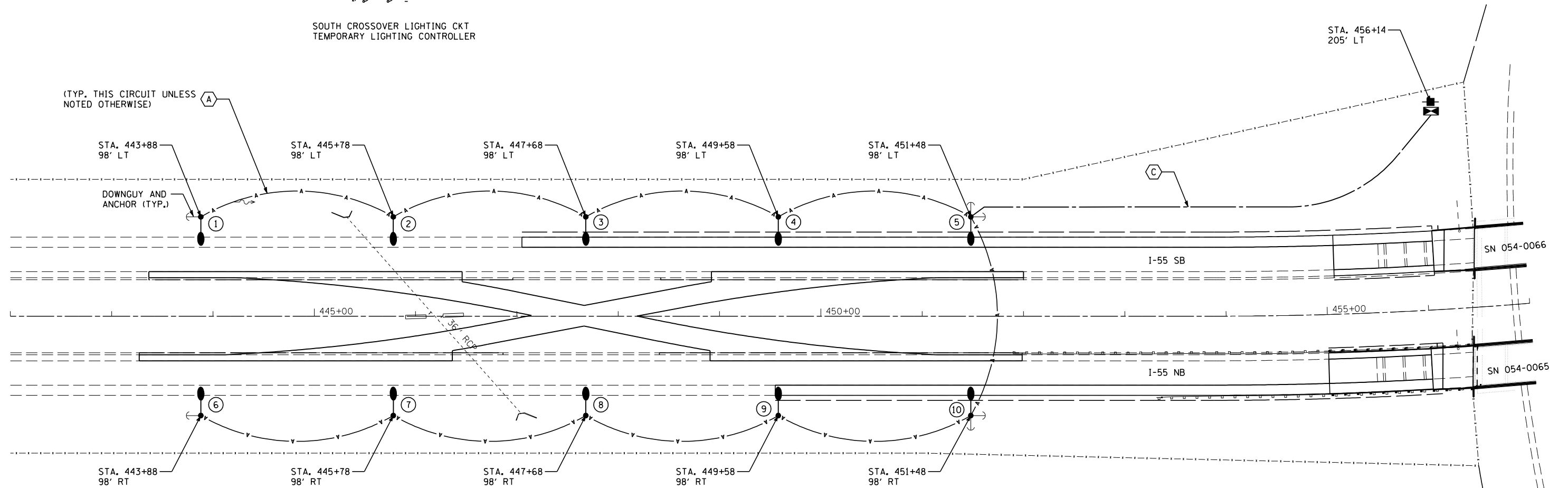


SOUTH CROSSOVER LIGHTING CKT
TEMPORARY LIGHTING CONTROLLER

NOTES:

1. ALL NECESSARY REVISIONS TO THE WIRING SHOWN ON THIS SHEET SHALL BE MADE AT NO ADDITIONAL COST TO THE DEPARTMENT AND TO THE SATISFACTION OF THE ENGINEER.
2. POLE NUMBERING OF EXISTING LIGHTING UNITS IS BASED ON THE AS-BUILT PLANS.

- TEMPORARY 250W ROADWAY LUMINAIRE
- ⬡ EXISTING ROADWAY LUMINAIRE



(TYP. THIS CIRCUIT UNLESS NOTED OTHERWISE)

STA. 443+88
98' LT

STA. 445+78
98' LT

STA. 447+68
98' LT

STA. 449+58
98' LT

STA. 451+48
98' LT

STA. 456+14
205' LT

DOWNGUY AND ANCHOR (TYP.)

STA. 443+88
98' RT

STA. 445+78
98' RT

STA. 447+68
98' RT

STA. 449+58
98' RT

STA. 451+48
98' RT

I-55 SB

I-55 NB

SN 054-0066

SN 054-0065

LEGEND

- TEMPORARY LIGHTING UNIT, 50' WOOD POLE, CLASS 3 WITH 250W HPS MULTI-MOUNT LUMINAIRE
- AERIAL CABLE, SIZE AND TYPE AS INDICATED
- UNIT DUCT, SIZE AND TYPE AS INDICATED
- UNDERGROUND CONDUIT, COILABLE NONMETALLIC, 3" DIA. SCHEDULE 80
- TEMPORARY LIGHTING CONTROLLER, 240V, 30A
- TEMPORARY ELECTRIC SERVICE INSTALLATION, 240V, 30A
- EXISTING LIGHTING CONTROLLER
- EXISTING LIGHTING UNIT

CABLE SCHEDULE

- (A) AERIAL CABLE, 2-1C NO. 4 ALUMINUM WITH MESSENGER WIRE
- (B) AERIAL CABLE, 2-1C NO. 1/0 ALUMINUM WITH MESSENGER WIRE
- (C) UNIT DUCT, 600V, 2-1C NO 6, 1/C NO. 8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
- (D) UNIT DUCT, 600V, 2-1C NO 4, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE

TEMPORARY LIGHTING NOTES

1. POLE HEIGHT SHALL BE INCREASED AS NECESSARY TO MAINTAIN REQUIRED CLEARANCE OF AERIAL CABLE OVER THE ROADWAY.
2. GUYS AND ANCHORS ARE SHOWN AS AN EXAMPLE AND SHALL BE INSTALLED AS NECESSARY TO THE SATISFACTION OF THE ENGINEER.
3. TEMPORARY WOOD POLES SHALL BE SET BACK A MINIMUM OF 30 FEET FROM EXISTING EDGE OF PAVEMENT AND OUTSIDE THE CLEAR ZONE OR 5 FEET BEHIND GUARDRAIL.
4. MULTI-MOUNT LUMINAIRES SHALL BE TILTED 10 DEGREES ABOVE THE STANDARD TILT OF 45 DEGREES.
5. CONTRACTOR SHALL CONNECT THE TEMPORARY LIGHTING CIRCUIT AT THE NORTH CROSSOVER TO THE EXISTING SPARE 30 AMP CIRCUIT BREAKER IN THE EXISTING LIGHTING CONTROLLER SHOWN ON THE PLANS. IF THE SPARE BREAKER IS NOT AVAILABLE THE CONTRACTOR SHALL FURNISH AND INSTALL A 30 AMP, 240 VOLT, 2-POLE CIRCUIT BREAKER IN THE EXISTING LIGHTING CONTROLLER AS NEEDED. THE COST OF THIS WORK SHALL BE INCLUDED IN THE "TEMPORARY LIGHTING SYSTEM" PAY ITEM.
6. NO LIGHTING CIRCUIT OR PORTION THEREOF SHALL BE REMOVED FROM NIGHTTIME OPERATION WITHOUT THE APPROVAL OF THE ENGINEER.