

GENERAL NOTES

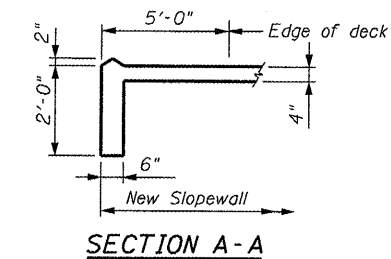
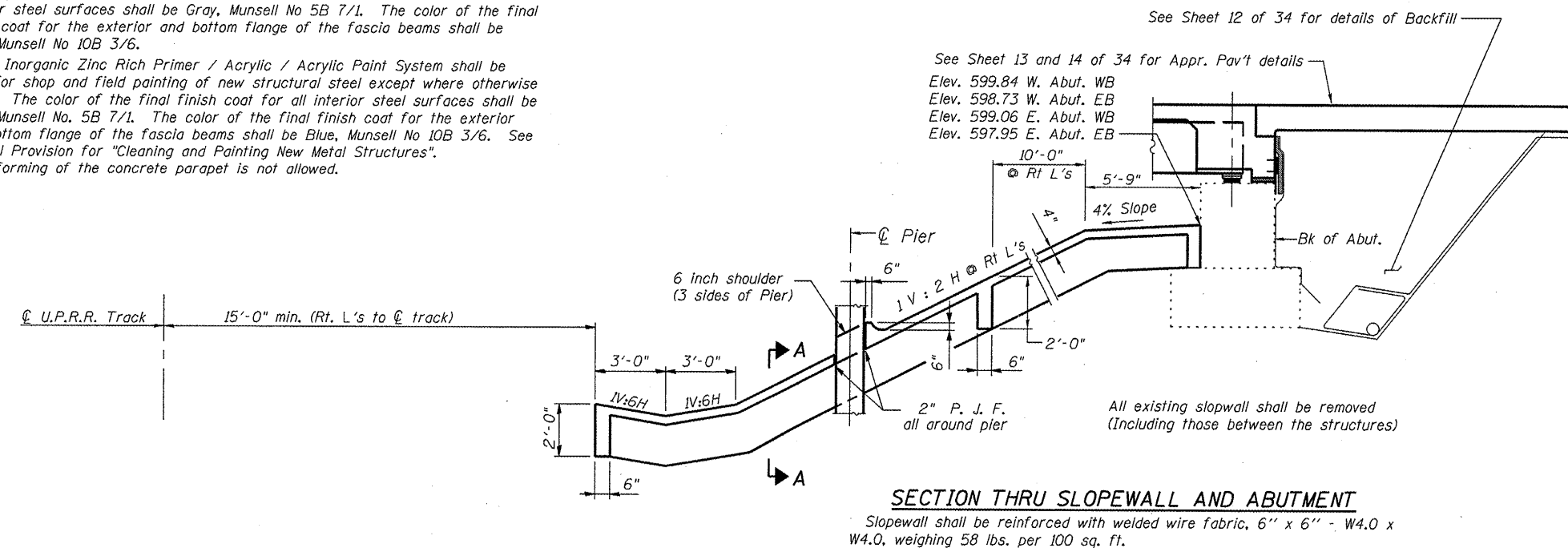
Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts. Bolts 7/8 in. ϕ , holes 15/16 in. ϕ , unless otherwise noted.
 Calculated weight of Structural Steel = 57,698 pounds
 AASHTO M270 Grade 50 = 49,274 pounds
 AASHTO M270 Grade 36 = 8,424 pounds
 No field welding is permitted except as specified in the contract documents.
 Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60.
 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.
 If the Contractor elects to use cantilever forming brackets on the exterior beams or girders, the brackets shall be placed at the same locations as required for the hardwood blocks in Article 503.06(b) of the Standard Specifications. If additional cantilever forming brackets are required, hardwood blocking shall be wedged between the exterior and first interior beam at each of these additional bracket locations.
 Span lengths, skew angle and location of piers and abutments are based on the survey work performed in April 1997, and are different from data shown on the 1965 existing plans. 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 inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
 The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
 Cleaning and painting of the existing structural steel shall be as specified in the special provision for "Cleaning and Painting Existing Steel Structures". All existing structural steel shall be cleaned per Near White Blast Cleaning - SSPC-SP10.
 All existing structural steel shall be painted according to the requirements of Paint System 1 - OZ/E/U. The color of the final finish coat for all interior steel surfaces shall be Gray, Munsell No 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Blue, Munsell No 10B 3/6.
 The Inorganic Zinc Rich Primer / Acrylic / Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the final finish coat for all interior steel surfaces shall be gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Blue, Munsell No 10B 3/6. See Special Provision for "Cleaning and Painting New Metal Structures".
 Slipforming of the concrete parapet is not allowed.

TOTAL BILL OF MATERIAL

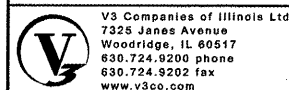
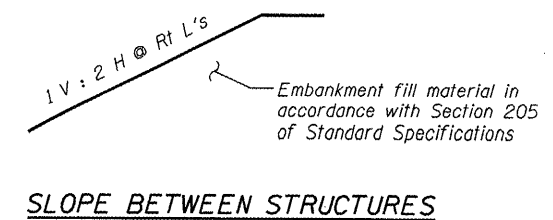
ITEM	UNIT	WESTBOUND			EASTBOUND			GRAND TOTAL
		SUPER	SUB	TOTAL	SUPER	SUB	TOTAL	
Removal of Existing Concrete Deck	Each	1		1	1		1	2
Concrete Removal	Cu. Yd.		37.2	37.2		37.2	37.2	74.4
Slope Wall Removal	Sq. Yd.		953	953		953	953	1906
Protective Shield	Sq. Yd.	312		312	312		312	624
Structure Excavation	Cu. Yd.		276	276		276	276	552
Concrete Structures	Cu. Yd.		89.6	89.6		89.6	89.6	179.2
Concrete Superstructure	Cu. Yd.	364.7		364.7	364.7		364.7	729.4
Concrete Encasement	Cu. Yd.		4.6	4.6		4.6	4.6	9.2
Bridge Deck Grooving	Sq. Yd.	917		917	917		917	1834
Protective Coat	Sq. Yd.	1152		1152	1152		1152	2304
Floor Drains	Each	12		12	12		12	24
Furnishing and Erecting Structural Steel	L Sum							1
Stud Shear Connectors	Each	3694		3694	3694		3694	7388
Reinforcement Bars, Epoxy Coated	Pound	85,160	7880	93,040	85,160	7890	93,050	186,090
Bar Splicers	Each	86		86	86		86	172
Slope Wall 4 Inch	Sq. Yd.		692	692		692	692	1384
Furnishing Metal Shell Piles 14"x0.25"	Foot		235	235		235	235	470
Driving Piles	Foot		235	235		235	235	470
Test Pile Metal Shells	Each		1	1		1	1	2
Name Plates	Each	1		1	1		1	2
Elastomeric Bearing Assembly, Type I	Each	16		16	16		16	32
Anchor Bolts, 1"	Each	36		36	37		37	73
Epoxy Crack Injection	Foot		5	5		1	1	6
Geocomposite Wall Drain	Sq. Yd.		118	118		118	118	236
Porous Granular Embankment, Special	Cu. Yd.		248	248		248	248	496
Cleaning And Painting Steel Bridge No. 1	L Sum						1	1
Containment & Disposal of Lead Paint Cleaning Residues No. 1	L Sum						1	1
Containment & Disposal of Lead Paint Cleaning Residues No. 2	L Sum		1	1				1
Jack and Remove Existing Bearings	Each		14	14	14		14	28
Pipe Underdrains for Structures 4"	Foot		216	216		216	216	432
Cleaning And Painting Steel Bridge No. 2	L Sum		1	1				1

INDEX OF DRAWINGS

- 1 General Plan and Elevation
- 2 General Notes and Misc. Details
- 3 Top of Slab Elevations
- 4 Top of Slab Elevations - Eastbound
- 5 Top of Slab Elevations - Westbound
- 6 Top of W. Appr. Slab Elevs. - Westbound
- 7 Top of E. Appr. Slab Elevs. - Westbound
- 8 Top of W. Appr. Slab Elevs. - Eastbound
- 9 Top of E. Appr. Slab Elevs. - Eastbound
- 10 Deck Plan and Section
- 11 Parapet Elevation and Details
- 12 Diaphragm Details
- 13 Bridge Appr. Slab Details - I
- 14 Bridge Appr. Slab Details - II
- 15 Framing Plan and Elevation
- 16 Structural Steel Details
- 17 Expansion Bearings at Abutments
- 18 Fixed Bearings and Rocker Bearings for New Beams at Piers
- 19 Abutment Removal
- 20 West Abutment Widening (Westbound)
- 21 West Abutment Widening (Eastbound)
- 22 East Abutment Widening (Westbound)
- 23 East Abutment Widening (Eastbound)
- 24 Abutment Sections and Details
- 25 Pier Widening
- 26 Metal Shell Pile Details
- 27 Bar Splicer Assembly Details
- 28 Cantilever Forming Brackets
- 29 Borings I
- 30 Borings II
- 31 Borings III
- 32 Borings IV
- 33 Borings V
- 34 Borings VI



Note: Top soil and sodding by others. The Contractor shall provide temporary erosion control as necessary and as approved by the Engineer. See Civil Plans.



FILE NAME: 02 General Plan and Misc Details.dgn
 PLOT SCALE: 1:1
 PLOT DATE: July 1, 2011

DESIGNED: B. Vegrzyn
 CHECKED: Coombe-Bloxdorf
 DRAWN: B. Vegrzyn
 CHECKED: Coombe-Bloxdorf

REVISOR: -
 REVISION: -
 REVISION: -
 REVISION: -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND MISC. DETAILS
 STRUCTURE NO. 072-0001 & 072-0002

SHEET NO. 2 OF 34 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72-6VB	PEORIA	133	45
CONTRACT NO. 68874				
ILLINOIS FED. AID PROJECT				