

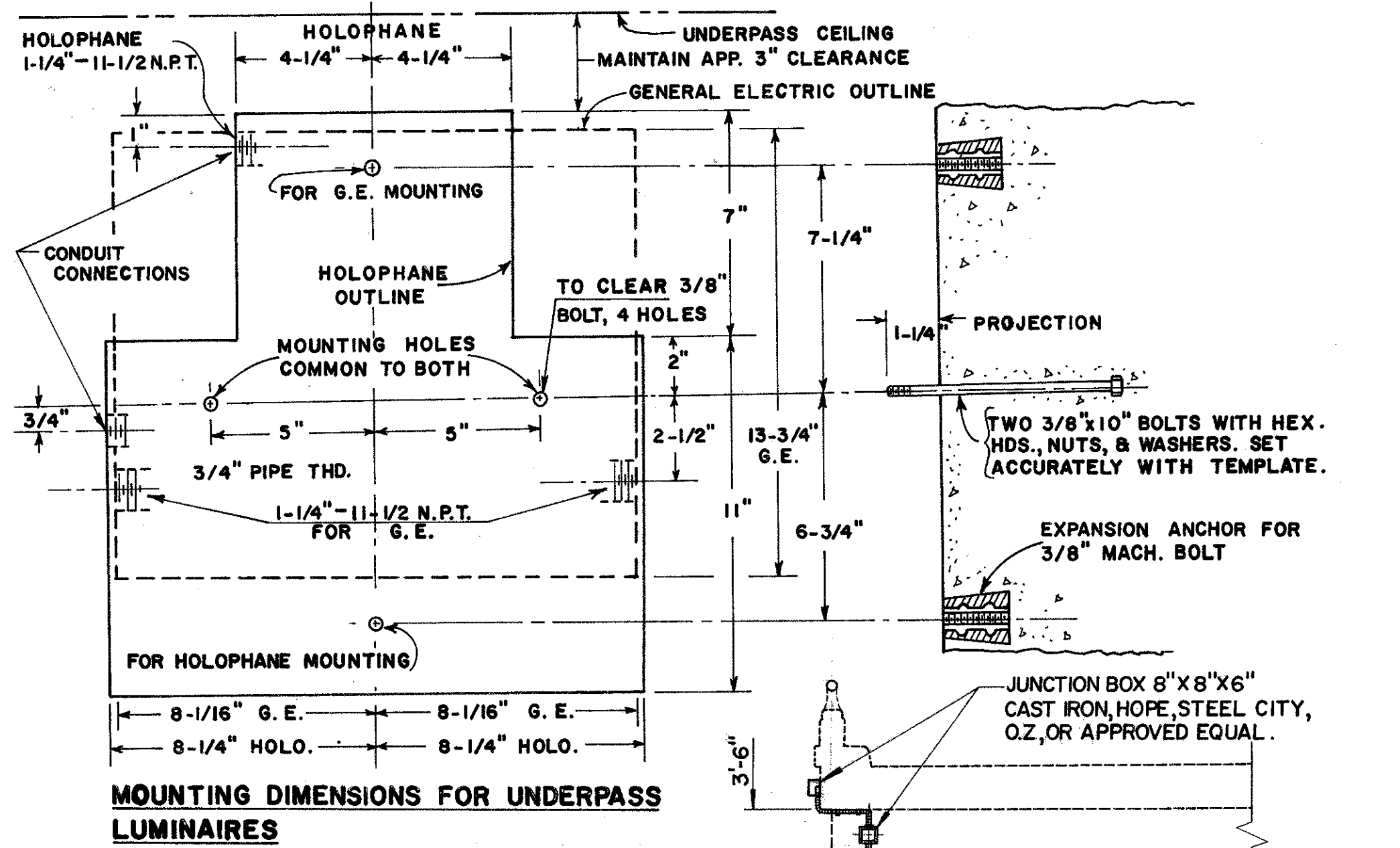
LIGHTING DETAILS

NO SCALE

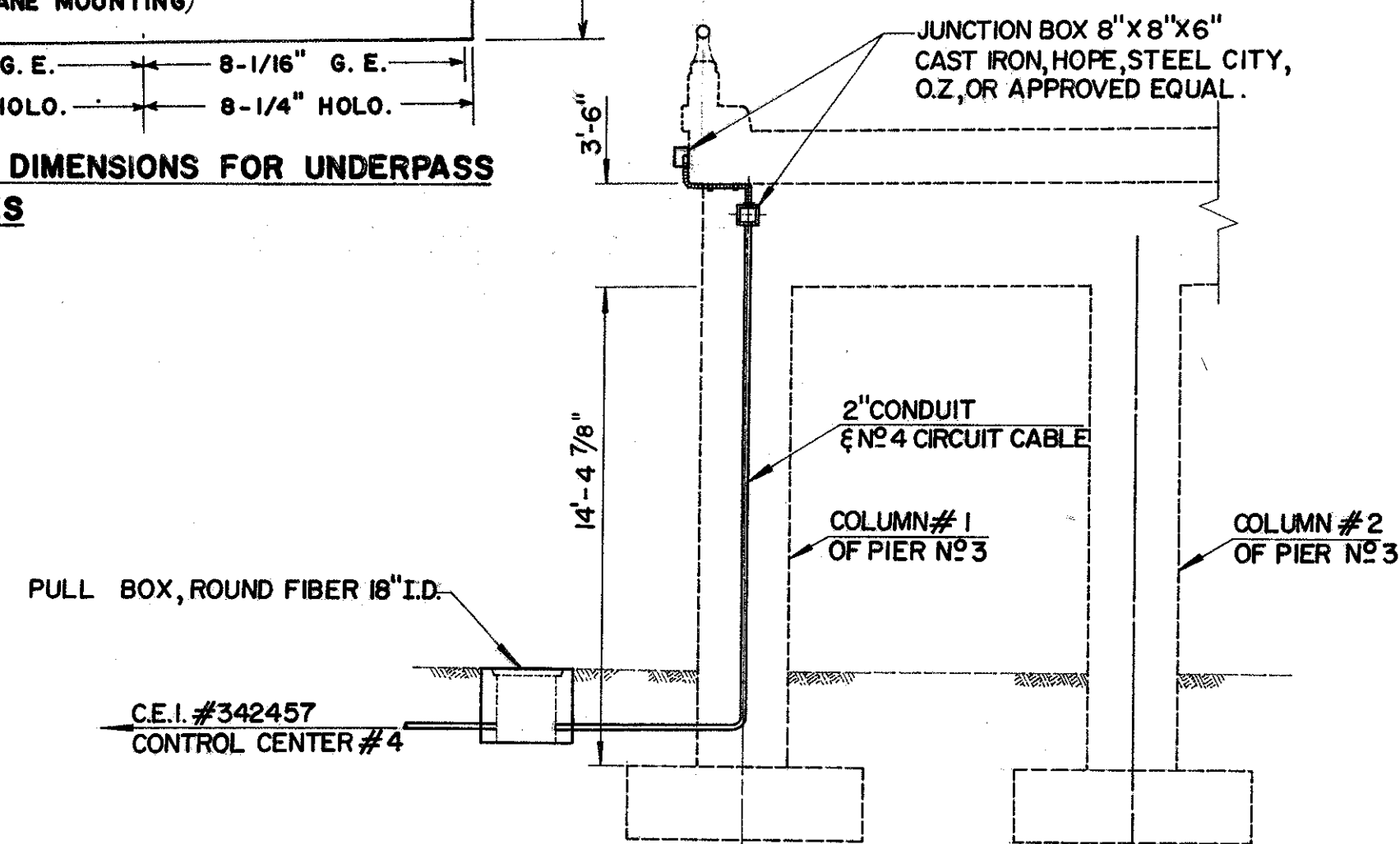
FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

16
18

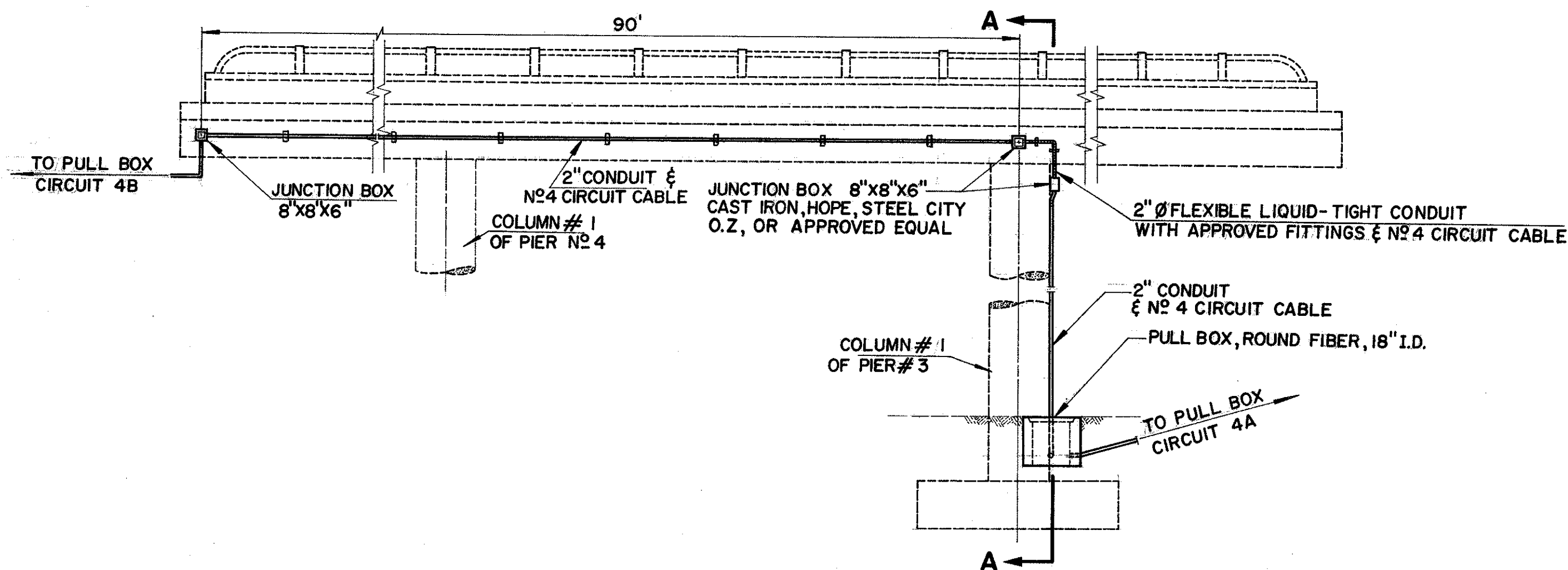
LAKE COUNTY
LAK-2-0.01



MOUNTING DIMENSIONS FOR UNDERPASS LUMINAIRES

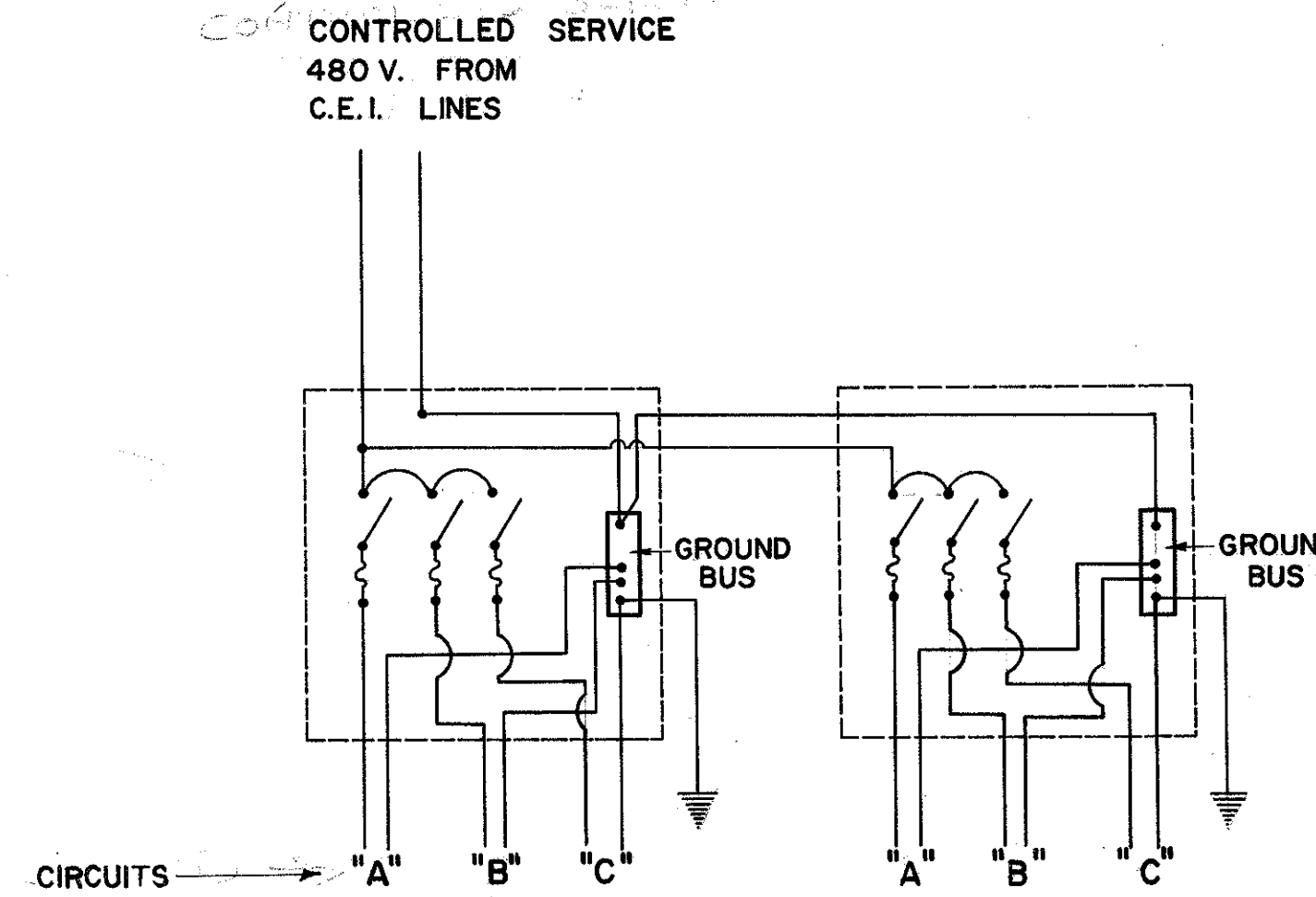


**VIEW A-A
WEST FACE OF PIER NO 3
(COLUMNS # 1 & 2)**



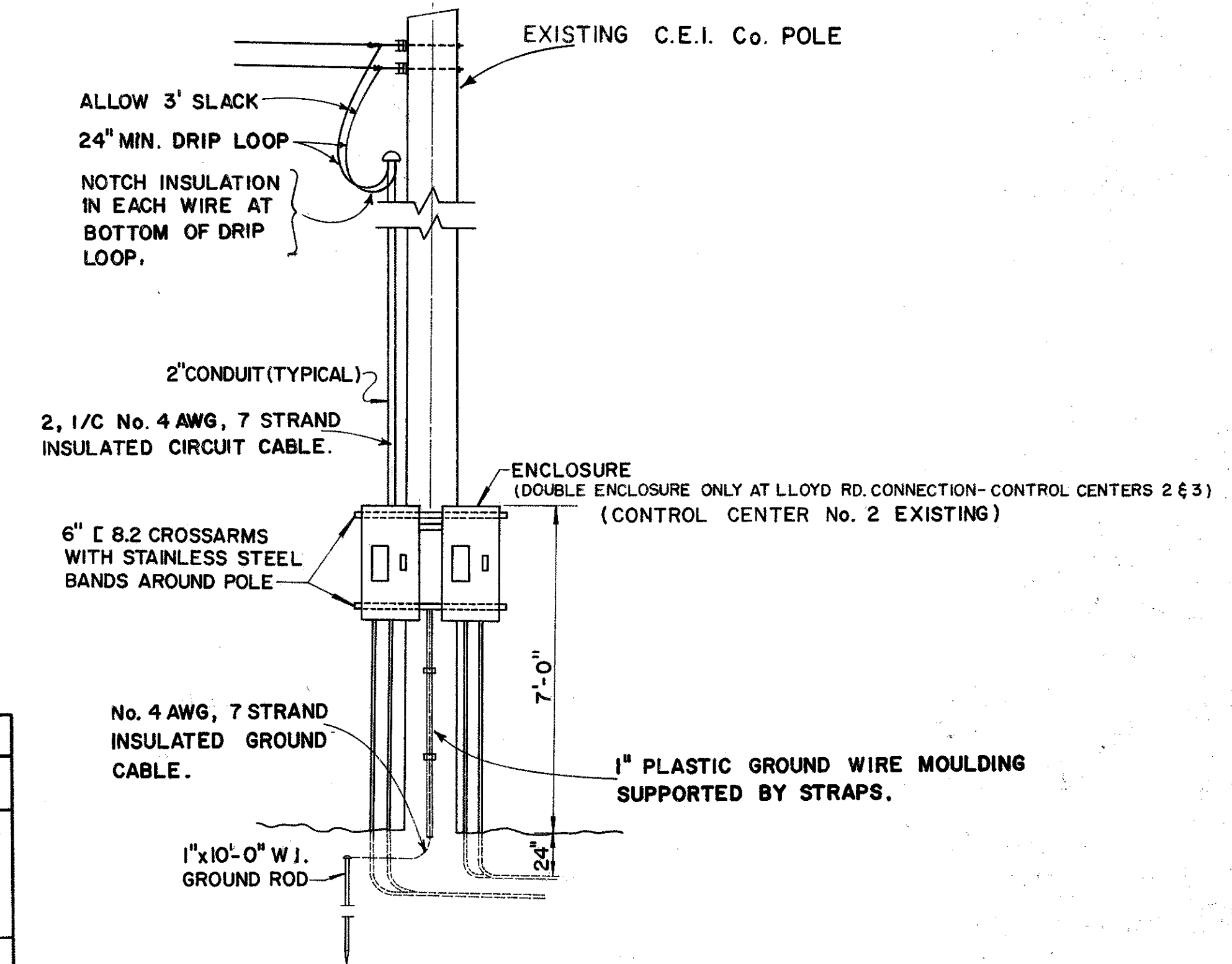
ELEVATION-NORTH FACE OF BRIDGE NO LAK-2-0105 L.

**2" CONDUIT FEED ON WORDEN RD. STRUCTURE
NO SCALE**



TYPICAL CONTROL CENTER WIRING

CONTROL CENTER	"A"	"B"	"C"	"A"	"B"	"C"
Nº 1	1 A S1-1A	1 B	SPARE			
Nº 2, Nº 3 (DOUBLE ENCLOSURE (LLOYD ROAD CONNECTION))	2 A	2 B	SPARE	3 A U.D-3A S2-3A S3-3A S5-3A	3 B	SPARE
Nº 4	4 A S.6-4A	4 B	SPARE			
Nº 5	5 A S.7-5A	SPARE	SPARE			
Nº 6	6 A	6 B U.D-6B S9-6B S11-6B S59-6B S60-6B	SPARE			
Nº 7	7 A S8-7A	SPARE	SPARE			
Nº 8	8 A	8 B	SPARE			
Nº 9	9 A S12-9A	9 B	SPARE			

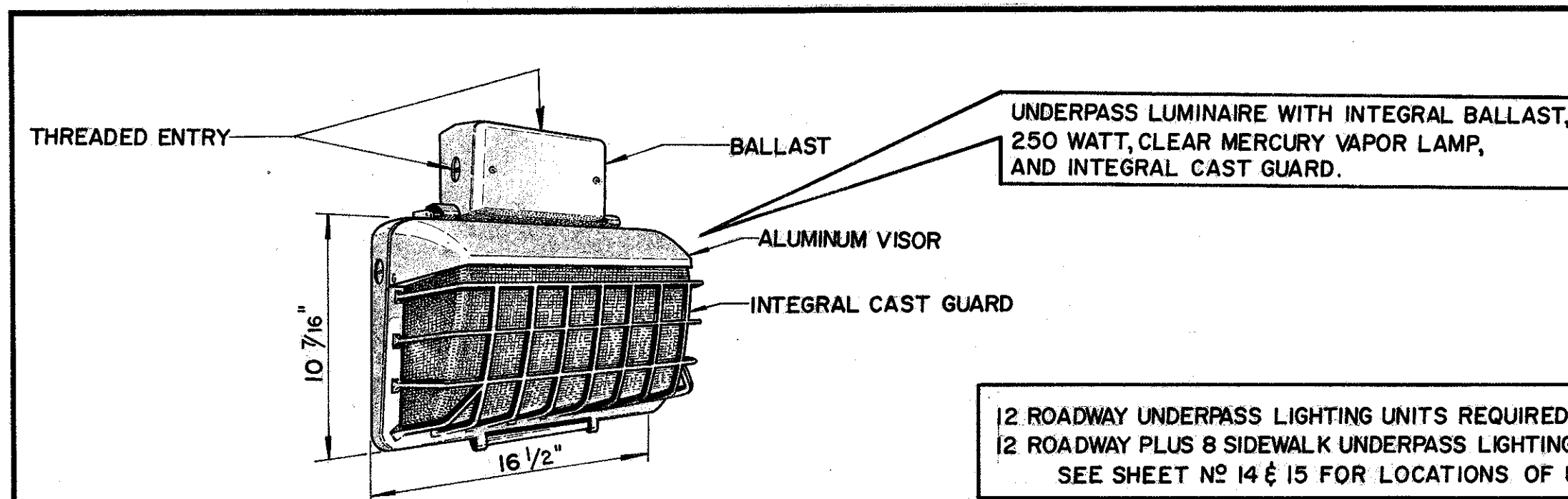


**TYPICAL CONTROL CENTER
NO SCALE**

TYPE M- REMOVE AND RELOCATE EXISTING SAFETY SWITCH AND EQUIPMENT. ADD ONE NEW SAFETY SWITCH.

TYPE N- ADD ONE NEW SAFETY SWITCH.

SAFETY SWITCHES TO BE; SQUARE "D" W999FA221A, COLUMBUS ELECTRIC WORKS CEWIOISS4630, TWYCO T33000SS.



**TYPICAL 250 WATT UNDERPASS LUMINAIRE
NO SCALE**

12 ROADWAY UNDERPASS LIGHTING UNITS REQUIRED AT LLOYD RD. CONNECTION-LAK.2-0057 L & R
12 ROADWAY PLUS 8 SIDEWALK UNDERPASS LIGHTING UNITS REQUIRED AT RUSH RD.-LAK-2-0181 L & R
SEE SHEET Nº 14 & 15 FOR LOCATIONS OF UNDERPASS LUMINAIRES.