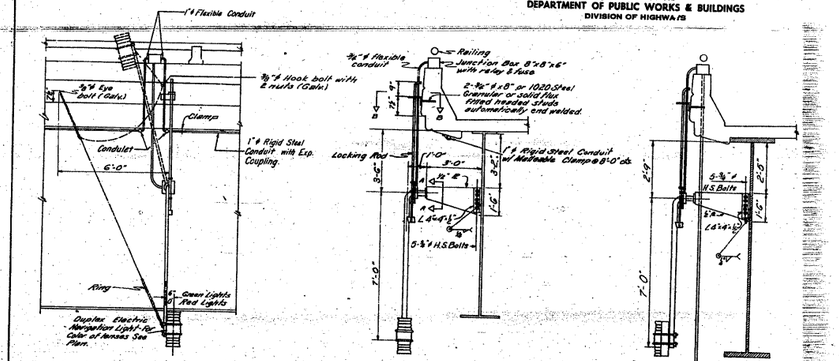
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

DISTRICT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3	73BR-1	RANDOLPH	159	61
ROUTE	NUMBER	FED. AID PROJECT		SHEETS



FRONT ELEVATION

DETAIL AT ℄ CHANNEL

DETAIL AT PIERS

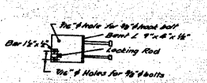
The quantities of brackets (5/8"ϕ & 1/2" Es) are included in Structural Steel.

SCHEMATIC PLAN OF LIGHT SUPPORTS

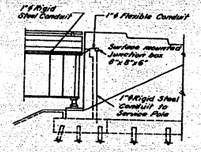
WIRING DIAGRAM

SERVICE POLE

SECTION A-A



SECTION B-B



DETAIL AT ABUTMENT

NOTES

All cable from the navigation lights to the nearest junction box shall be neoprene covered Marine Cable.

All junction boxes shall be 8"x 8"x 6" Cast Iron, except as noted, drilled and tapped for conduit as required.

Angles and plates used in navigation light assembly shall be ASTM A-36 struct.

Locking rod and chain shall be furnished with navigation light.

Furnishing and installing of all equipment and material on this sheet complete in place, is included in the item "Navigation Lighting System, Complete" Except as otherwise noted.

All junction chains shall be stainless steel and of sufficient strength to raise the navigation light to the level of the bridge parapet.

For other requirements see Special Requirements.

NAVIGATION LIGHT

F.A.I. RT. 3 SEC. 73 B-1
RANDOLPH COUNTY
STA. 793+80

FILE NAME =	USER NAME = mannttm	DESIGNED -	REVISED -
c:\pw_work\PWIDOT\MANNTM\dms52245\p1n02005a.dgn		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/27/2010	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS

SCALE: | SHEET NO. 1 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	73BR-11	RANDOLPH	51	46
		CONTRACT NO. 76883		
	ILLINOIS	FED. AID PROJECT		