

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 351	2008-001VB	COOK	579	197
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 60E10

SUGGESTED STAGE 1 TRACK CONSTRUCTION SEQUENCE

- BEGIN TRACK WORK (NEAR COMPLETION OF PRE-STAGE ACTIVITIES)
- CUT AND THROW TEMPORARY CN TRACK #2 TO TEMPORARY DIVERSION AND PLACE IN SERVICE (STA. 392+78.77 TO STA. 395+84.84 AND STA. 407+35.50 TO STA. 415+71.17) (CN - APPROXIMATELY 2 DAYS). (TEMP. TRACK #2 FROM 395+84.84 TO STA. 407+35.50 PREVIOUSLY CONSTRUCTED BY OTHERS)
- REMOVE PORTIONS OF EXISTING CN TRACK #2 (CONTRACTOR).
- CONSTRUCT ROADBED FOR PORTIONS OF TEMPORARY CN TRACK #1, TEMPORARY METRA TRACK #2 & TEMPORARY METRA TRACK #1 (CONTRACTOR).
- CONSTRUCT ROADBED FOR PORTIONS OF TEMPORARY CN GATEWAY LEAD TRACK AND TEMPORARY CN THOROUGHFARE TRACK (CONCURRENT WITH PREVIOUS ACTIVITIES) (CONTRACTOR)
- CUT IN PROP. TEMPORARY NO. 15 TURNOUT FOR TEMP. CN THOROUGHFARE (STA. 803+81.09). CUT IN PROP. TEMPORARY NO. 10 TURNOUT IN EXIST. CN THOROUGHFARE (STA. 808+25.75). (CONCURRENT WITH PREVIOUS ACTIVITIES) (CN)
- CONSTRUCT PORTION OF NEW TRACK FOR TEMP CN TRACK #1.(STA. 297+31.57 TO STA. 310+43.23) (CONTRACTOR)
- CONSTRUCT PORTION OF NEW TRACK FOR TEMP METRA TRACK #2 (STA. 198+61.61 TO STA. 208+98.51) (CONTRACTOR).
- CONSTRUCT PORTION OF NEW TRACK FOR TEMP METRA TRACK #1 (STA. 100+11.56 TO STA. 107+29.03) (CONTRACTOR).
- CUT AND THROW CN TRACK #1 TO TEMPORARY DIVERSION AND PLACE IN SERVICE (STA. 294+16.01 TO STA. 297+31.57 AND STA. 310+43.23 TO STA. 313+59.76) (CN - APPROXIMATELY 2 DAYS)
- REMOVE PORTION OF EXISTING CN TRACK #1 (CONTRACTOR)
- CONSTRUCT TEMP. CATENARY SUPPORT STRUCTURES #4, #8 & #9 (CONTRACTOR).
- INSTALL UNDERGROUND CONDUITS FOR AC SYSTEM BETWEEN GROUND MOUNTED HANDHOLES AT STA. 196+50 AND STA 211+25 ALONG METRA TEMPORARY DIVERSION TRACKS #1 & #2 - REQUIRES TWO PUSHES OF EACH CONDUIT UNDER EXISTING IN-SERVICE METRA TRACK #2. INSTALL CABLES IN CONDUITS FOR 4160V AND & 2400V AC POWER LINES. (CONTRACTOR)
- INSTALL UNDERGROUND CONDUIT FOR FIBER OPTIC CABLE BETWEEN JUNCTION BOXES AT CATENARY STRUCTURES 20.51 & 20.97. ROUTE CONDUIT BETWEEN METRA TEMP DIVERSION TRACKS #1 AND #2 - REQUIRES TWO PUSHES OF CONDUIT UNDER EXISTING IN-SERVICE TRACK #2. INSTALL FIBER OPTIC CABLE FOR METRA SCADA/COMMUNICATION IN CONDUIT. (CONCURRENT WITH PREVIOUS ACTIVITY) (CONTRACTOR)
- INSTALL RE-ROUTED SIGNAL CABLES ALONG EXISTING METRA TRACK #1, UNDER EXISTING METRA TRACK #2 & ALONG SHOOFLY (FROM NEW SIGNAL CASE NORTH OF 159TH ST BRIDGE TO EXISTING SIGNAL CASE SOUTH OF BRIDGE) & CUT OVER FROM EXISTING SYSTEM (METRA - APPROXIMATELY 4 DAYS).
- CUT OVER AC 2400V & 4160V POWER TO UNDERGROUND RE-ROUTED ONE ALONG TEMPORARY DIVERSION TRACKS (METRA - APPROXIMATELY 8 DAYS)
- CUT OVER FIBER OPTIC SCADA/COMMUNICATION SYSTEM TO UNDERGROUND RE-ROUTED ONE ALONG TEMPORARY DIVERSION TRACKS (CONCURRENT WITH PREVIOUS ACTIVITY) (METRA - CUT OVER MUST BE DONE ON A SATURDAY).
- REMOVE EXISTING AERIAL AC & FIBER OPTIC CABLE (METRA - APPROXIMATELY 2 DAYS).

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 1 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.	3065		109
BALLAST	TON	6541		
SUBBALLAST	TON	2346		
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU. YD.	3558		
RAILROAD TRACK SHIFT ASSIST	EACH	5		
RAILROAD TRACK, REMOVE	TRK. FT.	2976		461
INSTALL TEMPORARY NO. 15 TURNOUT	EACH			1
INSTALL TEMPORARY NO. 10 TURNOUT	EACH			1
REMOVE EXISTING NO. 10 TURNOUT	EACH			1
RAILROAD TRACK SHIFT	EACH			5

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 1 TASKS AND SEQUENCING

SHT. 23 OF 88
DATE 2/21/2008

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