

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: May 16, 2017
Date of Addendum: May 10, 2017

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
003	30-C030-051	RCB CULVERT - REPAIR	Dickinson	TAP-R-C030 (051) --8T-30	16MAY003A01

Make the following changes to the plan:

REPLACE SHEET NUMBER V.02 with the attached SHEET NUMBER V.02.

Summary of change to the plan:

Update Item Numbers on Sheet V.02 under DIVISION 3 – ESTIMATE REFERENCE INFORMATION – BRIDGE 2.

All fasteners, bolts, plates, and connections necessary for installation of timber fence shall be considered incidental to the timber fence bid item.

DIVISION 3 - ESTIMATE REFERENCE INFORMATION - BRIDGE 2

ITEM NO.

- INCLUDES COST FOR CONTRACTOR TO PROVIDE CERTIFIED PLANT INSPECTION FOR ALL CONCRETE.
- INCLUDES ALL LABOR AND MATERIALS ASSOCIATED WITH FURNISHING AND PLACING THE REINFORCING STEEL FOR THE NEW BRIDGE DECK.
- INCLUDES ALL COSTS ASSOCIATED WITH FURNISHING AND INSTALLING ALL CLOSURE POUR ANGLES, PLATES, BOLTS, NUTS, AND WASHERS. ALL WELDS ASSOCIATED WITH FENCE INSTALLATION SHALL BE CONSIDERED INCIDENTAL TO THIS ITEM.
- ALL TREATED LUMBER FOR THIS PROJECT SHALL BE TREATED PER IOWA DOT SPECIFICATION SECTION 2409 AND 4160. ENDS AND EDGES OF FIELD CUT MEMBERS SHALL BE FIELD TREATED WITH TWO COATS OF PRESERVATIVE AS DESCRIBED IN DOT SPECIFICATION SECTION 2409.03. ALL MATERIALS SHALL BE EITHER DOUGLAS FIR OR SOUTHERN PINE, NO. 2 GRADE OR BETTER. THE QUANTITY OF TREATED LUMBER IS ESTIMATED BASED ON VISUAL OBSERVATION, AND INCLUDES THE QUANTITY OF EXISTING DECK TIES TO BE REMOVED AND REPLACED. IT IS ESTIMATED THAT 10 DECK TIES DAMAGED BY DETERIORATION OR IMPACT DAMAGE ARE TO BE REMOVED AND REPLACED. AN ALLOWANCE OF 10 ADDITIONAL DECK TIES IS INCLUDED FOR REMOVAL AND REPLACEMENT. THE REPLACEMENT DECK TIES SHALL MATCH THE DIMENSIONS OF THE EXISTING TIES. THE ACTUAL NUMBER OF DECK TIES TO BE REMOVED AND REPLACED SHALL BE DELINEATED BY THE CONTRACTOR AT THE TIME OF CONSTRUCTION WITH MEASURED LENGTHS FOR EACH REMOVAL AND LOCATIONS DENOTED ON THE RECORD DRAWINGS, FOR APPROVAL BY THE ENGINEER. INCLUDES COST TO PROVIDE AND INSTALL TREATED LUMBER SHIMS AT REPLACEMENT DECK TIES TO MATCH (WITHIN $\frac{1}{8}$ ") TOP OF REPLACEMENT DECK TIES WITH TOP OF EXISTING ADJACENT DECK TIES. THIS COST IS INCIDENTAL TO COST FOR TREATED LUMBER AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.
- THIS WORK SHALL BE COMPLETED AS DETAILED AND NOTED IN THESE PLANS. ALL LUMBER FOR TIMBER FENCE SHALL BE TREATED PER IOWA DOT SPECIFICATION SECTION 2409 AND 4160. ENDS AND EDGES OF FIELD CUT MEMBERS SHALL BE FIELD TREATED WITH TWO COATS OF PRESERVATIVE AS DESCRIBED IN DOT SPECIFICATION SECTION 2409.03. ALL MATERIALS SHALL MEET THE MINIMUM REQUIREMENTS NOTED IN THESE PLANS. ALL FASTENERS, BOLTS, PLATES, AND CONNECTIONS, NECESSARY FOR INSTALLATION OF TIMBER FENCE SHALL BE CONSIDERED INCIDENTAL TO THIS BID ITEM. TIMBER FENCE SHALL BE MEASURED ON A PER FOOT BASIS. THE CONTRACTOR WILL BE PAID THE CONTRACT UNIT PRICE PER LINEAR FOOT INSTALLED PER PLAN REQUIREMENTS. THIS PAYMENT SHALL BE CONSIDERED FULL COMPENSATION FOR ALL MATERIALS, LABOR, TOOLS, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.
- THIS WORK SHALL BE COMPLETED AS DETAILED AND NOTED IN THESE PLANS. DECKING SHALL BE ORIENTED AS DETAILED IN THESE PLANS. ALL WELDS AND SCREWS NECESSARY FOR INSTALLATION OF STEEL DECKING SHALL BE CONSIDERED INCIDENTAL TO THIS BID ITEM. INCLUDES COST TO FURNISH AND INSTALL GALVANIZED CLOSURE POUR END ANGLES AT ABUTMENTS. THIS ITEM WILL NOT BE MEASURED SEPARATELY FOR PAYMENT BUT IS CONSIDERED INCIDENTAL TO THIS BID ITEM. THE ENGINEER WILL MEASURE IN SQUARE FEET THE AREA OF $1\frac{1}{2}$ "x20 GA. STEEL DECKING INSTALLED. THE CONTRACTOR WILL BE PAID THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR THE $1\frac{1}{2}$ "x20 GA. STEEL DECKING INSTALLED PER PLAN REQUIREMENTS. THIS PAYMENT SHALL BE CONSIDERED FULL COMPENSATION FOR ALL MATERIALS, LABOR, TOOLS, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.

DIVISION 4 - ESTIMATE REFERENCE INFORMATION - CULVERT 3

ITEM NO.

- THE ENGINEER WILL MEASURE IN LINEAR FEET THE LENGTH OF CRACK INJECTED. THE CONTRACTOR WILL BE PAID THE CONTRACT UNIT PRICE PER LINEAR FEET FOR THE EPOXY CRACK INJECTION. THIS PAYMENT SHALL BE CONSIDERED FULL COMPENSATION FOR ALL MATERIALS, LABOR, TOOLS, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.

DIVISION 6 - ESTIMATE REFERENCE INFORMATION - CULVERT 5

ITEM NO.

- THE ENGINEER WILL MEASURE IN LINEAR FEET THE LENGTH OF CRACK INJECTED. THE CONTRACTOR WILL BE PAID THE CONTRACT UNIT PRICE PER LINEAR FEET FOR THE EPOXY CRACK INJECTION. THIS PAYMENT SHALL BE CONSIDERED FULL COMPENSATION FOR ALL MATERIALS, LABOR, TOOLS, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.

DIVISION 7 - ESTIMATE REFERENCE INFORMATION - CULVERT 6

ITEM NO.

- THE ENGINEER WILL MEASURE IN LINEAR FEET THE LENGTH OF CRACK INJECTED. THE CONTRACTOR WILL BE PAID THE CONTRACT UNIT PRICE PER LINEAR FEET FOR THE EPOXY CRACK INJECTION. THIS PAYMENT SHALL BE CONSIDERED FULL COMPENSATION FOR ALL MATERIALS, LABOR, TOOLS, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.

DIVISION 8 - ESTIMATE REFERENCE INFORMATION - CULVERT 7

ITEM NO.

- INCLUDES COST FOR CONTRACTOR TO PROVIDE CERTIFIED PLANT INSPECTION FOR ALL CONCRETE. INCLUDES 50% INCREASE FOR UNEVEN SLAB. REMOVAL OF PLANT GROWTH INCIDENTAL TO THIS BID ITEM.
- INCLUDES ALL LABOR AND MATERIALS ASSOCIATED WITH FURNISHING AND PLACING THE REINFORCING STEEL FOR THE NEW CULVERT SLAB.
- THE ENGINEER WILL MEASURE EACH NUMBER OF THE DRILLED IN DOWELS COMPLETED. THE CONTRACTOR SHALL BE PAID THE CONTRACT UNIT PRICE FOR THE DRILLED IN DOWELS COMPLETED, PRICE AND PAYMENT SHALL BE CONSIDERED FULL COMPENSATION FOR ALL MATERIAL (INCLUDES EPOXY), LABOR, TOOLS, AND EQUIPMENT NECESSARY TO COMPLETE THE WORK. REINFORCING STEEL INCLUDED WITH BID ITEM "REINFORCING STEEL".

DIVISION 9 - ESTIMATE REFERENCE INFORMATION - BRIDGE 8

ITEM NO.

- INCLUDES COST FOR CONTRACTOR TO PROVIDE CERTIFIED PLANT INSPECTION FOR ALL CONCRETE.
- INCLUDES ALL LABOR AND MATERIALS ASSOCIATED WITH FURNISHING AND PLACING THE REINFORCING STEEL FOR THE NEW BRIDGE DECK.
- INCLUDES ALL COSTS ASSOCIATED WITH FURNISHING AND INSTALLING ALL CLOSURE POUR ANGLES, PLATES, BOLTS, NUTS, AND WASHERS. ALL WELDS ASSOCIATED WITH FENCE INSTALLATION SHALL BE CONSIDERED INCIDENTAL TO THIS ITEM.
- ALL TREATED LUMBER FOR THIS PROJECT SHALL BE TREATED PER IOWA DOT SPECIFICATION SECTION 2409 AND 4160. ENDS AND EDGES OF FIELD CUT MEMBERS SHALL BE FIELD TREATED WITH TWO COATS OF PRESERVATIVE AS DESCRIBED IN DOT SPECIFICATION SECTION 2409.03. ALL MATERIALS SHALL BE EITHER DOUGLAS FIR OR SOUTHERN PINE, NO. 2 GRADE OR BETTER. THE QUANTITY OF TREATED LUMBER IS ESTIMATED BASED ON VISUAL OBSERVATION, AND INCLUDES THE QUANTITY OF EXISTING DECK TIES TO BE REMOVED AND REPLACED. IT IS ESTIMATED THAT 13 DECK TIES DAMAGED BY DETERIORATION OR IMPACT DAMAGE ARE TO BE REMOVED AND REPLACED. AN ALLOWANCE OF 10 ADDITIONAL DECK TIES IS INCLUDED FOR REMOVAL AND REPLACEMENT. THE REPLACEMENT DECK TIES SHALL MATCH THE DIMENSIONS OF THE EXISTING TIES. THE ACTUAL NUMBER OF DECK TIES TO BE REMOVED AND REPLACED SHALL BE DELINEATED BY THE CONTRACTOR AT THE TIME OF CONSTRUCTION WITH MEASURED LENGTHS FOR EACH REMOVAL AND LOCATIONS DENOTED ON THE RECORD DRAWINGS, FOR APPROVAL BY THE ENGINEER. INCLUDES COST TO PROVIDE AND INSTALL TREATED LUMBER SHIMS AT REPLACEMENT DECK TIES TO MATCH (WITHIN $\frac{1}{8}$ ") TOP OF REPLACEMENT DECK TIES WITH TOP OF EXISTING ADJACENT DECK TIES. THIS COST IS INCIDENTAL TO COST FOR TREATED LUMBER AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.
- THE ENGINEER WILL MEASURE IN LINEAR FEET THE LENGTH OF CRACK INJECTED. THE CONTRACTOR WILL BE PAID THE CONTRACT UNIT PRICE PER LINEAR FEET FOR THE EPOXY CRACK INJECTION. THIS PAYMENT SHALL BE CONSIDERED FULL COMPENSATION FOR ALL MATERIALS, LABOR, TOOLS, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.
- THIS WORK SHALL BE COMPLETED AS DETAILED AND NOTED IN THESE PLANS. DECKING SHALL BE ORIENTED AS DETAILED IN THESE PLANS. ALL WELDS AND SCREWS NECESSARY FOR INSTALLATION OF STEEL DECKING SHALL BE CONSIDERED INCIDENTAL TO THIS BID ITEM. INCLUDES COST TO FURNISH AND INSTALL GALVANIZED CLOSURE POUR END ANGLES AT ABUTMENTS. THIS ITEM WILL NOT BE MEASURED SEPARATELY FOR PAYMENT BUT IS CONSIDERED INCIDENTAL TO THIS BID ITEM. THE ENGINEER WILL MEASURE IN SQUARE FEET THE AREA OF $1\frac{1}{2}$ "x20 GA. STEEL DECKING INSTALLED. THE CONTRACTOR WILL BE PAID THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR THE $1\frac{1}{2}$ "x20 GA. STEEL DECKING INSTALLED PER PLAN REQUIREMENTS. THIS PAYMENT SHALL BE CONSIDERED FULL COMPENSATION FOR ALL MATERIALS, LABOR, TOOLS, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.

DIVISION 10 - ESTIMATE REFERENCE INFORMATION - BRIDGE 9

ITEM NO.

- INCLUDES COST FOR CONTRACTOR TO PROVIDE CERTIFIED PLANT INSPECTION FOR ALL CONCRETE. ABUTMENT CLEANING INCIDENTAL TO THIS BID ITEM.
- INCLUDES ALL LABOR AND MATERIALS ASSOCIATED WITH FURNISHING AND PLACING THE REINFORCING STEEL FOR THE NEW BRIDGE DECK.
- INCLUDES ALL COSTS ASSOCIATED WITH FURNISHING AND INSTALLING ALL CLOSURE POUR ANGLES, PLATES, BOLTS, NUTS, AND WASHERS. ALL WELDS ASSOCIATED WITH FENCE INSTALLATION SHALL BE CONSIDERED INCIDENTAL TO THIS ITEM.
- ALL TREATED LUMBER FOR THIS PROJECT SHALL BE TREATED PER IOWA DOT SPECIFICATION SECTION 2409 AND 4160. ENDS AND EDGES OF FIELD CUT MEMBERS SHALL BE FIELD TREATED WITH TWO COATS OF PRESERVATIVE AS DESCRIBED IN DOT SPECIFICATION SECTION 2409.03. ALL MATERIALS SHALL BE EITHER DOUGLAS FIR OR SOUTHERN PINE, NO. 2 GRADE OR BETTER. THE QUANTITY OF TREATED LUMBER IS ESTIMATED BASED ON VISUAL OBSERVATION, AND INCLUDES THE QUANTITY OF EXISTING DECK TIES TO BE REMOVED AND REPLACED. IT IS ESTIMATED THAT 8 DECK TIES DAMAGED BY DETERIORATION OR IMPACT DAMAGE ARE TO BE REMOVED AND REPLACED. AN ALLOWANCE OF 12 ADDITIONAL DECK TIES IS INCLUDED FOR REMOVAL AND REPLACEMENT. THE REPLACEMENT DECK TIES SHALL MATCH THE DIMENSIONS OF THE EXISTING TIES. THE ACTUAL NUMBER OF DECK TIES TO BE REMOVED AND REPLACED SHALL BE DELINEATED BY THE CONTRACTOR AT THE TIME OF CONSTRUCTION WITH MEASURED LENGTHS FOR EACH REMOVAL AND LOCATIONS DENOTED ON THE RECORD DRAWINGS, FOR APPROVAL BY THE ENGINEER. INCLUDES COST TO PROVIDE AND INSTALL TREATED LUMBER SHIMS AT REPLACEMENT DECK TIES TO MATCH (WITHIN $\frac{1}{8}$ ") TOP OF REPLACEMENT DECK TIES WITH TOP OF EXISTING ADJACENT DECK TIES. THIS COST IS INCIDENTAL TO COST FOR TREATED LUMBER AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.
- THIS WORK SHALL BE COMPLETED AS DETAILED AND NOTED IN THESE PLANS. DECKING SHALL BE ORIENTED AS DETAILED IN THESE PLANS. ALL WELDS AND SCREWS NECESSARY FOR INSTALLATION OF STEEL DECKING SHALL BE CONSIDERED INCIDENTAL TO THIS BID ITEM. INCLUDES COST TO FURNISH AND INSTALL GALVANIZED CLOSURE POUR END ANGLES AT ABUTMENTS. THIS ITEM WILL NOT BE MEASURED SEPARATELY FOR PAYMENT BUT IS CONSIDERED INCIDENTAL TO THIS BID ITEM. THE ENGINEER WILL MEASURE IN SQUARE FEET THE AREA OF $1\frac{1}{2}$ "x20 GA. STEEL DECKING INSTALLED. THE CONTRACTOR WILL BE PAID THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR THE $1\frac{1}{2}$ "x20 GA. STEEL DECKING INSTALLED PER PLAN REQUIREMENTS. THIS PAYMENT SHALL BE CONSIDERED FULL COMPENSATION FOR ALL MATERIALS, LABOR, TOOLS, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.

DICKINSON COUNTY TRAIL
ESTIMATE BRIDGE QUANTITIES

DICKINSON COUNTY

JANUARY, 2017