

ITEM 514 – ADDITIONAL REQUIREMENTS (CONTINUED)

ALL REQUIREMENTS OF THESE SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO PREPARATION OF CONTAINMENT PLANS, SOLVENT CLEANING, STRIPE COATING, PACK RUST REPAIR, AND CAULKING ARE CONSIDERED INCIDENTAL TO THE CONTRACT WORK AND SHALL BE ACCOUNTED FOR IN THE PRICES FOR THE PAY ITEMS LISTED ABOVE.

ITEM 513 – STRUCTURAL STEEL

CONTINGENCY QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE REPAIR OF DEFICIENT STRUCTURAL MEMBERS THAT MIGHT BE ENCOUNTERED DURING THE SURFACE PREPARATION PHASE PRIOR TO THE PAINTING OF THE BRIDGE. THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK UNDER THIS ITEM UNLESS AUTHORIZED BY THE ENGINEER.

ITEM 530 – SPECIAL STRUCTURE MISC:

SALT REMEDIATION FOR STRUCTURAL STEEL PAINTING

IN ADDITION TO THE REQUIREMENTS OF C&MS 514.13 SURFACE PREPARATION, TEST EXISTING STEEL SURFACES FOR CHLORIDE CONTAMINANTS, SOLUBLE FERROUS ION LEVELS, AND SULFATE CONTAMINANTS PRIOR TO COATING APPLICATION.

USE RELIABLE, REPRODUCIBLE TEST METHODS. THESE TESTS SHALL USE EXTRACT SOLUTIONS THAT ARE ACIDIC, FACTORY PRE-MEASURED, PRE-PACKAGED AND OF UNIFORM CONCENTRATION. THE SOLUTIONS SHALL BE MERCURY FREE. THE EXTRACTION TEST CONTAINER SHALL CREATE A SEALED, ENCAPSULATED ENVIRONMENT DURING SALT ION EXTRACTION FROM HORIZONTAL, VERTICAL, CURVED, SMOOTH, PITTED AND ROUGH STEEL SURFACES. ALL SALT ION CONCENTRATION SHALL BE DIRECTLY MEASURED IN MICROGRAMS PER SQUARE CENTIMETER OR GAINS PER SQUARE INCH.

PERFORM THREE TESTS FOR THE FIRST 1000 SQUARE FEET AND ONE TEST FOR EACH ADDITIONAL 2000 SQUARE FEET OR PART THEREOF. THE ENGINEER WILL SELECT TEST LOCATIONS AT AREAS OF COATING FAILURE AND AREAS OF CORROSION PITTING.

RE-BLAST TESTED AND CLEANED AREAS AND RE-TEST UNTIL ALL REQUIRED TESTS SHOW RESULTS LESS THAN 7 MICROGRAMS PER SQUARE CENTIMETER (0.0007 GRAINS PER SQUARE INCH) OF CHLORIDE CONTAMINANTS, LESS THAN 10 MICROGRAMS PER SQUARE CENTIMETER (0.001 GRAINS PER SQUARE INCH) OF SOLUBLE FERROUS ION LEVELS, OR LESS THAN 17 MICROGRAMS PER SQUARE CENTIMETER (0.0017 GRAINS PER SQUARE INCH) OF SULFATE CONTAMINANTS. METHODS OF REMOVAL OF SOLUBLE SALT CONTAMINATION MAY INCLUDE ABRASIVE BLAST CLEANING, HIGH PRESSURE WATER RINSING, STEAM CLEANING, AND CLEANING USING A SOLUTION OF WATER WASHING AND SOLUBLE SALTS REMOVER. THE SOLUBLE SALTS REMOVER SHALL BE BIODEGRADABLE, NONCORROSIVE, AND AFTER APPLICATION, SHALL NOT INTERFERE WITH PRIMER ADHESION.

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CONTAIN, COLLECT, CHARACTERIZE AND LEGALLY DISPOSE OF ALL WASTE WATER AND SLUDGE GENERATED DURING THE WORK. DO NOT MIX WASTE WATER WITH STORM WATER. DO NOT DISCHARGE ANY WASTE WATER WITHOUT THE APPROPRIATE REGULATORY PERMITS. MANAGE WASTE WATER AND SLUDGE IN ACCORDANCE WITH ORC CHAPTER 6111 AND ALL OTHER LAWS, REGULATIONS, PERMITS AND LOCAL ORDINANCES RELATING TO THIS WASTE. WASTE WATER MANAGEMENT IS INCIDENTAL TO THE WORK UNLESS OTHERWISE SPECIFIED IN THE CONTRACT.

PAYMENT FOR THIS ITEM SHALL INCLUDE ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY FOR THE TESTING, REMOVAL, CONTAINMENT, COLLECTION, CHARACTERIZATION AND DISPOSAL OF THE SOLUBLE SALT CONTAMINATION FROM THE STRUCTURAL STEEL PAINTING. STRUCTURAL STEEL ON A PER HOUR BASIS FOR ITEM SPECIAL STRUCTURE MISC.: SALT REMEDIATION FOR STRUCTURAL STEEL PAINTING

ITEM 614 – MAINTAINING TRAFFIC

THE MAKING OF THIS IMPROVEMENT SHALL MAINTAIN ACCESS THROUGHOUT THE PROJECT WITH CLOSER LIMITED TO ONE LANE. PORTABLE TRAFFIC LIGHTS ARE REQUIRED TO HELP MAINTAIN TRAFFIC CONTROL.

ALL CONSTRUCTION TRAFFIC CONTROL DEVICES USED FOR THIS PROJECT SHALL CONFORM TO THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR THE STREETS AND HIGHWAYS, AND SHALL BE FURNISHED, ERECTED, MAINTAINED, AND REMOVED BY THE CONTRACTOR, EXCEPT AS NOTED BELOW.

THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY SAFEGUARDS, SUCH AS LIGHTING, FLAGGERS, AND SUCH OTHER TRAFFIC CONTROL DEVICES AS PROVIDED IN ITEM 614-MAINTAINING TRAFFIC, SO AS TO AVOID DAMAGE AND/OR INJURY TO VEHICLES AND PERSONS USING THE ROADWAY DURING CONSTRUCTION.

ADVANCED TRAFFIC SIGNS AND SUPPORTS, CONSTRUCTION WORK ZONE APPROACH SIGNING, BARRICADES AND SIGNS SHALL BE FURNISHED, ERECTED, MAINTAINED, AND SUBSEQUENTLY REMOVED BY THE CONTRACTOR.

FLUORESCENT ORANGE TYPE G SIGN SHEETING SHALL BE USED FOR ALL CONSTRUCTION WARNING SIGNS.

PAYMENT FOR ALL LABOR, EQUIPMENT, AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614-MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

POLLUTION CONTROL

THE CONTRACTOR SHALL FURNISH AND INSTALL POLLUTION CONTROL DEVICES AND TAKE ALL NECESSARY PRECAUTIONS TO PREVENT WATER AND AIR POLLUTION DUE TO HIS/HER CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL ASSUME FULL AND COMPLETE RESPONSIBILITY FOR ANY DELAY IN WORK AND DAMAGES WHICH MAY OCCUR DUE TO HIS/HER NON-COMPLIANCE OF CURRENT LOCAL, STATE, AND FEDERAL WATER AND AIR POLLUTION LAWS.

THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT ANY DEBRIS OR OTHER MATERIAL FROM ENTERING THE MAUMEE RIVER. THESE PRECAUTIONS MAY INCLUDE, BUT ARE NOT LIMITED TO NETTING, FALSEWORK, AND MATS. ANY MATERIAL WHICH ACCIDENTALLY ENTERS THE MAUMEE RIVER SHALL BE REMOVED IMMEDIATELY.

THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR APPROVAL, BEFORE STARTING ANY PROJECT WORK, DETAILED PROCEDURES AND PLANS FOR THE POLLUTION CONTROL WORK WITH INFORMATION AS TO EQUIPMENT, METHODS AND MATERIALS TO BE USED. THE REVIEW AND APPROVAL BY THE ENGINEER SHALL NOT RELIEVE THE CONTRACTOR

OF HIS/HER FULL RESPONSIBILITY TO EMPLOY CORRECT POLLUTION CONTROL MEASURES.

NO SEPARATE PAYMENT SHALL BE MADE FOR ANY POLLUTION CONTROL WORK AS DESCRIBED ABOVE. THE COST THEREOF SHALL BE INCLUDED IN THE COST OF OTHER PERTINENT ITEMS OF WORK FOR THIS PROJECT.

ITEM 832 – EROSION CONTROL

THE FOLLOWING ESTIMATED QUANTITY IS PROVIDED FOR TEMPORARY SEDIMENT AND EROSION CONTROL IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF ODOT SUPPLEMENTAL SPECIFICATION 832

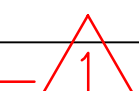
ITEM 832 – EROSION CONTROL 2,000 EACH

 ADDENDUM 1 REVISIONS

GENERAL SUMMARY

REF. NO	ITEM	TOTAL QUANTITY	UNIT	DESCRIPTION
1	103.05	LUMP	-	PREMIUM FOR CONTRACT PERFORMANCE BOND
2	514	LUMP	-	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL, AS PER PLAN
3	514	LUMP	-	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT, AS PER PLAN
4	514	LUMP	-	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT
5	514	LUMP	-	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT
6	514	40	MAN HR.	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL
7	514	30	EACH	FINAL INSPECTION REPAIR
8	513	500	IBS.	STRUCTURAL STEEL MEMBERS, LEVEL <u>UF</u> (CONTINGENCY)
9	530	158	HRS.	SPECIAL – STRUCTURE MISC: SALT REMEDIATION FOR STRUCTURAL STEEL PAINTING
10	614	LUMP	-	MAINTAINING TRAFFIC
11	624	LUMP	-	MOBILIZATION
12	832	2,000	EACH	EROSION CONTROL







BRIDGE PAINTING OF HEN-17C-00.10
HENRY COUNTY ROAD 17C OVER MAUMEE RIVER
FLORIDA, OHIO – FLATROCK TOWNSHIP – HENRY COUNTY

DRAWING DETAILS
DRAWN BY: JHN
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REVIEWED BY: TJS
REVISED
02.27.19

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