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| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| F.A.P. 351 | 2008-001VB | COOK | 579 | 263 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | | FED. AID PROJECT |
| CONTRACT NO. 60E10 | | | | |

LEGEND

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

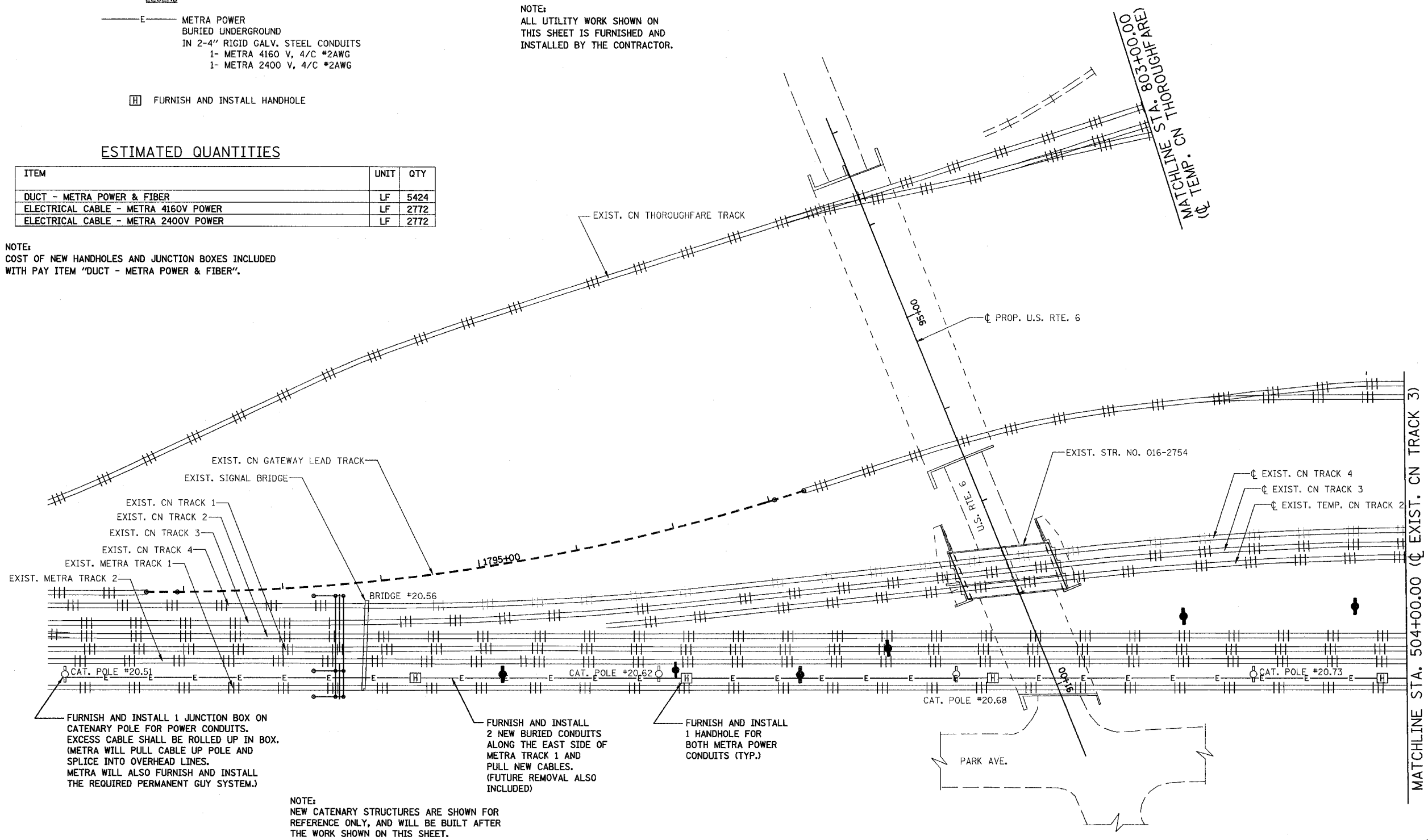
[H] FURNISH AND INSTALL HANDHOLE

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 | 5424 |
| ELECTRICAL CABLE - METRA 4160V POWER | LF | 2772 |
| ELECTRICAL CABLE - METRA 2400V POWER | LF | 2772 |

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



FURNISH AND INSTALL 1 JUNCTION BOX ON CATENARY POLE FOR POWER CONDUITS. EXCESS CABLE SHALL BE ROLLED UP IN BOX. (METRA WILL PULL CABLE UP POLE AND SPLICE INTO OVERHEAD LINES. METRA WILL ALSO FURNISH AND INSTALL THE REQUIRED PERMANENT GUY SYSTEM.)

FURNISH AND INSTALL 2 NEW BURIED CONDUITS ALONG THE EAST SIDE OF METRA TRACK 1 AND PULL NEW CABLES. (FUTURE REMOVAL ALSO INCLUDED)

FURNISH AND INSTALL 1 HANDHOLE FOR BOTH METRA POWER CONDUITS (TYP.)

NOTE:
 NEW CATENARY STRUCTURES ARE SHOWN FOR REFERENCE ONLY, AND WILL BE BUILT AFTER THE WORK SHOWN ON THIS SHEET.

TO AVOID CONFLICTS WITH PROPOSED FOOTINGS, THESE CONDUITS MUST BE PLACED IMMEDIATELY ADJACENT TO THE EAST EDGE OF THE TIES OF TRACK 1. 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. EXERCISE CAUTION TO AVOID THESE LINES.

| REVISIONS | |
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| NAME | DATE |
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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 1

SHT. 1 OF 5
 DATE 2/21/2008
 DRAWN BY SOI
 CHECKED BY DAD

3/13/2008 2:11:34 PM

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