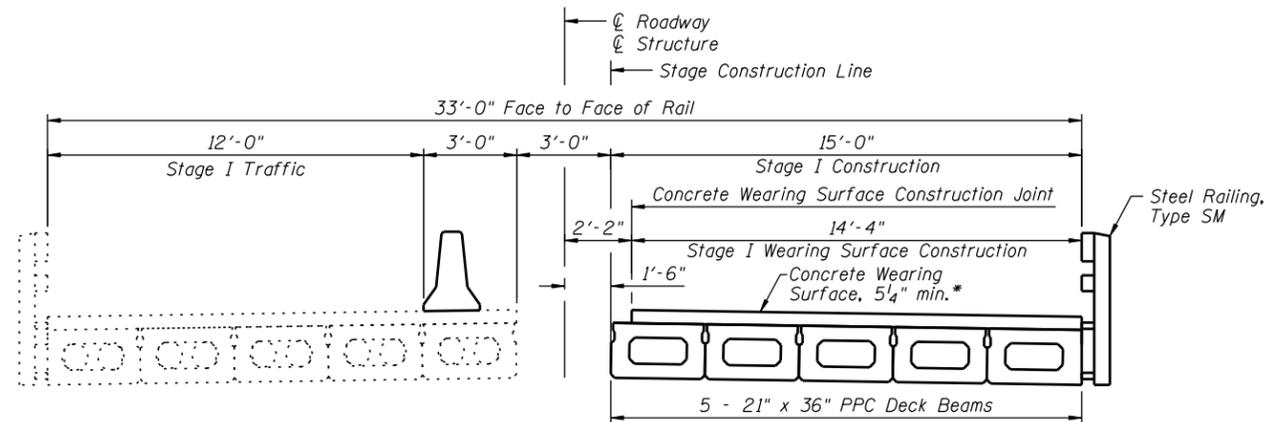
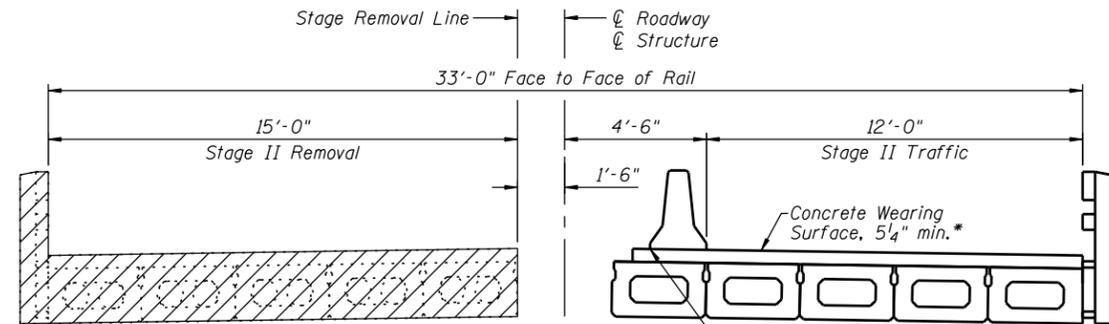


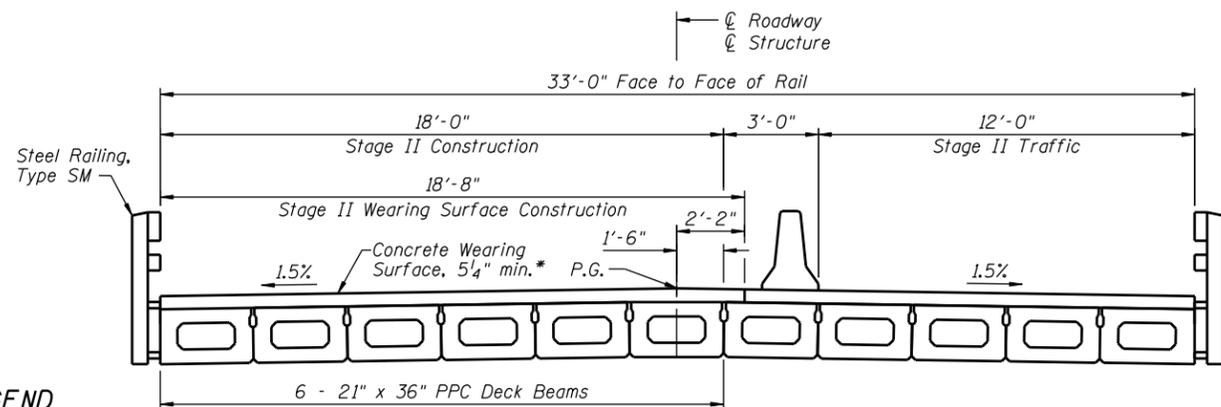
**STAGE I REMOVAL**



**STAGE I CONSTRUCTION**



**STAGE II REMOVAL**



**STAGE II CONSTRUCTION**

\*Prior to grinding

**GENERAL NOTES**

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60.

Reinforcement bars designated (E) shall be epoxy coated.

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.

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

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 procedure for existing beam removal and placement of new beams involves placement of cranes or other heavy equipment on existing or new beams, a detailed procedure shall be submitted to the Engineer for approval. The procedure shall include calculations, prepared and sealed by an Illinois Licensed Structural Engineer, verifying that the equipment and procedure used will not overstress the existing or new beams. To distribute load to multiple beams and protect the concrete, in all cases a double layer mat of heavy timbers shall be used at all times under crane tracks or wheels and any outriggers in the down position. If necessary, shims shall be used under the crane mat to ensure uniform contact with the underlying beams. Prior to placement of the timber mats on new beams, the following shall be done: placement and tightening of transverse tie assemblies, grouting and curing the dowel rods 24 hours minimum and grouting and curing the shear keys.

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A5	Sq Yd	0	342	342
Filter Fabric	Sq Yd	0	342	342
Removal Of Existing Superstructures	Each	1	0	1
Concrete Removal	Cu Yd	0	4	4
Concrete Structures	Cu Yd	0	22	22
Concrete Superstructure	Cu Yd	103	0	103
Bridge Deck Grooving	Sq Yd	554	0	554
Protective Coat	Sq Yd	554	0	554
Precast Prestressed Concrete Deck Beams (21" Depth)	Sq Ft	2,996	0	2,996
Reinforcement Bars, Epoxy Coated	Pound	17,050	3,840	20,890
Bar Splicers	Each	234	80	314
Steel Railing, Type Sm	Foot	242	0	242
Name Plates	Each	1	0	1
Preformed Joint Strip Seal	Foot	71	0	71
Epoxy Crack Injection	Foot	0	25	25
Concrete Wearing Surface, 5"	Sq Yd	334	0	334
Asbestos Bearing Pad Removal	Each	0	44	44
Structural Repair Of Concrete (Depth Equal To Or Less Than 5 Inches)	Sq Ft	0	106	106
Diamond Grinding (Bridge Section)	Sq Yd	554	0	554
Permanent Bench Marks	Each	0	1	1

Quantity limits for Stone Riprap, Class A5 and Filter Fabric are shown on Sheet 1 of 16. See Roadway Plans Approach Slab Removal Quantity.

Notes:  
 All cross sections are looking north.  
 See Roadway Plans for quantity of temporary concrete barrier.  
 Removal of existing bridge railing existing wearing surface, existing expansive materials, and existing abandoned utility line are included in Removal of Existing Superstructures.  
 See Recurring Special Provisions Check Sheet #32 for asbestos bearing pad removal.

**LEGEND**

- Removal of Existing Structures
- Proposed Work

FILE NAME = H:\0920171-014.dgn



USER NAME = rjgend	DESIGNED RRD	REVISED -
	CHECKED AJS	REVISED -
PLOT SCALE =	DRAWN BJF	REVISED -
PLOT DATE = 2/27/2013	CHECKED AJS	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL DETAILS  
STRUCTURE NO. 092-0171**

SHEET NO. 2 OF 16 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	120BR-1	VERMILION	44	14
CONTRACT NO. 70615				
ILLINOIS FED. AID PROJECT				