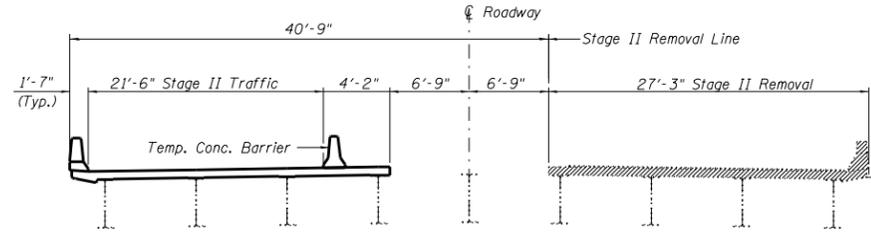
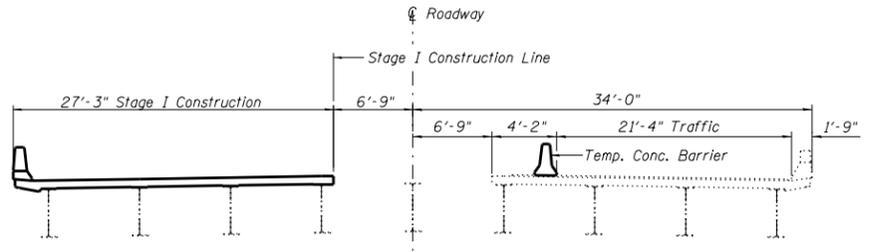


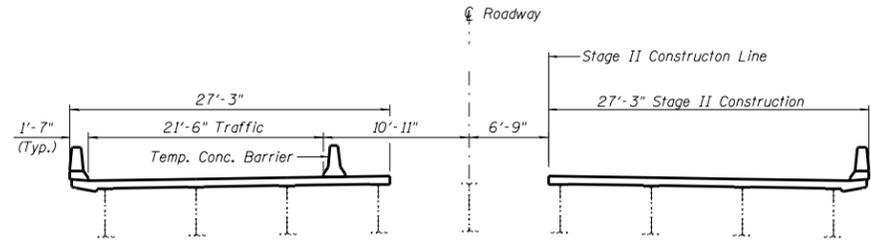
STAGE I REMOVAL
(Looking South)



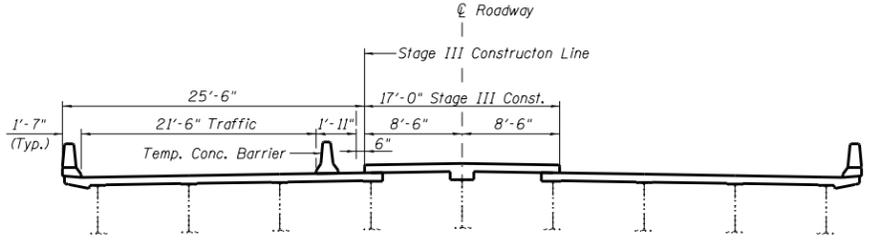
STAGE II REMOVAL
(Looking South)



STAGE I CONSTRUCTION
(Looking South)



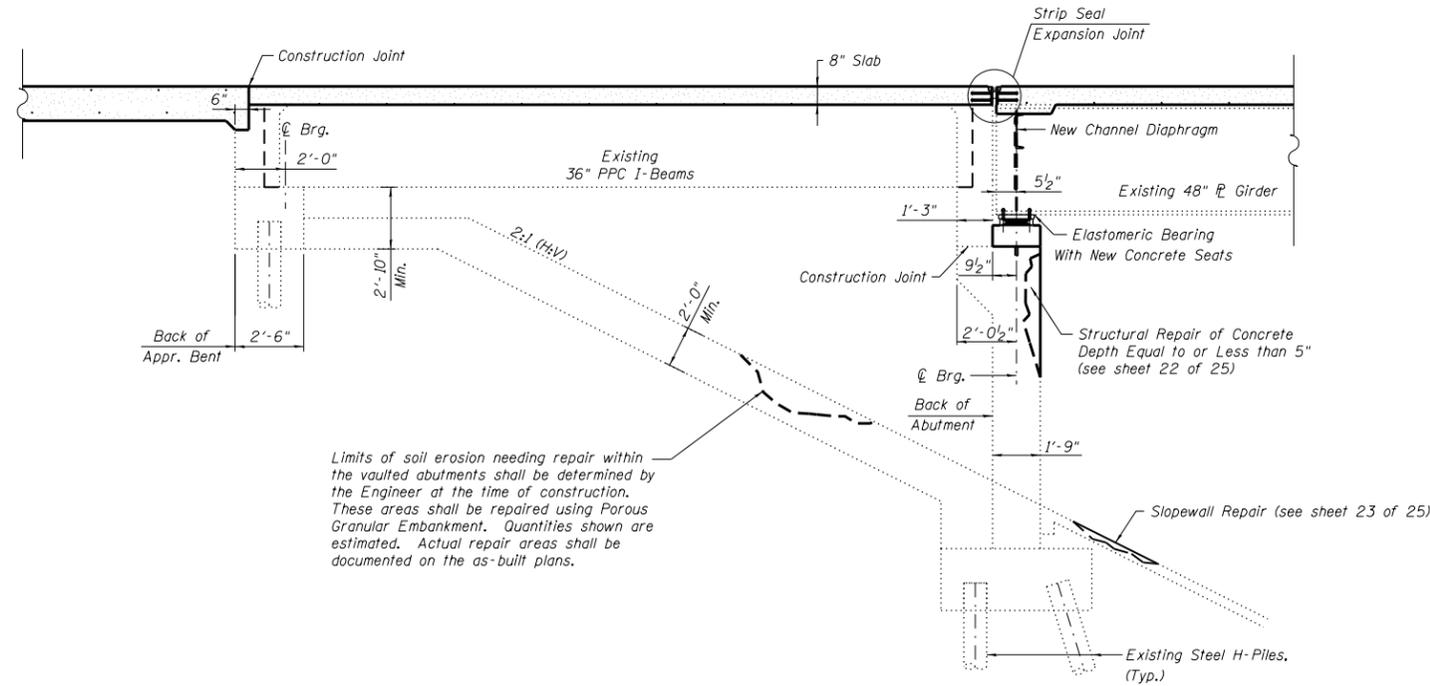
STAGE II CONSTRUCTION
(Looking South)



STAGE III CONSTRUCTION
(Looking South)
Staging of main spans shown,
approach spans similar

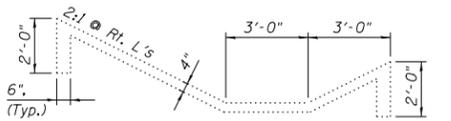
Note:
See sheet 3 of 25 for Temporary Concrete Barrier Details.
Hatched area indicates Removal of Existing Concrete Deck.
For quantity of Temporary Concrete Barrier, see roadway plans.
Removal of existing bridge railing and bituminous wearing surface is included with Removal of Existing Concrete Deck.

GENERAL NOTES
Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts. Bolts 3/4 in. ϕ , holes 13/16 in. ϕ , unless otherwise noted.
No field welding is permitted except as specified in the contract documents.
Reinforcement bars designated (E) shall be epoxy coated.
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 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.
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.
Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8" (0.01 Ft.)
Concrete Sealer shall be applied to designated areas of the abutments.
Cleaning and field painting of structural steel shall be done under a separate painting contract.
The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
All new structural steel shall be shop painted with an inorganic zinc rich primer per AASHTO M 300, Type 1.
The Contractor shall resurvey the I-72 vertical clearance over each lane and shoulder following the deck replacement. This work will not be paid for separately, but shall be included with the contract lump sum price for "Construction Layout".
Slipforming of parapets is not allowed.



Limits of soil erosion needing repair within the vaulted abutments shall be determined by the Engineer at the time of construction. These areas shall be repaired using Porous Granular Embankment. Quantities shown are estimated. Actual repair areas shall be documented on the as-built plans.

SECTION THRU VAULTED ABUTMENT
(Horiz. Dim.'s \odot Rt. L.'s)



SECTION THROUGH SLOPEWALL

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Concrete Deck	Each	1	-	1
Concrete Removal	Cu. Yd.	-	2.6	2.6
Protective Shield	Sq. Yd.	496	-	496
Concrete Structures	Cu. Yd.	-	56.0	56.0
Concrete Superstructure	Cu. Yd.	756.4	-	756.4
Bridge Deck Grooving	Sq. Yd.	1,547	-	1,547
Protective Coat	Sq. Yd.	2,604	-	2,604
Furnishing and Erecting Structural Steel	Pound	5,540	8,230	13,770
Stud Shear Connectors	Each	1,710	-	1,710
Reinforcement Bars, Epoxy Coated	Pound	182,250	9,170	191,420
Bar Splicers	Each	222	12	234
Name Plates	Each	1	-	1
Preformed Joint Strip Seal	Foot	134	-	134
Elastomeric Bearing Assembly, Type I	Each	-	18	18
Anchor Bolts, 1"	Each	-	36	36
Anchor Bolts, 1 1/2"	Each	-	18	18
Concrete Sealer	Sq. Ft.	-	392	392
Asbestos Bearing Pad Removal	Each	-	27	27
Structural Repair of Concrete, Depth Equal to or Less than 5"	Sq. Ft.	-	28	28
Drainage Scupper, DS-11	Each	4	-	4
Jacking Existing Superstructure	L. Sum	-	1	1
Slope Wall Removal	Sq. Yd.	-	8	8
Slope Wall, 4"	Sq. Yd.	-	8	8
Controlled Low Strength material	Cu. Yd.	-	4	4
Structural Steel Removal	Pound	6,900	-	6,900
Porous Granular Embankment	Ton	-	25	25