

GENERAL NOTES

SPECIFICATIONS:

MINIMUM CLEARANCE: 3" greater than bridge members at all locations. (All Obstructions)

WELDING: All welds to be continuous unless otherwise shown. All welding to be done in accordance with current AWS D1.1 Structural Welding Code (Steel) and the Standard Specificiations.

MATERIALS: All Structural Steel Pipe shall be ASTM A53 Grade B with a minimum yield of 35,000 p.s.i., or A500 Grade B or C with a minimum yield of 46,000 p.s.i. If A500 pipe is substituted for A53, then the outside diameter shall be as detailed and wall thickness greater than or equal to A53. All Structural Steel Plates and Shapes shall conform to AASHTO M270 Gr. 36, Gr. 50 (M183, M223 Gr. 50,).

HIGH STRENGTH BOLTS: All bolts, washers, nuts and locknuts shall satisfy the requirements of ASTM designation A307 unless noted as "H.S." which shall require AASHTO M164 (A325), ASTM A449, or approved alternate. All fasteners shall be hot dip galvanized per AASHTO M232 unless otherwise

GALVANIZING: All Steel Grating, Plates, Shapes and Pipe shall be Hot Dip Galvanized after fabrication in accordance with AASHTO M111. Painting is not

ANCHOR RODS: All-threaded rod shall conform to ASTM F1554 Grade 105, $^{3}4^{\prime\prime}$ ϕ x 12 $^{\prime\prime}$ long, each with one plate washer and locknut and be hot dip galvanized per AASHTO M232. They shall be either cast into the concrete or epoxy grouted in accordance with Section 584 of the Standard Specifications. Minimum embedment in concrete shall be 9".

SCOPE: All work for removing and remounting existing signs shall be coordinated with ISTHA. For re-mounting existing sign structures on new superstructures with railing, the location of the signs will be selected by the contractor during construction. The contractor will consider the railing post spacing during placement. The contractor must install upper brackets prior to railing installation. The existing light fixtures are to be removed. Modifications to other lighting aperatus will be per the specifications or at the direction of ISTHA. See Special Provisions.

The existing underbridge lighting is to be maintained during constrution. See Special Provisions.

- (1) Unit price includes removal, storage, brackets, supports, anchor bolts, fasteners, fabrication, delivery, re-installation, field drilling, other necessary items and coordination with ISHTA.
- To re-mount existing signs, new PPC I beam holes may be formed during casting or may be field drilled. For field drilling, prestressing strand locations shall be determined and holes spaced to miss strands by 6", min. Minimize spalling during field drilling
- (3) Contractor shall field check all pertinent existing bridge dimensions shown on plans before submitting shop drawings.
- (4) Sign shall not extend more than 6" above top of bracket, and this dimension may vary to keep sign level if bridge is on grade or vertical curve. Multiple signs of various heights shall share a common horizontal centerline and use equal bracket heights. If no sign is attached to a vertical bracket (bracket only supporting walkway), bracket height shall be the same as an adjacent bracket with a sign attached, unless Engineer specifically directs shorter brackets due to locational restraints on future uses. (See Detail A for minimum bracket

TOTAL BILL OF MATERIAL

REMOVE AND RE-ERECT BRIDGE MOUNTED SIGNS Each

E NAME =	USER NAME =	DESIGNED - JPMILLA	REVISED -	
0199-62099-17-SIGN DET.dgn		CHECKED - RALEE	REVISED -	STATE OF ILLINOIS
	PLOT SCALE =	DRAWN - RMKANE	REVISED -	DEPARTMENT OF TRANSPORTATION

REVISED

CHECKED - RALEE

PLOT DATE = 07/01/2011

BRIDGE MOUNTED SIGN DETAILS SHEET NO. 17 OF 33 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
876	2001-001BR	соок	62	36			
STRUCTURE NO. 016-0199 CONTRACT NO. 62099							
ILLINOIS FED. AID PROJECT							