

TOTAL BILL OF MATERIAL

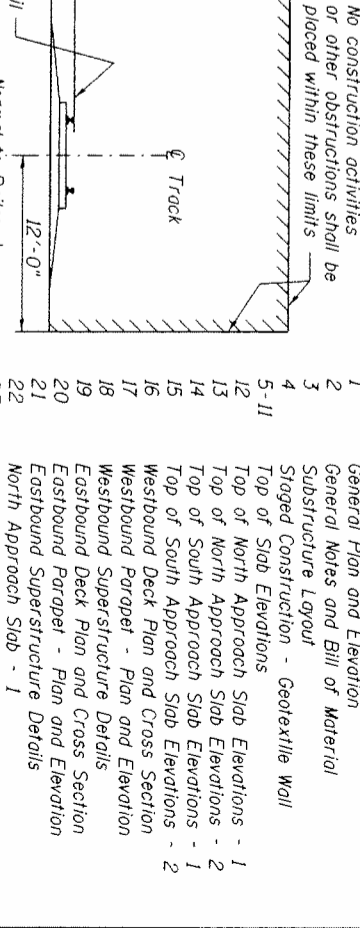
ITEM	UNIT	SUPER	SUB	TOTAL
Detectable Warnings	Sq Ft	53		53
Structure Excavation	Cu Yd		7,076	7,076
Removal And Disposal Of Unsuitable Material For Structures	Cu Yd		4,917	4,917
Floor Drains	Each	4		4
Concrete Structures	Cu Yd		995.0	995.0
Bridge Deck Superstructure	Cu Yd	2,534.7		2,534.7
Form Liner Textured Surface	Sq Yd	5,557		5,557
Furnishing And Erecting Structural Steel	Sq Yd	6,564		6,564
Protective Coat	L Sum	1		1
Stud Shear Connectors	Each	12,824		12,824
Bar Splicers	Pound	670,380	133,250	803,630
Aluminum Rolling, Type L	Each	360		360
Bridge Fence Rolling (Sidewalk)	Foot	335		335
Furnishing Metal Shell Piles 14" X 0.250"	Foot	17,646		17,646
Driving Piles	Foot	17,646		17,646
Test Pile Metal Shells	Each	6		6
Name Plates	Each	1		1
Preformed Joint Strip Seal	Foot	514		514
Elastomeric Bearing Assembly, Type I	Each	31		31
Elastomeric Bearing Assembly, Type II	Each	13		13
Anchor Bolts, 1 1/2"	Each	120		120
Concrete Sealer	Sq Ft	9,580		9,580
Chain Link Fence, 8'	Foot	610		610
Drainage Scuppers, DS-II	Each	4		4
Drainage System	L Sum	1		1
Geotextile Retaining Wall	Sq Ft	15,618		15,618
Mechanically Stabilized Earth Retaining Wall	Sq Ft	36,711		36,711
Modular Expansion Joint 6"	Foot	343		343
Porous Granular Embankment, Subgrade	Cu Yd		4,917	4,917

SECTION B-B
(Looking East)

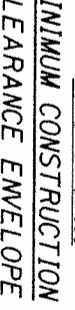
GENERAL NOTES

- Fasteners shall be AASHTO M164 Type 3, mechanically galvanized bolts. Bolts 7/8 in. dia., nuts 5/8 in. dia., unless otherwise noted.
- Calculated weight of Structural Steel:
AASHTO M270 Gr50W = 1,640,980 lbs
ASTM A847 = 1,200 lbs.
- All structural steel shall be AASHTO M270 Gr50W (except expansion joints which shall be AASHTO M270 Gr50 and the HSS used in the traffic masts shall be ASTM A847). All structural steel shall be cleaned as specified in the Section 506 of the Standard Specifications.
- No field welding is permitted except as specified in the contract documents.
- Reinforcement bars designated (E) shall be epoxy coated.
- Concrete sealer shall be applied to the exposed surfaces of the backwalls, bridge seats, and front faces of pile caps of the North and South Abutments.
- All structural steel and exposed surfaces of bearings within a distance of 10 Ft. each way from the deck joints shall be painted as specified in Section 506 of the Standard Specifications. This includes full length of girders and cross frames adjacent to the longitudinal joint.
- The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.
- The concrete for bridge decks finished according to Article 503.16(d) of the Standard Specifications shall be placed and compacted parallel to the skew in uniform increments along centerline of bridge. The machine used for finishing shall be set parallel to the skew for striking off and screeding the concrete.
- The proposed grade separation project shall not increase the quantity and/or characteristics of the flow in the Railroad's ditches and/or drainage structures.
- The elevation of the existing top-of-rail profile shall be verified before beginning construction. All discrepancies shall be brought to the attention of the Railroad prior to construction.
- The contractor must submit a proposed method of erosion and sediment control and have the method approved by the Railroad.
- Slipforming of parapets is not allowed.

SECTION THRU BRIDGE



MINIMUM CONSTRUCTION CLEARANCE ENVELOPE



STATION 109+06.70
BUILT 2011 BY
STATE OF ILLINOIS
F.A.P. RT. 347
SEC. 98-00-338-00-6S
LOADING HL-93
STRUCTURE NO. 045-0079

NAME PLATE
See Std. 515001-01

PILE INSTALLATION NOTES:

- Prior to installing MSE walls, precore 2'-0" min. diameter holes 20 feet deep in native soil.
- Drive piles thru pre-cored holes.
- Fill pre-cored holes with loose sand.
- Coat piles with tar.

Rev. 7-30-12

FILE NAME : JAH-hart	DESIGNED - KJH	REVISION	DATE	BY
6439879-60122-882-ho-1st.dwg	CHECKED - PMH	4/9/2012	J.C.E.	
PLT SCALE = 1/8"=1'-0"	DRAWN - AMV	REVISION		
PLT DATE = 4/9/2012	CHECKED - PMH	REVISION		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES & BILL OF MATERIAL
STRUCTURE NO. 045-0079

SHEET NO. 2 OF 61 SHEETS

REV.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	LY (HB & VB)	DUPAGE/KANE	421	168

ILLINOIS STATE AID PROJECT