



- NOTES:
- TEMPORARY WOOD POLES AND AERIAL CABLE SHALL BE INSTALLED TO EXTEND POWER TO HIGH MAST LIGHT TOWERS WHICH SHALL REMAIN IN PLACE (POP1 AND POP3).
  - TOWER POP2 SHALL NOT BE REMOVED UNTIL TEMPORARY EQUIPMENT IS IN PLACE.
  - THE LUMINAIRES ON POP2 SHALL BE REMOVED FROM HIGH MAST LIGHT TOWER PRIOR TO REMOVING HIGH MAST LIGHT TOWER. THE LUMINAIRES SHALL BE BOXED, TRANSPORTED AND STORED BY THE CONTRACTOR. THE SECURITY OF THE LUMINAIRE IS THE CONTRACTOR'S RESPONSIBILITY. IF THE LUMINAIRE ARE DAMAGED THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE IN KIND TO THE SATISFACTION OF THE ENGINEER.
  - THE HIGH MAST LIGHT TOWER SHALL BE REMOVED, TRANSPORTED TO THE APPROXIMATE LOCATION SHOWN ON THE MAINTENANCE OF TRAFFIC PLAN SHEETS AND STORED BY THE CONTRACTOR. THE ENGINEER SHALL APPROVE THE HIGH MAST LIGHT TOWER LOCATIONS. THE SECURITY OF THE HIGH MAST LIGHT TOWERS IS THE CONTRACTOR'S RESPONSIBILITY. IF ANY PART OF THE TOWER BECOMES DAMAGED BY WHATEVER MEANS, THE CONTRACTOR IS RESPONSIBLE TO REPLACE IN KIND AT NO ADDITIONAL COST AND TO THE SATISFACTION OF THE ENGINEER.
  - EXISTING CABLE RUNS BETWEEN TOWERS POP1 AND POP2 AND BETWEEN TOWERS POP2 AND POP3 SHALL BE TESTED BEFORE AND AFTER PULLING PER SPECIAL PROVISIONS.
  - CONTRACTOR SHALL TAKE CARE IN REMOVING EXISTING FOUNDATION SO AS NOT TO DAMAGE CABLE AND TO LIMIT DAMAGE TO RACEWAY.

- THE RACEWAY SHALL BE CAPPED PRIOR TO POURING CONCRETE FOUNDATION TO ENSURE THAT NO CONCRETE IS POURED INTO RACEWAY.
- PRIOR TO POURING CONCRETE A COUPLING AND RACEWAY EXTENSION SHALL BE INTALLED TO REPLACE DAMAGED RACEWAY. IF THE CABLE IS NOT PULLED INTO THE EXISTING RACEWAY PRIOR TO INSTALLING THE EXTENSION, THE CONTRACTOR SHALL TAKE CARE IN PLACING THE RACEWAY SLEEVE EXTENSION OVER THE CABLE TO ENSURE THERE IS NO DAMAGE TO THE CABLE.
- AFTER FOUNDATION IS IN PLACE THE CABLE SHALL BE PULLED BACK IN PLACE AS REQUIRED AND TESTED PER SPECIAL PROVISIONS.
- HIGH MAST LIGHT TOWER SHALL BE INSTALLED ON NEW FOUNDATION AND LUMINAIRES SHALL BE INSTALLED ON TOWER. CONTRACTOR SHALL RE-INSTALL TOWER IN SAME POSITION/ORIENTATION AS WHEN REMOVED. LUMINAIRES SHALL BE RE-INSTALLED AT ORIENTATION AS WHEN REMOVED. RESIDENT ENGINEER SHALL APPROVE PRIOR TO FINAL PLACEMENT.
- TEMPORARY AERIAL CABLE SHALL BE DISCONNECTED AND THE PERMANENT CONNECTIONS SHALL BE RE-ESTABLISHED.

CONTRACTOR SHALL FURNISH AND INSTALL 30 AMP 2 POLE CIRCUIT BREAKER INSIDE JUNCTION BOX TO ISOLATE THE CIRCUITS "OP & GH". THIS SHALL BE INCLUDED IN THE COST OF MAINTENANCE OF LIGHTING SYSTEM.

BILL OF MATERIALS- ELECTRICAL WORK				
PAY ITEM	DESCRIPTION	UNIT	QUANTITY	
81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	1520	
83057175	LIGHT POLE, WOOD, 35FT, CLASS 3 WITH 15FT MAST ARM	EACH	6	
84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	6	
84400205	RELOCATE EXISTING LIGHT TOWER	EACH	3	
20033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	1	

\* REQUIRES SPECIAL PROVISIONS



DATE 05-05-11  
 EXPIRES ON 11-30-11  
 FOR SHEET NO'S. RLP-01 THRU RLP-03

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USER NAME = #USER#	DESIGNED - BL	REVISED -
PLOT SCALE = #SCALE#	DRAWN - MSA	REVISED -
PLOT DATE = #DATE#	CHECKED - SA	REVISED -
	DATE - 05-05-2011	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TEMPORARY CONNECTION PLAN FOR LIGHTING

F.A.I. RTE. 90/94	SECTION 2011-021-L	COUNTY COOK	TOTAL SHEETS 19	SHEET NO. 17A
CONTRACT NO. 60P16				
ILLINOIS FED. AID PROJECT				

RLP-01