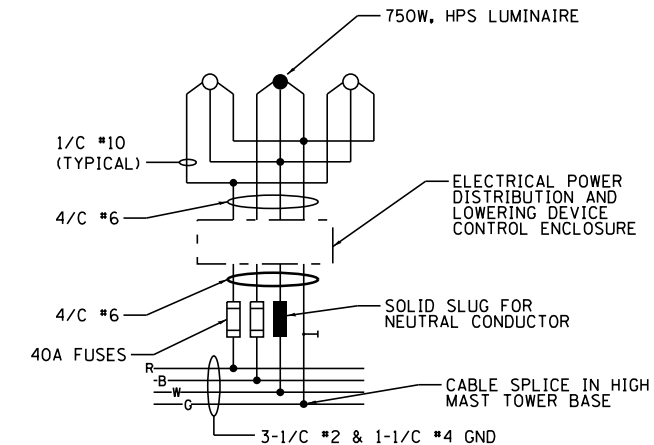
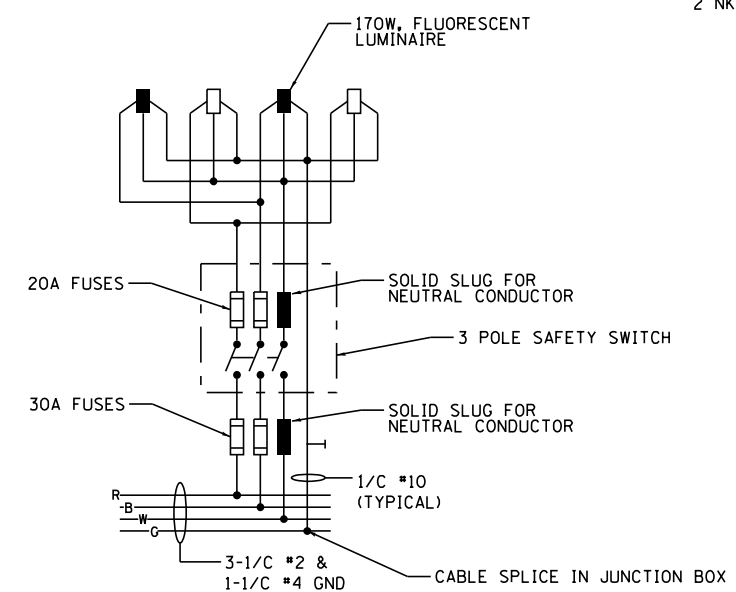
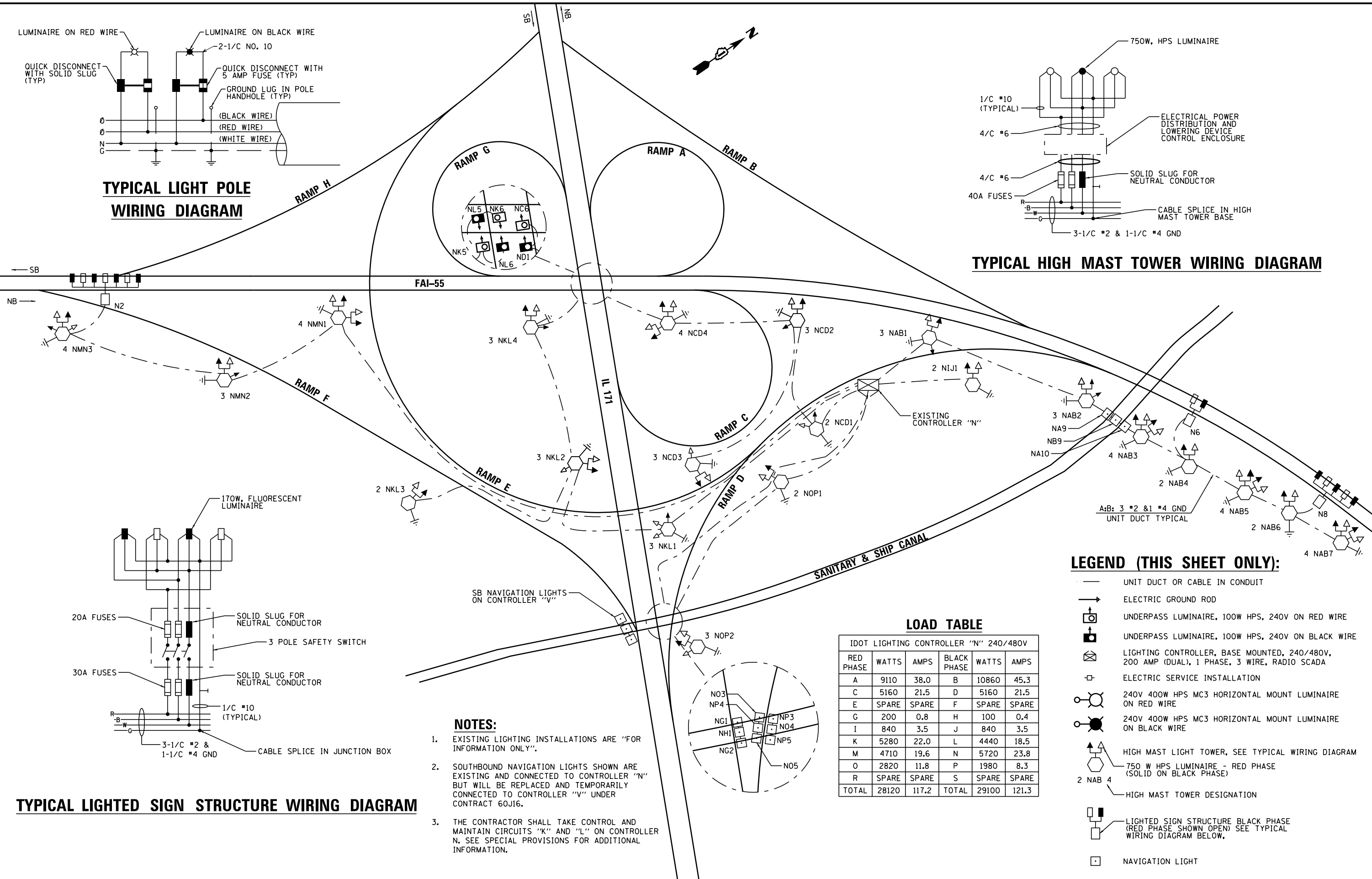


TYPICAL LIGHT POLE WIRING DIAGRAM



TYPICAL HIGH MAST TOWER WIRING DIAGRAM



TYPICAL LIGHTED SIGN STRUCTURE WIRING DIAGRAM

- NOTES:**
- EXISTING LIGHTING INSTALLATIONS ARE "FOR INFORMATION ONLY".
 - SOUTHBOUND NAVIGATION LIGHTS SHOWN ARE EXISTING AND CONNECTED TO CONTROLLER "N" BUT WILL BE REPLACED AND TEMPORARILY CONNECTED TO CONTROLLER "V" UNDER CONTRACT 60J16.
 - THE CONTRACTOR SHALL TAKE CONTROL AND MAINTAIN CIRCUITS "K" AND "L" ON CONTROLLER N. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

LOAD TABLE

IDOT LIGHTING CONTROLLER "N" 240/480V

RED PHASE	WATTS	AMPS	BLACK PHASE	WATTS	AMPS
A	9110	38.0	B	10860	45.3
C	5160	21.5	D	5160	21.5
E	SPARE	SPARE	F	SPARE	SPARE
G	200	0.8	H	100	0.4
I	840	3.5	J	840	3.5
K	5280	22.0	L	4440	18.5
M	4710	19.6	N	5720	23.8
O	2820	11.8	P	1980	8.3
R	SPARE	SPARE	S	SPARE	SPARE
TOTAL	28120	117.2	TOTAL	29100	121.3

- LEGEND (THIS SHEET ONLY):**
- UNIT DUCT OR CABLE IN CONDUIT
 - ELECTRIC GROUND ROD
 - UNDERPASS LUMINAIRE, 100W HPS, 240V ON RED WIRE
 - UNDERPASS LUMINAIRE, 100W HPS, 240V ON BLACK WIRE
 - LIGHTING CONTROLLER, BASE MOUNTED, 240/480V, 200 AMP (DUAL), 1 PHASE, 3 WIRE, RADIO SCADA
 - ELECTRIC SERVICE INSTALLATION
 - 240V 400W HPS MC3 HORIZONTAL MOUNT LUMINAIRE ON RED WIRE
 - 240V 400W HPS MC3 HORIZONTAL MOUNT LUMINAIRE ON BLACK WIRE
 - HIGH MAST LIGHT TOWER, SEE TYPICAL WIRING DIAGRAM
 - 750 W HPS LUMINAIRE - RED PHASE (SOLID ON BLACK PHASE)
 - HIGH MAST TOWER DESIGNATION
 - LIGHTED SIGN STRUCTURE BLACK PHASE (RED PHASE SHOWN OPEN) SEE TYPICAL WIRING DIAGRAM BELOW.
 - NAVIGATION LIGHT