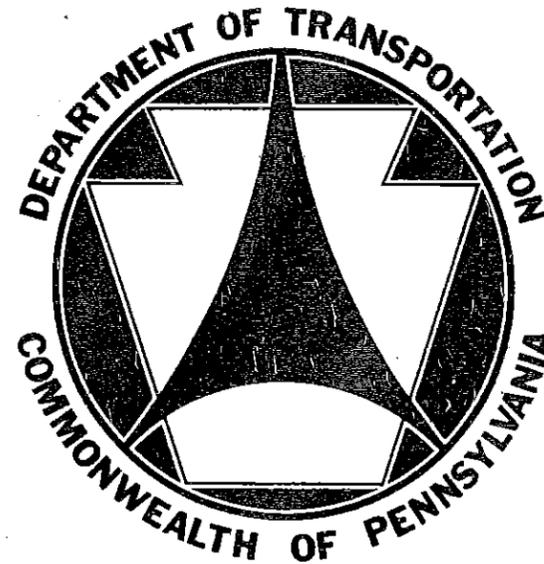


TC-7700 SERIES

TC-7715

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION**

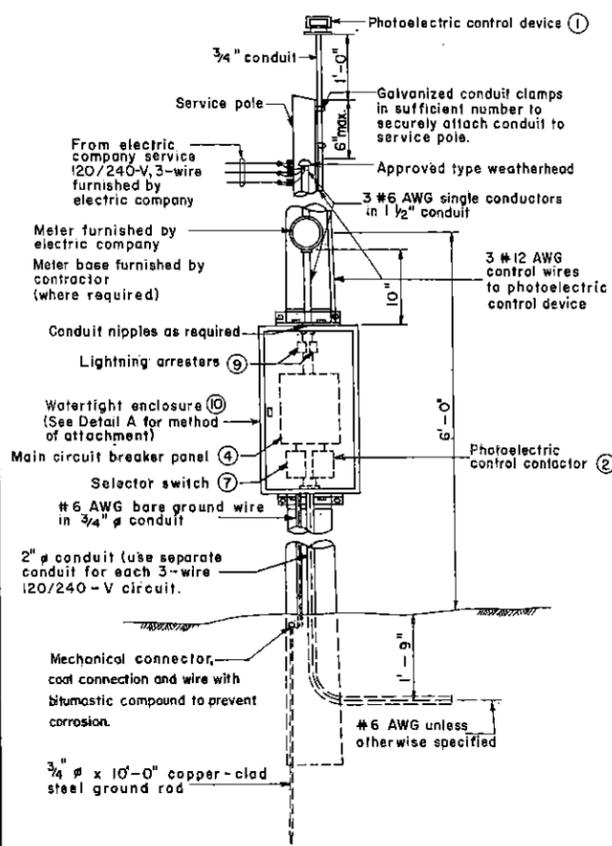


**TRAFFIC STANDARDS
SIGNING**

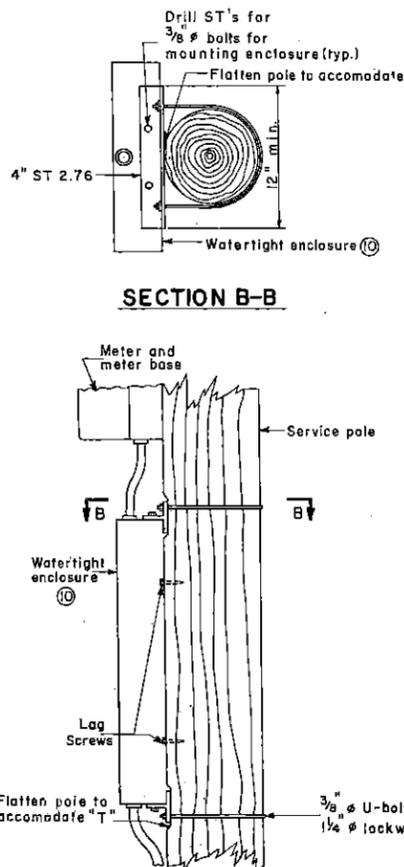


Bethel Wray

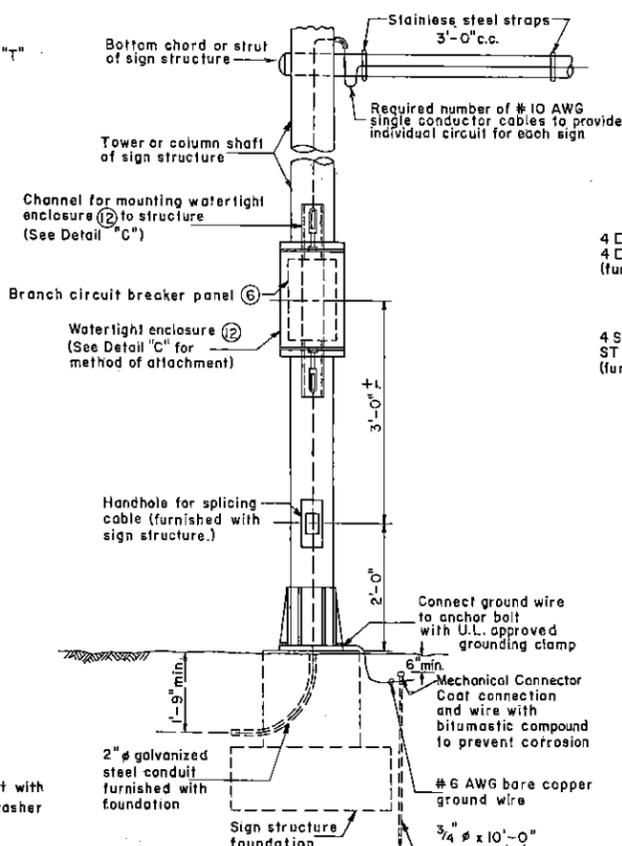
DISTRICT	COUNTY	ROUTE	SECTION	SHEET



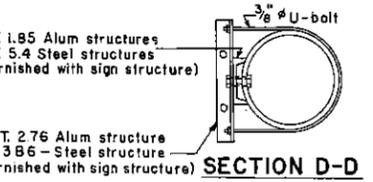
TYPICAL ELECTRIC SERVICE ON SERVICE POLE



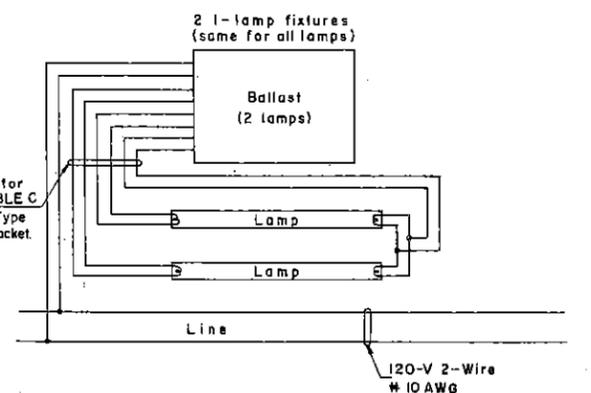
TYPICAL ELECTRIC SERVICE ON SIGN SUPPORT



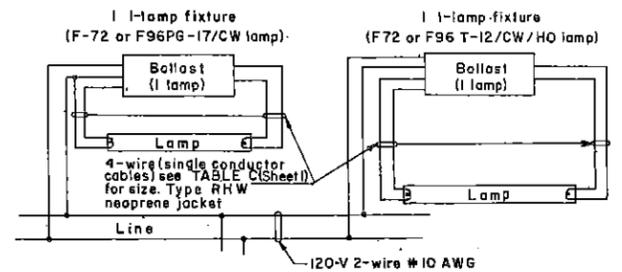
DETAIL "A"



DETAIL "C"

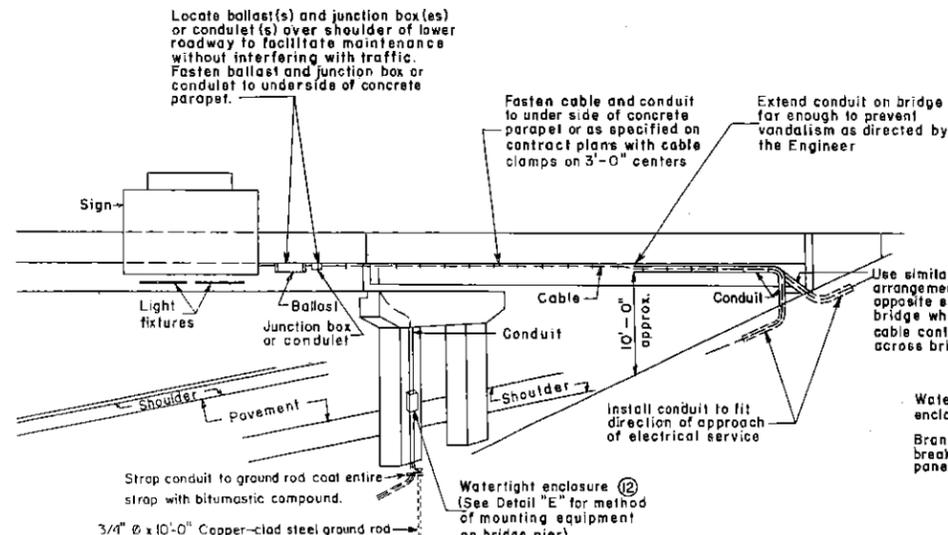


TWO-LAMP BALLAST



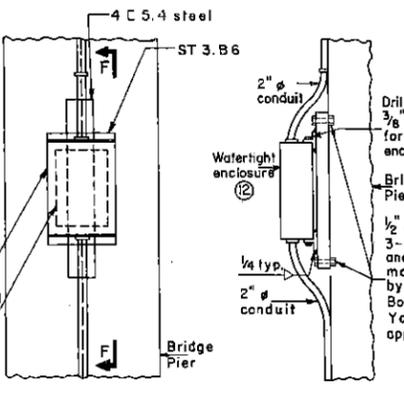
ONE-LAMP BALLAST

TYPICAL CIRCUIT DIAGRAMS FOR LAMP AND BALLAST



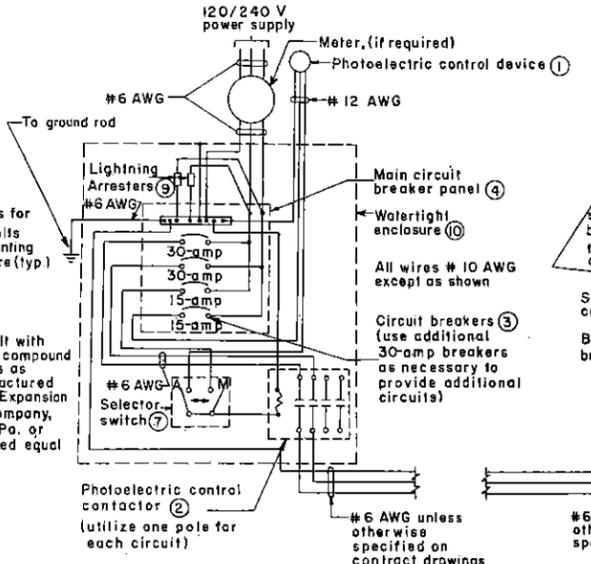
TYPICAL SERVICE FOR SIGNS MOUNTED ON OVERPASS BRIDGE

When bridge is used as cable crossing in lieu of jacking conduit under existing pavement, utilize thru conduit (if existing) in bridge parapet. Otherwise fasten cable and conduit to underside of concrete parapet as detailed above for service to a sign on the bridge. Two methods of extending electrical service from underground trench to bridge are shown. The methods of installation shall be as specified or as shown on the contract drawings.



DETAIL "E"

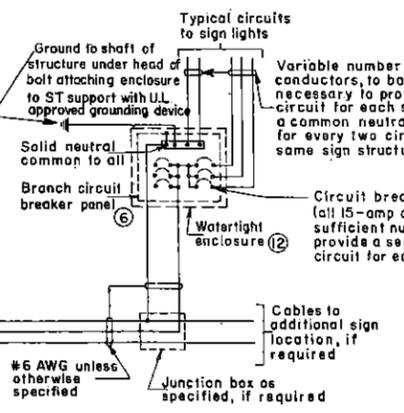
SECTION F-F



AT SERVICE POLE

AT SIGN LOCATION

TYPICAL SCHEMATIC CIRCUIT DIAGRAM FOR CONTROL OF SIGN LIGHTING



NOTE: SEE SHEET I FOR GENERAL NOTES

Revised Sept. 1, 1966

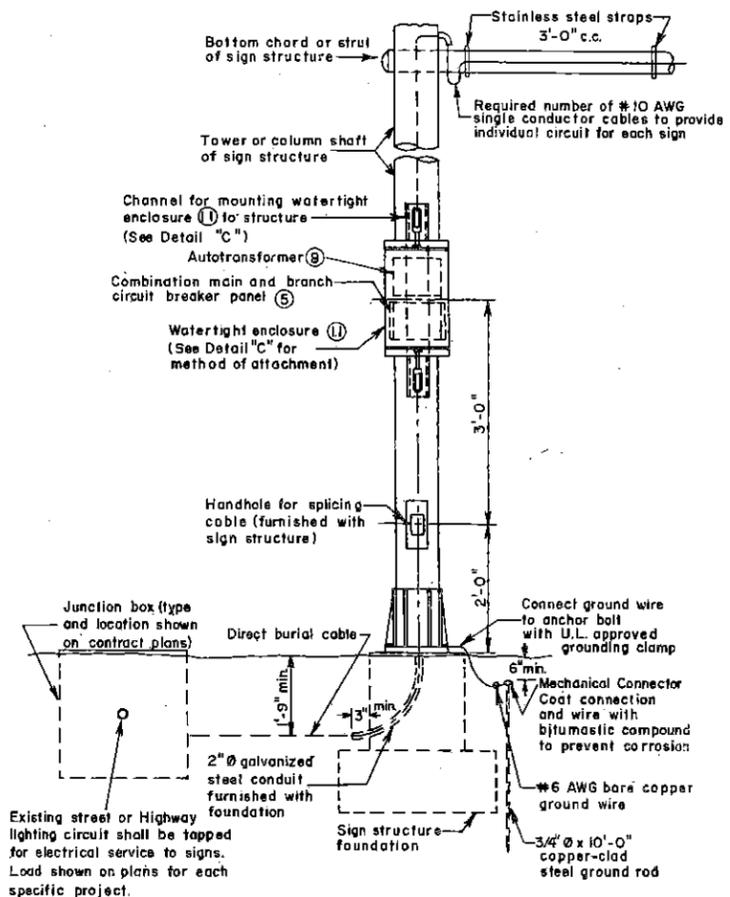
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HIGHWAYS
BUREAU OF TRAFFIC

SIGN LIGHTING FLUORESCENT FROM 120/240-VOLT SERVICE.

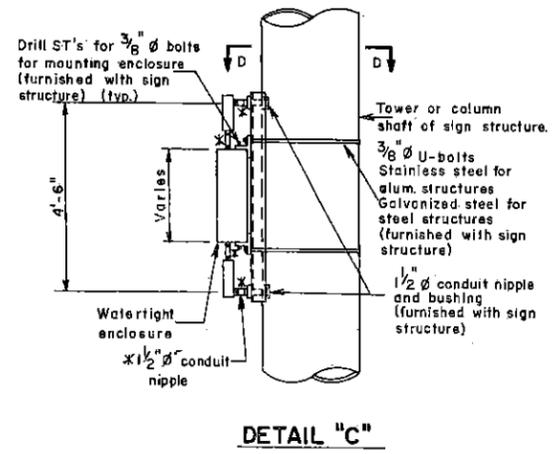
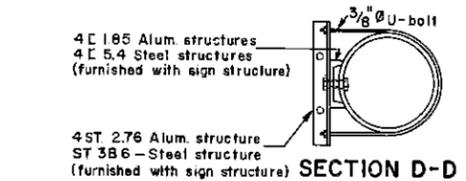
Approved: _____ Date: _____
Approved: _____ Date: _____
Approved: _____ Date: _____

2 OF 3 SHEETS TRAFFIC STANDARD 7715

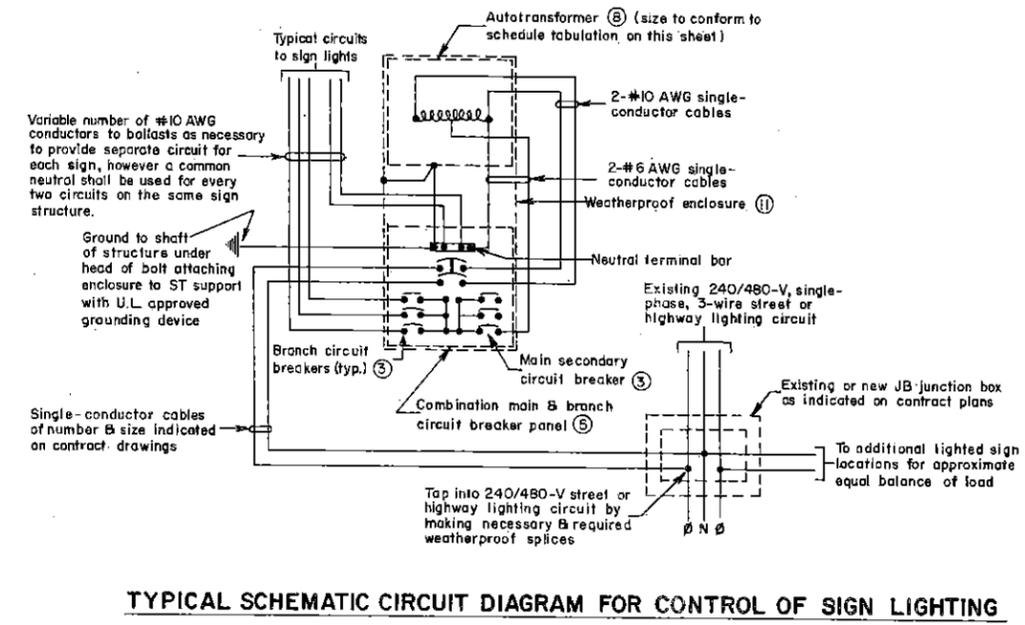
TRAFFIC BY FINAL 87



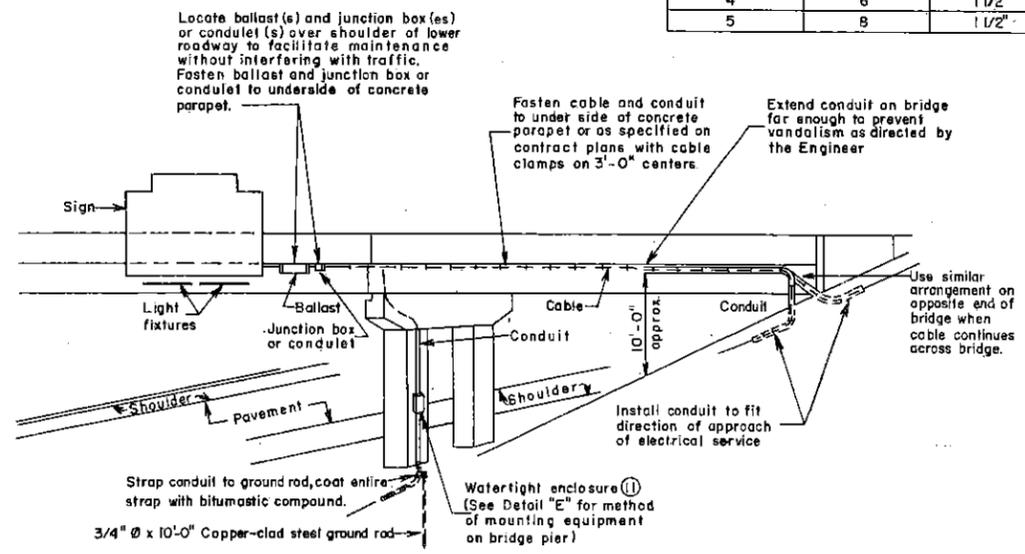
TYPICAL ELECTRIC SERVICE ON SIGN SUPPORT



SCHEDULE FOR SIGN STRUCTURES					
NO. OF SIGNS ON STRUCTURE	NO. OF SINGLE-CONDUCTOR CABLES	SIZE OF WEATHERHEAD	MAXIMUM WATTAGE ON STRUCTURE	VA SIZE OF AUTOTRANSFORMER	SIZE OF SECONDARY BREAKER FOR AUTOTRANSFORMER
1	2	3/4"	400	500	15 AMPERES
2	3	1"	600	750	20 AMPERES
2	3	1"	800	1000	20 AMPERES
3	5	1 1/4"	1200	1500	20 AMPERES
4	6	1 1/2"	1300	1500	20 AMPERES
4	6	1 1/2"	1600	2000	20 AMPERES
5	8	1 1/2"	1800	2000	20 AMPERES

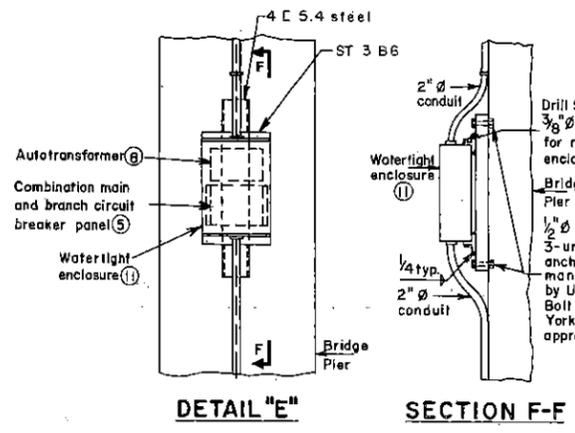


TYPICAL SCHEMATIC CIRCUIT DIAGRAM FOR CONTROL OF SIGN LIGHTING

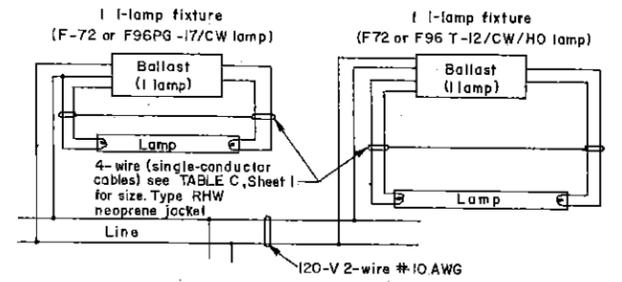


TYPICAL SERVICE FOR SIGNS MOUNTED ON OVERPASS BRIDGE

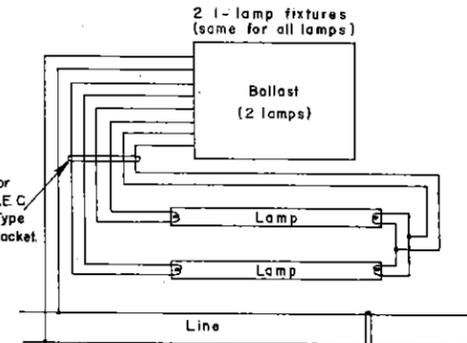
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DETAIL "E" SECTION F-F



ONE-LAMP BALLAST



TWO-LAMP BALLAST

TYPICAL CIRCUIT DIAGRAMS FOR LAMP AND BALLAST

NOTE: See Sheet I for General Notes

Revised Sept. 1, 1966
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HIGHWAYS
BUREAU OF TRAFFIC
SIGN LIGHTING FLUORESCENT FROM 240/480 - VOLT SERVICE
Approved: *[Signature]* Electrical Engineer Date: 7/18/67
Approved: *[Signature]* Chief Traffic Engineer Date: 7/21/67
Approved: *[Signature]* Chief Engineer Date: _____
3 OF 3 SHEET
TRAFFIC STANDARD 7715