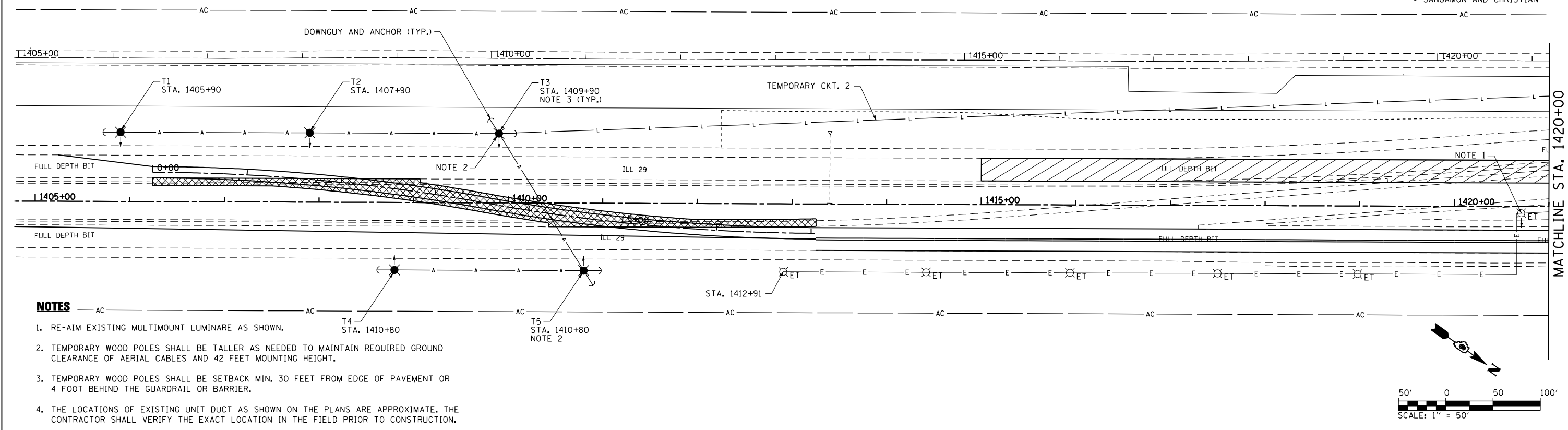


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	84-12; 11-3		729	449
STA. TO STA.		FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT		
SANGAMON AND CHRISTIAN				



NOTES

- RE-AIM EXISTING MULTIMOUNT LUMINAIRE AS SHOWN.
- TEMPORARY WOOD POLES SHALL BE TALLER AS NEEDED TO MAINTAIN REQUIRED GROUND CLEARANCE OF AERIAL CABLES AND 42 FEET MOUNTING HEIGHT.
- TEMPORARY WOOD POLES SHALL BE SETBACK MIN. 30 FEET FROM EDGE OF PAVEMENT OR 4 FOOT BEHIND THE GUARDRAIL OR BARRIER.
- THE LOCATIONS OF EXISTING UNIT DUCT AS SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION IN THE FIELD PRIOR TO CONSTRUCTION.

ILLINOIS DEPARTMENT OF TRANSPORTATION
LUMINAIRE PERFORMANCE TABLE - TEMPORARY LIGHTING

GIVEN CONDITIONS	
ROADWAY DATA:	Pavement Width: 24 FT
	Number Of Lanes: 2
	Median Width: FT
	IES Surface Classification: R3
	Q-Zero Value: .07
LIGHT POLE DATA:	Mounting Height: 42 FT
	Mast Arm Length: FT
	Pole Set-Back From Edge Of Pavement: 30 FT
LUMINAIRE DATA:	Lamp Type: HPS
	Lamp Lumens: 28000
	IES Vertical Distribution: M
	IES Control Of Distribution: NC
	IES Lateral Distribution: 3
	Total Light Loss Factor: 0.884
LAYOUT DATA:	Spacing: 200 FT
	Configuration: One Side
	Luminaire Overhang Over Edge Of Pavement Lane: -30 FT

NOTE: Variations from the above specified IES distribution pattern may be requested and acceptance of variations will be subject to review by the Engineer based on how well the performance requirements are met.

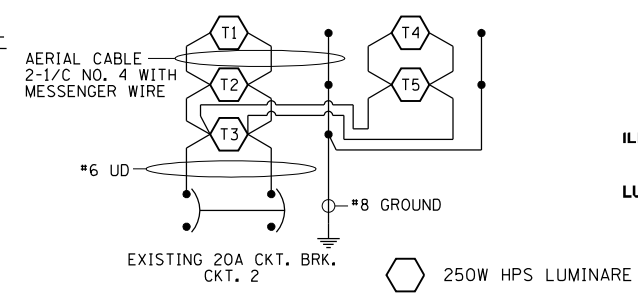
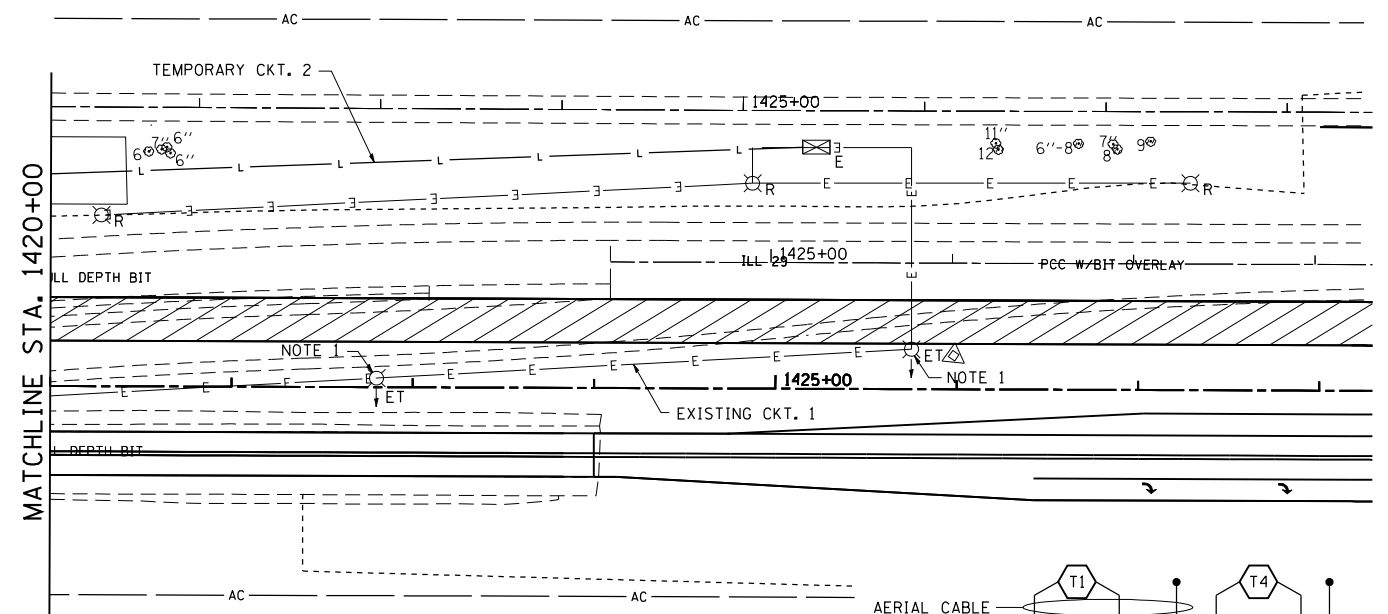
PERFORMANCE REQUIREMENTS

NOTE: These performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.

ILLUMINATION:	Average Horizontal Illumination, (E_{Avg})	0.60 fc
	Uniformity Ratio, (E_{Avg}/E_{Min})	3.0
LUMINANCE:	Average Luminance: (L_{Avg})	0.40 Cd/m ²
	Uniformity Ratios: (L_{Avg}/L_{Min})	3.5
	(L_{Max}/L_{Min})	6.0
	Maximum Veiling Luminance Ratio: (L_v/L_{Avg})	

LEGEND

- EXISTING LIGHTING UNIT TO BE REMOVED
- EXISTING LIGHTING UNIT USED AS TEMPORARY, AND THEN REMOVED
- EXISTING LIGHTING CONTROLLER
- TEMPORARY LIGHTING UNIT, 50' WOOD POLE, CLASS 3 WITH 250W HPS MULTIMOUNT LUMINAIRE, 42' MOUNTING HEIGHT, ARROW INDICATES LUMINAIRE AIMING DIRECTION
- AERIAL CABLE, 2-1/8 NO. 4 ALUMINUM WITH MESSENGER WIRE, UNLESS NOTED OTHERWISE
- UNIT DUCT, 600V, 2-1/8 NO. 6, 1/8 NO. 8 GROUND, (XLP-TYPE USE), 1" POLYETHYLENE
- EXISTING UNIT DUCT



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY LIGHTING PLAN
SOUTH CROSSOVER
SCALE: 1" = 50'
DATE: 03/06/2012
DRAWN BY: IDOT
CHECKED BY: J.M.M.

Default: L:\DOT\030601\Draw\Sheets\030601\Draw\030601\Light_Temp_South.dgn 5/9/2012