

CONSTRUCTION NOTES

1. ALL TRAFFIC SIGNALS AND PEDESTRIAN SECTIONS SHALL HAVE 300MM (12") SINGLE LED LENSES.
2. 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.
3. THE PROPOSED MAST ARM MOUNTED TRAFFIC SIGNAL HEADS SHALL BE MOUNTED DIRECTLY OVER THE CENTER OF THEIR RESPECTIVE LANES.
4. ALL TRAFFIC SIGNAL HEAD BRACKETS ARE TO BE ALUMINUM WITH A NATURAL FINISH.
5. ALL TRAFFIC SIGNAL POSTS ARE TO BE GALVANIZED STEEL.
6. PROPOSED HANDHOLES SHALL BE CAST IN PLACE CONCRETE HANDHOLES.
7. 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.
8. THE LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY TRAFFIC SIGNAL COMPONENTS.
9. COILABLE POLYETHYLENE DUCT MAY BE SUBSTITUTED FOR PVC PUSHED OR TRENCHED.
10. 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.
11. 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.
12. ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATION.
13. THE EXISTING TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING THE CONSTRUCTION OF THE TEMPORARY AND/OR PROPOSED TRAFFIC SIGNALS.
14. ANY MAINTENANCE OF EXISTING TRAFFIC SIGNALS SHALL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
15. 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.
16. 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.
17. 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.
18. 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.
19. 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.
20. 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.

THE CONTRACTOR SHALL INSTALL A NYLON PULL ROPE WITH A DETECTABLE METALLIC CONDUCTOR IN ALL CONDUITS THAT DO NOT CONTAIN CABLES. THE COST OF THE DETECTABLE PULL ROPE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR CONDUIT.

IL 40 (KNOXVILLE) & ALTA RD.

EXISTING TRAFFIC SIGNAL AND REMOVAL NOTES

1. THE REMOVAL ITEMS ARE AS INDICATED ON THE PLANS. THE CONTRACTOR SHALL VERIFY ALL REMOVAL ITEMS PRIOR TO BIDDING.
2. THE EXISTING TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING THE CONSTRUCTION OF THE TEMPORARY TRAFFIC SIGNALS.
3. ANY MAINTENANCE OF THE EXISTING SIGNALS SHALL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
4. FULL DEPTH SAW CUTS SHALL BE REQUIRED AT ALL REMOVAL LIMITS. IF THE CONTRACTOR REMOVES OR DAMAGES THE EXISTING SIDEWALK OR BITUMINOUS SURFACE OUTSIDE THE REMOVAL LIMITS DESIGNATED BY THE ENGINEER, THE CONTRACTOR SHALL REMOVE AND/OR REPLACE THAT PORTION AT THE CONTRACTOR'S EXPENSE.
5. THE EXISTING HANDHOLES SHALL BE REMOVED. THIS WORK WILL BE PAID FOR AS "REMOVE EXISTING HANDHOLE".

REMOVE EXISTING CONCRETE FOUNDATIONS - QTY. 5 EA.
 QTY. LOCATIONS
 1.0 EA. ALL 4 STRAIN POLE FOUNDATIONS, CONTROLLER

REMOVE EXISTING HANDHOLE - QTY. 1 EA.
 QTY. LOCATIONS
 1.0 EA. HHI

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT - QTY. 1 EACH (INCLUDES ALL ITEMS LISTED BELOW)

THE FOLLOWING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED AND DELIVERED BY THE CONTRACTOR TO THE CITY OF PEORIA TRAFFIC FACILITY, 3505 DRIES LN., PEORIA, IL. PLEASE CONTACT CRAIG ESPINOSA AT (309) 678-8439 FORTY-EIGHT HOURS IN ADVANCE OF DELIVERY.

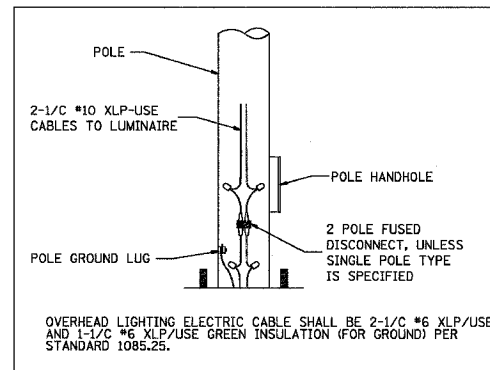
QTY. ITEM

4.0	STEEL STRAIN POLES
1.0	SIGNAL HEAD, 1-FACE, 4-SECTION WITH BACKPLATE, SPAN WIRE MOUNTED
6.0	SIGNAL HEAD, 1-FACE, 3-SECTION WITH BACKPLATE, SPAN WIRE MOUNTED
1.0	SIGNAL HEAD, 1-FACE, 3-SECTION, BRACKET MOUNTED
1.0	SIGNAL HEAD, 1-FACE, 5-SECTION, BRACKET MOUNTED
1.0	CONTROLLER CABINET AND CONTENTS

THE FOLLOWING ITEMS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF OF THE RIGHT-OF-WAY. THE SALVAGE VALUE OF THIS EQUIPMENT SHALL BE REFLECTED IN THE UNIT BID PRICE FOR REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

QTY. ITEM

1.0	SERVICE INSTALLATION
ALL	ELECTRIC CABLE (IN CONDUIT OR AERIAL)
ALL	SPAN WIRE, TETHER WIRE



CABLE NOTES

1. 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.
2. OVERHEAD LIGHTING ELECTRIC CABLE IN CONDUIT SHALL BE 2-1/2\"/>

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(Y)W-1, RS-2	PEORIA	142	94
STA.		TO STA.		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				
CONT. #88548				

TS-1

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TRAFFIC SIGNAL CONSTRUCTION, CABLE, EXISTING AND REMOVAL NOTES

SCALE: VERT. HORIZ.
DATE DATE DRAWN BY CHECKED BY