

4/14/2008 8:18:38 AM

q:\17049,069\signal work for metra\plans\06_stage1_signal_routing2.dgn

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 351	2008-001VB	COOK	579	273
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 60E10				

**CONTRACTOR-PROVIDED HARDWARE
ASSOCIATED WITH SOUTH ELECTRIC SWITCH LOCKS**

ITEM	UNIT	QTY
SIGNALS METRA - 19C #14 MULTI-CONDUCTOR CABLE	LF	0
SIGNALS METRA - 5C #9 POWER CABLE	LF	0
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 WITH COUPLERS, 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

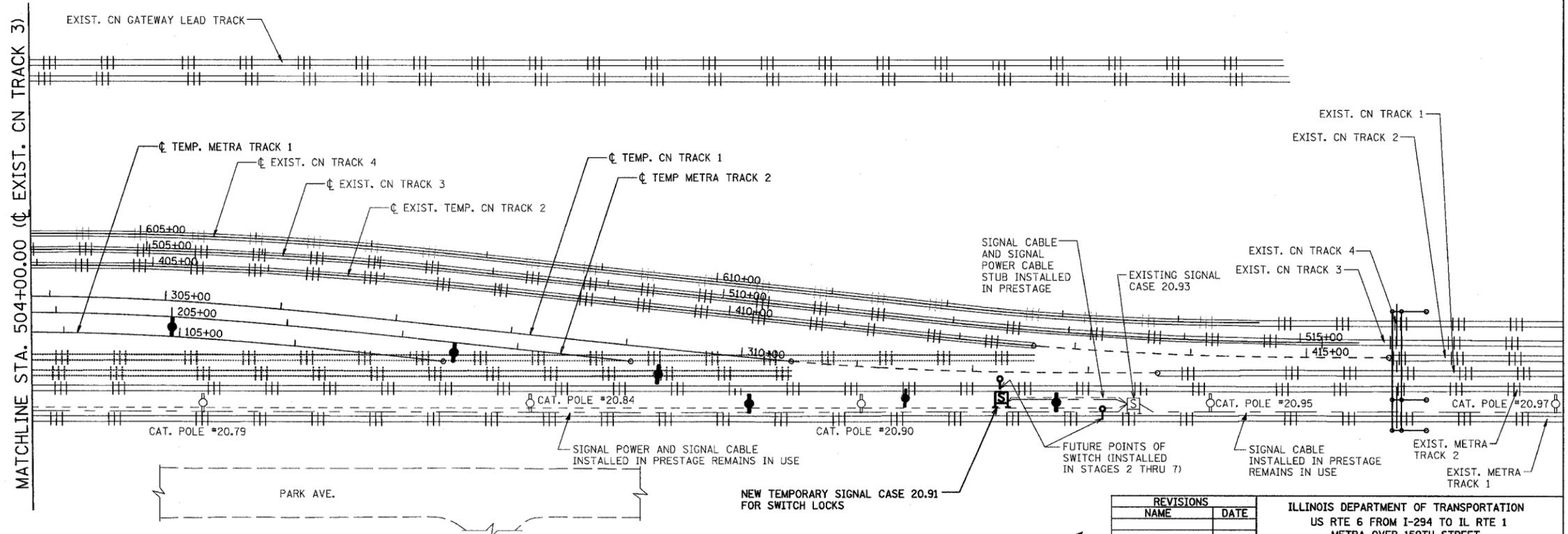
NOTE:
ALL OF THE ABOVE ITEMS ARE STANDARD RAILROAD COMPONENTS USED BY METRA.
ALL OF THESE COMPONENTS SHALL BE PURCHASED FROM A METRA-APPROVED DISTRIBUTOR.

LEGEND

- METRA SIGNAL CASE
- AC POWER CABLE (5C #6)
- 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.



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-SOUTH)**

SHT. SG-06 OF SG-36 DRAWN BY MAD
DATE 4/11/2008 CHECKED BY AB