ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
F.A.P. 351	2008-001VB	COOK	579	272
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 60E10

4/14/2008 8:18:38 AM

q:\17049.069\signal work for metra\plans\05_stage1_signal_routing1.dgn

LEGEND

- METRA SIGNAL CASE
- SIGNAL POWER CABLE (5C #9)
- SIGNAL CABLE (19C #14)
- METRA CONDUIT 4"
- EXISTING CATENARY SUPPORT STRUCTURE
- NEW CATENARY SUPPORT STRUCTURE

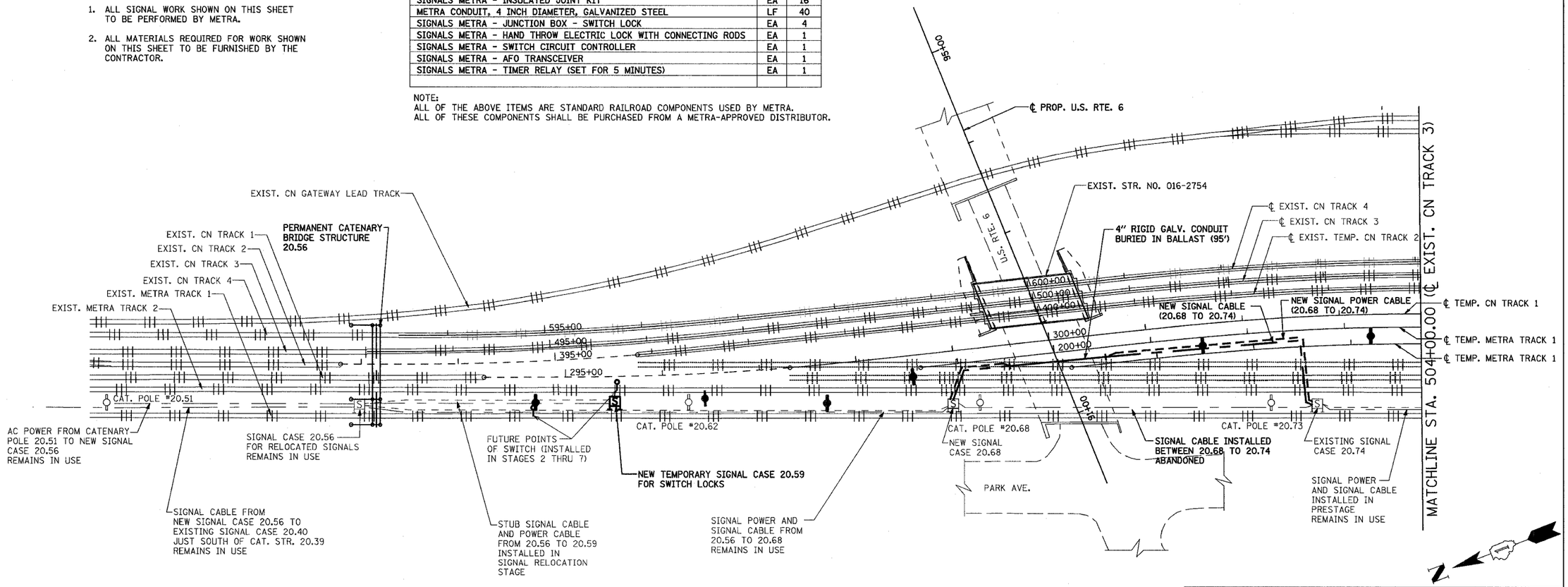
NOTES:

1. ALL SIGNAL WORK SHOWN ON THIS SHEET TO BE PERFORMED BY METRA.
2. ALL MATERIALS REQUIRED FOR WORK SHOWN ON THIS SHEET TO BE FURNISHED BY THE CONTRACTOR.

CONTRACTOR-PROVIDED HARDWARE ASSOCIATED WITH NORTH ELECTRIC SWITCH LOCKS

ITEM	UNIT	QTY
SIGNALS METRA - 19C #14 MULTI-CONDUCTOR CABLE	LF	507
SIGNALS METRA - 5C #9 POWER CABLE	LF	507
SIGNALS METRA - CASE WIRE #10	LF	300
SIGNALS METRA - 2C #6 TRACK CABLE	LF	200
SIGNALS METRA - TRACK CIRCUIT RAIL CONNECTORS	EA	2
SIGNALS METRA - BOOTLEGS	EA	2
SIGNALS METRA - 2-5C #6 SIGNAL CABLE	LF	100
SIGNALS METRA - INSULATED BONDSTRAND	LF	250
SIGNALS METRA - MISC. - BATTERY FILTER	EA	1
SIGNALS METRA - MISC. - RECTIFIER (20 AMP)	EA	1
SIGNALS METRA - MISC. - LIGHTNING ARRESTER	EA	3
SIGNALS METRA - MISC. - EQUALIZER	EA	3
SIGNALS METRA - MISC. - FUSE 30 AMP	EA	4
SIGNALS METRA - RELAY CASE E	EA	1
SIGNALS METRA - VITAL PLUG-IN RELAY (500 OHM)	EA	4
SIGNALS METRA - SIGNAL CASE FOUNDATIONS	EA	2
SIGNALS METRA - INSULATED JOINT KIT	EA	16
METRA CONDUIT, 4 INCH DIAMETER, GALVANIZED STEEL	LF	40
SIGNALS METRA - JUNCTION BOX - SWITCH LOCK	EA	4
SIGNALS METRA - HAND THROW ELECTRIC LOCK WITH CONNECTING RODS	EA	1
SIGNALS METRA - SWITCH CIRCUIT CONTROLLER	EA	1
SIGNALS METRA - AFO TRANSCEIVER	EA	1
SIGNALS METRA - TIMER RELAY (SET FOR 5 MINUTES)	EA	1

NOTE:
ALL OF THE ABOVE ITEMS ARE STANDARD RAILROAD COMPONENTS USED BY METRA.
ALL OF THESE COMPONENTS SHALL BE PURCHASED FROM A METRA-APPROVED DISTRIBUTOR.



REVISIONS NAME	DATE

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

METRA SIGNALS
TEMP SIGNAL ROUTING (STAGE 1-NORTH)

SHT. SG-05 OF SG-36 DRAWN BY MAD
DATE 4/11/2008 CHECKED BY AB