



MEACHAM ROAD

DESCRIPTION OF TEMPORARY LIGHTING WORK

- STAGE I**
- 1.) INSTALL TEMPORARY LIGHTING ALONG THE WEST SIDE OF MEACHAM ROAD, AS SHOWN. CONNECT TEMPORARY CONTROLLER TO PROPOSED ELECTRIC SERVICE LOCATION.
- STAGE II**
- 2.) RELOCATE POLES PER PLAN SHEET 110
 - 3.) INSTALL PROPOSED FOUNDATIONS, UNIT DUCT, POLES, AND LUMINAIRES ALONG EAST SIDE OF MEACHAM ROAD. CONNECT PROPOSED POLES TO TEMPORARY LIGHTING CONTROLLER WITH AERIAL CABLE.
- STAGE III**
- 4.) REMOVE TEMPORARY LIGHTING ALONG THE WEST SIDE OF MEACHAM ROAD, EXCEPT WHERE NOTED.
 - 5.) INSTALL PROPOSED FOUNDATIONS, UNIT DUCT, POLES, AND LUMINAIRES ALONG THE WEST SIDE OF MEACHAM ROAD.
 - 6.) PUSH CONDUIT AND UNIT DUCT UNDER MEACHAM ROAD TO POLES INSTALLED ON THE EAST SIDE OF MEACHAM ROAD.
 - 7.) INSTALL NEW LIGHTING CONTROLLER 'B'. CONNECT TO NEW POLES AND SERVICE DROP.

NOTES

- 1.) EXISTING LIGHTING CONTROLLER 'A' SHALL REMAIN IN OPERATION AT ALL TIMES.
- 2.) THE RELOCATION OF LIGHTING CONTROLLER 'A' SHALL OCCUR IN ONE DAY SO THAT THE EXISTING MEACHAM ROAD/ALGONQUIN ROAD LIGHTING SYSTEM REMAIN IN OPERATION AT ALL TIMES.
- 3.) INSTALLATION OF TEMPORARY WOOD POLES, MAST ARMS, LUMINAIRES, AERIAL CABLE, TEMPORARY LIGHTING CONTROLLER, ALL APPURTENANCES, AS WELL AS, EQUIPMENT AND LABOR SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY LIGHTING SYSTEM.
- 4.) THE TEMPORARY LIGHTING CONTROLLER SHALL OPERATE BY MEANS OF A PHOTOCELL LOCATED ON THE TEMPORARY CONTROLLER CABINET. THE PHOTOCELL SHOULD BE ORIENTATED SO THAT IT IS NOT TRIGGERED BY VEHICLE HEADLIGHTS OR OTHER LIGHT SOURCES THAT WOULD CAUSE INCORRECT OPERATION.
- 5.) SEE SHEET 116 FOR TEMPORARY LIGHTING DETAILS.
- 6.) ALL TEMPORARY EQUIPMENT SHALL BE THE PROPERTY OF THE CONTRACTOR AT THE END OF THE PROJECT. THE CONTRACT IS RESPONSIBLE FOR REMOVING ALL EQUIPMENT FROM THE JOB SITE.
- 7.) THE CONTRACTOR SHALL COORDINATE THE TEMPORARY LIGHTING SYSTEM WITH THE BRIDGE CONTRACTOR TO MINIMIZE CONFLICTS DURING CONSTRUCTION.
- 8.) ALL TEMPORARY CABLE LOCATED ABOVE A ROADWAY SHALL BE AT LEAST 25' ABOVE THE PAVEMENT SURFACE.
- 9.) GUY WIRES SHALL BE INSTALLED WHERE REQUIRED. THIS COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE TEMPORARY LIGHTING SYSTEM.

LEGEND

- TEMPORARY WOOD POLE WITH 10' MAST ARM AND 400 WATT LUMINAIRE MOUNTED AT 45'
- TEMPORARY WOOD POLE WITH 10' MAST ARM AND 400 WATT LUMINAIRE MOUNTED AT 45' (POLE SHARED WITH TRAFFIC SIGNALS)
- TEMPORARY LIGHTING CONTROLLER, PHOTOCELL OPERATED
- AERIAL CABLE, 3-1/C No. 4 WITH MESSENGER WIRE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 VILLAGE OF SCHAUMBURG
 MEACHAM ROAD
 LIGHTING IMPROVEMENTS
 TEMPORARY LIGHTING PLAN
 STA. 302+00 TO STA. 317+00
 SCALE: 1"=50'
 DATE: DECEMBER 2004
 DRAWN BY: KDM
 CHECKED BY: JMV

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