE PROJECT SITE ACCORDING TO APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS. QUANTITY OF EXCAVATION IS AS FOLLOWS: 914 C.Y. (CUT) 162 C.Y. (FILL + 40%) 812 C.Y. | 21 | 2505-4008400 | STEEL BEAM GUARDRAIL BARRIER TRANSITION SECTION SEE TAB 108-84 ON SHEET 29. |
| 4 | 2123-7450000 | SHOULDER CONSTRUCTION, EARTH THIS ITEM INCLUDES ALL WORK NECESSARY TO CONSTRUCT AND SHAPE SHOULDER AREAS. REFER TO TAB 112-9 ON SHEET 29 FOR LOCATIONS. | 22 | 2505-4021010 | STEEL BEAM GUARDRAIL END ANCHOR, BOLTED SEE TAB 108-84 ON SHEET 29. |
| 5 | 2312-8260201 | GRANULAR SURFACING ON ROAD, CLASS C GRAVEL QUANTITY IS BASED ON LIMITS SHOWN ON SHEET 6 AT EACH END OF THE NEW BRIDGE. REFER TO 2.GRADEPLAN ON SHEET 28 FOR DETAILS. | 23 | 2505-4021700 | STEEL BEAM GUARDRAIL END TERMINAL SEE TAB 108-84 ON SHEET 29. |
| 6 | 2401-6745625 | REMOVAL OF EXISTING BRIDGE BID ITEM IS FOR THE REMOVAL AND DISPOSAL OF THE EXISTING 348'-7" LONG AND 20'-0" WIDE, 4 SPAN STEEL TRUSS BRIDGE (PWA NO. 10740) @ STA. 104+43.0. ALL CONSTRUCTION ITEMS SHALL BE PROVIDED TO A MINIMUM OF 1'-0" BELOW FINISHED GROUND. ALL REMAINING BRIDGE ITEMS THAT ARE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF THE PROJECT SITE ACCORDING TO APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS. | 24 | 2507-2638650 | BRIDGE WING ARMORING - EROSION STONE INCLUDES FURNISHING AND PLACING ENGINEERING FABRIC, EROSION STONE, AND ALL REQUIRED EXCAVATING, SHAPING AND COMPACTING FOR WING ARMORING. SEE SHEET 26 FOR DETAILS. |
| 7 | 2402-2720000 | EXCAVATION, CLASS 20 THIS ITEM INCLUDES EXCAVATION REQUIRED FOR CONSTRUCTION OF THE ABUTMENT FOOTINGS. SEE "SUMMARY OF BRIDGE QUANTITIES" TABLE ON SHEET 2 FOR EXCAVATION QUANTITY AT EACH ABUTMENT. | 25 | 2507-3250005 | ENGINEERING FABRIC ENGINEERING FABRIC SHALL BE MATERIAL AS SPECIFIED FOR EMBANKMENT EROSION CONTROL IN ACCORDANCE WITH ARTICLE 496.00(2) OF THE STANDARD SPECIFICATIONS. IT SHALL BE PLACED UNDERNEATH AND AT THE LIMITS OF CLASS E REDEMPTION. SEE SHEET 5 FOR DETAILS. |
| 8 | 2402-2721000 | EXCAVATION, CLASS 21 THIS ITEM INCLUDES EXCAVATION REQUIRED FOR CONSTRUCTION OF THE PIER FOOTINGS. SEE "SUMMARY OF BRIDGE QUANTITIES" TABLE ON SHEET 2 FOR EXCAVATION QUANTITY AT EACH PIER. | 26 | 2507-6800061 | REDEMPTION, CLASS E ESTIMATED AT 1.6 TON/CY. SEE SHEET 5 FOR PLACEMENT DETAILS AND LIMITS. |
| 9 | 2403-0100010 | STRUCTURAL CONCRETE (BRIDGE) INCLUDES FURNISHING AND PLACING SUBRAIN (INCLUDING EXCAVATION), FLOODABLE BACKFILL, POROUS BACKFILL, GEOTEXTILE FABRIC, WATER FLOODING, AND SUBRAIN OUTLET AT ABUTMENTS AND TOE OF BEAM. INCLUDES FURNISHING AND PLACING CONCRETE SEALER. THE CONTRACTOR SHALL PROVIDE CERTIFIED PLANT INSPECTION FOR THE CONCRETE USED IN THE BRIDGE CONSTRUCTION. THE COST OF THIS INSPECTION SHALL BE INCIDENTAL TO THIS ITEM. | 27 | 2518-6910000 | SAFETY CLOSURE THIS ITEM SHALL INCLUDE PROVIDING, INSTALLING, MAINTAINING, AND REMOVING SAFETY CLOSURES ACCORDING TO IOWA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AT THE LOCATIONS INDICATED IN TAB 108-13A ON SHEET 29. |
| 10 | 2404-7775000 | REINFORCING STEEL SEE "SUMMARY OF BRIDGE QUANTITIES" TABLE ON SHEET 2. | 28 | 2526-6285000 | CONSTRUCTION SURVEY FURNISH ALL SURVEY NECESSARY FOR CONSTRUCTION OF THE PROJECT. |
| 11 | 2404-7775005 | REINFORCING STEEL, EPOXY COATED ALL OPEN RAIL REINFORCING STEEL IS TO BE INCLUDED. SEE "SUMMARY OF BRIDGE QUANTITIES" TABLE ON SHEET 2. | 29 | 2528-8445110 | TRAFFIC CONTROL THIS ITEM SHALL INCLUDE FURNISHING, INSTALLING, MAINTAINING, AND REMOVING SIGNING. REFER TO THE TRAFFIC CONTROL PLAN ON SHEET 4. |
| 12 | 2407-0562895 | BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BT095 NONSTANDARD STIRRUP LENGTHS ARE USED FOR THIS BEAM. INCLUDES 1/8 INCH NEOPRENE SHEETS. | 30 | 2533-4980005 | MOBILIZATION --- |
| 13 | 2407-0562900 | BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BT0100 NONSTANDARD STIRRUP LENGTHS ARE USED FOR THIS BEAM. INCLUDES 1/8 INCH NEOPRENE SHEETS. | 31 | 2601-2634100 | MULCHING REFER TO TAB 100-11 ON SHEET 28 FOR DETAILS. |
| 14 | 2408-7800000 | STRUCTURAL STEEL INCLUDES PIER AND ABUTMENT BEARING MATERIAL. INCLUDES 1/8 INCH NEOPRENE SHEETS. | 32 | 2601-2636043 | SEEDING AND FERTILIZING (RURAL) SEEDING SHALL MEET THE REQUIREMENTS SET FORTH IN IDOT 2012 STANDARD SPECIFICATIONS AND ANY APPLICABLE SUPPLEMENTAL SPECIFICATIONS. THE CONTRACTOR SHALL VERIFY WITH THE ENGINEER ALL AREAS TO BE SEED PRIOR TO COMMENCING ANY WORK ON THIS ITEM. REFER TO TAB 100-11 ON SHEET 28 FOR DETAILS. |
| 15 | 2414-6424124 | CONCRETE OPEN RAILING, TL-4 CONTRACTOR TO PROVIDE CERTIFIED PLANT INSPECTION. THE COST OF THIS INSPECTION SHALL BE INCIDENTAL TO THIS ITEM. ALL STRUCTURAL CONCRETE FOR THE RAIL IS TO BE CLASS C; SUBSTITUTION OF CLASS D CONCRETE IS NOT ALLOWED. SEE "SUMMARY OF BRIDGE QUANTITIES" TABLE ON SHEET 2. | 33 | 2602-0000020 | SILT FENCE REFER TO TAB 100-17 ON SHEET 29. THE TABULATION INCLUDES ESTIMATED LOCATIONS FOR PLACEMENT OF "SILT FENCE" TO ADDRESS EROSION TO BE ENCOUNTERED DURING CONSTRUCTION. VERIFY THE SPECIFIC LOCATIONS WITH THE ENGINEER PRIOR TO BEGINNING PLACEMENT. BID ITEM INCLUDES 2% ADDITIONAL QUANTITY FOR FIELD ADJUSTMENTS AND REPLACEMENTS. REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS REFER TO TAB 100-17 ON SHEET 29 FOR DETAILS. THIS ITEM IS INCLUDED FOR SILT FENCE FOR DITCH CHECK REMOVAL REQUIRED FOR STAGING REASONS. REMOVAL TO ALLOW FOR REPLACEMENT (REPLACEMENT TO BE PAID FOR SEPARATELY), OR FOR AREAS THAT HAVE ACHIEVED 70% PERMANENT GROWTH. |
| 16 | 2417-0330036 | APRON, SAFETY SLOPE, 36 IN. DIA. --- | 34 | 2602-0000071 | MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK THIS ITEM IS INCLUDED FOR CLEAN-OUT AND REPAIR OF THE SILT FENCE AND SILT FENCE FOR DITCH CHECKS DURING THE GRADING PROJECT. REFER TO TAB 100-17 ON SHEET 25 FOR DETAILS. |
| 17 | 2417-1040036 | CULVERT, CORRUGATED METAL ENTRANCE PIPE, 36 IN. DIA. SEE SHEET NO. 6 FOR LOCATION AND FLOWLINE ELEVATIONS. | 35 | 2602-0000101 | MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK THIS ITEM IS INCLUDED FOR CLEAN-OUT AND REPAIR OF THE SILT FENCE AND SILT FENCE FOR DITCH CHECKS DURING THE GRADING PROJECT. REFER TO TAB 100-17 ON SHEET 25 FOR DETAILS. |
| 18 | 2501-0201057 | PILES, STEEL, HP 10 x 57 SEE "SUMMARY OF BRIDGE QUANTITIES" TABLE ON SHEET 2. | 36 | 2602-0000212 | FLOATING SILT CURTAIN (WINGING) REFER TO TAB 100-10 ON SHEET 29 FOR DETAILS. REFER TO DEVELOPMENTAL SPECIFICATIONS DS-12047. |
| | | | 37 | 2602-0000240 | MAINTENANCE OF FLOATING SILT CURTAIN REFER TO TAB 100-10 ON SHEET 29 FOR DETAILS. REFER TO DEVELOPMENTAL SPECIFICATIONS DS-12047. |
| | | | 38 | 2602-0010010 | MOBILIZATIONS, EROSION CONTROL --- |

DESIGN FOR 30° SKEW, R.A.
**299'-0 X 30'-0 PRETENSIONED
PRESTRESSED CONCRETE BEAM BRIDGE**
96'-0 & 101'-0 END SPANS
102'-0 INTERIOR SPAN
ESTIMATE REFERENCE INFORMATION
DECEMBER, 2014
STA. 105+28.95
FREMONT COUNTY