

CONTROLLER CABINET MODIFICATION - CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL SCHEDULE THE MODIFICATIONS OF THE THE EXISTING CONTROLLER CABINETS ONLY DURING THE HOURS OF 8:00 AM TO 3:30 PM MONDAY THROUGH FRIDAY.
2. THE CONTRACTOR WILL BE ALLOWED TO PLACE THE INTERSECTION INTO ALL-RED FLASH MODE AND ALL-WAY STOP CONTROL ONLY DURING THE HOURS SPECIFIED ABOVE TO PERFORM MODIFICATIONS TO THE EXISTING CONTROLLER CABINETS.
4. THE CONTRACTOR SHALL FURNISH AND INSTALL A MINIMUM OF TWO STOP SIGNS PER APPROACH WHEN THE INTERSECTION IS OPERATING IN ALL-RED FLASH MODE OR ALL-WAY STOP CONTROL. THE STOP SIGNS SHALL BE DISPLAYED IN ACCORDANCE WITH ALL APPLICABLE MUTCD REQUIREMENTS.
6. ALL COSTS (LABOR, MATERIALS, AND EQUIPMENT) ASSOCIATED WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR THE MODIFY EXISTING CONTROLLER CABINET PAY ITEM. THERE WILL BE NO ADDITIONAL COMPENSATION FOR THIS WORK.

CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL REMOVE THE EXISTING TRAFFIC SIGNAL COMPONENTS (HEADS, HEAD SECTIONS, LED MODULES, CONTROLLERS, CMU, ETC.) AND DELIVER THEM TO THE CITY OF GALESBURG FACILITY LOCATED AT 200 SOUTH HENDERSON STREET, GALESBURG. THE CONTRACTOR SHALL NOTIFY BILL CAMPER, AT (309) 299-0534 FORTY-EIGHT HOURS IN ADVANCE OF EQUIPMENT DELIVERY.
2. THE CONTRACTOR SHALL REMOVE THE EXISTING MAST ARMS AND DELIVER THEM TO THE IDOT WAREHOUSE LOCATED AT 6504 WEST US ROUTE 150, EDWARDS. THE CONTRACTOR SHALL NOTIFY PAUL GRANT, AT (309) 671-4474 FORTY-EIGHT HOURS IN ADVANCE OF EQUIPMENT DELIVERY.
3. ANY MAINTENANCE OF EXISTING TRAFFIC SIGNALS WILL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
4. THE LOCATION OF ALL UTILITIES AND PRIVATELY OWNED FACILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF ANY COMPONENTS.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES AT HIS/HER OWN EXPENSE IF REQUIRED. THE CONTRACTOR SHALL ALSO BE LIABLE FOR ANY DAMAGE TO IDOT FACILITIES RESULTING FROM INACCURATE LOCATING.
6. ELECTRICAL WORK SHALL CONFORM WITH NATIONAL, STATE, AND LOCAL CODES.
7. ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" SINGLE LED LENSES.
8. THE RED SECTIONS OF THE SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER AND MAINTAIN A 16 FT. MINIMUM CLEARANCE FROM THE HIGHEST POINT OF THE ROADWAY.
9. ALL TRAFFIC SIGNAL HEAD BRACKETS ARE TO BE ALUMINUM WITH A NATURAL FINISH.
10. THE EXISTING TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING THE CONSTRUCTION OF THE PROPOSED TRAFFIC SIGNALS.
11. THE CONTRACTOR SHALL PROVIDE ELECTRICAL CABLE SLACK IN ACCORDANCE WITH ARTICLE 873.03.
12. ELECTRICAL CABLE WILL BE MEASURED FOR PAYMENT IN ACCORDANCE WITH ARTICLE 873.04.
13. ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
14. REMOVAL OF EXISTING TRAFFIC SIGNAL ITEMS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICES FOR THE PROPOSED ITEMS UNLESS SPECIFIED OTHERWISE.
15. THE CONTRACTOR SHALL INSTALL A 1" DIAMETER DETECTOR LOOP RISER INTO THE PROPOSED REBUILT HANDHOLE FOR THE DETECTOR LOOP. THIS WORK SHALL BE INCLUDED IN THE BID PRICE FOR DETECTOR LOOP TYPE I.
16. A TYPE II SPLICE SHALL BE USED FOR ALL DETECTOR LEAD-INS.
17. ALL DETECTOR LOOPS SHALL BE INSTALLED IN THE CENTER OF THEIR RESPECTIVE TRAVEL LANES.

TRAFFIC SIGNALS - BILL OF MATERIALS

ITEM DESCRIPTION	UNIT	TOTAL QTY.
SIGN PANEL - TYPE 1	SQ FT	160.0
UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	28.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	8441.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1537.0
STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1.0
STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1.0
STEEL MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	1.0
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	41.0
DRILL EXISTING HANDHOLE	EACH	3.0
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	5.0
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	10.0
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	5.0
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	3.0
TRAFFIC SIGNAL BACKPLATE, LOUVERED, PLASTIC	EACH	19.0
DETECTOR LOOP, TYPE I	FOOT	175.0
REBUILD EXISTING SIGNAL HEAD, LED	EACH	56.0
MODIFY EXISTING CONTROLLER CABINET	EACH	10.0
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1.0
REBUILD EXISTING HANDHOLE TO HEAVY-DUTY HANDHOLE	EACH	1.0
SPARE FULL ACTUATED CONTROLLER, SPECIAL	EACH	1.0

FILE NAME =	USER NAME = rudzinski.jl	DESIGNED -	REVISED -
68A98 - Galesburg FYA Final (Revised 3-2-12) (2).dgn		DRAWN -	REVISED -
	PLOT SCALE = 25.314' / 1" =	CHECKED -	REVISED -
	PLOT DATE = 5/24/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNAL SCHEDULE OF QUANTITIES AND CONSTRUCTION NOTES

SCALE: TRAFFIC SIGNALS SHEET 1 OF 3 STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FLASHING YELLOW ARROWS 2012	KNOX	29	17
			CONTRACT NO. 68A98	
ILLINOIS FED. AID PROJECT				