

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
F.A.P. 351	2008-001VB	COOK	579	212
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 60E10

SUGGESTED STAGE 6 TRACK CONSTRUCTION SEQUENCE

1. BEGIN MOVING METRA TRACKS #1 & #2 BACK (NEED TO WAIT FOR END OF COLD-WEATHER SEASON - ASSUME MID-MARCH TO EARLY APRIL)
2. CONSTRUCT NEW RAILROAD TRACK FOR PERMANENT CN GATEWAY LEAD TRACK ACROSS SN 016-2819 (CONTRACTOR) CONSTRUCT NEW RAILROAD TRACK & INSTALL NO. 10 TURNOUTS FOR PERMANENT CN THOROUGHFARE ACROSS SN 016-2822. (CN)
3. CUT AND THROW TEMP. CN GATEWAY LEAD TRACK BACK TO ORIGINAL ALIGNMENT (STA. 691+59.19 AND STA. 704+30.00, REPLACE NO. 10 TURNOUT TO ORIGINAL LOCATION) AND PLACE TRACK IN SERVICE. CUT AND THROW TEMP. CN THOROUGHFARE BACK TO ORIGINAL ALIGNMENT (STA. 795+70.16, STA. 801+58.54 AND STA. 808+25.75, REPLACE NO. 10 TURNOUT TO ORIGINAL LOCATION FOR LEAD TRACK STA. 1306+44.04) AND PLACE TRACK IN SERVICE. (CN)
4. REMOVE RAILROAD TRACK FROM TEMPORARY DIVERSION OF CN GATEWAY LEAD TRACK (CONTRACTOR).
5. REMOVE RAILROAD TRACK FROM TEMPORARY DIVERSION OF CN THOROUGHFARE MAIN TRACK (CONTRACTOR) RELOCATE TEMPORARY NO. 10 TURNOUT TO ORIGINAL LOCATION, STA. 1306+44.04. REMOVE NO. 15 TURNOUT, STA. 803+81.09 (CN).
6. CONSTRUCT NEW TRACK FOR PERMANENT METRA TRACK #1 & #2 ACROSS SN 016-2755 (627' OF METRA TRACK #1 FROM STA. 898+41.50 TO STA. 904+68.04, 963' OF METRA TRACK #2 FROM STA. 1698+81.85 TO STA 1708+44.46 (METRA - APPROXIMATELY 4 DAYS).
7. INSTALL TURNOUTS FOR PERMANENT METRA TRACK #1 CATENARY CONSTRUCTION AND PROVIDE RUNOFF FOR 200 FEET NORTH AND SOUTH OF BRIDGE FOR 12" RAISE IN TOP OF RAIL AT BRIDGE (BEFORE DC WIRE IS REPLACED). RE-ALIGN RUN-AROUND TRACK #1 FROM 55 MPH ALIGNMENTS TO TURNOUT ALIGNMENT (472' @ NORTH END AND 460' @ SOUTH END). TAKE OUT 165' PANELS, INSTALL TURNOUT PANELS, SURFACE AND CONNECT TO EXISTING TRACK #1 (2 CONSECUTIVE SUNDAYS) (METRA)
8. INSTALL ELECTRIC LOCK ON METRA TRACK #1 WITH RUN-AROUND NORMAL & INSULATED JOINTS ON MAINLINE (CONCURRENT WITH PREVIOUS STEP) (METRA)
9. INSTALL FIBER OPTIC CABLE ON NEW CATENARY STRUCTURES (1 DAY). CUT OVER FIBER OPTIC CABLE (1 DAY). FIBER MUST BE CUT OVER ON A SATURDAY. (METRA)
10. FURNISH & INSTALL JUNCTION BOXES AT CAT. STR. #2 FOR PERMANENT REROUTING OF 2400V & 4160V AC POWER LINES UNDERGROUND AROUND SIGNAL SUPPORT STRUCTURE
11. INSTALL SERVICE DROPS TO JUNCTION BOXES AT CAT. STRUCTURE 20.51 and NEW CATENARY STRUCTURE #2 FOR PERMANENT UNDERGROUND RE-ROUTING OF AC 2400V & 4160V LINES AROUND NEW OVERHEAD BRIDGE STRUCTURE 20.56 (CONTRACTOR)
12. PROVIDE PERMANENT DEAD END GUYS FOR NEW CATENARY #2 FOR PERMANENT UNDERGROUND RELOCATION OF AC 2400V & 4160V LINES AROUND SUPPORT STRUCTURE (METRA)
13. INSTALL OVERHEAD AC 2400V & 4160V LINES ON NEW CATENARY STRUCTURES BETWEEN CAT. STR. #2 & CAT. STR. 20.97 (APPROXIMATELY 12 DAYS). (METRA)
14. INSTALL UNDERGROUND AC 2400V & 4160V LINES BETWEEN CAT. STR. #1 AND CAT. STR. #2 (CONCURRENT WITH PREVIOUS STEP) (METRA)
15. CUT OVER AC POWER BETWEEN CAT. STR. 20.51 & CAT. STR. 20.97 (METRA).
16. REMOVE OR PLUG BURIED CONDUIT & HANDHOLES FOR TEMPORARY RE-ROUTING OF AC AND FIBER OPTIC LINES - CAN BE DONE CONCURRENT WITH FOLLOWING STEP (CONTRACTOR).
17. CONSTRUCT PERMANENT CATENARY SERVICE FOR METRA TRACK #1 (APPROXIMATELY 2 WEEKS STRAIGHT TIME) & PLACE IN SERVICE (CUT OVER DC ON ONE SUNDAY AT BOTH ENDS (APPROXIMATELY 10 WEEK DAYS, (APPROXIMATELY 15 TOTAL DAYS INCLUDING WEEKENDS) (METRA).
18. MOVE ELECTRIC LOCK ON METRA TRACK #1 WITH MAINLINE NORMAL & MOVE INSULATED JOINTS TO RUN-AROUND (CONCURRENT WITH PREVIOUS STEP) (METRA)
19. REMOVE TEMPORARY DIVERSION TRACK #1 CATENARY WIRES (BY METRA ON THE MONDAY FOLLOWING CATENARY SERVICE CONSTRUCTION FOR TRACK #1)
20. WAIT TIME AFTER COMPLETION OF PREV. STEP UNTIL WHEN NEXT STEP CAN BEGIN ON FOLLOWING SUNDAY (TUES - SAT)

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.

SUMMARY OF QUANTITIES FOR SUGGESTED STAGE 6 TRACK CONSTRUCTION TASKS

ITEM	UNIT	CONTRACTOR PAY ITEM QUANTITY	QUANTITY BY RR FORCE ACCOUNT WORK BY RAILROADS (FOR REFERENCE ONLY)	
			METRA	CN
RAILROAD TRACK	TRK. FT.	335	608	521
BALLAST	TON	3139		
SUBBALLAST	TON	1233		
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU. YD.	1138		
RAILROAD TRACK SHIFT ASSIST	EACH	7		
RAILROAD TRACK, REMOVE	TRK. FT.	1206	318	230
INSTALL TEMPORARY NO. 15 TURNOUT	EACH		2	
RELOCATE NO. 10 TURNOUT	EACH			2
RAILROAD TRACK SHIFT	EACH		4	7
REMOVE NO. 15 TURNOUT	EACH			1
REMOVE NO. 10 TURNOUT	EACH			1
INSTALL NO. 10 TURNOUT	EACH			2

NOTES:
FOR DETAILS AND PAY ITEMS ASSOCIATED WITH CONSTRUCTION OF CATENARY SUPPORT AND CATENARY DEAD END STRUCTURES SEE CATENARY STRUCTURES SHEETS.

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.

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
STAGE 6 TASKS AND SEQUENCING**

SHT. 38 OF 88
DATE 2/21/2008
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