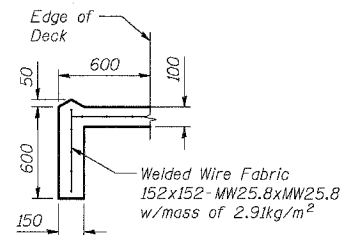


GENERAL NOTES

- Fasteners shall be high strength bolts. Bolts M22, open holes 24 mm ϕ , unless otherwise noted.
- Calculated weight of Structural Steel:
 AASHTO (M270M GR 345) = 185,270 kg (Erection Only- Included in Beam Fabrication Contract)
 AASHTO (M270M GR 250) = 11,850 kg (Erection Only- Included in Beam Fabrication Contract)
- Field welding of construction accessories will not be permitted to girders.
- Anchor bolts shall be set before bolting diaphragms over supports.
- The main load carrying member components subject to tensile stress shall conform to the Supplemental Requirements for Notch Toughness Zone 2. These components are the tension flanges and webs of the plate girders.
- Reinforcement bars shall conform to the requirements of AASHTO M31M, M322M, Grade 400.
- Slope wall shall be reinforced with welded wire fabric, 152x152-MW25.8xMW25.8, w/mass of 2.91kg/m².
- The contractor shall drive 2-305 mm metal shell test piles in a permanent location, one for each abutment as directed by the Engineer before ordering the remainder of the piles.
- All dimensions are in millimeters (mm) except as noted.
- The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
- All construction joints shall be bonded.
- The organic zinc rich primer/epoxy/urethane paint system shall be used for painting of new structural steel except where otherwise noted. The entire system shall be shop applied, with the exception that masked off connection surfaces, field installed fasteners and damaged areas shall be touched up in the field. The color of the final finish coat for all interior steel surfaces shall be gray, Munsell No. 5HB 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Reddish Brown, Munsell No. 2.5YR 3/4. See Special Provision for "Cleaning and Painting New Metal Structures."

13. Slipforming of parapets containing conduit is not allowed.



SECTION A-A
(See Sht. S-01 for location)

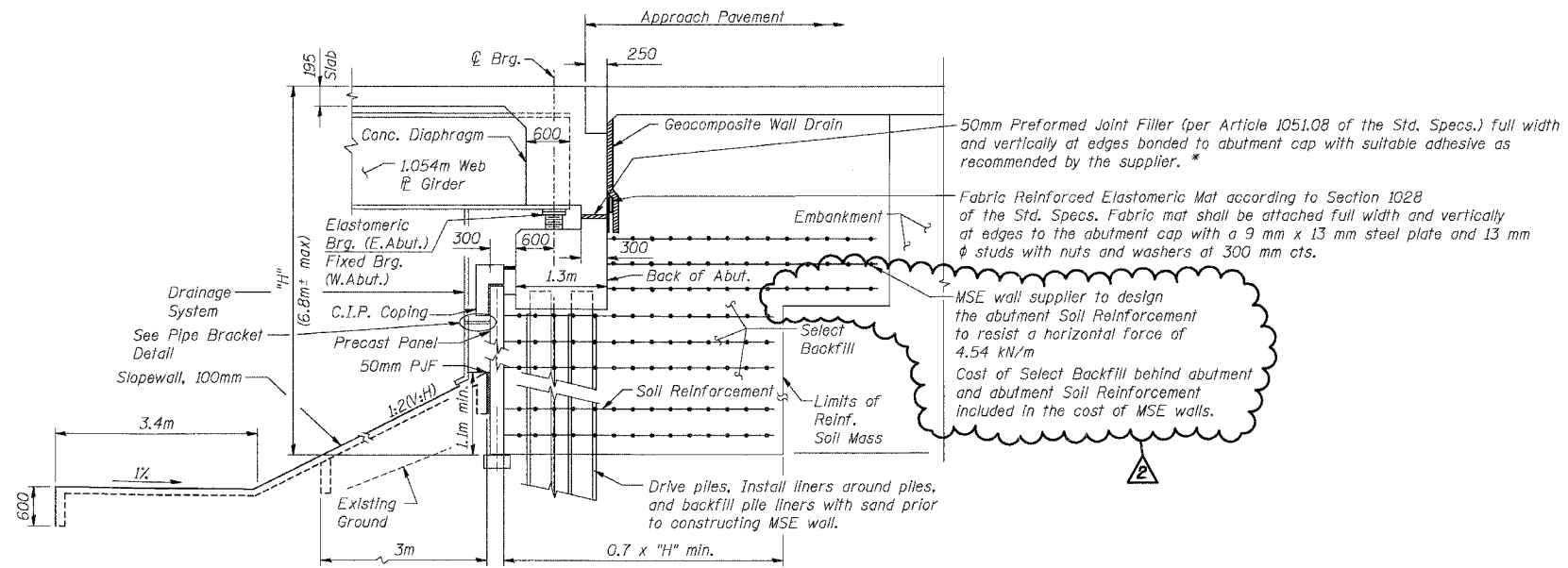
TOTAL BILL OF MATERIAL

ITEM	UNIT	SUB-STRUCT.	SUPER-STRUCT.	TOTAL
Removal of Existing Structures	EACH			1
Structure Excavation	CU M	701		701
Concrete Structures	CU M	111.2		111.2
Concrete Superstructure	CU M		345.0	345.0
Bridge Deck Grooving	SQ M		1083	1083
Protective Coat	SQ. M		1237	1237
Erecting Elastomeric Bearing Assembly, Type I	EACH		11	11
Erecting Structural Steel	L.S.		0.55	0.55
Stud Shear Connectors	EACH		2708	2708
Reinforcement Bars, Epoxy Coated	KG	6110	47550	53660
Furnishing Metal Shell Piles 305mm	METER	1276		1276
Driving Piles	METER	1276		1276
Test Pile Metal Shells	EACH	2		2
Temporary Sheet Piling	SQ M	11.9		11.9
Geocomposite Wall Drain	SQ M		75	75
Name Plates	EACH	1		1
Anchor Bolts, M24	EACH	44		44
Sloped Wall, 100MM	SQ M	638		638
Temporary Mechanically Stabilized Earth Retaining Wall	SQ M	61		61
Drainage Scuppers, DS-11	EACH		3	3
Drainage System No. 1	EACH		1	1
Bar Splicers	EACH	186	522	708
Mechanically Stabilized Earth Retaining Wall	SQ M	287		287
Protective Shield	SQ M		1399	1399

INDEX OF SHEETS

- S-01 General Plan
- S-02 General Notes, B.O.M., & Index of Sheets
- S-03 Foundation Plan
- S-04 Temp. Sheet Piling & Temp. MSE Wall
- S-05 Existing Structure Removal
- S-06 Stage Construction Deck Sections
- S-07 Temporary Concrete Barrier
- S-08 Screed Plan & Top of Deck Elevations
- S-09 Top of Deck Elevations
- S-10 Deck Plan
- S-11 Deck Cross Section
- S-12 Superstructure Details
- S-13 Parapet Elevations, Deck Details, & B.O.M.
- S-14 Drainage Scupper, DS-11
- S-15 Bridge Drainage System
- S-16 Framing Plan & Moment Table
- S-17 Girder Elevation & Steel Details
- S-18 Bearing Details
- S-19 Anchor Bolt Details
- S-20 East Abutment Plan & Elevation
- S-21 East Abutment Details & Pile Details
- S-22 West Abutment Plan & Elevation
- S-23 West Abutment Details
- S-24 Mechanically Stabilized Earth Retaining Walls
- S-25 Bar Splicer Assembly
- S-26 Boring Logs
- S-27 Boring Logs

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	70HB-R-1	COOK	283	187
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 62897				



SECTION THRU SEMI-INTEGRAL ABUT.

Dimensions at Right Angles
 *Cost Included with Concrete Superstructure
 Allowable bearing pressure below MSE wall is 215 KPa with a Factor of Safety of 2.5

Addendum #2 2/15/07



REVISIONS	
NAME	DATE

SHT. S-02 OF S-27
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 IL ROUTE 68 OVER US ROUTE 14
 F.A.P. ROUTE 343 SECTION 70HB-R-1
 COOK COUNTY STATION 10+001.778
 STRUCTURE NO. 016-2861
 GENERAL NOTES, B.O.M., & INDEX OF SHEETS
 DESIGNED: BTO DRAWN: BTO
 DATE: 02/07 CHECKED: JAN CHECKED: JAN