

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-6K-1	ST. CLAIR	188	99
CONTRACT NO. 176815				

SHEET NO 2 OF 9

**BRIDGE - TOTAL BILL OF MATERIALS**

ITEM	UNIT	QUANTITY
CONCRETE REMOVAL	CY	185
REINFORCEMENT BARS, EPOXY COATED	LB	23,290
CONCRETE SUPERSTRUCTURE	CY	84
BRIDGE DECK MICROSILICA CONCRETE OVERLAY 2 1/2"	SQ YD	725
BRIDGE DECK HYDRO-SCARIFICATION 1/2"	SQ YD	725

GENERAL NOTES:

- EXISTING TRANSVERSE REINFORCEMENT SHALL BE CLEANED, STRAIGHTENED, AND INCORPORATED INTO NEW CONSTRUCTION. THE CONTRACTOR SHALL EXERCISE CARE TO AVOID DAMAGE TO REINFORCING STEEL. ANY REINFORCEMENT BARS THAT ARE DAMAGED DURING CONCRETE REMOVAL SHALL BE REPAIRED OR REPLACED USING AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. ALL WORK DESCRIBED ABOVE SHALL INCLUDED IN THE COST OF "CONCRETE REMOVAL".
- THE CONTRACTOR SHALL EXERCISE EXTREME CARE TO AVOID DAMAGE TO THE PPCI BEAMS, STEEL BEAMS AND CONNECTORS. ANY STUD SHEAR CONNECTORS DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED ACCORDING TO SECTION 505 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. THIS WORK SHALL BE INCLUDED IN THE COST OF "CONCRETE REMOVAL".
- REMOVAL OF CONCRETE JOINT SEALER AND COMPRESSIBLE ROD SHALL BE INCLUDED IN THE COST OF "CONCRETE REMOVAL".
- THICKNESS OF MICROSILICA OVERLAY MAY VARY. MATCH INTO EXISTING MICROSILICA OVERLAY.
- REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M31 OR M322 GRADE 60.
- PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE FOR THE WORK.
- PRIOR TO POURING THE NEW CONCRETE DECK, ALL LOOSE RUST, LOOSE MILL SCALE, AND OTHER LOOSE POTENTIALLY DETRIMENTAL FOREIGN MATERIAL SHALL BE REMOVED FROM THE SURFACES OF THE BEAMS AND GIRDERS IN CONTACT WITH CONCRETE. THE COST OF THIS WORK WILL BE INCLUDED IN THE PAY ITEM COVERING REMOVAL OF THE EXISTING CONCRETE. ALL HEAVY RUST AND OTHER TIGHTLY ADHERED POTENTIALLY DETRIMENTAL FOREIGN MATTER SHALL BE REMOVED FROM THE SURFACES OF THE BEAMS OR GIRDERS IN CONTACT WITH CONCRETE. TIGHTLY ADHERED PAINT MAY REMAIN UNLESS OTHERWISE NOTED. THIS REMOVAL SHALL BE ACCOMPLISHED BY METHODS THAT WILL NOT DAMAGE THE STEEL. THE COST OF THIS WORK WILL BE PAID FOR ACCORDING TO ARTICLE 109.04. OF THE STANDARD SPECIFICATIONS.
- ALL CONSTRUCTION JOINTS SHALL BE BONDED.
- THE OVERLAY SHALL HAVE ITS FINAL FINISH TINED ACCORDING TO ARTICLE 420.11(e)(1) OF THE STANDARD SPECIFICATIONS. COST INCLUDED WITH CONCRETE SUPERSTRUCTURES.

8/1/2005  
 7/1/2005  
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ALL DIMENSIONS ARE IN mm  
UNLESS DESIGNATED OTHERWISE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STRUCTURE REPAIR DETAILS**  
 TOTAL BILL OF MATERIALS  
 & GENERAL NOTES  
 SN 082-0179  
 FAI ROUTE 64  
 SECTION 82-6K-1  
 ST. CLAIR COUNTY

DRAWN BY:

PLOT DATE: 7/1/2005