

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	60-15-2 60-15HB-2	MADISON	272	99
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76624				

ELECTRICAL GENERAL NOTES







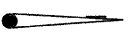





- ALL VEHICLE AND PEDESTRIAN SIGNAL HEADS SHALL HAVE 12" SECTIONS. MOUNTING HARDWARE SHALL BE UNPAINTED ALUMINUM. ALL BOLTS, SCREWS, NUTS, AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SEIZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS
- BACKPLATES SHALL BE ABS PLASTIC
- THE CONTROLLER CABINET SHALL BE UNPAINTED ALUMINUM.
- THE LOCATION OF MAST ARM SUPPORTS SHALL BE APPROVED BY THE ENGINEER BEFORE FOUNDATIONS ARE CONSTRUCTED. MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 3.0 m FROM THE EDGE OF PAVEMENT OR 610 mm FROM THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. IN CURBED SECTIONS, THE MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 1.5 m FROM THE FACE OF THE CURB. THESE DISTANCES ARE TO THE NEAR FACE OF THE MAST ARM POLE.
- ALL TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED. TERMINAL ENDS SHALL HAVE CRIMPED-ON RING TONGUE CONNECTORS.
- ALL HANDHOLES SHALL BE CAST-IN-PLACE PORTLAND CEMENT CONCRETE (PER ARTICLE 814.03(d)). THE CAST IN PLACE LEGEND IN THE COVER SHALL BE "TRAFFIC SIGNALS". SLOPE HANDHOLE COVERS TO MATCH PROPOSED GRADE ELEVATIONS.
- LOCATE UNDERGROUND CABLES PRIOR TO ATTEMPTING TO CONSTRUCT THIS PROJECT.
- AN UNDERGROUND "CABLE MARKING TAPE" SHALL BE INSTALLED WITH ALL TRENCH & BACKFILL FOR ELECTRICAL WORK IN ACCORDANCE WITH THE ARTICLES 819.05 & 1066.05 OF THE STANDARD SPECIFICATIONS
- PEDESTRIAN PUSHBUTTON SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 888 OF THE STANDARD SPECIFICATIONS EXCEPT AS FOLLOWS:
ARTICLE 888.03 SHALL BE REVISED TO READ AS FOLLOWS:
THE PEDESTRIAN PUSH BUTTONS SHALL BE MOUNTED APPROXIMATELY 760 mm (30 in) ABOVE THE HANDICAPPED RAMP LEVEL.
- THE PUSHBUTTON SIGN SHALL BE A R10-4b, 229 mm X 254 mm.
- ESTIMATED DEPTHS OF THE CONCRETE FOUNDATIONS FOR THE MAST ARM SUPPORT POLES ARE AS FOLLOWS:

RAMPS E & D

NW CORNER: 3.7 m DEEP
SE CORNER: 4.6 m DEEP

FINAL DEPTHS WILL BE DETERMINED BY THE DEPARTMENT FROM THE SOIL BORING DATA.

TRAFFIC SIGNALS LEGEND

-  PROPOSED SIGNAL HEAD WITH BACKPLATE, MAST ARM MOUNTED
-  PROPOSED HANDHOLE
-  PROPOSED DOUBLE HANDHOLE
-  PROPOSED HEAVY DUTY HANDHOLE
-  PROPOSED CONTROLLER
-  PROPOSED CONDUIT: "T" TRENCH, "P" PUSH, SIZE SPECIFIED
-  PROPOSED STREET NAME SIGN/TRAFFIC SIGN
-  PROPOSED SERVICE INSTALLATION
-  PROPOSED SIGNAL POST
-  PROPOSED SIGNAL POST WITH BACKPLATE
-  PROPOSED VIDEO CAMERA
-  PROPOSED SIGNAL HEAD, PEDESTRIAN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ELECTRICAL GENERAL NOTES &
LEGEND FAP 310 (IL 255)
SECTION 60-15-2 & 60-15HB-2
MADISON COUNTY
DRAWN BY
CHECKED BY
DATE

12/7/2007

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