

GENERAL NOTES

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

Reinforcement bars designated (E) shall be epoxy coated.

All structural steel shall be AASHTO M 270 Grade 50W. Calculated weight of structural steel = 37450 pounds.

No field welding is permitted except as specified in the contract documents.

The structural steel plates of the Bearing Assembly shall conform to the requirements of AASHTO M 270 Grade 50W.

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.

The Contractor shall obtain a construction permit from the Illinois Department of Natural Resources (IDNR), Office of Water Resources for any temporary construction activity placed in the water except cofferdams. This shall include the placement of material for run-arounds, causeways, etc. Any permit application by the Contractor shall refer to the IDNR 3704 Floodway Construction permit number allowing permanent construction as shown in the contract plans.

Unless otherwise noted, exposed concrete edges shall have a 3/4" chamfer.

Two 1/8 in. adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.

The Contractor shall provide and install all necessary timber shims to construct a level deck surface.

Timber deck planks shall be placed with the grain such that cupping will not cause water to sit on a plank.

All structural timber shall be treated to conform to Section 507 of the Standard Specifications.

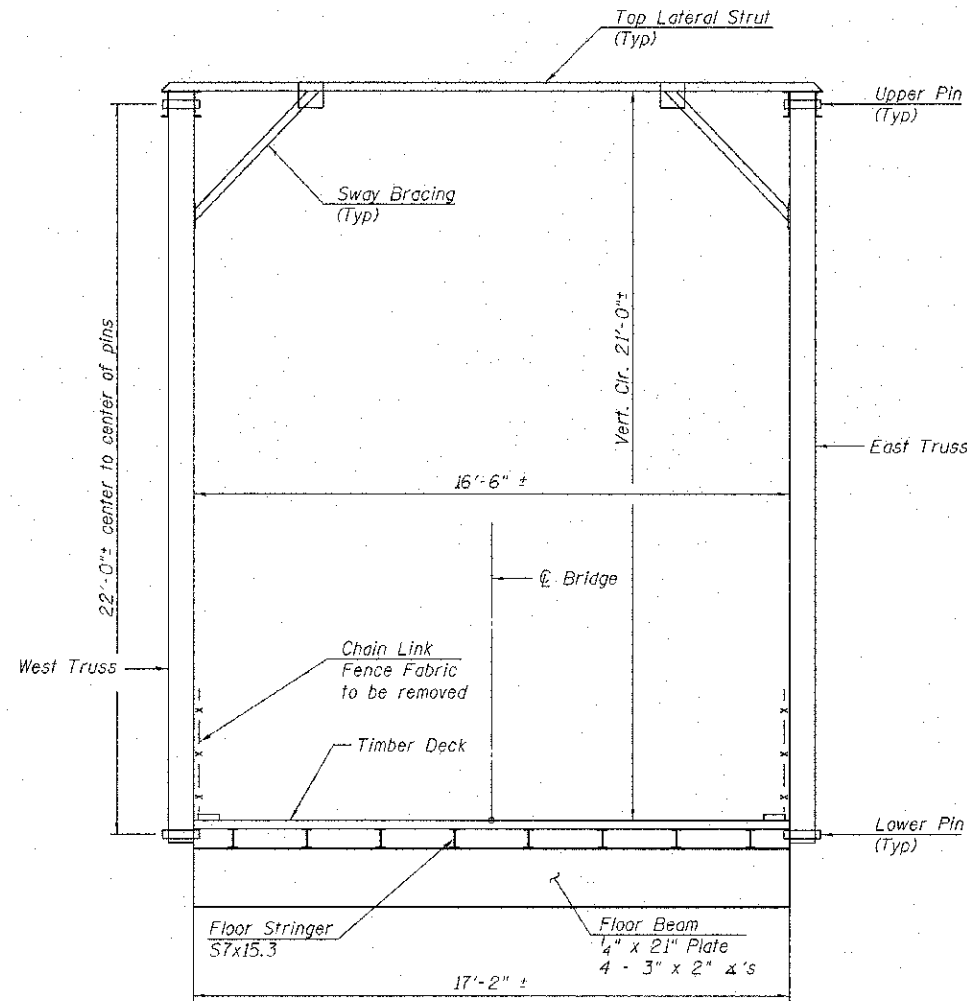
All hardware required for timber construction, including nuts, washers, lag screws, threaded rods and miscellaneous fasteners shall be stainless steel or hot-dipped galvanized and shall conform to Section 507 of the Standard Specifications unless noted otherwise.

If, during the performance of the work, the Contractor finds a conflict or discrepancy related to existing details and dimensions of the existing structure, the Contractor shall report such discrepancies to the Engineer in writing at once and before proceeding with the work affected thereby. The Contractor shall obtain written interpretation or clarification of such discrepancies.

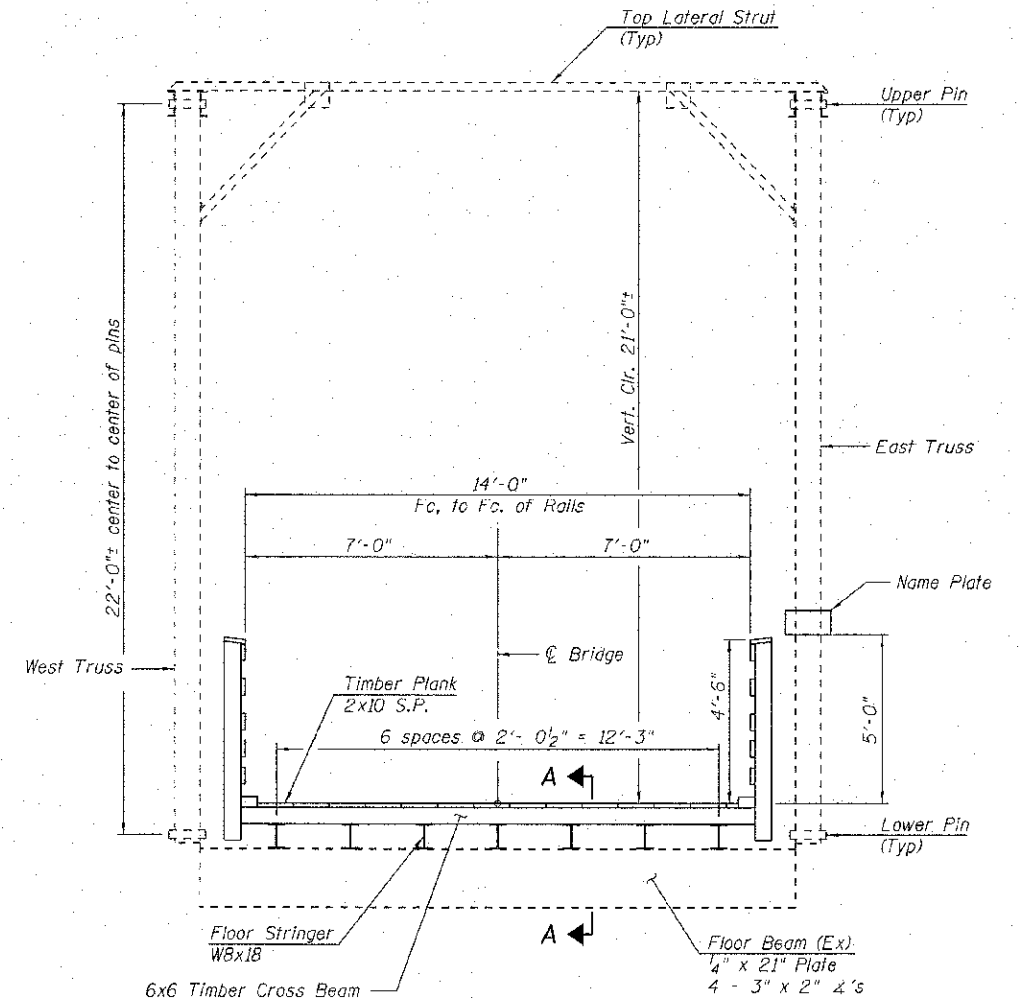
All trees and shrubs within 10' of the bridge wingwalls and abutments shall be removed including roots.

All lumber dimensions given are nominal dimensions. The minimum surfaced areas of timbers shall be as follows:

NOMINAL SIZE	DRESSED
2 x 6	1 1/2" x 5 1/2"
2 x 8	1 1/2" x 7 1/4"
2 x 12	1 1/2" x 11 1/4"
3 x 12	2 1/2" x 11 1/4"
6 x 6	5 1/2" x 5 1/2"
8 x 8	7 1/2" x 7 1/2"



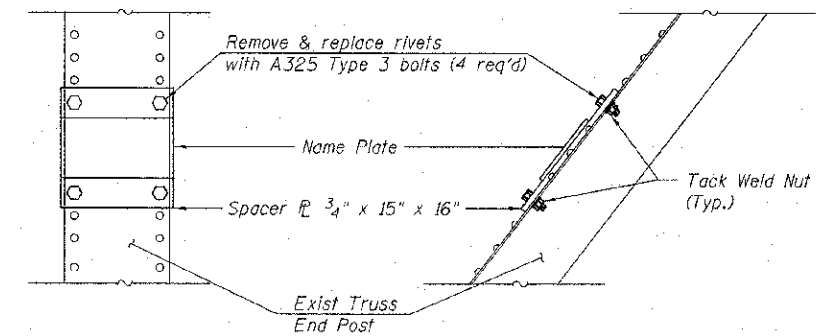
EXISTING CROSS SECTION



PROPOSED CROSS SECTION

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Masonry Removal	Cu Yd		46.0	46.0
Structure Excavation	Cu Yd		284.0	284.0
Concrete Structures	Cu Yd		45.5	45.5
Furnishing & Erecting Structural Steel	Pound	37,450		37,450
Treated Timber	F.B.M.	14,570		14,570
Hardware	Pound	2,780		2,780
Reinforcement Bars, Epoxy Coated	Pound		3,160	3,160
Pedestrian Railing	Foot	80		80
Name Plates	Each	1		1
Elastomeric Bearing Assembly, Type I	Each	2		2
Anchor Bolts, 1/4"	Each		12	12
Masonry Cleaning & Tuckpointing	Sq Yd		44.5	44.5
Stone Riprap, Class A7 (Special)	Ton		82	82
Structural Steel Removal	Pound	21,980		21,980
Structural Steel Repair	Pound		100	100
Removal of Existing Timber Floor	Each	1		1
Structural Repair of Concrete (Depth Greater Than 5 Inches)	Sq Ft		10	10
Jacking & Cribbing	L Sum		1	1
Rivet Removal & Replacement	Each	220		220
Temporary Support System, Location 1	Each		1	1
Temporary Support System, Location 2	Each		1	1



NAME PLATE MOUNTING DETAIL

Notes:
 1. Drill holes in spacer plate to fit over rivet heads.
 2. Weld Name Plate to spacer plate.

E:\Projects\2012\10-00045-00-01\10-00045-00-01.dgn
 USER: kchopman
 FILE: 10-00045-00-01.dgn
 PLOT SCALE: 1/8" = 1'-0"
 PLOT DATE: 4/11/2013



USER NAME = kchopman	DESIGNED -	REVISED
FILE NAME = 10-00045-00-01.dgn	CHECKED -	REVISED
PLOT SCALE = 1/8" = 1'-0"	DRAWN -	REVISED
PLOT DATE = 4/11/2013	CHECKED -	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL NOTES & BILL OF MATERIAL
 STRUCTURE NO. 040-3084

SHEET NO. 2 OF 16 SHEETS

TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
164	10-00045-00-01	JASPER	46	17
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				