

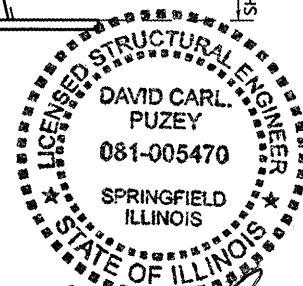
PLAN
S.N. 050-0160

GENERAL NOTES

NO FIELD WELDING IS PERMITTED EXCEPT AS SPECIFIED IN THE CONTRACT DOCUMENTS.
 REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A 706 GR 60. SEE SPECIAL PROVISIONS.
 PRIOR TO POURING THE NEW CONCRETE DECK, ALL HEAVY OR LOOSE RUST, LOOSE MILL SCALE, AND OTHER LOOSE OR POTENTIALLY DETRIMENTAL FOREIGN MATERIAL SHALL BE REMOVED FROM THE SURFACES IN CONTACT WITH CONCRETE. TIGHTLY ADHERED PAINT MAY REMAIN UNLESS OTHERWISE NOTED. REMOVAL SHALL BE ACCOMPLISHED BY METHODS THAT WILL NOT DAMAGE THE STEEL AND THE COST WILL BE INCLUDED IN THE PAY ITEM COVERING REMOVAL OF THE EXISTING CONCRETE.
 EXISTING REINFORCEMENT BARS EXTENDING INTO THE REMOVAL AREA SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY REINFORCEMENT BARS THAT ARE DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. COST INCLUDED WITH CONCRETE REMOVAL.
 AS DIRECTED BY THE ENGINEER, EXISTING CONSTRUCTION ACCESSORIES WELDED TO THE TOP FLANGE OF BEAMS AND GIRDERS SHALL BE REMOVED. THE WELD AREAS SHALL BE GROUND FLUSH AND INSPECTED FOR CRACKS USING MAGNETIC PARTICLE TESTING (MT) OR DYE PENETRANT TESTING (PT) BY QUALIFIED PERSONNEL APPROVED BY THE ENGINEER. ANY CRACKS THAT CANNOT BE REMOVED BY GRINDING 1/4" DEEP SHALL BE IDENTIFIED AND REPORTED TO THE BUREAU OF BRIDGES AND STRUCTURES FOR FURTHER DISPOSITION. THE COST OF REMOVING WELDED ACCESSORIES, GRINDING AND INSPECTING WELD AREAS AND GRINDING CRACKS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
 QUANTITIES OF DECK REPAIRS ARE ESTIMATED. THE ENGINEER SHALL SOUND THE ENTIRE DECK AREA AFTER ALL HMA SURFACE AND WATERPROOFING MEMBRANE MATERIALS HAVE BEEN REMOVED. THE ENGINEER SHALL ACTUAL LOCATIONS OF DECK REPAIRS ON "AS-BUILT" PLANS.
 JOINT OPENING SHALL BE ADJUSTED ACCORDING TO ARTICLE 520.04 OF THE STANDARD SPECIFICATIONS WHEN THE DECK IS POURED AT AN AMBIENT TEMPERATURE OTHER THAN 50° F.
 THE EXISTING STRUCTURAL STEEL COATING CONTAINS LEAD.
 THE CONTRACTOR SHALL TAKE APPROPRIATE PRECAUTIONS TO DEAL WITH THE PRESENCE OF LEAD ON THIS PROJECT.
 TWO 1/8 IN. ADJUSTING SHIMS SHALL BE PROVIDED FOR EACH BEARING IN ADDITION TO ALL OTHER PLATES OR SHIMS AND PLACED AS SHOWN ON BEARING DETAILS.
 ALL (EMBEDDED AND SEPARATE) BEARING PLATES, SIDE RETAINERS, ANCHOR BOLTS, NUTS, WASHERS AND PINTLES SHALL BE GALVANIZED ACCORDING TO AASHTO M311 OR M232 AS APPLICABLE.
 H.S. BOLTS IN BEARING ASSEMBLY SHALL BE GALVANIZED ACCORDING TO AASHTO M298 CLASS 50.
 THE STRUCTURAL STEEL PLATES OF THE BEARING ASSEMBLY AND STEEL EXTENSION SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M 270 GRADE 50.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Concrete Removal	Cu. Yd.	271		271
Concrete Superstructure	Cu. Yd.	270		270
Hot-Mix Asphalt Removal (Deck)	Sq. Yd.	960		960
HMA Surface CSE, Mix D, N50	Ton	211		211
Protective Coat	Sq. Yd.	181		181
Waterproofing Membrane System	Sq. Yd.	960		960
Furnishing and Erecting Structural Steel	Pound	4490		4490
Reinforcement Bars, Epoxy Coated	Pound	4010		4010
Bar Splicers	Each	48		48
Preformed Joint Strip Seal	Foot	188		188
Elastomeric Bearing Assembly, Type I	Each	14		14
Elastomeric Bearing Assembly, Type II	Each	14		14
Anchor Bolts, 1"	Each	56		56
Drainage Scuppers, DS-12M10	Each	2		2
Jack and Remove Existing Bearings	Each	28		28
Silicone Joint Sealer 1"	Foot	130		130
Deck Slab Repair (Partial)	Sq. Yd.	100		100
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	20		20
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	20		20
Structural Repair of Concrete (Depth Equal to or Less Than 5")	Sq. Ft.	41	9	50
Structural Repair of Concrete (Depth Greater Than 5")	Sq. Ft.	68		68



David Carl Puzey 5/13/11
Expires 11/30/2012

GENERAL PLAN AND ELEVATION
 IL RTE. 23 OVER OTTER CREEK
 FAP 68 (IL 23) SEC. (6B-1)
 LASALLE COUNTY
 STA. 142 + 08
 S.N. 050-0160

FILE NAME = c:\pwork\pwork\woodshankr\08257390	USER NAME = woodshankr	DESIGNED - RLW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN AND ELEVATION	F.A.P. RTE. 68	SECTION (6B-1)	COUNTY LASALLE	TOTAL SHEETS 20	SHEET NO. 9		
	386937-details.dgn	DRAWN - RLW	REVISED -			SCALE: _____	SHEET NO. 1 OF 12 SHEETS	STA. _____	TO STA. _____	CONTRACT NO. 66937		
	PLOT SCALE = 1/8" = 1' / 1/4"	CHECKED -	REVISED -			ILLINOIS FED. AID PROJECT						
	PLOT DATE = 5/13/2011	DATE -	REVISED -									