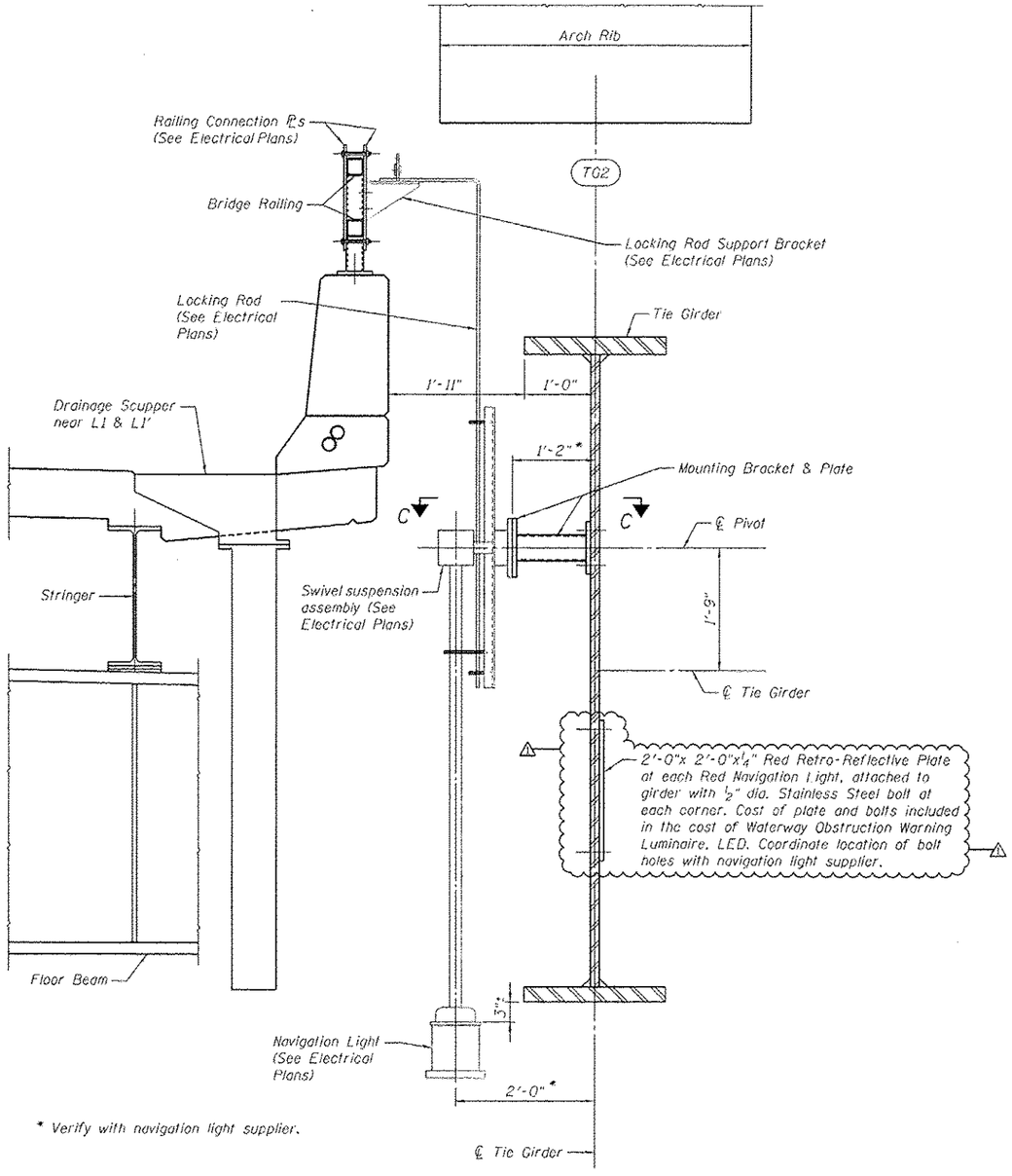
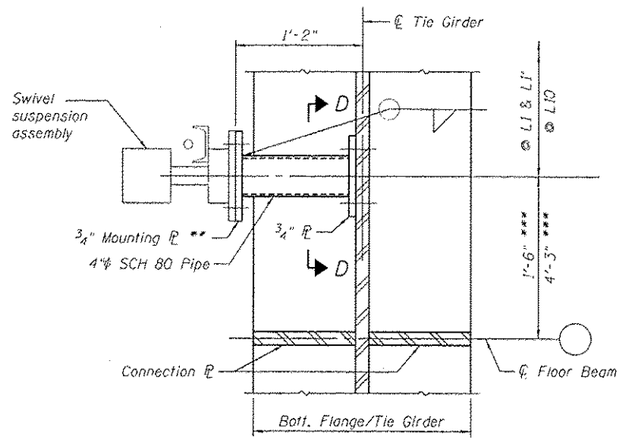


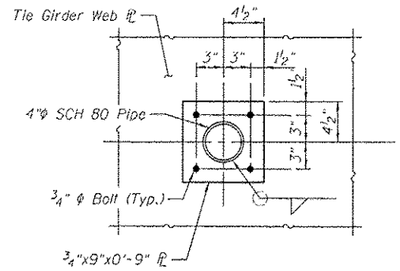
NAVIGATION LIGHT MOUNTING BRACKET DETAIL

L1/L1' - SHOWN, L10 - SIMILAR



SECTION C-C

(6 Required)



SECTION D-D

** Plate size and bolts according to navigation light manufacturer.

*** See Electrical Plans for navigation light locations.

Notes:

1. See Navigation Lighting details in the Electrical plans.
2. The navigation light, including the swivel suspension assembly, locking rod, rod support bracket and railing connection plates shall be included in the cost of Waterway Obstruction Warning Luminaire, LED. See Electrical Plans.
3. Structural steel for brackets shall be AASHTO M 270 Grade 50. Schedule 80 pipe shall be ASTM A53 Grade B.
4. The navigation light mounting brackets shall be included in the cost of Structural Steel.
5. Coordinate the connection details for the suspension assembly with the suspension assembly manufacturer.

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DELL T3610
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FILE NAME =	USER NAME =	DESIGNED - VCP	REVISED - ⚠ ADDENDUM NO. 1, 11/25/2014	
exp U.S. Services Inc. Chicago, IL BUILDINGS · EARTH & ENVIRONMENT · ENERGY INDUSTRIAL · INFRASTRUCTURE · SUSTAINABILITY	DATE - 11/25/2014	CHECKED - RSN	REVISED -	
	PLOT SCALE =	DRAWN - HBJ	REVISED -	
	PLOT DATE =	CHECKED - VCP	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NAVIGATION LIGHT SUPPORT DETAILS

SHEET NO. S-87 OF 146 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	123B-2	MORGAN	782	468
	SN 069-0525	CONTRACT NO. 72858		
	ILLINOIS FED. AID PROJECT			