

COMMITMENTS: THERE ARE NO COMMITMENTS FOR THIS PROJECT.

| HIGHWAY STANDARDS | |
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| STANDARD | APPLICATION |
| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS |
| 001006 | DECIMAL OF AN INCH AND OF A FOOT |
| 701001-02 | OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 4.5 M (15') AWAY |
| 701006-05 | OFF-ROAD OPERATIONS, 2L, 2W, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE |
| 701101-04 | OFF-ROAD OPERATIONS, MULTILANE, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE |
| 701106-02 | OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 4.5 (15') AWAY |
| 701426-06 | LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS ≤ 40 MPH |
| 701427-02 | LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS ≥ 45 MPH |
| 701601-09 | URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NON TRAVERSABLE MEDIAN |
| 701602-07 | URBAN LANE CLOSURE, MULTILANE, 2 WAY WITH BI-DIRECTIONAL LEFT TURN LANE |
| 701701-09 | URBAN LANE CLOSURE, MULTILANE INTERSECTION |
| 701901-03 | TRAFFIC CONTROL DEVICES |
| 814001-02 | HANDHOLES |
| 857001-01 | STANDARD PHASE DESIGNATIONS DIAGRAMS AND PHASE SEQUENCES |
| 880006-01 | TRAFFIC SIGNAL MOUNTING DETAILS - POST AND BRACKET MOUNTED |
| 886001-01 | DETECTOR LOOP INSTALLATIONS |
| 886006-01 | TYPICAL LAYOUTS FOR DETECTOR LOOPS |

FYA CONTROLLER CABINET MODIFICATION NOTES

1. THE CONTRACTOR SHALL REMOVE THE EXISTING CONTROLLER CABINET TRAFFIC SIGNAL COMPONENTS (CONTROLLERS, CMU, ETC.) AND DELIVER THEM TO THE IDOT TRAFFIC BUILDING, 1025 W. DETWEILLER DR., PEORIA. THE CONTRACTOR SHALL NOTIFY PAUL GRANT, AT (309) 671-4474 FORTY-EIGHT HOURS IN ADVANCE OF EQUIPMENT DELIVERY.
2. THE CONTRACTOR SHALL SCHEDULE THE MODIFICATIONS OF THE THE EXISTING CONTROLLER CABINETS ONLY DURING THE HOURS OF 8:30 AM TO 3:30 PM MONDAY THROUGH FRIDAY.
3. 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 FACILITATE THE INSTALLATION OF THE PROPOSED TRAFFIC SIGNAL HEADS AND 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. STOP SIGNS SHALL BE DISPLAYED IN ACCORDANCE WITH MUTCD REQUIREMENTS.
5. 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. ANY MAINTENANCE OF EXISTING TRAFFIC SIGNALS WILL 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. 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 SECTIONS SHALL HAVE 12" SINGLE LED LENSES.
6. 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.
7. ALL TRAFFIC SIGNAL HEAD BRACKETS ARE TO BE ALUMINUM WITH A NATURAL FINISH.
8. THE EXISTING TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING THE CONSTRUCTION OF THE PROPOSED TRAFFIC SIGNALS.
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.
11. ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
12. REMOVAL OF EXISTING TRAFFIC SIGNAL AND PEDESTRIAN HEADS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICES FOR THE PROPOSED ITEMS.
13. ALL LED MODULES AND BATTERIES SHALL BE RECYCLED AT A CERTIFIED RECYCLING FACILITY. ALL COSTS, INCLUDING RECYCLING AND SHIPPING CHARGES, SHALL BE INCLUDED IN THE PAY ITEMS FOR EACH ITEM. THE CONTRACTOR SHALL SUBMIT SUPPORTING DOCUMENTATION FOR ALL RECYCLING ACTIVITIES.
14. ALL POST TOP MOUNTED TRAFFIC SIGNALS SHALL BE EQUIPPED WITH STIFFENING PLATES.
15. THE CONTRACTOR MAY ELECT TO CHANGE LED MODULES DURING NON-PEAK HOURS AND WEEKENDS, HOWEVER, ALL COSTS ASSOCIATED WITH WORKING DURING THESE TIME PERIODS SHALL BE INCLUDED IN THE BID PRICE FOR THE LED MODULE PAY ITEMS. THERE WILL BE NO ADDITIONAL COMPENSATION FOR SHIFT DIFFERENTIALS AND PREMIUM TIME HOURS.
16. ALL DETECTOR LOOPS SHALL BE INSTALLED IN THE CENTER OF THEIR RESPECTIVE TRAVEL LANES. THE CONTRACTOR SHALL NOTIFY RANDY LANINGA AT (309) 671-4477 TO OBTAIN VERIFICATION OF DETECTOR LOOP LAYOUT PRIOR TO INSTALLATION.
17. THE COST OF DRILLING MEDIANS AND CURBS SHALL BE INCLUDED IN THE UNIT BID PRICE FOR DETECTOR LOOP, TYPE I.
18. THE PROPOSED DETECTOR LOOPS SHALL BE INSTALLED AND FULLY OPERATIONAL PRIOR TO THE REMOVAL OF THE VIDEO DETECTION SYSTEM.
19. THE #18 3-PAIR TWISTED/SHIELDED CABLE SHALL HAVE THE SAME SLACK AS OTHER SIGNAL CABLE AND WILL BE MEASURED FOR PAYMENT.
20. ALL DETECTOR LOOPS SHALL UTILIZE A SEPARATE PAIR OF LEAD-INS AND A TYPE II SPLICE SHALL BE USED FOR ALL DETECTOR LEAD-INS.
21. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FT. MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
22. 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.