STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. 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.
   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 $\frac{1}{4}$ inch 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.
4. 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 furnished at the unit price bid for the work.
5. The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
6. If the contractor chooses to alter the temporary cantilivered sheet piling design requirements shown on the plans, a design submittal including plan details and calculations will be required for review and acceptance by the Engineer.
7. The Contractor shall connect the first sheet to the existing abutment wall to ensure stability of sheets driven to the top of the existing pile. This connection shall be reviewed and accepted by the Engineer and included in the cost of Temporary Sheet Piling.
8. Stage construction shall be utilized to maintain traffic during construction.
9. The Contractor shall exercise care during removal of existing joints to ensure that the slab, beams and diaphragms integrity will not be detrimentally impacted. The Contractor shall repair any damage(s) to the slab, beams and diaphragms caused by his operation as directed by the Engineer at no additional cost to the Department.
10. Protective Coat shall be applied to the new Bridge Deck Latex Concrete Overlay and Approach Slabs as well as the top and inside faces of the Parapets.
11. Joint openings shall be adjusted according to Article 520.04 of the Std. Specs. when the deck is poured at an ambient temperature other than 50°F.

INDEX OF SHEETS

TOTAL BILL OF MATERIAL

	ITEM	UNIT	SUPER	SUB	TOTAL
	Bridge Approach Pavement Connector (PCC)	Sq. Yd.	796		796
	Pavement Reinforcement 9"	Sq. Yd.	796		796
	Approach Slab Removal	Sq. Yd.	1,412		1,412
	Concrete Barrier Removal	Foot	199.0		199.0
	Concrete Removal	Cu. Yd.	72.9		72.9
	Protective Shield	Sq. Yd.	1,753		1,753
*	Structure Excavation	Cu. Yd.		697	697
	Concrete Structures	Cu. Yd.		97.4	97.4
	Concrete Superstructure	Cu. Yd.	425.9		425.9
	Bridge Deck Grooving	Sq. Yd.	3,621		3,621
	Protective Coat	Sq. Yd.	4,146		4,146
	Reinforcement Bars, Epoxy Coated	Pound	92,030	19,920	111,950
	Bar Splicers	Each	356	160	516
	Temporary Sheet Piling	Sq. Ft.		673	673
	Preformed Joint Strip Seal	Foot	303.0		303.0
	End Sections 12"	Each	2		2
	Geocomposite Wall Drain	Sq. Yd.		246	246
	Pipe Drains 12"	Foot	206		206
	Pipe Underdrains for Structures 4"	Foot		320	320
	Catch Basins, Type C, Type 20 Frames and Grate	Each	2		2
	Drainage Structures, Type 1 with Two Type 20 Frame and Grates	Each	1		1
	Removing Catch Basins	Each	2		2
	Removing Inlets	Each	4		4
	Type B Inlet Box, Standard 609001	Each	2		2
	Type C Inlet Box, Standard 609001	Each	2		2
	Concrete Thrust Blocks	Each	2		2
	Bridge Deck Latex Concrete Overlay, 2 1/2"	Sq. Yd.	3,183		3,183
	Expanded Polystyrene Fill	Cu. Yd.		450	450
	Bridge Deck Hydro-Scarification, 2 1/2"	Sq. Yd.	3,183		3,183
	Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	27.0		27.0
	Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	19.8		19.8
	Drainage Structure to be removed	Each	1		1
	Modify Existing Pin & Link Connection	L. Sum	0.33		0.33

* All excavated materials shall be disposed of within IDOT right-of-way and within the project limits. See the General Notes sheet from the roadway plans for more information.

DESIGNED -	MFB
CHECKED -	KWS
DRAWN -	RMG
CHECKED -	KWS/AAY

benesch

alfred benesch & company
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205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10050

GENERAL NOTES, BILL OF MATERIAL AND INDEX OF SHEETS STRUCTURE NO. 022-0138

SHEET NO. 2	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
38 SHEETS	290/355	22(1, 1-1, 2&3)RS-7	DUPAGE	546	377
			CONTRACT NO. 60G51		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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