

CONSTRUCTION NOTES

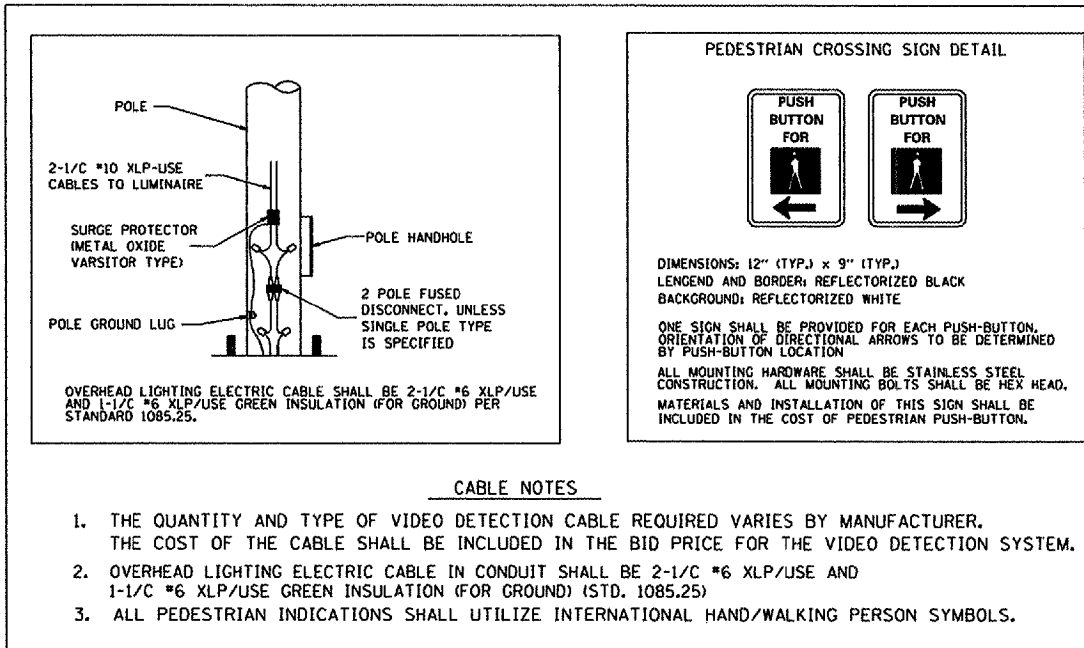
- ALL TRAFFIC SIGNALS AND PEDESTRIAN SECTIONS SHALL HAVE 300MM (12") SINGLE LED LENSES.
- THE RED SECTIONS OF THE SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER AND MAINTAIN A 4.88 METER (16 FT.) MINIMUM CLEARANCE FROM THE HIGHEST POINT OF THE ROADWAY.
- THE PROPOSED MAST ARM MOUNTED TRAFFIC SIGNAL HEADS SHALL BE MOUNTED DIRECTLY OVER THE CENTER OF THEIR RESPECTIVE LANES.
- ALL TRAFFIC SIGNAL HEAD BRACKETS ARE TO BE ALUMINUM WITH A NATURAL FINISH.
- ALL TRAFFIC SIGNAL POSTS ARE TO BE GALVANIZED STEEL.
- PROPOSED HANDHOLES SHALL BE CAST IN PLACE CONCRETE HANDHOLES.
- THE HANDHOLE SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE.
- THE LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY TRAFFIC SIGNAL COMPONENTS.
- COILABLE POLYETHYLENE DUCT MAY BE SUBSTITUTED FOR PVC PUSHED OR TRENCHED.
- THE CONTRACTOR MAY ELECT TO PUSH A CONDUIT THAT IS SHOWN TO BE TRENCHED ON THE PLANS. HOWEVER, THIS WORK WILL BE MEASURED FOR PAYMENT AND PAID FOR AS CONDUIT IN TRENCH OF THE TYPE AND SIZE SPECIFIED AND TRENCH AND BACKFILL FOR ELECTRICAL WORK.
- THE LOCATIONS FOR HANDHOLES, TRAFFIC SIGNAL POST FOUNDATIONS, AND MAST ARM FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE ENGINEER OF TRAFFIC SHALL BE NOTIFIED FOR LOCATION VERIFICATION BEFORE INSTALLATION.
- ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATION.
- THE EXISTING TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING THE CONSTRUCTION OF THE TEMPORARY AND/OR PROPOSED TRAFFIC SIGNALS.
- ANY MAINTENANCE OF EXISTING TRAFFIC SIGNALS SHALL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- ALL STEEL COMBINATION MAST ARM ASSEMBLY AND POLES SHALL BE EQUIPPED WITH A 12 FT. LUMINAIRE ARM AND HAVE A 45 FT. LUMINAIRE MOUNTING HEIGHT.
- NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 0.6 METER (2 FT.) MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THIS COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICES FOR THE CONDUITS.
- ALL TRAFFIC SIGNAL MAST ARMS, POSTS, HANDHOLE LIDS AND RINGS, HANDHOLE FRAMES, CONTROLLER CABINETS, AND PHOTOCELL RELAYS SHALL BE GROUNDED IN ACCORDANCE WITH NEC REQUIREMENTS.
- THE PROPOSED CONDUIT SHALL BE COUPLED TO THE EXISTING CONDUIT. THIS WORK SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE CONDUIT PAY ITEMS.
- ALL VIDEO CAMERAS MOUNTED ON MAST ARMS SHALL BE EQUIPPED WITH A BRACKET THAT PROVIDES AN ADDITIONAL FOUR FEET OF VERTICAL HEIGHT. THE COST OF FURNISHING AND INSTALLING THESE BRACKETS SHALL BE INCLUDED IN THE BID PRICE FOR THE VIDEO DETECTION SYSTEM.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC, RANDY LANINGA, AT (309) 671-4477 TO OBTAIN APPROVAL FOR ALL MAST ARM AND TRAFFIC SIGNAL POST FOUNDATION LOCATIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE LIABLE FOR ALL COSTS REQUIRED TO REMOVE OR RELOCATE FACILITIES THAT WERE CONSTRUCTED WITHOUT OBTAINING LOCATION APPROVAL.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC, RANDY LANINGA, AT (309) 671-4477 TO OBTAIN APPROVAL FOR ALL CAMERA LOCATIONS PRIOR TO INSTALLATION. THE CONTRACTOR SHALL BE LIABLE FOR ALL COSTS REQUIRED TO REMOVE OR RELOCATE CAMERAS THAT WERE INSTALLED WITHOUT OBTAINING APPROVAL.

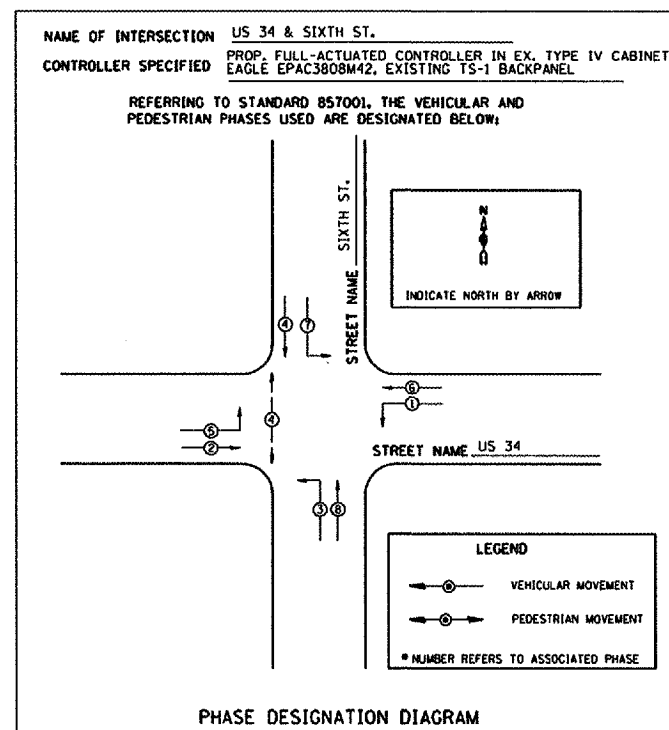
CONSTRUCTION STAGING NOTES

ALL TRAFFIC SIGNAL WORK MUST BE COMPLETED BEFORE THE INTERSECTION IMPROVEMENTS CAN COMMENCE. IF THE CONTRACTOR ELECTS ALTERNATE STAGING, ALL COSTS ASSOCIATED WITH THE STAGING CHANGE, INCLUDING BUT NOT LIMITED TO TRAFFIC SIGNAL MODIFICATIONS, TEMPORARY CABLE, AND TEMPORARY TRAFFIC SIGNALS, WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

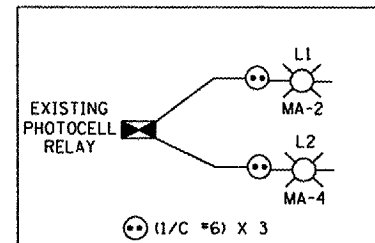


CABLE NOTES

- THE QUANTITY AND TYPE OF VIDEO DETECTION CABLE REQUIRED VARIES BY MANUFACTURER. THE COST OF THE CABLE SHALL BE INCLUDED IN THE BID PRICE FOR THE VIDEO DETECTION SYSTEM.
- OVERHEAD LIGHTING ELECTRIC CABLE IN CONDUIT SHALL BE 2-1/2\"/>



LIGHTING CIRCUIT DIAGRAM



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED TRAFFIC SIGNAL NOTES,
 DIAGRAMS AND DETAILS
 US 34 & SIXTH ST.
 MONMOUTH WARREN COUNTY

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____