

5/6/2008 5:07:02 PM

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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
F.A.P. 351	2008-001VB	COOK	579	194
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 60E10

**WORK BY METRA AND CN BEFORE START OF CONTRACT
(NO WORK BY CONTRACTOR - FOR REFERENCE ONLY)**

1. SHIFT GATEWAY LEAD TRACK TO PROVIDE ADEQUATE CLEARANCE TO DEAD END STRUCTURE (CN)
2. SHIFT AERIAL FIBER OPTIC CABLE Laterally, leaving on poles, to allow room for construction of catenary support structures (METRA)
3. INSTALL BURIED SIGNAL CABLE ALONG EAST SIDE OF TRACK 1 FROM EXIST. SIGNAL CASE JUST SOUTH OF CAT. STR. 20.39 TO EXIST. SIGNAL CASE JUST NORTH OF CAT. STR. 20.99 REROUTED TO ALLOW CONSTRUCTION OF FOUNDATIONS FOR NEW CATENARY SUPPORT STRUCTURES (METRA)

SUGGESTED PRE-STAGE TRACK CONSTRUCTION SEQUENCE

1. FURNISH & INSTALL JUNCTION BOXES AT CAT. STR. 20.51 & CAT. STR. 20.97. FOR TEMPORARY REROUTING OF EXISTING OVERHEAD 2400V & 4160V AC POWER LINES (CONTRACTOR)
2. FURNISH & INSTALL CONDUITS & CABLES FOR TEMPORARY RE-ROUTING OF 2400V & 4160V AC POWER LINES UNDERGROUND BETWEEN JUNCTION BOXES AT STR. 20.51 TO 20.97 ALONG EAST EDGE OF EXISTING METRA TRACK #1, PROVIDING GROUND MOUNTED HAND HOLES AT STA. 196+50 AND STA 1+25 FOR LATER RE-ROUTING ALONG DIVERSION OF METRA TRACKS BEFORE REMOVAL OF BRIDGE OVER 159TH ST (CONTRACTOR)
3. FURNISH & INSTALL SERVICE DROPS DOWN POLES TO JUNCTION BOXES AT CAT. STR. 20.51 AND CAT. STR. 20.97 FOR TEMPORARY RE-ROUTING OF AC POWER (METRA)
4. PROVIDE TEMPORARY DEAD END GUYS FOR CATENARY STRUCTURES 20.51 AND 20.97 FOR TEMPORARILY TERMINATING EXISTING OVERHEAD AC DISTRIBUTION POWER LINES AND FIBER OPTIC CABLE (METRA)
5. CUTOVER TO TEMPORARY UNDERGROUND SYSTEM EXISTING OVERHEAD AC 2400V & 4160V POWER BETWEEN CAT. STR. 20.51 AND CAT. STR. 20.97 (METRA)
6. REMOVE AERIAL AC 2400V & 4160V LINES BETWEEN CAT. STR. 20.51 & CAT. STR. 20.97 (METRA)
7. CONSTRUCT CATENARY SUPPORT STRUCTURES #2, #3, #3A, #9A, #10 & #11 BETWEEN METRA TRACKS #1 & #2 AND STRUCTURES #5, #6, #7 EAST OF CN TRACK #2 (SEE CATENARY STRUCTURE PLANS) (CONTRACTOR)
8. CONSTRUCT CATENARY DEAD END STRUCTURE AT STA. 215+71.00 SPANNING OVER METRA TRACKS #1 & #2 AND CN TRACKS #1, #2, #3 & #4 (SEE CATENARY STRUCTURE PLANS) (CONTRACTOR)
9. CONSTRUCT CATENARY BRIDGE STRUCTURE #1 (STA. 192+99.00) CONSISTING OF STRUCTURE SPANNING OVER METRA TRACKS #1 & #2 AND CN TRACKS #1, #2, #3 & #4 FOR CATENARY DEAD-END, CATENARY SUPPORT, & METRA & CN SIGNAL SUPPORT (SEE CATENARY STRUCTURE PLANS) (CONTRACT)
10. PERFORM OTHER ELECTRICAL & SIGNAL CASE WORK TO ENABLE PLACING METRA & CN SIGNALS ON NEW CATENARY BRIDGE #1 (METRA & CN) (SEE SIGNAL PLANS FOR METRA WORK)
11. INSTALL AC SERVICE DROP & AC TRANSFORMER AT EXISTING CATENARY STRUCTURE 20.51 FOR POWER TO METRA SIGNAL EQUIPMENT (METRA)
12. REGRADE CATENARY SYSTEM BETWEEN EXISTING CATENARY POLES 20.51 AND 20.68 USING NEW CATENARY STRUCTURES #1, #2, & #3A AND REMOVING FROM EXISTING SIGNAL BRIDGE 20.56 AND CATENARY POLE 20.62 (METRA)
13. INSTALL NEW METRA TRACK #2 SIGNALS ON NEW CATENARY BRIDGE STRUCTURE #1 TO REPLACE THOSE ON EXISTING SIGNAL BRIDGE 20.56 (METRA)
14. INSTALL NEW CN TRACKS #1, #2, & #3 SIGNALS ON NEW CATENARY BRIDGE STRUCTURE #1 TO REPLACE THOSE ON EXISTING SIGNAL BRIDGE 20.56 (METRA)
15. MOVE EXISTING INSULATED JOINTS AND IMPEDANCE BONDS FROM EXISTING LOCATION AT BRIDGE 20.56 TO NEW CATENARY STRUCTURE #1, PLACE NEW METRA & CN SIGNALS IN SERVICE AND REMOVE SIGNALS FROM EXISTING SIGNAL BRIDGE 20.56 (METRA)
16. REMOVE EXISTING SIGNAL BRIDGE 20.56 (CONTRACTOR)
17. REGRADE CATENARY SYSTEM BETWEEN EXISTING CATENARY POLES 20.84 AND 20.95 USING NEW CATENARY SUPPORT STRUCTURES #9A & #11 AND REMOVING FROM CATENARY POLE 20.90 (METRA)
18. REMOVE EXISTING CATENARY POLES 20.62 & 20.90 (CONTRACTOR)

NOTE:
DURATIONS NOTED ABOVE FOR WORK PERFORMED BY METRA AND THE CN ARE APPROXIMATE ONLY AND SUBJECT TO WEATHER CONDITIONS, AVAILABILITY OF RAILROAD STAFF, AND NUMEROUS OTHER FACTORS. THE CONTRACTOR SHALL CLOSELY COORDINATE HIS WORK AND PLANNED SCHEDULE WITH THE RAILROADS CONCERNING WORK TO BE PERFORMED BY THE RAILROADS. NO ADDITIONAL TIME WILL BE ALLOWED IN THE CONTRACTOR'S SCHEDULE FOR MEETING OF THE INTERIM COMPLETION DATES SPECIFIED FOR THIS PROJECT DUE TO VARIATIONS IN THESE APPROXIMATE DURATIONS.

NOTES:

1. NO TRACK-SPECIFIC CONTRACTOR PAY ITEMS ASSOCIATED WITH THIS STAGE.
2. FOR DETAILS AND PAY ITEMS ASSOCIATED WITH CONSTRUCTION OF CATENARY SUPPORT AND CATENARY DEAD END STRUCTURES SEE CATENARY STRUCTURES SHEETS.
3. FOR DETAILS AND PAY ITEMS ASSOCIATED WITH CONSTRUCTION AND INSTALLATION OF CONDUITS AND CABLES FOR RE-ROUTING OF METRA AC POWER AND FIBER OPTIC SCADA/COMMUNICATION SYSTEM, SEE METRA UTILITIES SHEETS.
4. FOR DETAILS AND PAY ITEMS ASSOCIATED WITH CONSTRUCTION AND INSTALLATION OF METRA SIGNAL SYSTEM, SEE METRA SIGNALS SHEETS.

REVISIONS	
NAME	DATE
REZ	10/19/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
US RTE 6 FROM I-294 TO IL RTE 1
METRA & CN OVER 159TH STREET

TRACK CONSTRUCTION
PRE-STAGE TASKS AND SEQUENCING

SHT. 20 OF 88
DATE 2/21/2008

DRAWN BY REZ
CHECKED BY RMS