STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

Reinforcement bars designated (E) shall be epoxy coated.

Plan dimensions and details relative to existing plans are subject to routine 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 based upon the unit price bid for the work.

Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions.

Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost included with "Concrete Removal".

The Contractor is advised that the existing PPC Deck Beams are in a deteriorated condition with reduced load carrying capacity. It is the Contractor's responsibility to account for the condition of the beams when developing construction procedures for removal and replacement of the superstructure.

If the Contractor's procedures for existing beam removal or placement of new beams involves placement of heavy equipment on the new deck beams, a detailed procedure shall be submitted to the Engineer for approval. The procedure shall include calculations sealed by an Illinois Licensed Structural Engineer, verifying the structural adequacy of the beams for the proposed loads. Cost included with Removal of Existing Superstructures No. 1

Any damage done to the bridge during beam removal shall be repaired by the Contractor. Cost to be included in the cost of Removal of Existing Superstructures No. 1

Joint openings 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 minimum thickness of concrete overlay shall be 4" and varies as required to adjust for the new profile grade and camber.

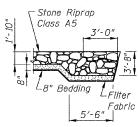
Slipforming parapet is not allowed.

WATERWAY INFORMATION

Drainage Area = 6.57 Sq. Mi. Low Grade Elev. 538.55 © Sta. 1036+19											
Yr.	C.F.S.	Exist.	Prop.	H.W.E.	Exist.	Prop.	Exist.	Prop.			
Design	50	3,228	388	388	537.20	1.05	1.05	538.25	538.25		
Base	100	3,747	388	388	537.60	1.61	1.61	539.21	539.21		
Overtopping	60	3,400	388	388	537.30	1.25	1.25	538.55	538.55		
Max. Calc.											

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A5	Sq. Yd.		569	569
Filter Fabric	Sq. Yd.		569	569
Removal of Existing Superstructures No. 1	Each	1		1
Concrete Removal	Cu. Yd.	2,8		2.8
Concrete Superstructure	Cu. Yd.	11.3		11.3
Protective Coat	Sq. Yd.	229		229
Bridge Deck Grooving	Sq. Yd.	173		173
Precast Prestressed Concrete Deck Beams (27" Depth)	Sq. Ft.	1,725		1,725
Reinforcement Bars, Epoxy Coated	Pound	5,000		5,000
Bar Splicers	Each	54		54
Name Plates	Each	1		1
Preformed Joint Strip Seal	Foot	35		35
Floor Drains	Each	6		6
Concrete Wearing Surface	Sq. Yd.	184		184
Structural Repair of Concrete (Depth equal to or less than 5 Inches)	Sq. Ft.		135	135
		<u> </u>	L	L



SECTION A-A

(Typical along both Upstream and Downstream sides of Riprap Treatment)

Contract #76B20

GENERAL NOTES, DETAILS &
TOTAL BILL OF MATERIALS

US ROUTE 67 OVER

DEARCY CREEK

FAP ROUTE 310 SECTION 57BR-1

JERSEY COUNTY

STATION 651+79.77

STRUCTURE NO. 042-0001