

F. A. S. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	117-2-1-3,TS-2	PEORIA	48	32
STA.	221+00	TO STA.	301+30	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONSTRUCTION NOTES
1. ANY MAINTENANCE OF EXISTING TRAFFIC SIGNALS SHALL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
2. THE LOCATION OF ALL UTILITIES AND PRIVATELY OWNED FACILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF ANY COMPONENTS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES AT HIS/HER OWN EXPENSE IF REQUIRED, PRIOR TO PERFORMING ANY WORK THE CONTRACTOR SHALL ALSO BE LIABLE FOR ANY DAMAGE TO IDOT FACILITIES RESULTING FROM INACCURATE LOCATING.
4. ELECTRICAL WORK SHALL CONFORM WITH NATIONAL, STATE, AND LOCAL CODES.
5. ALL TRAFFIC SIGNAL STRUCTURES (MAST ARMS, POSTS, HANDHOLES, CONTROLLER CABINETS, ETC.) SHALL BE BONDED IN ACCORDANCE WITH NEC REQUIREMENTS. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "BOND TRAFFIC SIGNAL STRUCTURE" AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS (INCLUDING CLAMPS, HARDWARE, ELECTRICAL CABLE, AND ALL OTHER ITEMS REQUIRED TO BOND THE STRUCTURES).
6. A FIVE FOOT PIECE OF GREEN INSULATED #6 1/C XLP-USE CABLE SHALL BE USED TO CONNECT THE HANDHOLE LID TO THE FRAME. THE COST OF THIS WIRE SHALL BE INCLUDED IN THE BID PRICE FOR "BOND TRAFFIC SIGNAL STRUCTURE".
7. ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" SINGLE LED LENSES.
8. ALL TRAFFIC SIGNAL HEAD BRACKETS ARE TO BE ALUMINUM WITH A NATURAL FINISH.
9. THE CONTRACTOR SHALL PROVIDE ELECTRICAL CABLE SLACK IN ACCORDANCE WITH ARTICLE 873.03.
10. ELECTRICAL CABLE WILL BE MEASURED FOR PAYMENT IN ACCORDANCE WITH ARTICLE 873.04.

CONTROLLER CABINET INSTALLATION - CONSTRUCTION NOTES
1. THE CONTRACTOR SHALL REMOVE THE EXISTING TRAFFIC SIGNAL CABINETS AND DELIVER THE CABINETS AND THEIR CONTENTS TO THE CITY OF PEORIA TRAFFIC OPERATIONS FACILITY LOCATED AT 3505 N. DRIES LANE IN PEORIA. THE CONTRACTOR SHALL NOTIFY MR. TOM O'NEILL, AT (309) 494-8886, FORTY-EIGHT HOURS IN ADVANCE OF EQUIPMENT DELIVERY.
2. THE CONTRACTOR SHALL REMOVE THE EXISTING BATTERY BACKUP UNIT AND LIGHTING CONTROLLERS FROM THE EXISTING CABINETS AND INSTALL THEM ON AND INTEGRATE THEM INTO THE PROPOSED CONTROLLER CABINETS.
3. THE CONTRACTOR SHALL SCHEDULE THE REPLACEMENT OF THE TRAFFIC SIGNAL CABINET AT THE INTERSECTION OF US 150 & UNIVERSITY ONLY DURING THE HOURS OF 6:00 AM TO 12:00 PM SUNDAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INCLUDING THE ADDITIONAL COST OF PREMIUM TIME IN THE BID PRICE FOR THIS ITEM.
4. THE CONTRACTOR WILL BE ALLOWED TO PLACE THE INTERSECTIONS INTO ALL-RED FLASH MODE AND ALL WAY STOP CONTROL ONLY DURING THE HOURS SPECIFIED ABOVE TO FACILITATE THE INSTALLATION OF THE PROPOSED TRAFFIC SIGNAL CONTROLLER CABINETS.
5. THE CONTRACTOR SHALL FURNISH AND INSTALL A MINIMUM OF TWO STOP SIGNS PER APPROACH WHEN THE INTERSECTION IS OPERATING IN ALL-RED FLASH MODE AND/OR ALL WAY STOP CONTROL.
6. THE CONTRACTOR SHALL GROUND AND SAFETY-BOND THE CONTROLLER CABINET IN ACCORDANCE WITH NEC REQUIREMENTS.
7. ALL COSTS (LABOR, MATERIALS, AND EQUIPMENT) ASSOCIATED WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE TRAFFIC SIGNAL CABINET. THERE WILL BE NO ADDITIONAL COMPENSATION FOR THIS WORK.

DETECTOR LOOP INSTALLATION - CONSTRUCTION NOTES
1. DETECTOR LOOP REPLACEMENT QUANTITIES ARE ESTIMATED. THE CONTRACTOR SHALL ONLY REPLACE THE DETECTOR LOOPS THAT ARE DAMAGED BY THE MILLING PROCESS.
2. A TYPE II SPLICE SHALL BE USED FOR ALL DETECTOR LEAD-INS.
3. ALL DETECTOR LOOPS SHALL BE PLACED BACK INTO THEIR ORIGINAL LOCATIONS.
4. THE PROPOSED DETECTOR LOOPS SHALL BE CUT IN THE MILLED SURFACE OR LEVELING BINDER COURSE BEFORE THE FINAL OVERLAY.
5. ALL LOOP RISERS AFFECTED BY THE MILLING OPERATIONS SHALL BE REFLECTED THROUGH THE NEW SURFACE AND ALL LOOP RISERS SHALL BE CHIPPED OUT AND FILLED WITH EPOXY.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES AT HIS/HER OWN EXPENSE IF REQUIRED, PRIOR TO PERFORMING ANY WORK THE CONTRACTOR SHALL ALSO BE LIABLE FOR ANY DAMAGE TO IDOT FACILITIES RESULTING FROM INACCURATE LOCATING.
7. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC, RANDY LANINGA, AT (309) 671-4477 FORTY-EIGHT HOURS PRIOR TO BEGINNING MILLING OR PATCHING OPERATIONS.
8. THESE ITEMS SHALL BE INCLUDED IN THE BID PRICE FOR DETECTOR LOOP, TYPE I PAY ITEM. THERE WILL BE NO ADDITIONAL COMPENSATION.

TRAFFIC SIGNAL - SCHEDULE OF QUANTITIES						
ITEM DESCRIPTION	UNIT	TOTAL QTY.	US 150 & BRANDYWINE/MEADOWBROOK	US 150 & UNIVERSITY	US 150 & SHERIDAN	US 150 & KNOXVILLE
FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1.0		1.0		
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	507.0		507.0		
PEDESTRIAN PUSH-BUTTON	EACH	18.0	2.0	8.0	8.0	
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2.0		2.0		
DETECTOR LOOP, TYPE I	FOOT	1497.0	1260.0			237.0
VIDEO VEHICLE DETECTION, 4 CAMERAS	EACH	1.0		1.0		
BOND TRAFFIC SIGNAL STRUCTURE	EACH	32.0	8.0	10.0	14.0	
ELECTRIC CABLE IN CONDUIT, 1/C, NO. 6 GROUNDING	FOOT	177.5	19.0	51.0	107.5	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL
CONSTRUCTION NOTES
AND SCHEDULE OF QUANTITIES

NOT TO SCALE
DATE **DATE**

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