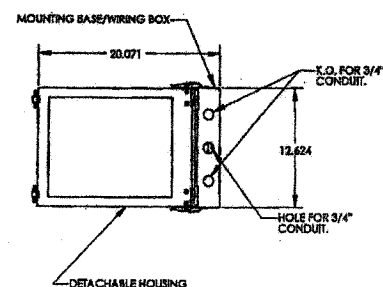
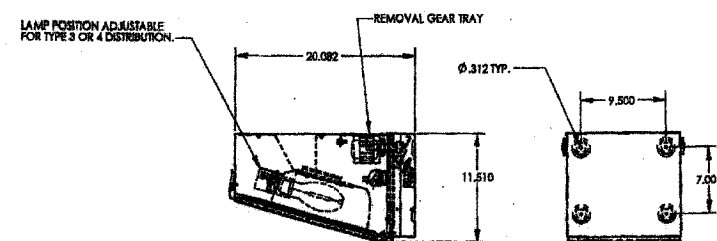
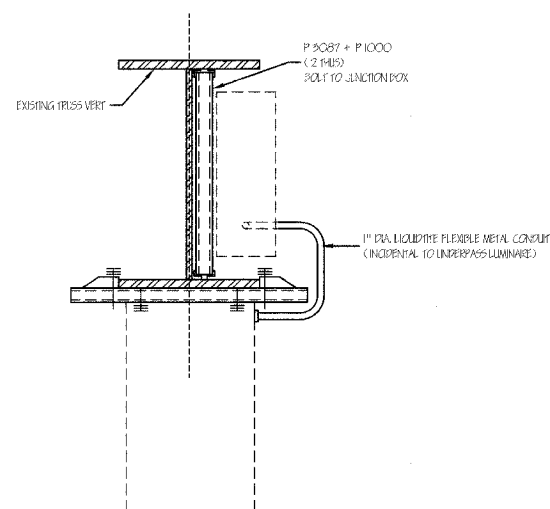


F.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	00-00074-0-LT	COOK	12	12
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



KENALL UNDERPASS LUMINAIRE (OR APPROVED EQUAL)
100W HPS, MODEL NO. WFT 1221



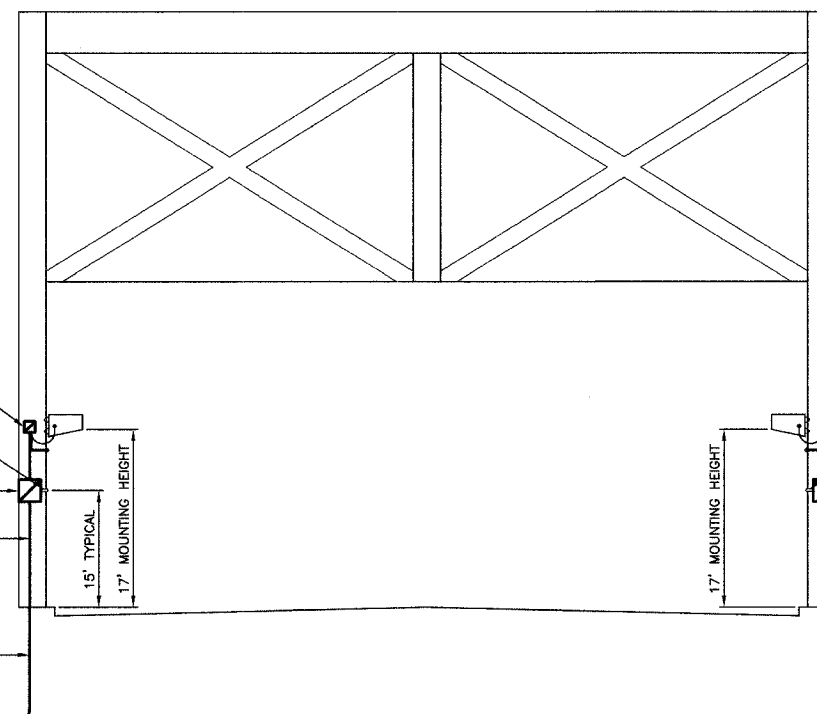
- ALL STRUCTURAL MEMBERS & CONNECTORS SHALL BE "UNISTRUT" OR APPROVED EQUAL WITH A GALVANIZED FINISH
- PROVIDE LOCK WASHERS & DR. NUTS AT ALL CONNECTION
- P 2087 + P 1000 CONN. SHALL PROVIDE A SAFE PULL OUT CAP ≥ 1000 & RESISTANCE TO SLIP ≥ 800
- P 1000 + P 2789 CONN. SHALL PROVIDE A SAFE PULL OUT CAP ≥ 1000 & RESISTANCE TO SLIP ≥ 900

PLAN DETAIL - NOT TO SCALE

UNDERPASS LUMINAIRE & 12"x 10"x 6" JUNCTION BOX ATTACHED TO STRUCTURE WITH UNISTRUT CHANNEL (SEE STRUCTURAL DETAILS - THIS PAGE)
2" G.S. CONDUIT ATTACHED TO STRUCTURE (3-1/C NO. 4 CONDUCTORS) (TYP.)

16"x 14"x 6" JUNCTION BOX
2" G.S. CONDUIT ATTACHED TO STRUCTURE (3-1/C NO. 4 CONDUCTORS) (TYP.)

SEE DETAIL AT RIGHT FOR JUNCTION BOX AND CONDUIT ATTACHED TO STRUCTURE



LIGHTING DETAIL FOR TRUSS BRIDGE
LOOKING WEST (NOT TO SCALE)

UNDERPASS LUMINAIRE & 12"x 10"x 6" JUNCTION BOX ATTACHED TO STRUCTURE WITH UNISTRUT CHANNEL (SEE STRUCTURAL DETAILS - THIS PAGE)
2" G.S. CONDUIT ATTACHED TO STRUCTURE (3-1/C NO. 4 CONDUCTORS) (TYP.)

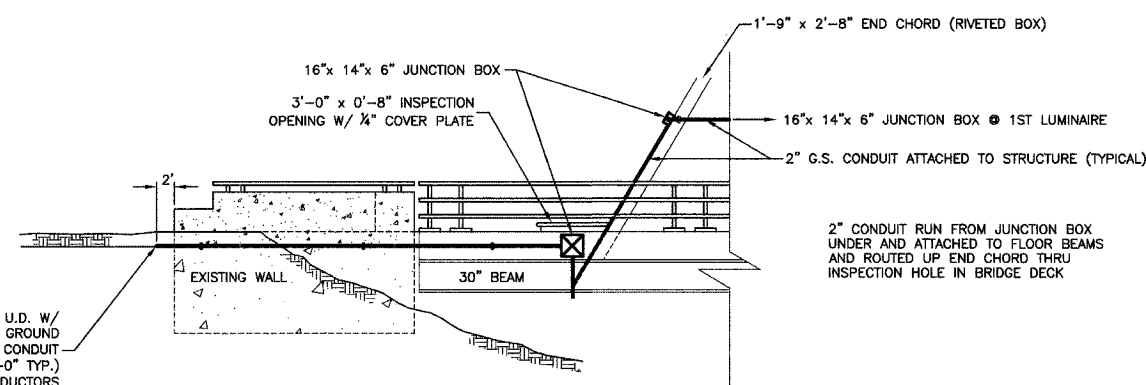
16"x 14"x 6" JUNCTION BOX
2" G.S. CONDUIT ATTACHED TO STRUCTURE (3-1/C NO. 4 CONDUCTORS) (TYP.)

HANDRAIL

16"x 14"x 6" JUNCTION BOX ATTACHED TO BRIDGE DECK (TYPICAL BOTH SIDES OF BRIDGE)

2" G.S. CONDUIT ATTACHED TO STRUCTURE (TYPICAL BOTH SIDES OF BRIDGE)

2" G.S. CONDUIT TO FIRST LIGHT POLE EAST OF BRIDGE (UNIT DUCT RUN WITHIN)



LIGHTING DETAIL FOR TRUSS BRIDGE LOOKING SOUTH
FROM NORTH SIDE OF BRIDGE (NOT TO SCALE)

2" CONDUIT RUN FROM JUNCTION BOX UNDER AND ATTACHED TO FLOOR BEAMS AND ROUTED UP END CHORD THRU INSPECTION HOLE IN BRIDGE DECK

ROBINSON ENGINEERING, LTD. CONSULTING REGISTERED PROFESSIONAL ENGINEERS AND PROFESSIONAL LAND SURVEYORS 17000 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 60473 (708) 331-6700 FAX (708) 331-3826 © COPYRIGHT 2003			REVISIONS	
No.	Date	Remarks		
1	05/24/05	PAP		
2	08/05/05	PAP		
3	11/01/05	PAP		
4	11/21/05	BEO		
127TH STREET UNDERPASS LUMINAIRE LIGHTING DETAILS				
ALSIP, ILLINOIS				
Drawn by:	AG/EDG	Date:	02/07/05	
Checked by:	RYIII	Scale:	NONE	
Sheet:	of	Project No.:	99-562.02	