

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The contractor shall field verify existing dimensions and details affecting new construction 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 scope of the work. However, the contractor will be paid for the quantity actually

Reinforcement bars shall conform to the requirements of ASTM A 706 grade 60. See special provisions.

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.

Joint openings shall be adjusted according to article 520.04 of the standard specifications when the deck is

All repair work associated with the bridges shall be completed by stage construction utilizing TC&P. Standard 701402 and with temporary concrete barrier located as detailed in these repair plans.

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

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 can not be removed by arindination, deep shall be identified and reported to the Bureau of Bridges and Structures for futher disposition. The cost of removing welded accessories, grinding and inspecting weld areas and grinding cracks will

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with

The "Bridge Approach Shoulder Removal" and "P.C. Concrete Bridge Approach Shoulder Pavement" shall be constructed to proposed grade, after the completion of the microsilica overlays and joint repairs. Stage traffic

TOTAL BILL OF MATERIALS		
ІТЕМ	UNIT	TOTAL
E REMOVAL	CU YD	20.2
CEMENT BARS, EPOXY COATED	POUND	3620
ICERS	EACH	44
MED JOINT STRIP SEAL	FOOT	203.0
E SUPERSTRUCTURE	CU YD	23.9
AB REPAIR (FULL DEPTH, TYPE II)	SQ YD	5.3
AB REPAIR (FULL DEPTH, TYPE I)	SQ YD	5.3
DECK MICROSILICA CONCRETE OVERLAY 2'2"	SQ YD	2 19 1
DECK HYDRO-SCARIFICATION 1/2"	SO YD	2191
AND GRATES TO BE ADJUSTED	EACH	4
R CONCRETE	CU FT	8.9
DRAINS	EACH	12
APPROACH SHOULDER REMOVAL	SQ YD	42
ICRETE BRIDGE APPROACH SHOULDER PAVEMENT	SQ YD	42
JRAL REPAIR OF CONCRETE	SO FT	825
EQUAL TO OR LESS THAN 5 INCHES)	SUTT	025
TE SEALER	SQ FT	22077
DECK GROOVING	SO YD	2164
TIVE SHIELD	SQ YD	703

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081- 005167 G Alan D. Lukens Licensed Structural Engineer State of Illinois No. 081-005167 License Expires II/30/10 <u>GENERAL PLAN &amp; ELEVAT</u> FAI 172 OVER IL RTE 5 <u>SN 001-0064 &amp; 0065</u>							
T NO. 1	F.A. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.	
	172	1-3HB		ADAMS	165	102	
HEETS				CONTRACT	NO. 72	A09	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
Klingner & Associates P.C.							