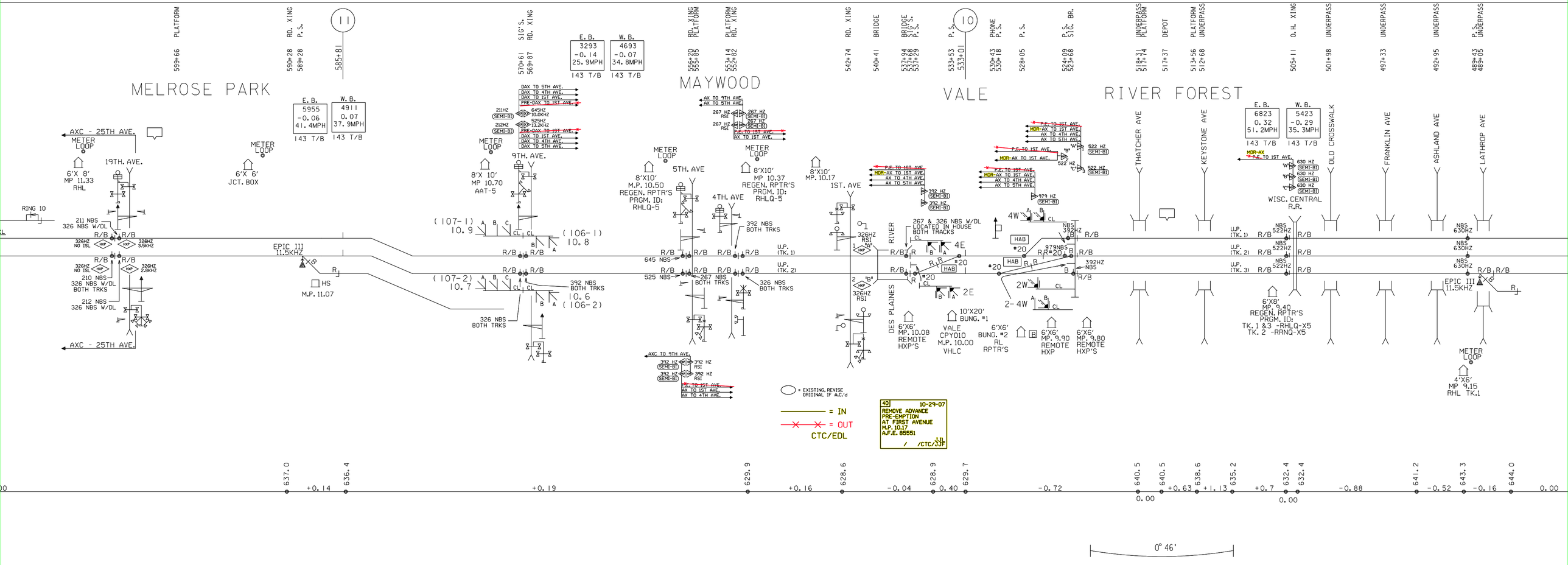
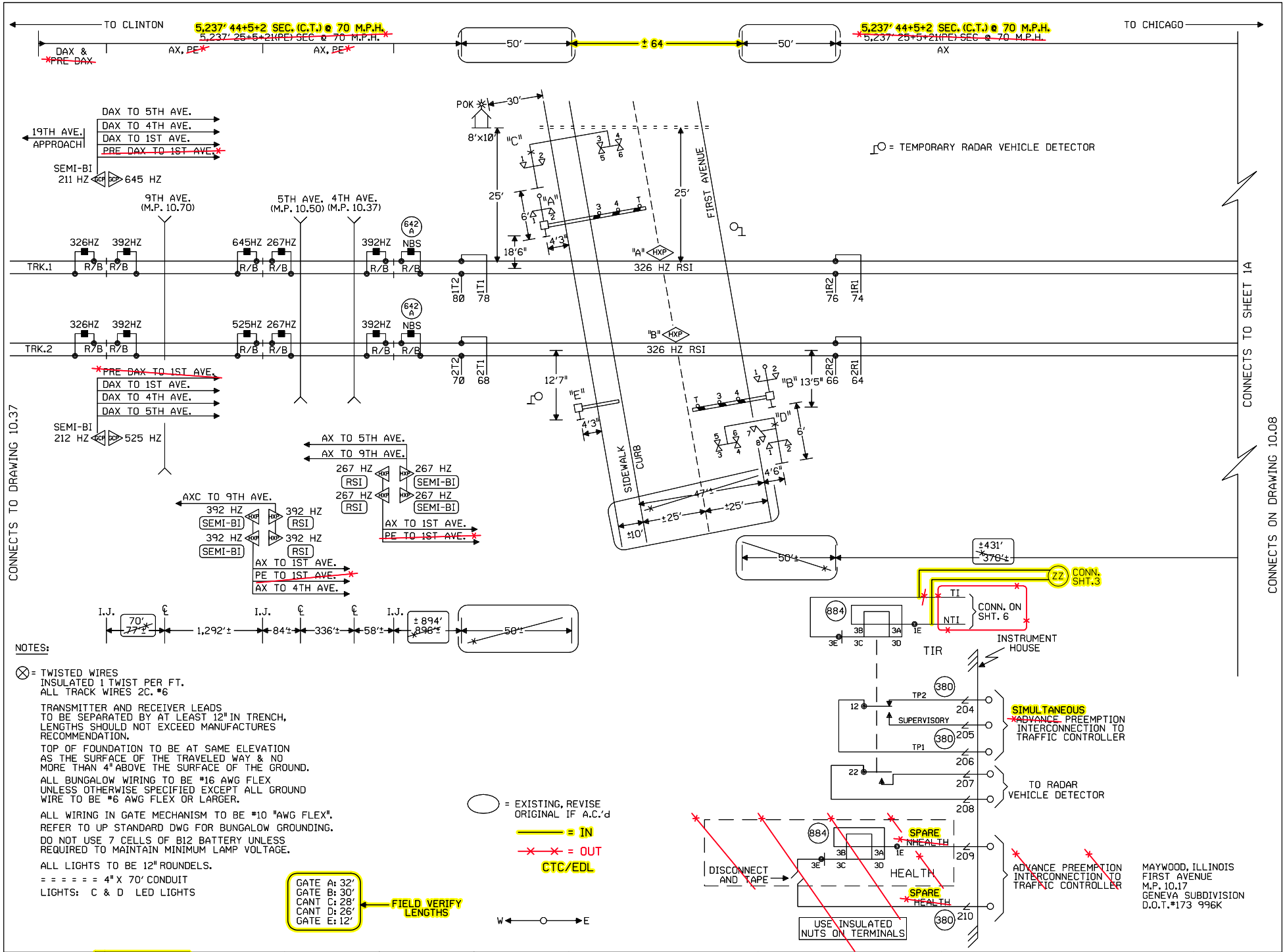

MELROSE PARK
MAYWOOD
VALE
RIVER FOREST
PLATFORM
RD. XING
P.S.
SIG'S.
RD. XING
RD. XING
PLATFORM
PLATFORM
RD. XING
BRIDGE
BRIDGE
SIGS.
P.S.
P.S.
PHONE
P.S.
P.S.
P.S.
SIG. BR.
UNDERPASS
PLATFORM
DEPOT
PLATFORM
UNDERPASS
O.H. XING
UNDERPASS
UNDERPASS
UNDERPASS
UNDERPASS
P.S.
UNDERPASS
599+66
590+28
589+28
585+81
570+61
569+87
556+20
555+85
553+14
552+82
542+74
540+41
537+94
537+48
537+29
533+53
533+01
530+43
530+18
528+05
524+09
523+68
518+31
517+74
517+37
513+56
512+68
505+11
501+98
497+33
492+95
488+43
488+05
E.B. 5955 -0.06 41.4MPH 143 T/B
W.B. 4911 0.07 37.9MPH 143 T/B
E.B. 3293 -0.14 25.9MPH 143 T/B
W.B. 4693 -0.07 34.8MPH 143 T/B
E.B. 6823 0.32 51.2MPH 143 T/B
W.B. 5423 -0.29 35.3MPH 143 T/B
AXC - 25TH AVE.
METER LOOP
19TH. AVE.
6'X 8' MP 11.33 RHL
RING 10
211 NBS 326 NBS W/DL
326HZ NO ISL
326HZ 3.5KHZ
210 NBS 326 NBS W/DL BOTH TRKS
212 NBS 326 NBS W/DL
326HZ 2.8KHZ
EPIC III 11.5KHZ
HS
M.P. 11.07
METER LOOP
6'X 6' JCT. BOX
METER LOOP
8'X 10' MP 10.70 AAT-5
9TH. AVE.
(107-1) 10.9
(106-1) 10.8
(107-2) 10.7
10.6 (106-2)
392 NBS BOTH TRKS
326 NBS BOTH TRKS
645 NBS
525 NBS
267 NBS BOTH TRKS
METER LOOP
8'X10' M.P. 10.50 REGEN. RPTR'S PRGM. ID: RHLQ-5
5TH. AVE
4TH. AVE
METER LOOP
8'X10' MP 10.37 REGEN. RPTR'S PRGM. ID: RHLQ-5
392 NBS BOTH TRKS
326 NBS BOTH TRKS
U.P. (TK. 1)
U.P. (TK. 2)
8'X10' MP. 10.17
1ST. AVE
326HZ RSI
DES PLAINES RIVER
267 & 326 NBS W/DL LOCATED IN HOUSE BOTH TRACKS
4E
2E
6'X6' MP. 10.08 REMOTE HXP'S
VALE CPY010 M.P. 10.00 VHLC
10'X20' BUNG. #1
6'X6' BUNG. #2 RL RPTR'S
4W
2W
2-4W
979NBS
392HZ NBS
6'X6' MP. 9.90 REMOTE HXP
6'X6' MP. 9.80 REMOTE HXP'S
THATCHER AVE
KEYSTONE AVE
OLD CROSSWALK
FRANKLIN AVE
ASHLAND AVE
LATHROP AVE
WISC. CENTRAL R.R.
NBS 522HZ
NBS 630HZ
6'X8' MP 9.40 REGEN. RPTR'S PRGM. ID: TK. 1 & 3 -RHLQ-X5 TK. 2 -RRNQ-X5
EPIC III 11.5KHZ
METER LOOP
4'X6' MP 9.15 RHL TK.1
= EXISTING. REVISE ORIGINAL IF A.C.'d
= IN
= OUT
CTC/EDL
40 10-29-07
REMOVE ADVANCE PRE-EMPTION AT FIRST AVENUE M.P. 10.17 A.F.E. 85551
/ /CTC/JJF
637.0
+0.14
636.4
+0.19
629.9
+0.16
628.6
-0.04
628.9
0.40
629.7
-0.72
640.5
0.00
640.5
+0.63
638.6
+1.13
635.2
+0.7
632.4
0.00
632.4
-0.88
641.2
-0.52
643.3
-0.16
644.0
0.00
0° 46'



NOTES:

⊗ = TWISTED WIRES
INSULATED 1 TWIST PER FT.
ALL TRACK WIRES 2C. #6

TRANSMITTER AND RECEIVER LEADS TO BE SEPARATED BY AT LEAST 12" IN TRENCH, LENGTHS SHOULD NOT EXCEED MANUFACTURES RECOMMENDATION.

TOP OF FOUNDATION TO BE AT SAME ELEVATION AS THE SURFACE OF THE TRAVELED WAY & NO MORE THAN 4" ABOVE THE SURFACE OF THE GROUND.

ALL BUNGALOW WIRING TO BE #16 AWG FLEX UNLESS OTHERWISE SPECIFIED EXCEPT ALL GROUND WIRE TO BE #6 AWG FLEX OR LARGER.

ALL WIRING IN GATE MECHANISM TO BE #10 "AWG FLEX".

REFER TO UP STANDARD DWG FOR BUNGALOW GROUNDING.

DO NOT USE 7 CELLS OF B12 BATTERY UNLESS REQUIRED TO MAINTAIN MINIMUM LAMP VOLTAGE.

ALL LIGHTS TO BE 12" ROUNDELS.

= = = = = = 4" X 70' CONDUIT

LIGHTS: C & D LED LIGHTS

5 09-30-08 REMOVE ADVANCE PRE-EMPTION AT FIRST AVENUE M.P. 10.17 A.F.E. 85551 JJL / /CTC/JJF	REV. 9-23-08 INSTALLED CROSSING CONTROLLER CARDS TO EXISTING GCP 4000 AT 9TH AVENUE. REC. #15247 6-2-08 RLT TH/WITT/CTC/RDD	REV. 9-23-08 REPLCAED HXP-1 WITH A GCP 4000 AT 9TH AVENUE M.P. 10.70 W.O. #60735 REC. #15247 6-2-08 RLT TH/WITT/CTC/RDD	REV. 12-21-04 REVISED FREQ. FROM 522HZ TO 326HZ. REC#11973 9-30-04 HM/WITT	REV. 5-20-03 INSTALLED 25 SECONDS ADV. PREEMPTION AT M.P. 10.17 REC. #9213 4-10-03 JTB JJO/WITT/GEHH/JNM	

MODIFICATION LEVEL	
Q.A. LAST LEVEL CHK'D.	CY
LAST LEVEL MOD. THIS TYP.	CV
LAST LEVEL BY DESIGNER.	DA
CHANGED FROM TYP.? Y/N	Y

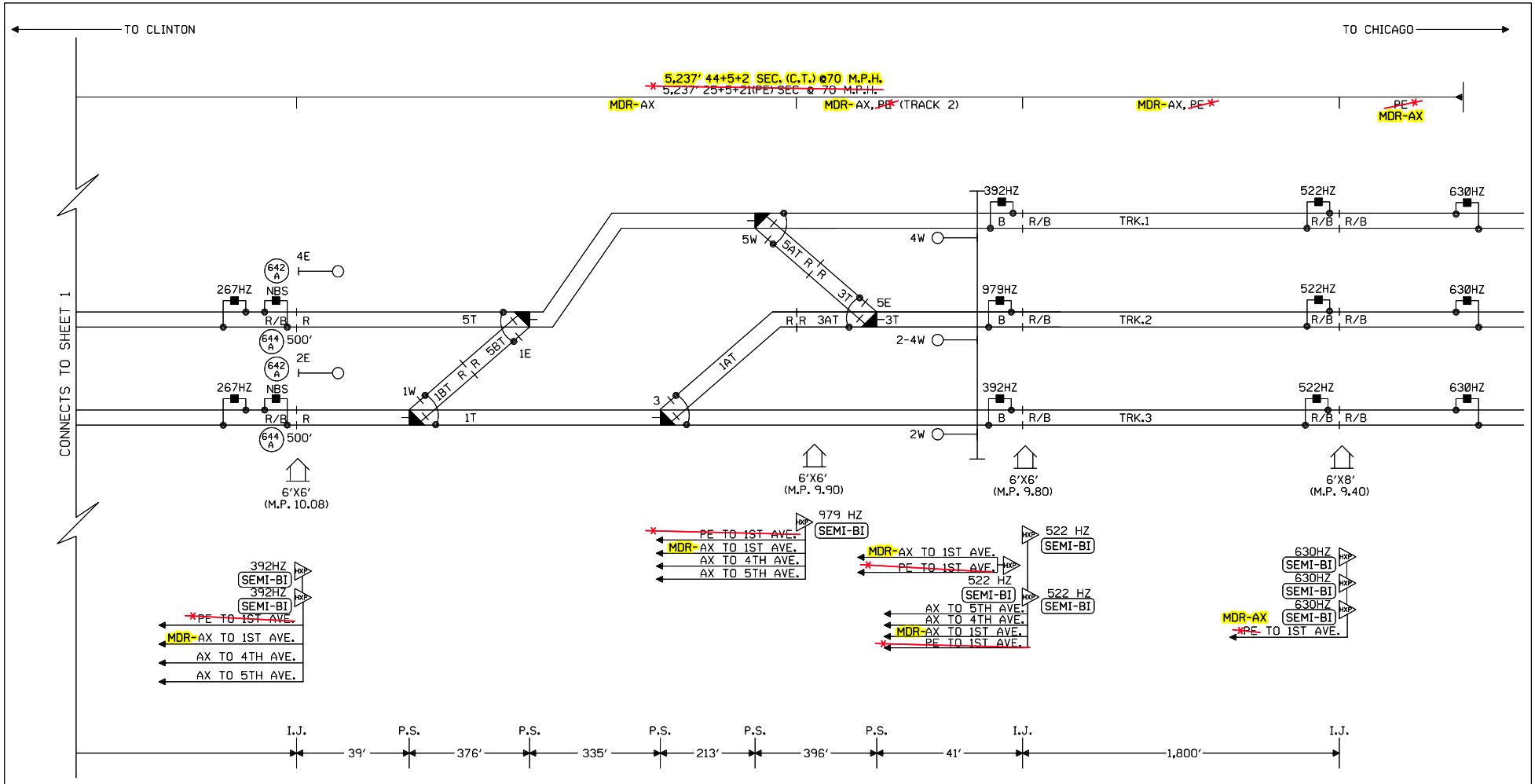
UNION PACIFIC
QUALITY PRODUCTIVITY SAFETY
SIGNAL DESIGN

DES: GEHH
DIG: GEHH
CHK: RCP
A.F.E. 39659
ID: GEN1017.1

UNION PACIFIC RAILROAD
CHICAGO, ILLINOIS TO
CLINTON, IOWA
C.T.C. CIRCUITS
Office of Sr.AVP Engineering - Signal/TCO OMAHA NEBR.

DATE 02-13-01
SHEET 1
DWG 10.17
GEN

(REV. 4-4-00) (1TKBGC.1)



= EXISTING, REVISE ORIGINAL IF A.C.'d

= IN

= OUT

CTC/EDL

MAYWOOD, ILLINOIS
FIRST AVENUE
M.P. 10.17
GENEVA SUBDIVISION
D.O.T.#173 996K
PROJ.#

				2 09-30-08 REMOVE ADVANCE PRE-EMPTION AT FIRST AVENUE M.P. 10.17 A.F.E. 85551 JJL / /CTC/JJF	REV. 5-20-03 INSTALLED 25 SECONDS ADV. PREEMPTION AT M.P. 10.17 REC. #9213 4-10-03 JTB JJO/WITT/GEHH/JNM	MODIFICATION LEVEL		UNION PACIFIC QUALITY PRODUCTIVITY SAFETY SIGNAL DESIGN	DES: GEHH	UNION PACIFIC RAILROAD CHICAGO, ILLINOIS TO CLINTON, IOWA C.T.C. CIRCUITS	DATE 02-13-01
						Q.A. LAST LEVEL CHK'D.	CY		DIG: GEHH		SHEET 1A
						LAST LEVEL MOD. THIS TYP.	CV		CHK: RCP		DWG 10.17
						LAST LEVEL BY DESIGNER.	DA		A.F.E. 39659		GEN
						CHANGED FROM TYP.? Y/N	Y		ID= GEN1017.1A	Office of Sr.AVP Engineering - Signal/TCO OMAHA NEBR.	

(REV. 4-4-00) (1TKBGC.1)