

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
F.A.P. 351	2008-001VB	COOK	579	265
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT

CONTRACT NO. 60E10

LEGEND

- METRA POWER & FIBER BURIED UNDERGROUND
- 3-4" RIGID GALV. STEEL CONDUITS
- 1- METRA 4160 V, 4/C #2AWG
- 1- METRA 2400 V, 4/C #2AWG
- 1- METRA FIBER, COMMSCOPE PART #0-024-CA-8W-F12NS
- E — 2 CONDUITS FOR 4160V & 2400V POWER INSTALLED DURING PRESTAGE
- [H] FURNISH AND INSTALL HANDHOLES
- ◆ CATENARY SUPPORT STRUCTURE

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

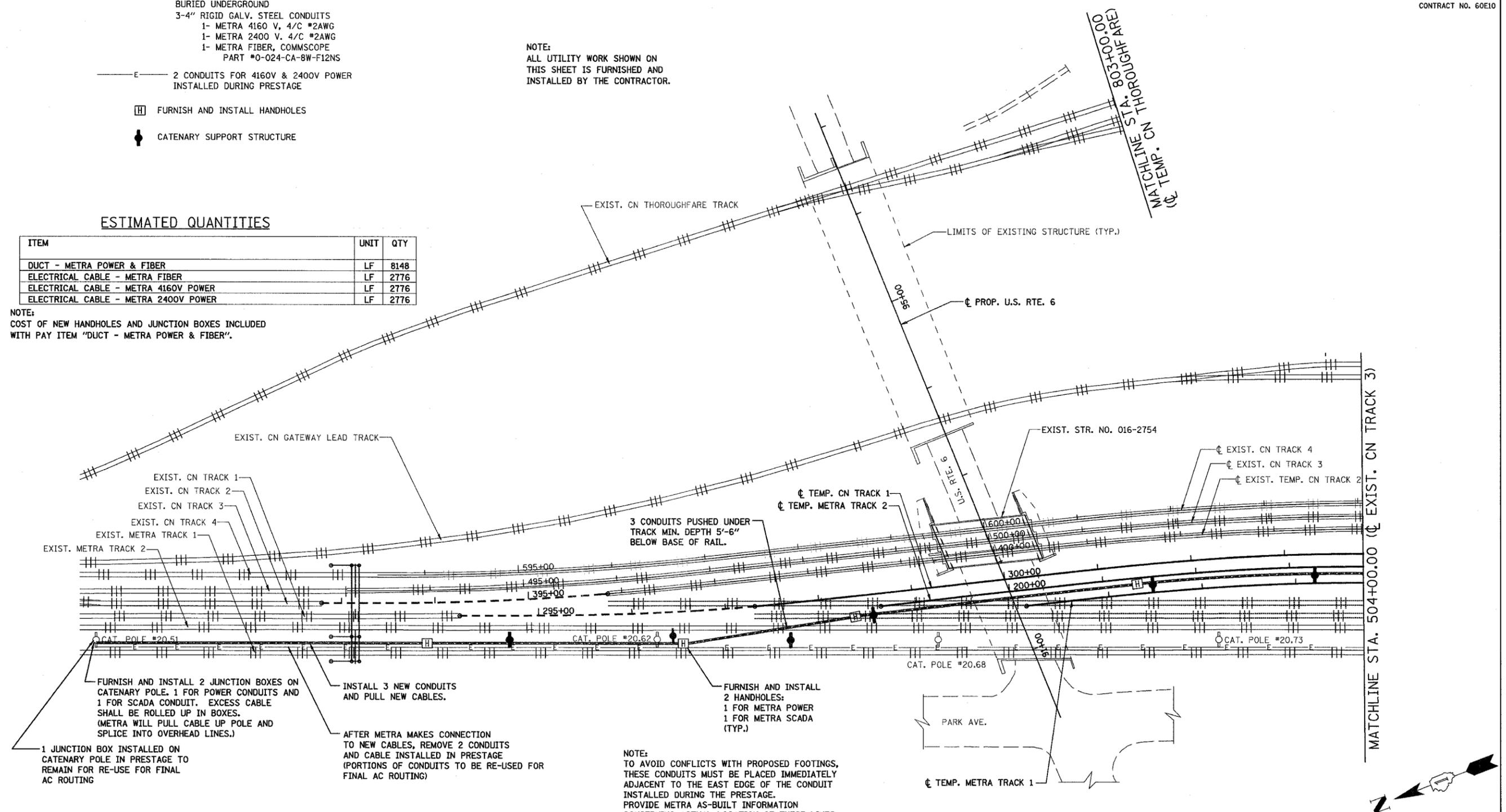
ESTIMATED QUANTITIES

ITEM	UNIT	QTY
DUCT - METRA POWER & FIBER	LF	8148
ELECTRICAL CABLE - METRA FIBER	LF	2776
ELECTRICAL CABLE - METRA 4160V POWER	LF	2776
ELECTRICAL CABLE - METRA 2400V POWER	LF	2776

NOTE:
COST OF NEW HANDHOLES AND JUNCTION BOXES INCLUDED WITH PAY ITEM "DUCT - METRA POWER & FIBER".

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FURNISH AND INSTALL 2 JUNCTION BOXES ON CATENARY POLE. 1 FOR POWER CONDUITS AND 1 FOR SCADA CONDUIT. EXCESS CABLE SHALL BE ROLLED UP IN BOXES. (METRA WILL PULL CABLE UP POLE AND SPLICE INTO OVERHEAD LINES.)

1 JUNCTION BOX INSTALLED ON CATENARY POLE IN PRESTAGE TO REMAIN FOR RE-USE FOR FINAL AC ROUTING

INSTALL 3 NEW CONDUITS AND PULL NEW CABLES.

AFTER METRA MAKES CONNECTION TO NEW CABLES, REMOVE 2 CONDUITS AND CABLE INSTALLED IN PRESTAGE (PORTIONS OF CONDUITS TO BE RE-USED FOR FINAL AC ROUTING)

FURNISH AND INSTALL 2 HANDHOLES:
1 FOR METRA POWER
1 FOR METRA SCADA (TYP.)

NOTE:
TO AVOID CONFLICTS WITH PROPOSED FOOTINGS, THESE CONDUITS MUST BE PLACED IMMEDIATELY ADJACENT TO THE EAST EDGE OF THE CONDUIT INSTALLED DURING THE PRESTAGE. PROVIDE METRA AS-BUILT INFORMATION CONCERNING ACTUAL LOCATION OF THESE LINES.

COORDINATE WITH METRA TO CONFIRM THE LOCATION OF RAILROAD SIGNAL LINES BURIED ALONG THE EAST SIDE OF TRACK 1 AND ALONG TEMPORARY TRACKS. EXERCISE CAUTION TO AVOID THESE LINES.

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 2

SHT. 3 OF 5
DATE 2/21/2008

DRAWN BY SOI
CHECKED BY DAD