ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
F.A.P. 351	2008-001VB	COOK	579	267
STA.		TO STA.		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 60E10

LEGEND

METRA POWER
BURIED UNDERGROUND
2-4" RIGID GALV. STEEL CONDUITS
1- METRA 4160 V, 4/C #2AWG
1- METRA 2400 V. 4/C #2AWG

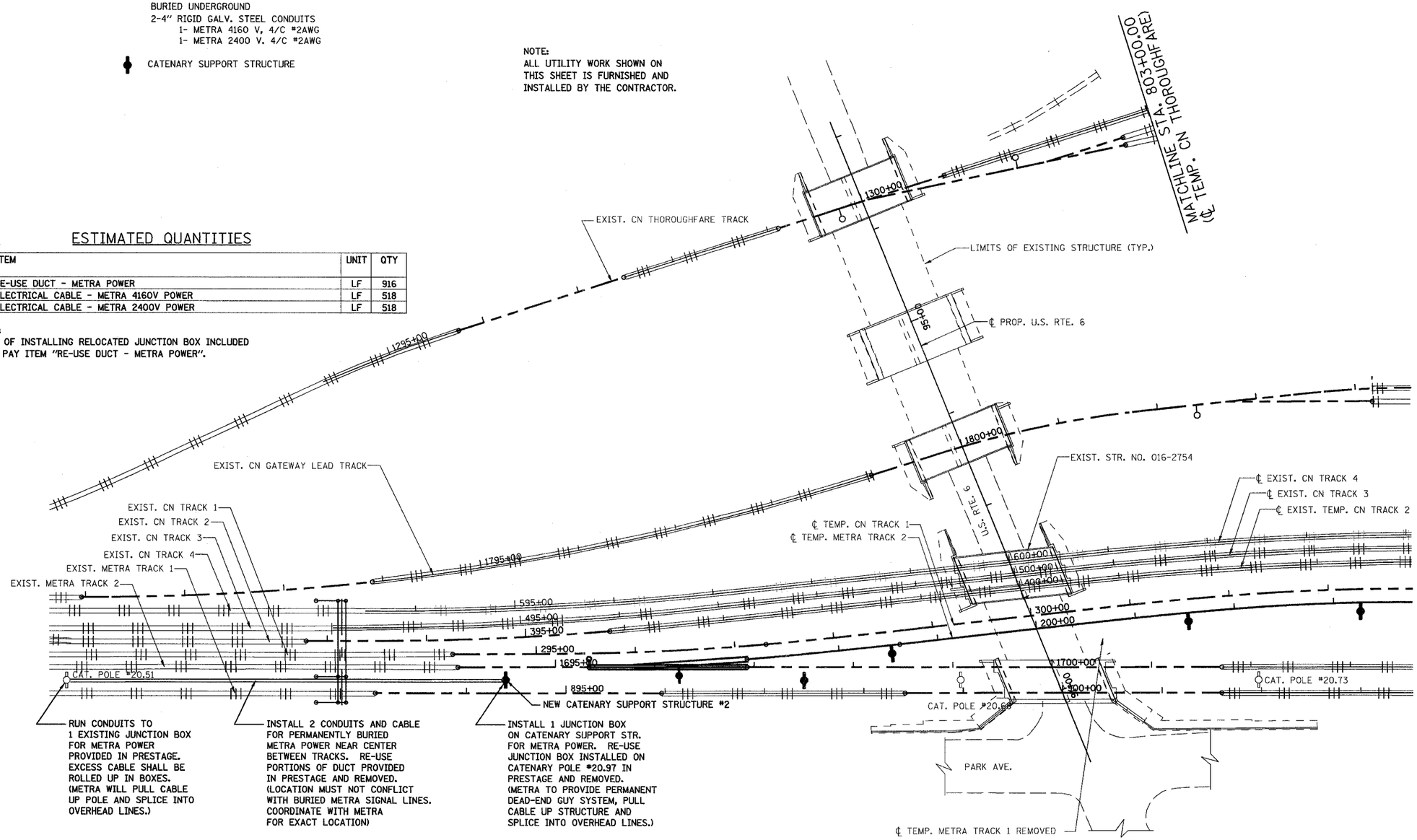
CATENARY SUPPORT STRUCTURE

NOTE:
ALL UTILITY WORK SHOWN ON THIS SHEET IS FURNISHED AND INSTALLED BY THE CONTRACTOR.

ESTIMATED QUANTITIES

ITEM	UNIT	QTY
RE-USE DUCT - METRA POWER	LF	916
ELECTRICAL CABLE - METRA 4160V POWER	LF	518
ELECTRICAL CABLE - METRA 2400V POWER	LF	518

NOTE:
COST OF INSTALLING RELOCATED JUNCTION BOX INCLUDED WITH PAY ITEM "RE-USE DUCT - METRA POWER".



RUN CONDUITS TO 1 EXISTING JUNCTION BOX FOR METRA POWER PROVIDED IN PRESTAGE. EXCESS CABLE SHALL BE ROLLED UP IN BOXES. (METRA WILL PULL CABLE UP POLE AND SPLICE INTO OVERHEAD LINES.)

INSTALL 2 CONDUITS AND CABLE FOR PERMANENTLY BURIED METRA POWER NEAR CENTER BETWEEN TRACKS. RE-USE PORTIONS OF DUCT PROVIDED IN PRESTAGE AND REMOVED. (LOCATION MUST NOT CONFLICT WITH BURIED METRA SIGNAL LINES. COORDINATE WITH METRA FOR EXACT LOCATION)

INSTALL 1 JUNCTION BOX ON CATENARY SUPPORT STR. FOR METRA POWER. RE-USE JUNCTION BOX INSTALLED ON CATENARY POLE #20.97 IN PRESTAGE AND REMOVED. (METRA TO PROVIDE PERMANENT DEAD-END GUY SYSTEM, PULL CABLE UP STRUCTURE AND SPLICE INTO OVERHEAD LINES.)

NOTE:
METRA WILL INSTALL NEW OVERHEAD AC POWER LINES BETWEEN NEW CATENARY SUPPORT STRUCTURE #2 AND CATENARY STRUCTURE 20.97 AND CONNECT TO JUNCTION BOX AT CATENARY SUPPORT STRUCTURE #2 AND PLACE IN SERVICE

REVISIONS	
NAME	DATE

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

METRA UTILITIES
AC & SCADA ROUTING - PHASE 3

SHT. 5 OF 5
DATE 2/21/2008
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