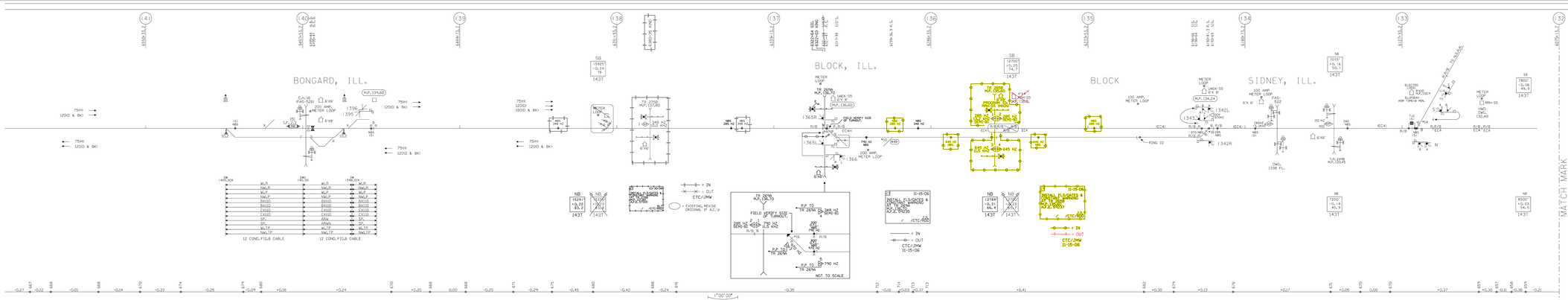
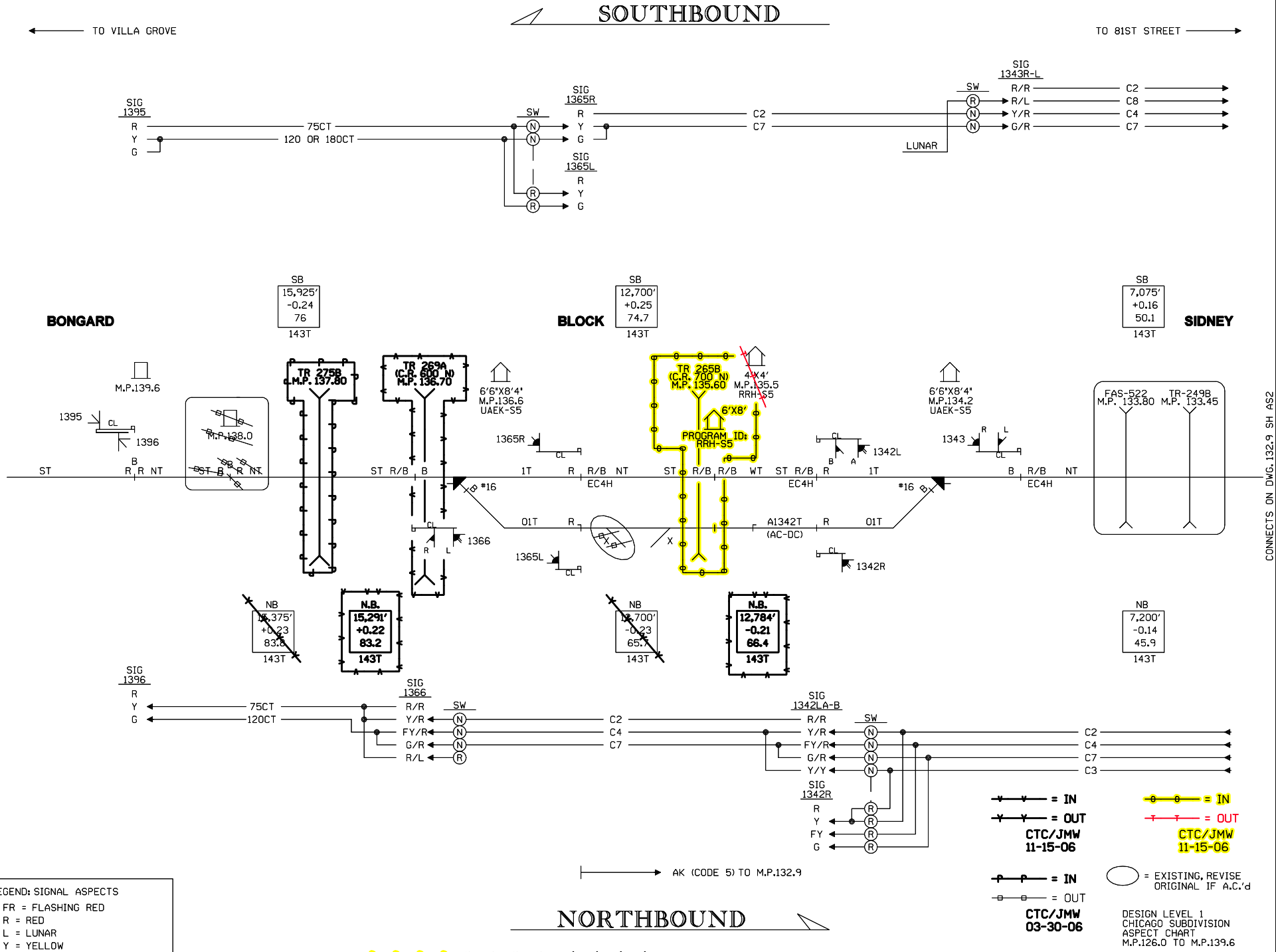
CHICAGO 208.
M-9 SHEET 2 OF 3
SIDNEY ILL. TO FINDLAY, ILL.

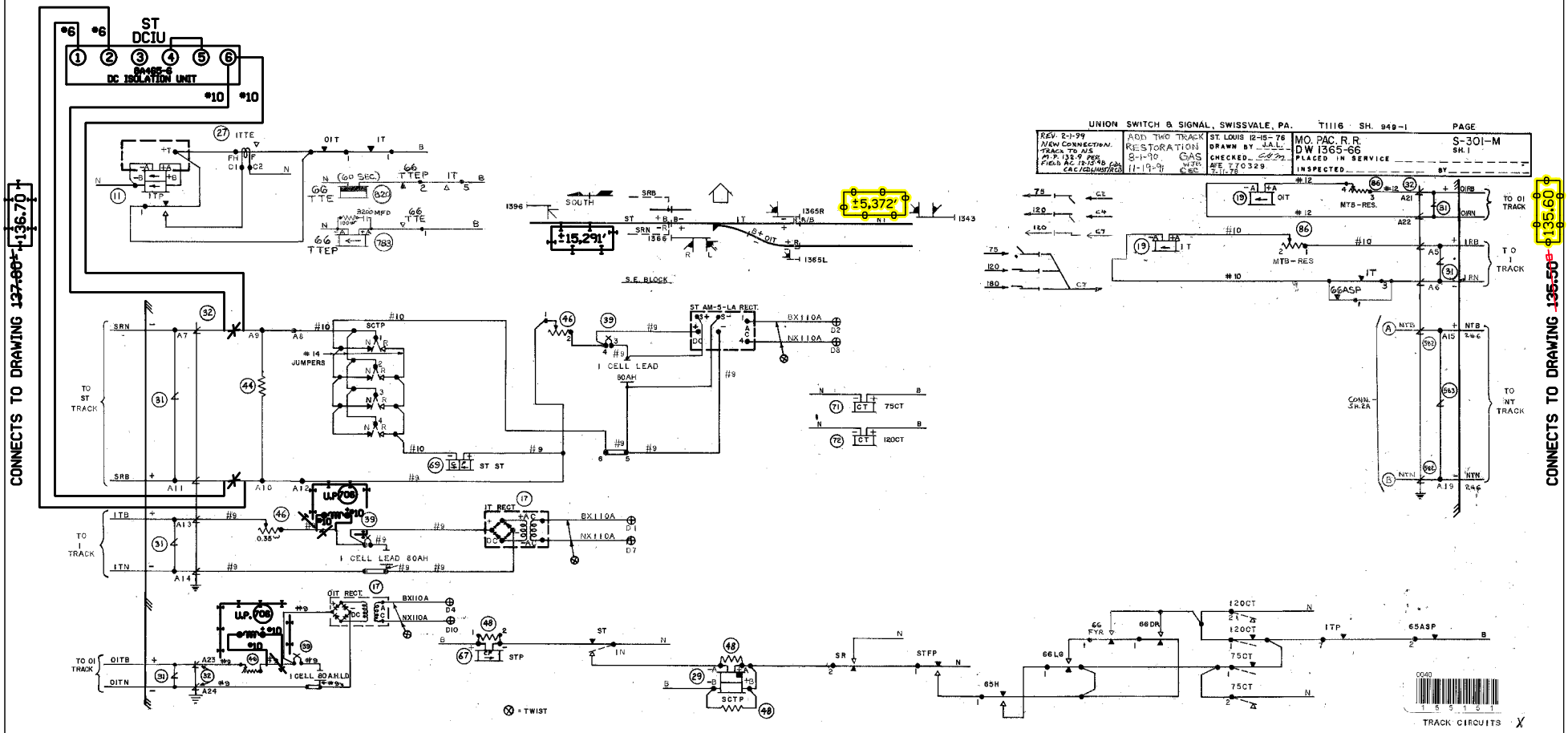
M-9 SIDNEY ILL. TO FINDLAY, ILL. CHICAGO 208 M-101-2-135

REVISIONS

REV. 11-29-94 UPGRADE KINGS THRU TUSCOLA, IL AC BY LJG	REV. 11-20-96 REMOVE NEW ATT. & ADD NEW ATT. ON BLK #20 BY: MJK/RBT CC:WITT/WWW
REV. 1-5-95 KING UPGRADE 2ND & BEECH ST AC BY LJG JGB/WAR	REV. 2-15-96 REV. CONNECTION DIAGRAM FOR NEW BLOCK BY: LJF CC:WITT/WWW
REV. 2-27-96 INSTALL B-L INTER AT MP. 133.40 12-28-94 JGB/WAR	REV. 2-15-96 CAC/CDL/WST/RCB
REV. 2-28-96 ADD NEW ATT. ON BLK #20 BY: MJK/LMJ 12-28-94 JGB/WAR	REV. 4-26-99 INSTALLED GATES & SIGNALS AT MP. 133.40 BY: JPP CC: 27826
REV. 9-24-96 REMOVE SIDETRACK AT MP. 135 WRH/WAR	REV. 4-26-99 INSTALLED GATES & SIGNALS AT MP. 133.40 BY: LJF CC: 27827
REV. 2-25-96 KING PROJ. AT JACKSON, HARRISON & MARKET STREET BY: LJF CC:WITT/WWW	REV. 4-26-99 INSTALLED GATES & SIGNALS AT MP. 133.40 BY: LJF CC: 27828
REV. 9-6-96 LS. 8-16-96 ACES BY: JT	REV. 9-24-99 ADD NEW ATT. ON BLK #20 BY: MJK/LMJ 12-28-94 JGB/WAR
REV. 10-17-96 INSTALL KING PUSH BUTTONS PER TRACK PLAN BY: LJF 9-30-96 TTC/RBA CC:CTC	REV. 12-7-00 REMOVE NEW ATT. ON BLK #20 BY: MJK/LMJ 12-28-94 JGB/WAR
REV. 01-23-97 MAP UPDATED PER HARD COPY IN DRAWER. 01-23-97 WJB/CDM	REV. 7-16-01 INSTALL ELS/GATES & SIGNALS WITH WARNING SIGNS AT MP. 133.40 BY: LJF CC: 24050
REV. 4-27-98 ADD NEW ATT. ON BLK #20 BY: MJK/LMJ 12-28-94 JGB/WAR	JTB / /CTC/JNM 8-29-02
REV. 4-27-98 ADDED NEW BATTERY BY: MJK/LMJ CC:CTC/JNM	INSTALL ELS/GATES & SIGNALS WITH WARNING SIGNS AT MP. 133.40 BY: LJF CC: 08534
REV. 8-25-98 ADDED NEW AT HENSON, CLINTONT & MARKET ST. AT MP. 134.25 TO MATCH ATT. 17A28, 17A27, 17A26 BY: LJF 6-2-98 CC:WITT/GAB/SJE	/ /JNM/PBT&RPS




SOUTHBOUND
TO VILLA GROVE
TO 81ST STREET
SIG 1395
R
Y
G
75CT
120 OR 180CT
SW
SIG 1365R
SIG 1365L
C2
C7
SIG 1343R-L
R/R
R/L
Y/R
G/R
C8
C4
LUNAR
BONGARD
BLOCK
SIDNEY
SB 15,925' -0.24 76 143T
SB 12,700' +0.25 74.7 143T
SB 7,075' +0.16 50.1 143T
M.P.139.6
1395
1396
M.P.138.0
TR 275B C.M.P. 137.80
TR 269A (C.R. 600 N) M.P. 136.70
6'6"X8'4" M.P.136.6 UAEK-S5
1365R
1365L
1366
TR 265B (C.R. 700 N) M.P. 135.60
4'X4' M.P.135.5 RRH-S5
6'X8'
PROGRAM ID: RRH-S5
6'6"X8'4" M.P.134.2 UAEK-S5
1342L
1342R
1343
FAS-522 M.P. 133.80
TR-249B M.P. 133.45
ST
R/B
NT
B
1T
R
EC4H
WT
#16
O1T
A1342T (AC-DC)
X
NB 15,375' +0.23 83.8 143T
N.B. 15,291' +0.22 83.2 143T
NB 12,700' -0.23 65.7 143T
N.B. 12,784' -0.21 66.4 143T
NB 7,200' -0.14 45.9 143T
SIG 1396
SIG 1366
R/R
Y/R
FY/R
G/R
R/L
SIG 1342LA-B
Y/Y
C3
SIG 1342R
FY
= IN
= OUT
CTC/JMW 11-15-06
CTC/JMW 11-15-06
CTC/JMW 03-30-06
= EXISTING, REVISE ORIGINAL IF A.C.'d
AK (CODE 5) TO M.P.132.9
NORTHBOUND
CONNECTS ON DWG. 132.9 SH AS2
LEGEND: SIGNAL ASPECTS
FR = FLASHING RED
R = RED
L = LUNAR
Y = YELLOW
FY = FLASHING YELLOW
G = GREEN
R/R = DENOTES 2 UNIT SIGNAL
N = DENOTES NORMAL SWITCH
R = DENOTES REVERSE SWITCH
INSTALL FLS/GATES & CONSTANT WARNING AT TR 265B M.P.135.60 A.F.E. 59237
INSTALL FLS/GATES & CONSTANT WARNING ON TR 269A M.P.136.70 A.F.E. 59236
INSTALL FLS/GATES & CONSTANT WARNING ON TR 275B M.P.137.80 A.F.E. 57015
11-15-06
03-30-06
JJL2
/CTC/RCD
/CTC/JMW
REV. 2-1-99 CONNECTION TRACK TO NS AT M.P.132.9 PER FIELD AC 12-15-98 CAC/CDL/NST/RCB
UNION PACIFIC
QUALITY PRODUCTIVITY SAFETY
SIGNAL DESIGN
DES: NST
DIG: NST
CHK: CDL
A.F.E. 29530
ID= 030113290.AS1
UNION PACIFIC RAILROAD
81ST STREET, ILLINOIS
TO VILLA GROVE, ILLINOIS
C.T.C. CIRCUITS
OFFICE OF CHIEF ENG'R
OMAHA NEBR.
DATE 1-28-98
SHEET AS1
DWG 132.9
S-301-M
DESIGN LEVEL 1
CHICAGO SUBDIVISION
ASPECT CHART
M.P.126.0 TO M.P.139.6



CONSTRUCTION NOTE:

1. INSTALL (1)-DC ISOLATION UNIT (P/N: 8A465-6) ON ST TRACK AT THIS LOCATION.

= IN
= OUT
CTC/JMW 11-15-06

= IN
= OUT
CTC/JMW 11-15-06

= IN
= OUT
CTC/JTW

BLOCK, ILLINOIS
END OF SIDING
SIGNALS 1365/1366
M.P. 136.60
VILLA GROVE SUBDIVISION

5	11-15-06	INSTALL FLS/GATES & CONSTANT WARNING AT TR 2658 M.P. 135.60 A.F.E. 59237 — JTL — /CTC/RDD
4	11-15-06	INSTALL FLS/GATES & CONSTANT WARNING AT TR 2659A M.P. 136.70 A.F.E. 59235 — JTL — /CTC/RDD
3	03-30-06	INSTALL FLS/GATES & CONSTANT WARNING AT TR 2726 M.P. 137.80 A.F.E. 57015 — RLT — /CTC/RDD

UNION PACIFIC — QUALITY PRODUCTIVITY SAFETY — SIGNAL DESIGN

DES:	CTC
DIG:	CTC
CHK:	RLT
A.F.E.	57015
ID= 030113660.1S	

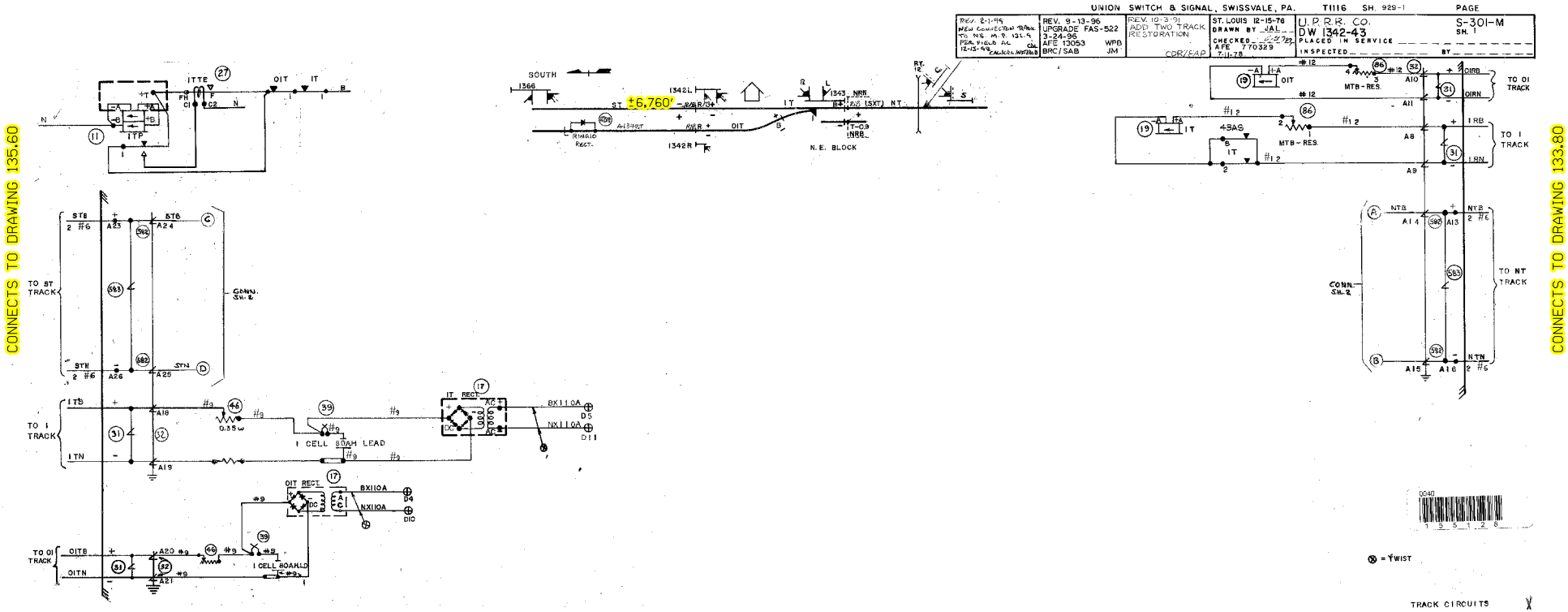
UNION PACIFIC RAILROAD

81ST STREET, ILLINOIS TO
VILLA GROVE, ILLINOIS
C.T.C. CIRCUITS

Office of AVP Engineering - Design — Omaha, Nebraska

DATE 03-30-06
SHEET 1
DWG 136.60
S-301

TIF ID= 030113660.1S.TIF



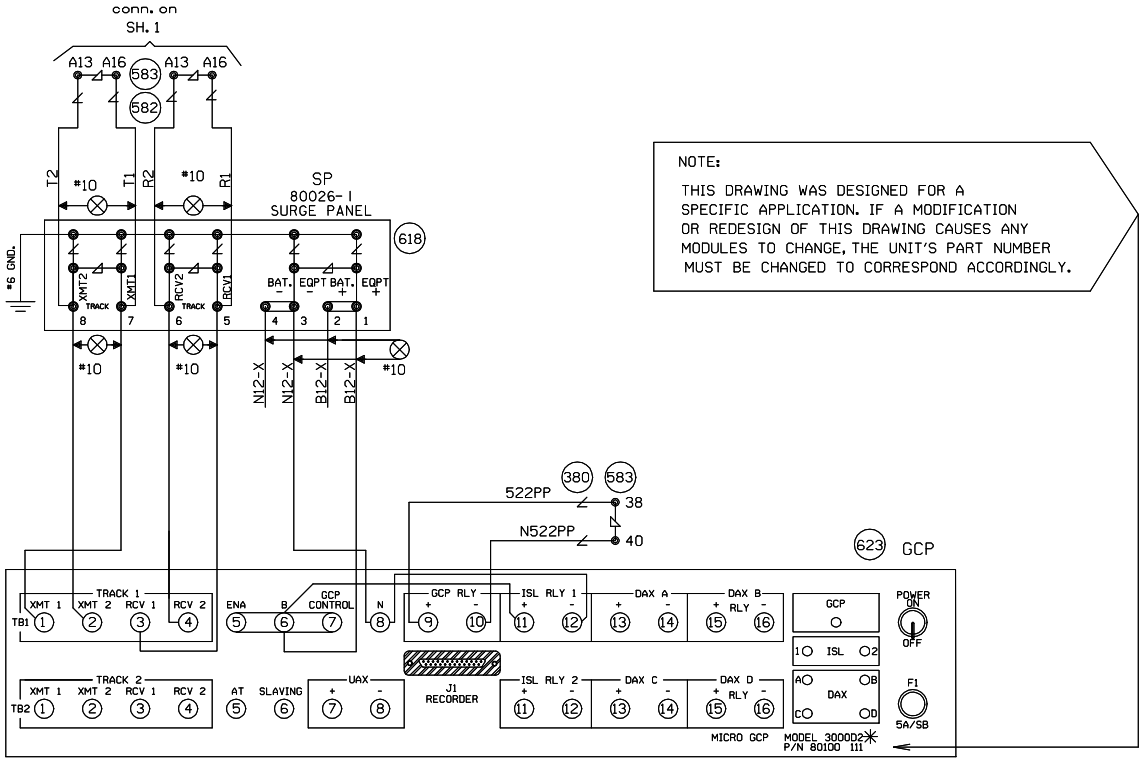
= IN

CTC/JMW

BLOCK, ILLINOIS
END OF SIDING
SIGNALS 1342L/R & 1343
M.P. 134.24
VILLA GROVE SUBDIVISION

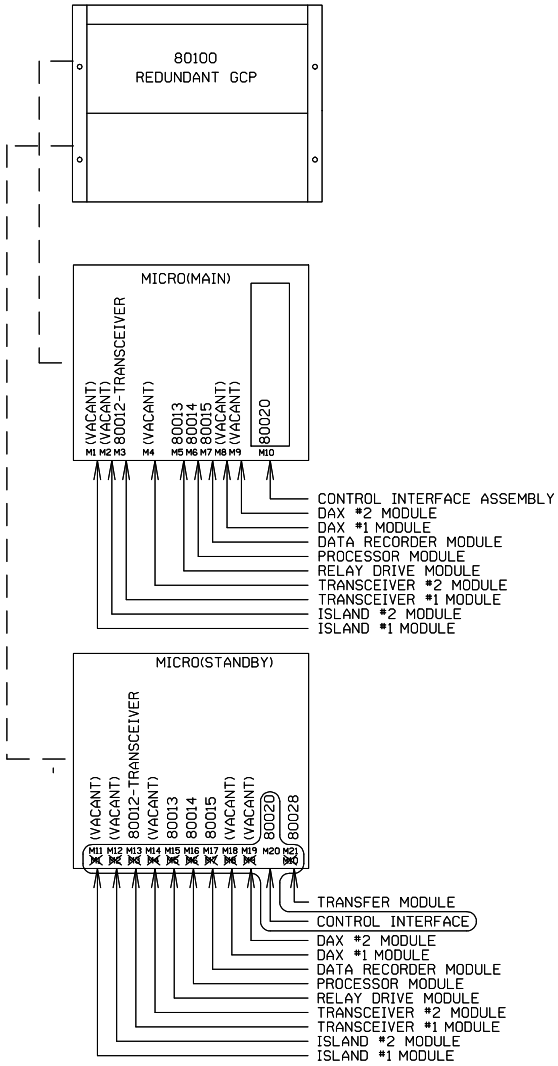
5 11-15-06 INSTALL FLS/GATES & CONSTANT WARNING AT TR 265B M.P. 135.60 A.F.E. 59237 JJL /CTC/RDD	UNION PACIFIC QUALITY PRODUCTIVITY SAFETY SIGNAL DESIGN	DES: CTC DIG: CTC CHK: A.F.E. 59237 ID= 030113424.1S	UNION PACIFIC RAILROAD 81ST STREET, ILLINOIS TO VILLA GROVE, ILLINOIS C.T.C. CIRCUITS Office of AVP Engineering - Design Omaha, Nebraska	DATE 11-15-06 SHEET 1 DWG 134.24 S-301

TIF ID= 030113424.1S.TIF



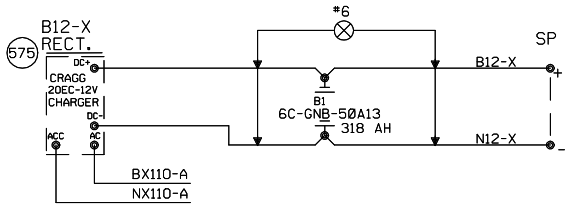
NOTE:

THIS DRAWING WAS DESIGNED FOR A SPECIFIC APPLICATION. IF A MODIFICATION OR REDESIGN OF THIS DRAWING CAUSES ANY MODULES TO CHANGE, THE UNIT'S PART NUMBER MUST BE CHANGED TO CORRESPOND ACCORDINGLY.



✳ = RECORDER INTERFACE UNIT, 80025, IS REQUIRED TO RECORD EXTERNAL RELAY FUNCTIONS

NOTE: EACH TRANSMITTER TO RAIL WIRE FROM TB1-1 AND TB1-2 MUST NOT EXCEED THE MAXIMUM LENGTH SPECIFIED IN THE TABLE SHOWN BELOW. THE RECEIVER WIRE LENGTH IS NOT CRITICAL. DOES NOT APPLY TO 6 TRACK WIRE APPLICATION.



"Mf" FREQUENCY (HZ)	MAXIMUM TRANSMIT WIRE LENGTH (FEET)
86	100
114	125
156	150
211	200
285-~~790~~ 970	250

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

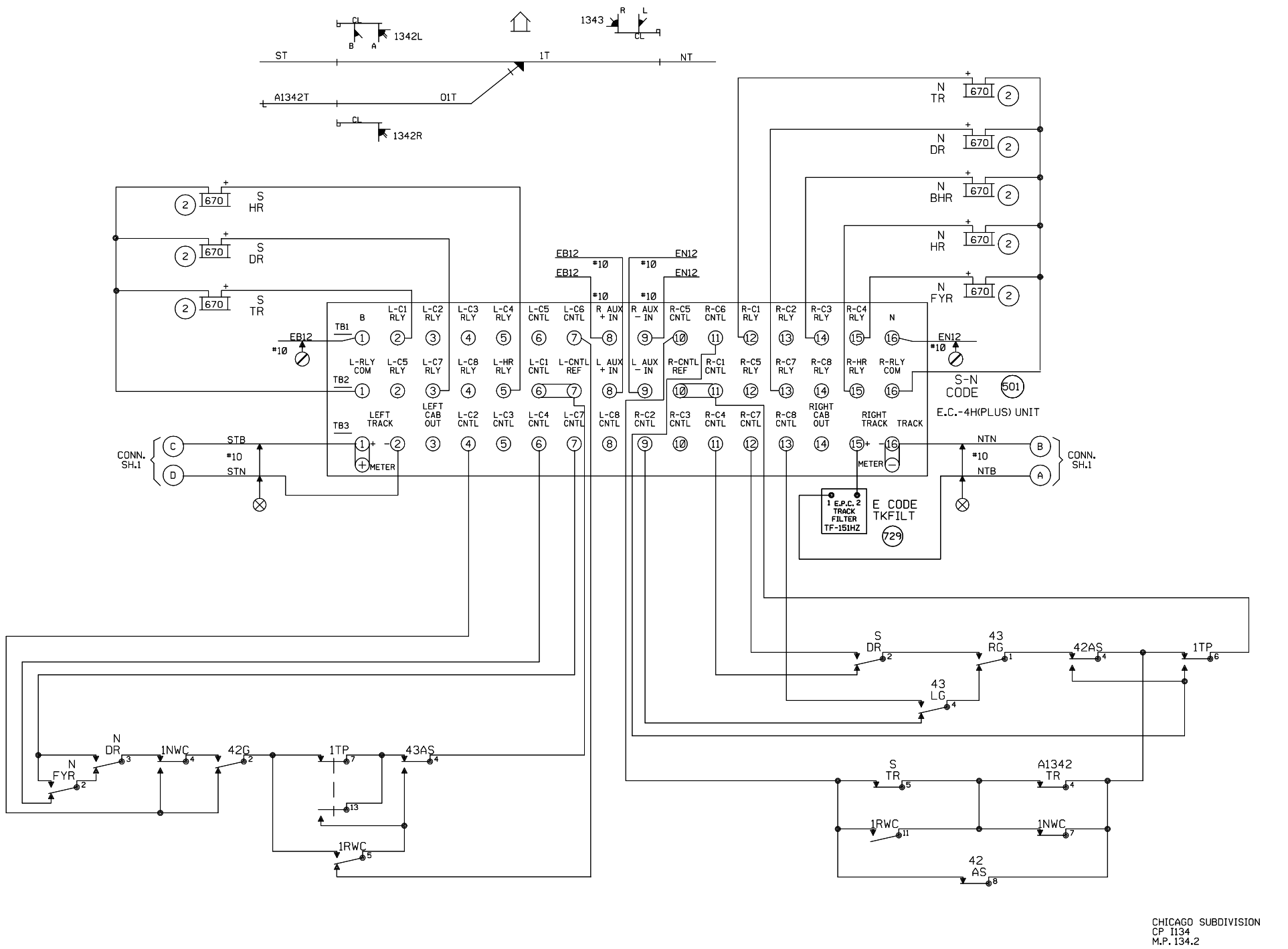
= IN CTC/JMW

N.E. BLOCK. ILLINOIS
SIGNAL 1342-43
M.P. 134.2-3
CHICAGO SUBDIVISION
D.O.T.#
PROJ.#

SAFETRAN DWG. NO. AD87032

1 11-15-06 INSTALL FLS/GATES & CONSTANT WARNING AT TR 265B M.P. 135.60 A.F.E. 59237 JJL /CTC/RDD	MODIFICATION LEVEL		UNION PACIFIC QUALITY PRODUCTIVITY SAFETY SIGNAL DESIGN	DES: JM	UNION PACIFIC RAILROAD 81ST ST., CHICAGO, ILLINOIS TO CHAP, ILLINOIS C. T. C. CIRCUITS	DATE 2-13-96
	Q.A. LAST LEVEL CHK'D.	AU		DIG: JM		SHEET 1A
	LAST LEVEL MOD. THIS TYP.	AU		CHK: WPB		DWG 134.2-3
	LAST LEVEL BY DESIGNER.	00		A.F.E. 13053		
	CHANGED FROM TYP.? Y/N	Y		ID=030113420.1A;1	OFFICE OF CHIEF ENG'R OMAHA NEBR.	S-301-M

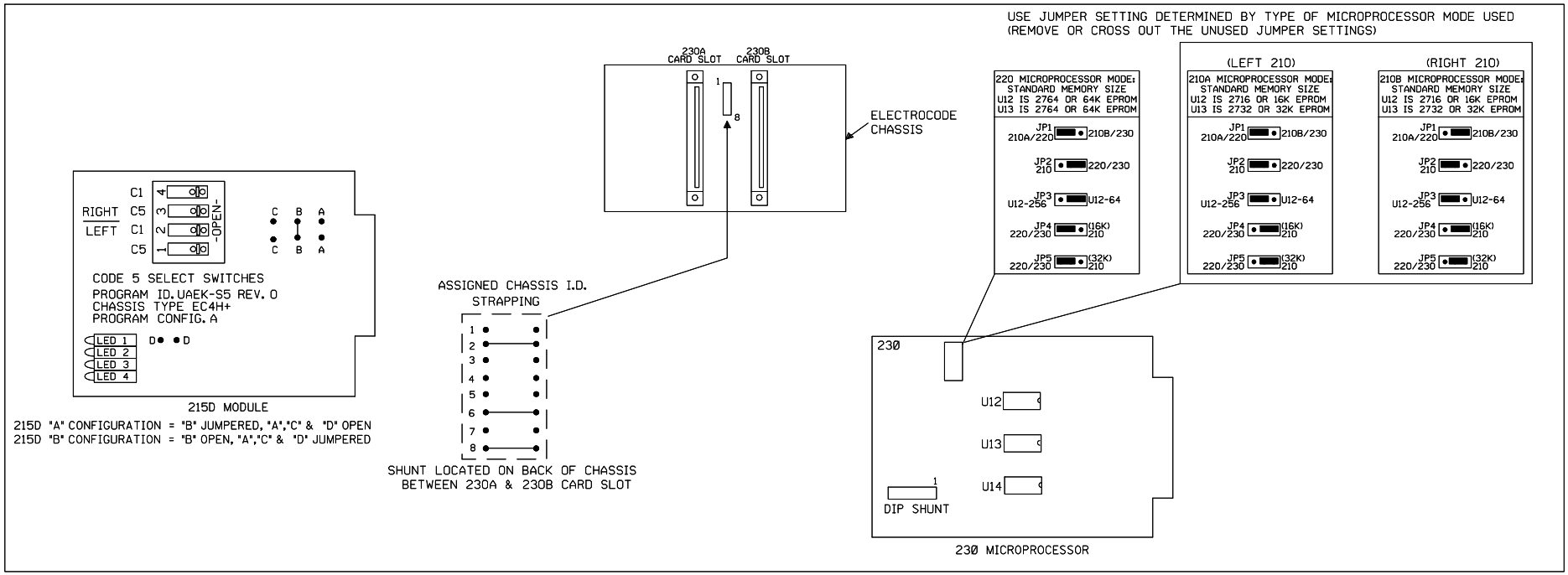
(REV. 6-1-94) (3K1TKBFC.3)



CHICAGO SUBDIVISION
CP I134
M.P. 134.2

3 11-15-06 M.P. 135.60 A.F.E. 59237 / /CTC/RDD	2 REV. 5-16-00 ADDED GATES AND CONSTANT WARNING DEVICE M.P. 133.45 W.O. #30982 3-22-00 JJF EB/WITT/HMM/JNM	REV. 2-1-99 NEW CONNECTION TRACK TO NS M.P. 132.9 PER FIELD AC 12-15-98 CAC/CDL/NST/RCB	MODIFICATION LEVEL		UNION PACIFIC QUALITY PRODUCTIVITY SAFETY SIGNAL DESIGN	DES: NST DIG: NST CHK: CDL A.F.E. 29530 ID= 030113424.2	UNION PACIFIC RAILROAD 81ST STREET, ILLINOIS TO CHAP, ILLINOIS C.T.C. CIRCUITS OFFICE OF CHIEF ENG'R SIGNALS OMAHA NEBR.	DATE 3-6-98 SHEET 2 DWG 1342-43 S-301-M
			Q.A. LAST LEVEL CHK'D.	CF				
			LAST LEVEL MOD. THIS TYP.	CF				
			LAST LEVEL BY DESIGNER.	CH				
			CHANGED FROM TYP.? Y/N	Y				

(REV. 11/15/97) (RHE4CGP.3)



CHICAGO SUBDIVISION
CP I134
M.P. 134.2

				2 11-15-06 M.P. 135.60 A.F.E. 59237 / /CTC/RDD	REV. 2-1-99 NEW CONNECTION TRACK TO NS M.P. 132.9 PER FIELD AC 12-15-98 CAC/CDL/NST/RCB	MODIFICATION LEVEL		UNION PACIFIC QUALITY PRODUCTIVITY SAFETY SIGNAL DESIGN	DES: NST DIG: NST CHK: CDL A.F.E. 29530 ID= 030113424.2A	UNION PACIFIC RAILROAD 81ST STREET, ILLINOIS TO CHAP, ILLINOIS C.T.C. CIRCUITS OFFICE OF CHIEF ENG'R SIGNALS OMAHA NEBR.	DATE 3-6-98 SHEET 2A DWG 1342-43 S-301-M
						Q.A. LAST LEVEL CHK'D.	CF				
						LAST LEVEL MOD. THIS TYP.	CF				
						LAST LEVEL BY DESIGNER.	CG				
						CHANGED FROM TYP.? Y/N	Y				

(REV. 11/15/97) (RHE4CGP.4A)