

C.F.B.G
QZ

MT 1

1-318 ∞

1-319

2-316 ∞

2-317

MT 2

TOWNLIN RD.

FRANCIS RD. (MP 30.18)
608963E

CAB SIGNAL (ACS) TERRITORY

30.5

31

31.5

MAXIMUM AUTHORIZED SPEED (PSGR. / FREIGHT)

79/30

65/30

79/30

ROADWAY WORKER PROTECTION

TRACK AND TIME
FORM B, D
LOOKOUT
ITD

← ROCK ISLAND ROAD DISPATCHER (AAR CHANNEL 82) →
(312) 322-2856

TANGENT

4 1/8"

2'08"

-0.51

-0.48

-0.52

HICKORY CREEK
608964B

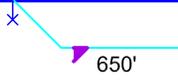
SCHOOLHOUSE RD.
BR. 320

608200T

MARLEY RD. (MP 32.95)

MT 1

MT 2



1-319
2-317

CAB SIGNAL (ACS) TERRITORY

32

32.5

33

MAXIMUM AUTHORIZED SPEED (PSGR. / FREIGHT)

79/30

79/30

ROADWAY WORKER PROTECTION

TRACK AND TIME
FORM B, D
LOOKOUT
ITD

← ROCK ISLAND ROAD DISPATCHER (AAR CHANNEL 82) →
(312) 322-2856

1 3/4"

0°58'

0°59'

2"

-0.52

-0.37

-0.15

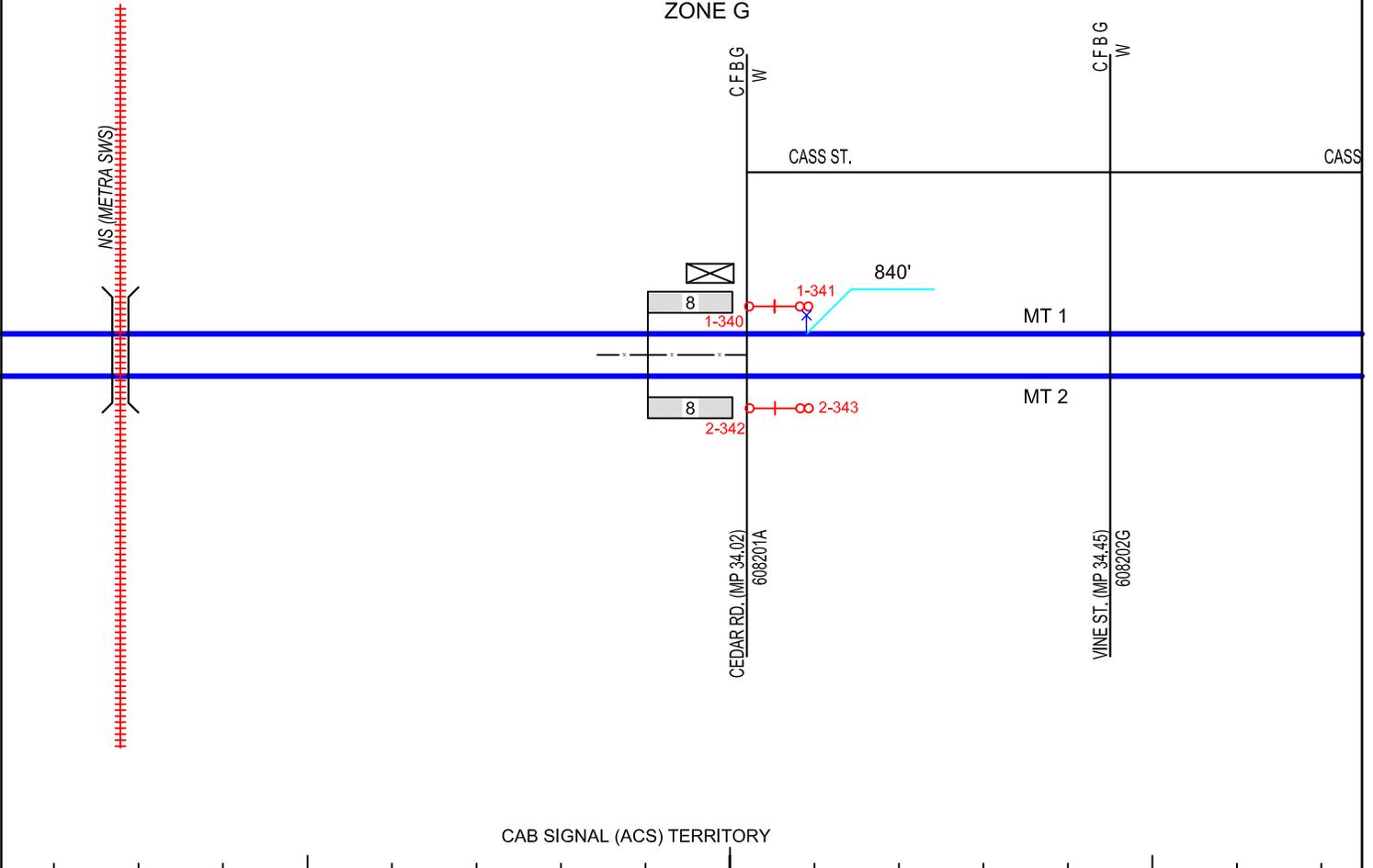
0.00

-0.15

-0.43

-0.62

NEW LENOX STATION
 D, S, R ♿
 300 N. CHURCH STREET
 AGENT HOURS: 5:15AM - 12:40PM
 WAITING ROOM HOURS: 5:00AM - 1:00PM
 TOPS# 340
 STATION CODE 6340
 ZONE G



CAB SIGNAL (ACS) TERRITORY

33.5

34

34.5

MAXIMUM AUTHORIZED SPEED (PSGR. / FREIGHT)

79/30

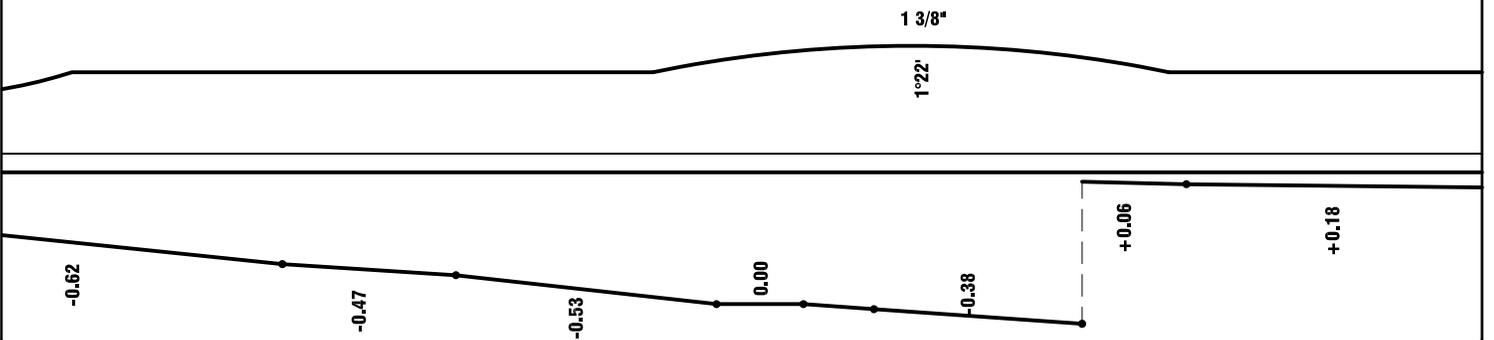
60/30

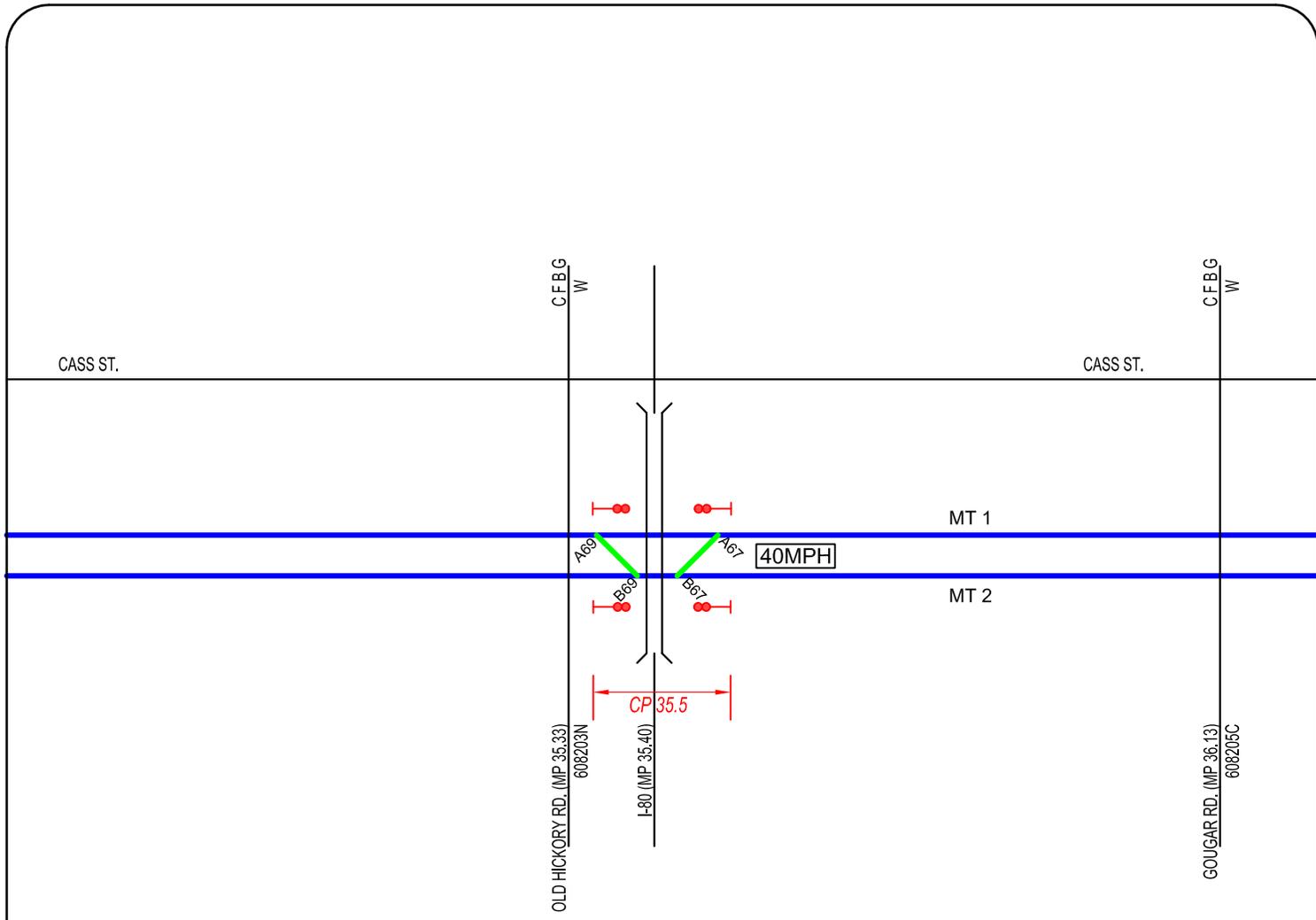
79/30

ROADWAY WORKER PROTECTION

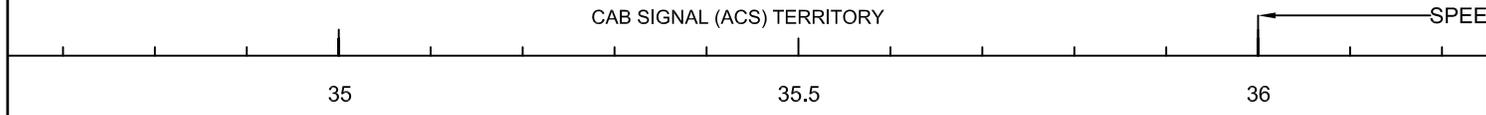
TRACK AND TIME
 FORM B, D
 LOOKOUT
 ITD

← ROCK ISLAND ROAD DISPATCHER (AAR CHANNEL 82) →
 (312) 322-2856





CP 35.5
TOPS #355
CAB SIGNAL (ACS) TERRITORY



MAXIMUM AUTHORIZED SPEED (PSGR. / FREIGHT)



79/30

ROADWAY WORKER PROTECTION

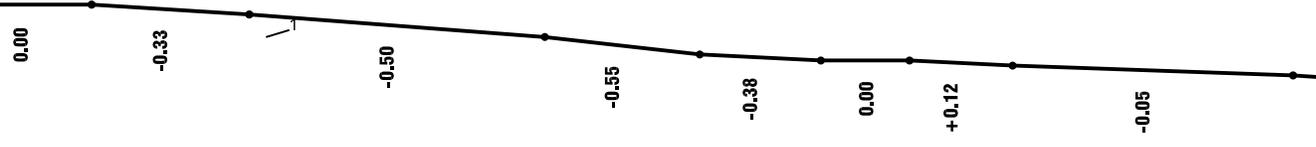
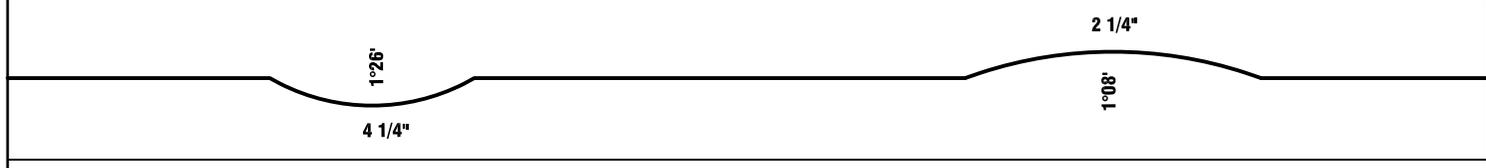


TRACK AND TIME
FORM B, D
LOOKOUT
ITD

FOUL TIME
TRACK AND TIME
LOOKOUT
NO ITD

TRACK AND TIME
FORM B, D
LOOKOUT
ITD

← ROCK ISLAND ROAD DISPATCHER (AAR CHANNEL 82)
(312) 322-2856 →



W

CASS ST.

1-372 + 1-373

MT 1

2-370 + 2-371

MT 2

HICKORY CREEK

000200C

SPEED TEST SECTION

CAB SIGNAL (ACS) TERRITORY

36.5

37

37.5

MAXIMUM AUTHORIZED SPEED (PSGR. / FREIGHT)

70/30

ROADWAY WORKER PROTECTION

TRACK AND TIME
FORM B, D
LOOKOUT
ITD

← ROCK ISLAND ROAD DISPATCHER (AAR CHANNEL 82) →
(312) 322-2856

0°59'
2"

3 1/2"
1°40'

1°49'
3 1/2"

-0.33

-0.45

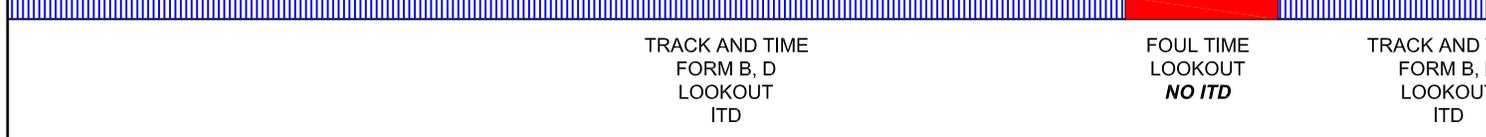
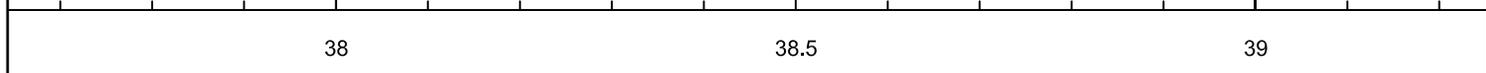
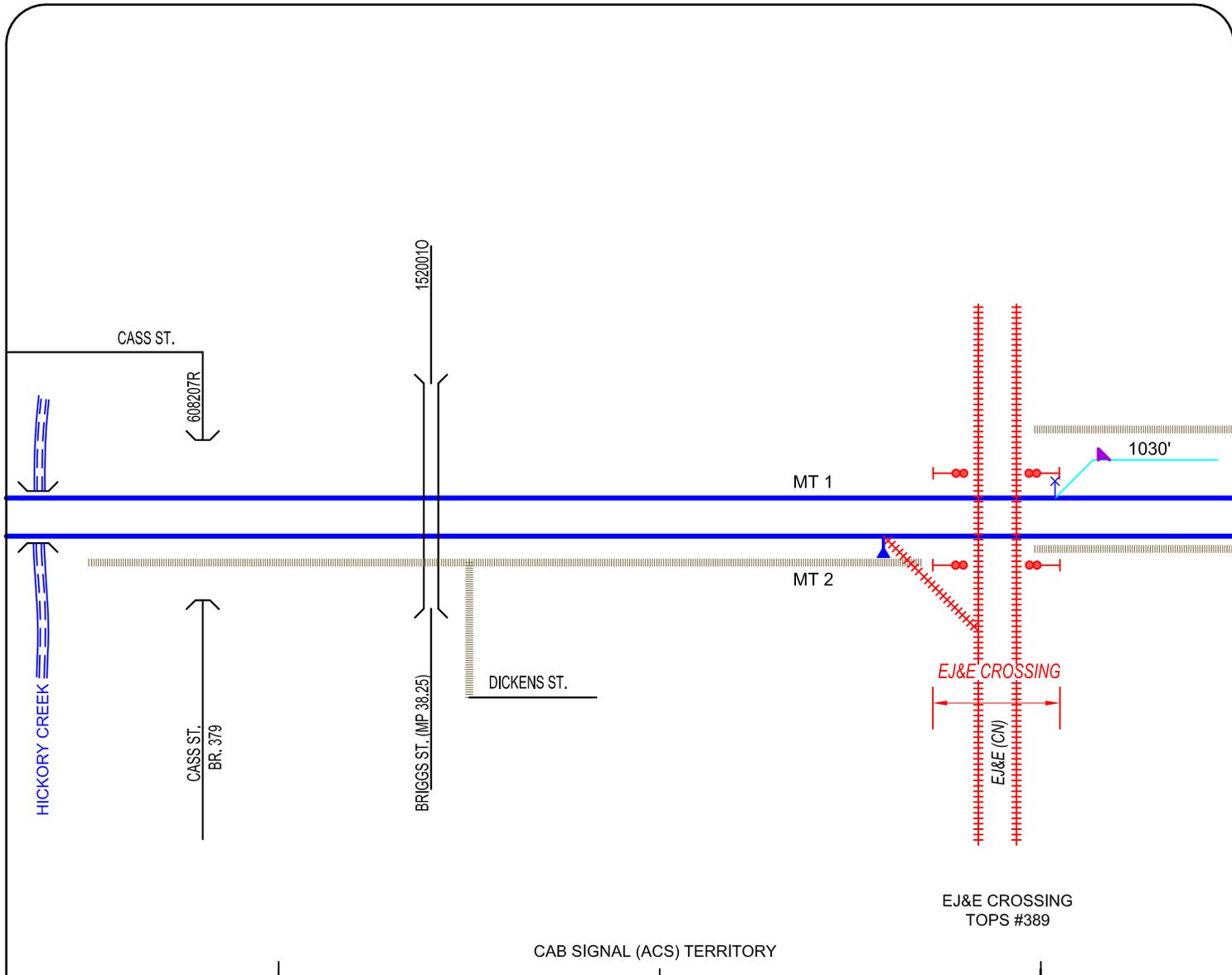
-0.11

0.00

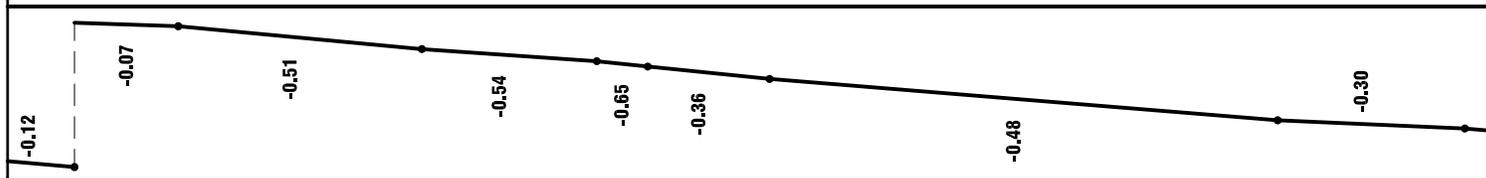
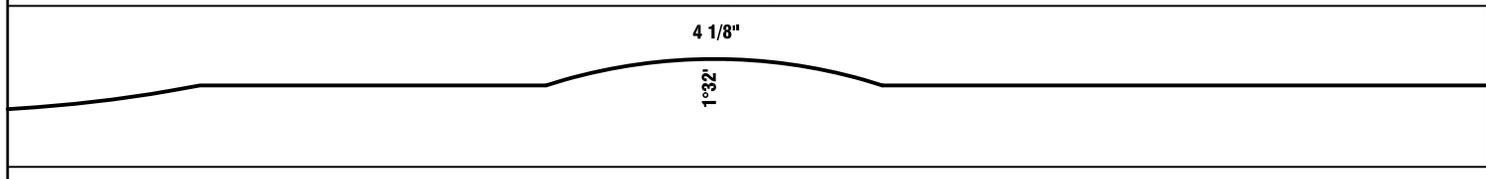
-0.22

-0.48

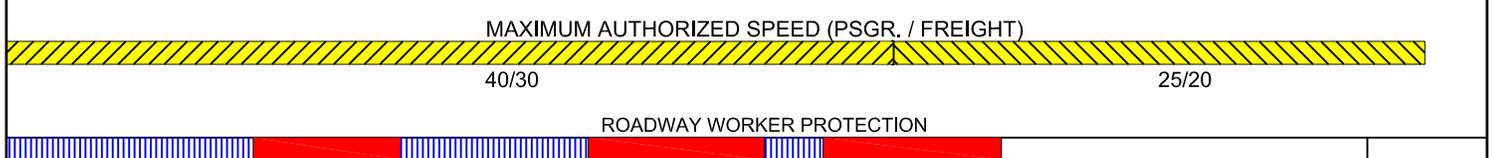
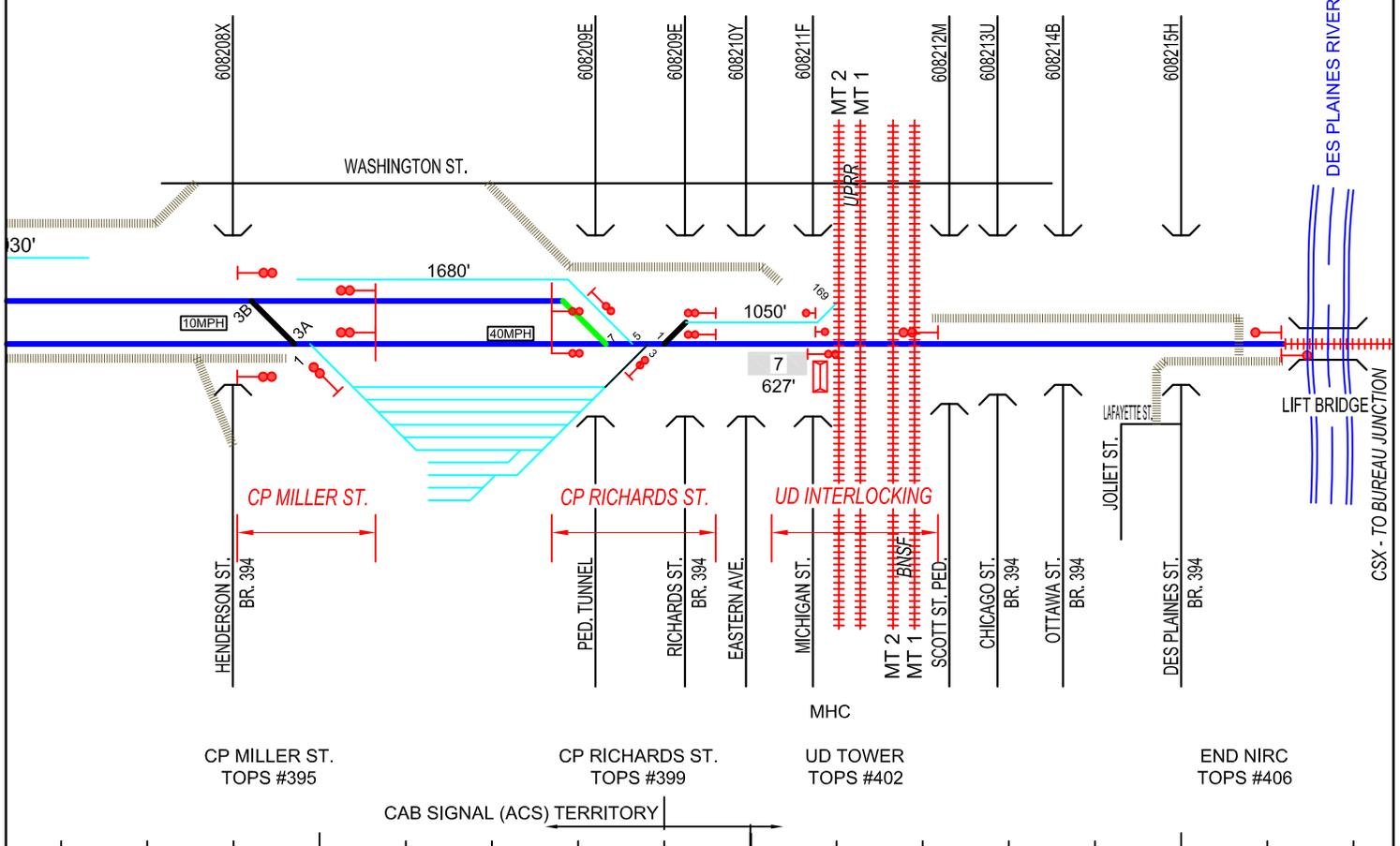
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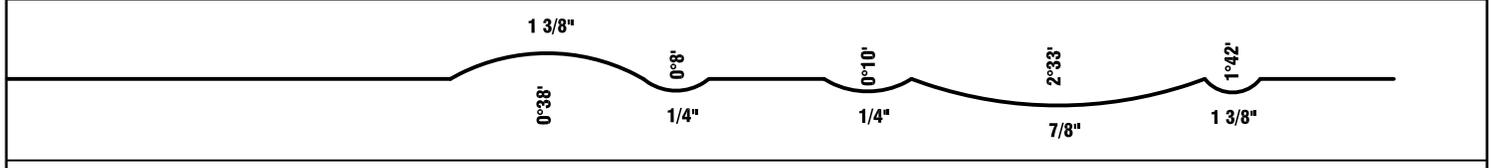
← ROCK ISLAND ROAD DISPATCHER (AAR CHANNEL 82) →
(312) 322-2856



JOLIET STATION
 D, R &
 50 E. JEFFERSON STREET
 AGENT HOURS: 4:30AM - 12:30PM
 WAITING ROOM HOURS: 5:00AM - 8:00PM
 TOPS# 402
 STATION CODE 6402
 ZONE H

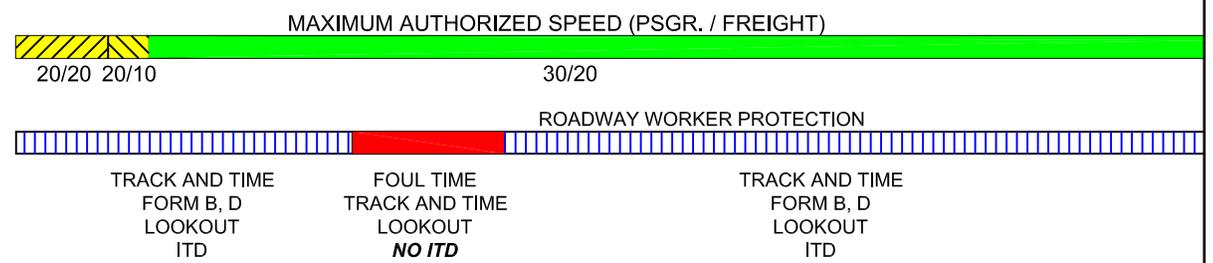
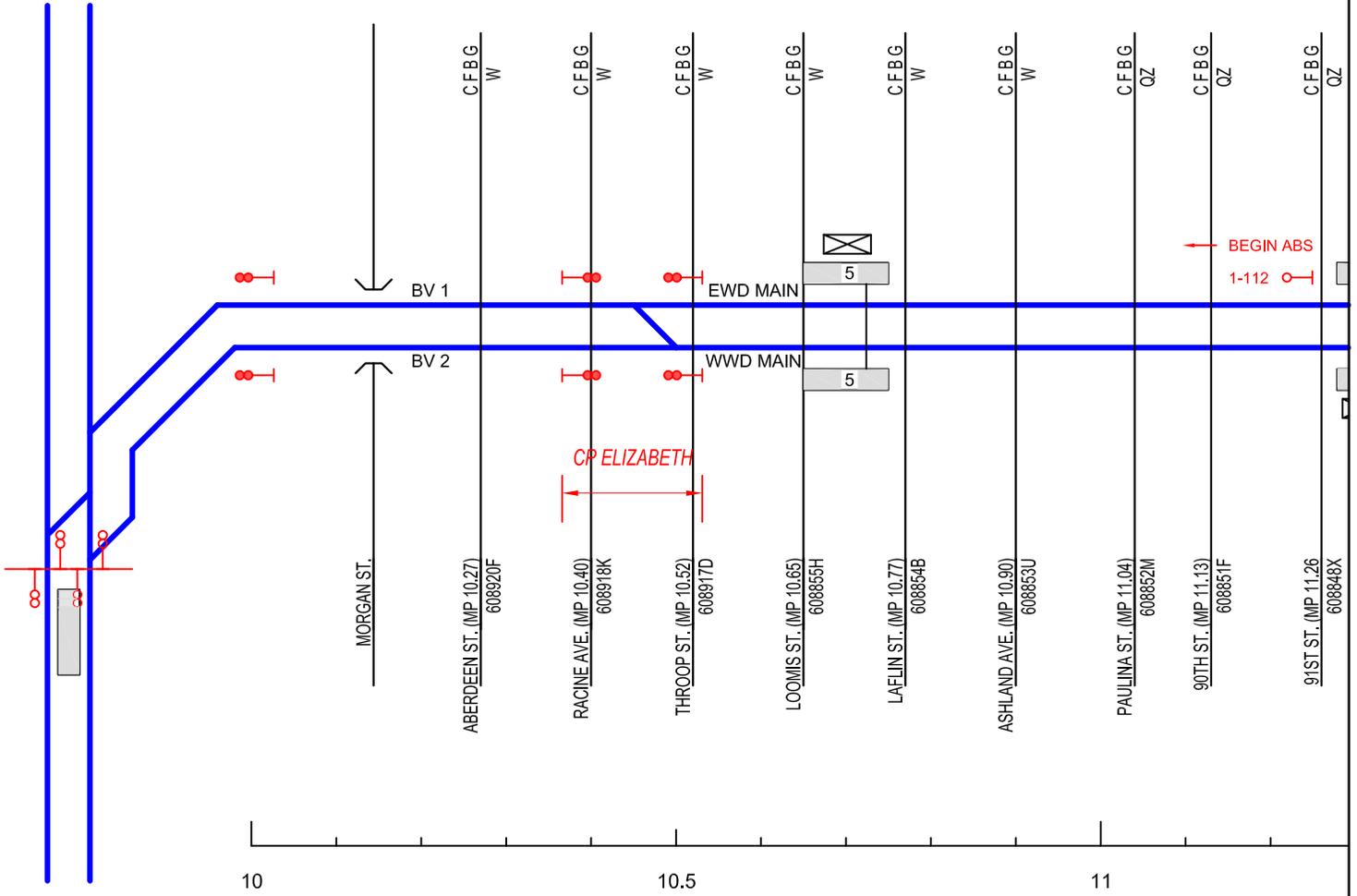


RACK AND TIME FORM B, D LOOKOUT ITD	FOUL TIME TRACK AND TIME LOOKOUT NO ITD	TRACK AND TIME FORM B, D LOOKOUT ITD	FOUL TIME TRACK AND TIME LOOKOUT NO ITD	FOUL TIME LOOKOUT NO ITD	TRACK PERMIT ITD
TRACK AND TIME FORM B, D LOOKOUT, ITD					

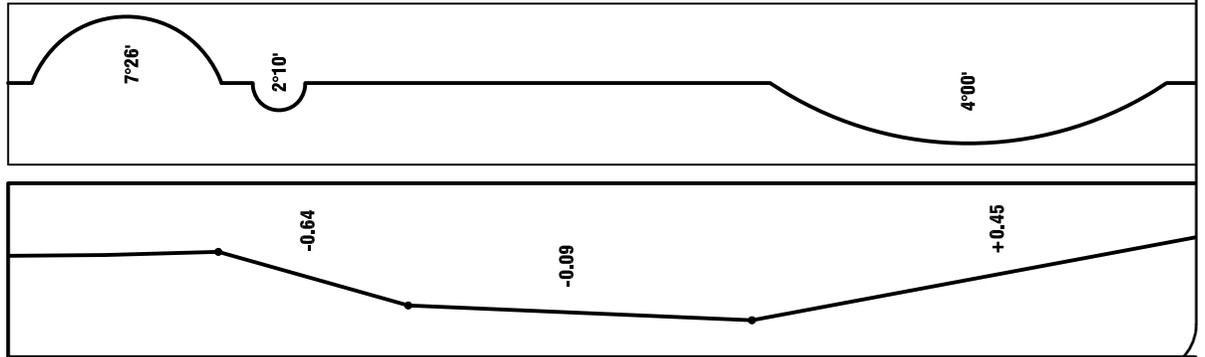


BRAINERD STATION
 WH&
 8901 S. LOOMIS
 NO AGENT
 WAITING ROOM HOURS: 5:00AM - 9:00AM
 TOPS# 106
 STATION CODE 7106
 ZONE C

91ST S
 9105
 WAITIN
 5:30
 STAT



← ROCK ISLAND ROAD DISPATCHER (AAR CHANNEL 82) →
 (312) 322-2856

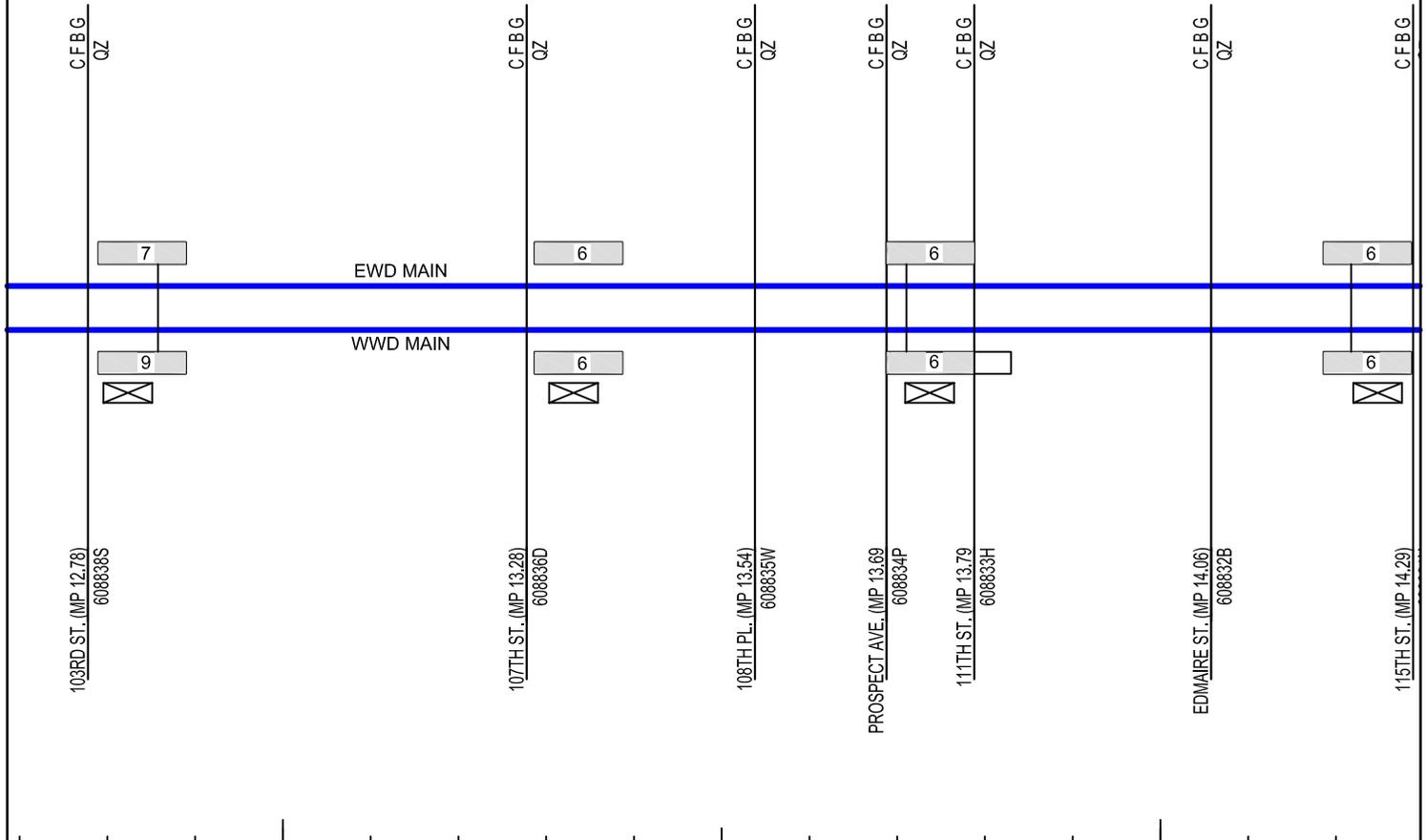


103RD STREET STATION
 D &
 10301 S. WALDEN
 AGENT HOURS: 5:30AM - 12:55PM M-F
 WAITING ROOM HOURS:
 5:30AM - 1:30PM M-F
 TOPS# 128
 STATION CODE 7128
 ZONE C

107TH STREET STATION
 WH
 10301 S. WALDEN
 NO AGENT
 WAITING ROOM HOURS:
 6:00AM - 10:00AM M-F
 TOPS# 133
 STATION CODE 7133
 ZONE C

111TH STREET STATION
 D &
 11046 S. HALE
 AGENT HOURS: 5:15AM - 12:55PM
 WAITING ROOM HOURS:
 5:15AM - 1:15PM M-F
 TOPS# 138
 STATION CODE 7138
 ZONE C

115TH STREET STATION
 WH
 11445 S. HALE
 NO AGENT
 WAITING ROOM HOURS:
 5:15AM - 10:00AM M-F
 TOPS# 143
 STATION CODE 7143
 ZONE C



103RD ST. (MP 12.78)
608838S

107TH ST. (MP 13.28)
608836D

108TH PL. (MP 13.54)
608835W

PROSPECT AVE. (MP 13.69)
608834P

111TH ST. (MP 13.79)
608833H

EDMAIRE ST. (MP 14.06)
608832B

115TH ST. (MP 14.29)

13

13.5

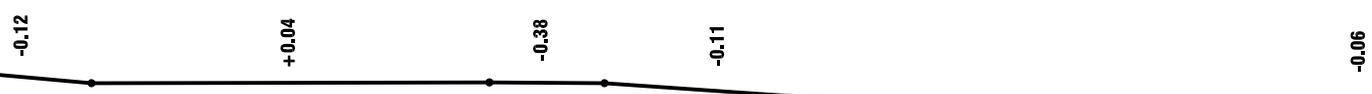
14

MAXIMUM AUTHORIZED SPEED (PSGR. / FREIGHT)

30/20

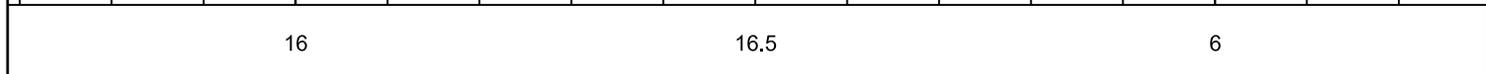
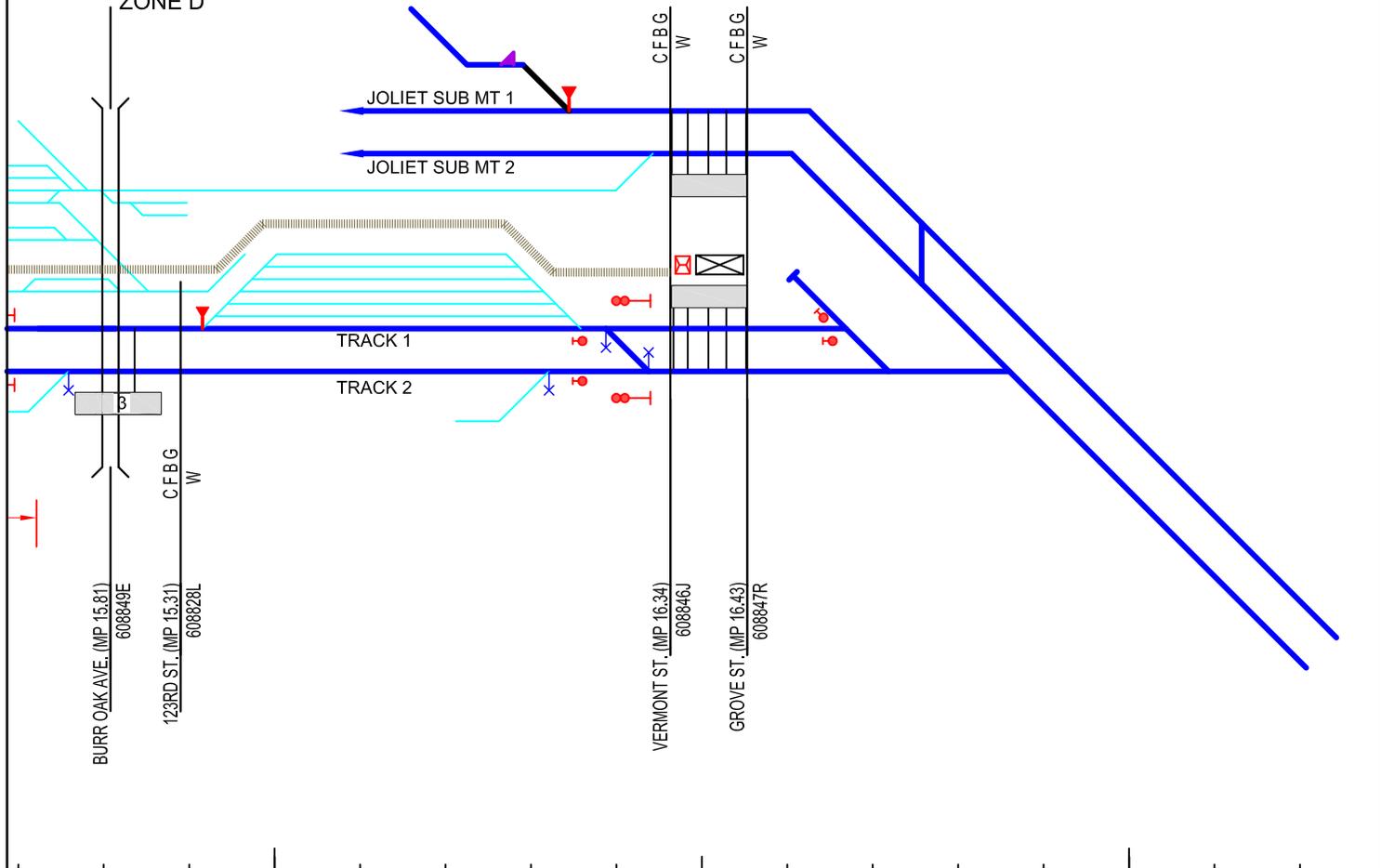
TRACK AND TIME
 FORM B, D
 LOOKOUT
 ITD

← ROCK ISLAND ROAD DISPATCHER (AAR CHANNEL 82) →
 (312) 322-2856



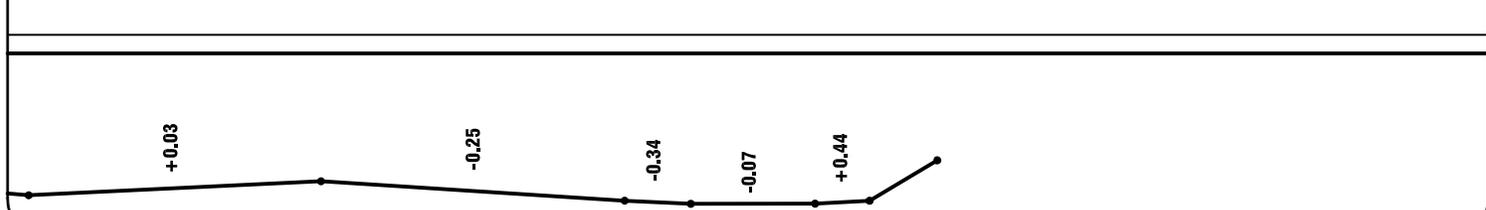
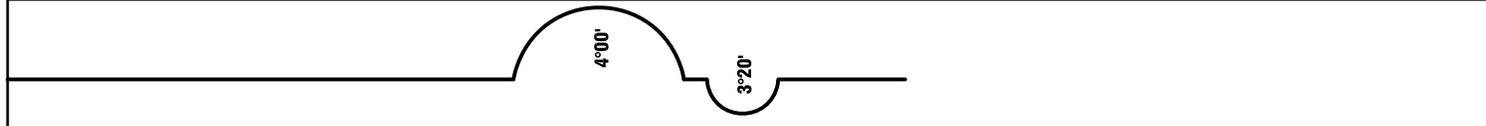
PRAIRIE STREET STATION
 S
 2100 W. PRAIRIE ST.
 NO AGENT
 SHELTER ALWAYS OPEN
 TOPS# 158
 STATION CODE 7158
 ZONE D

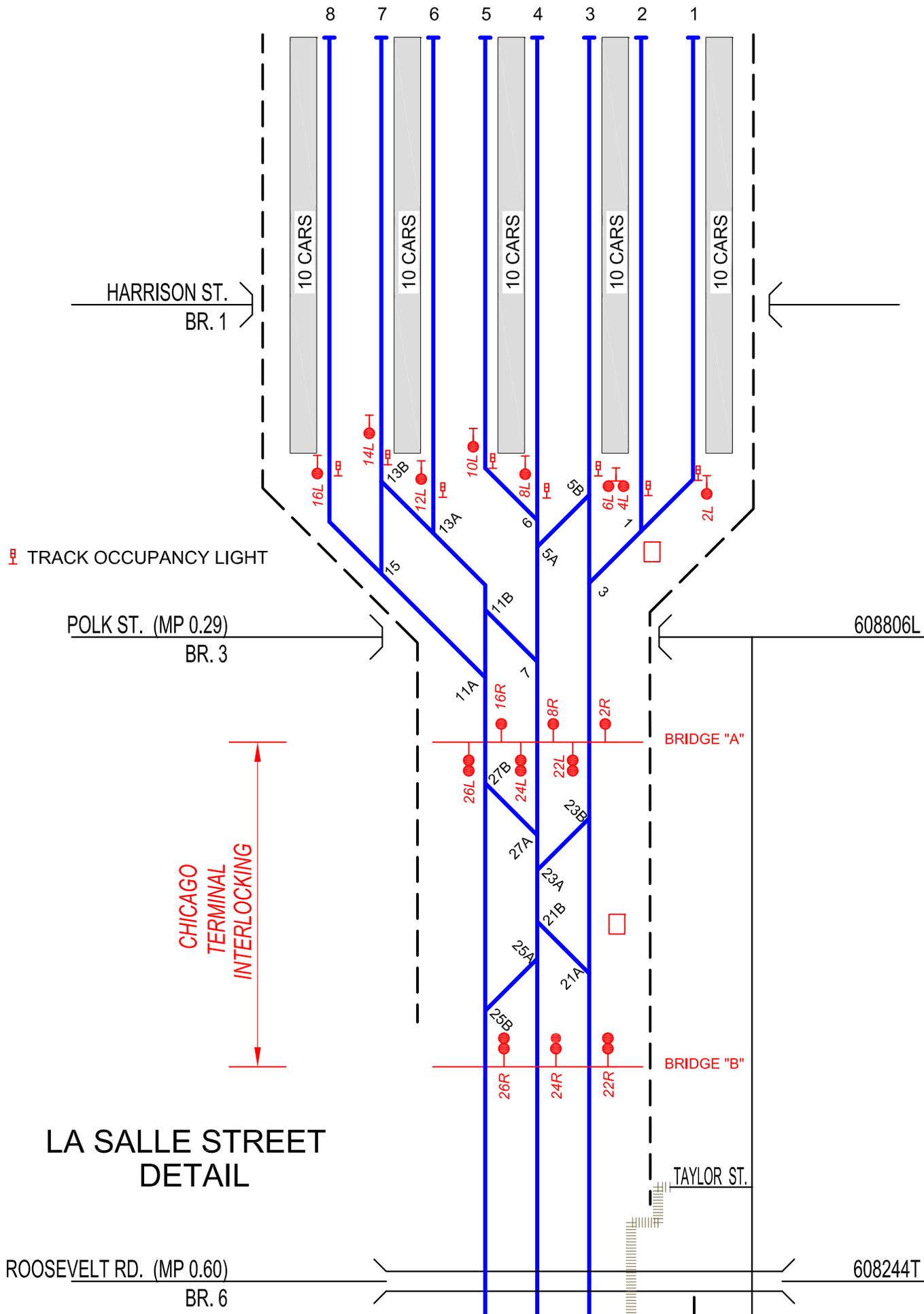
BLUE ISLAND - VERMONT STREET STATION
 D & ♿
 2300 W. GROVE STREET
 AGENT HOURS: 5AM - 12:45PM M-F
 WAITING ROOM HOURS: 5:00AM - 7:00PM
 TOPS #164
 STATION CODE 6157
 ZONE D



TRACK AND TIME FORM B, D LOOKOUT ITD
 FOUL TIME TRACK AND TIME LOOKOUT **NO ITD**

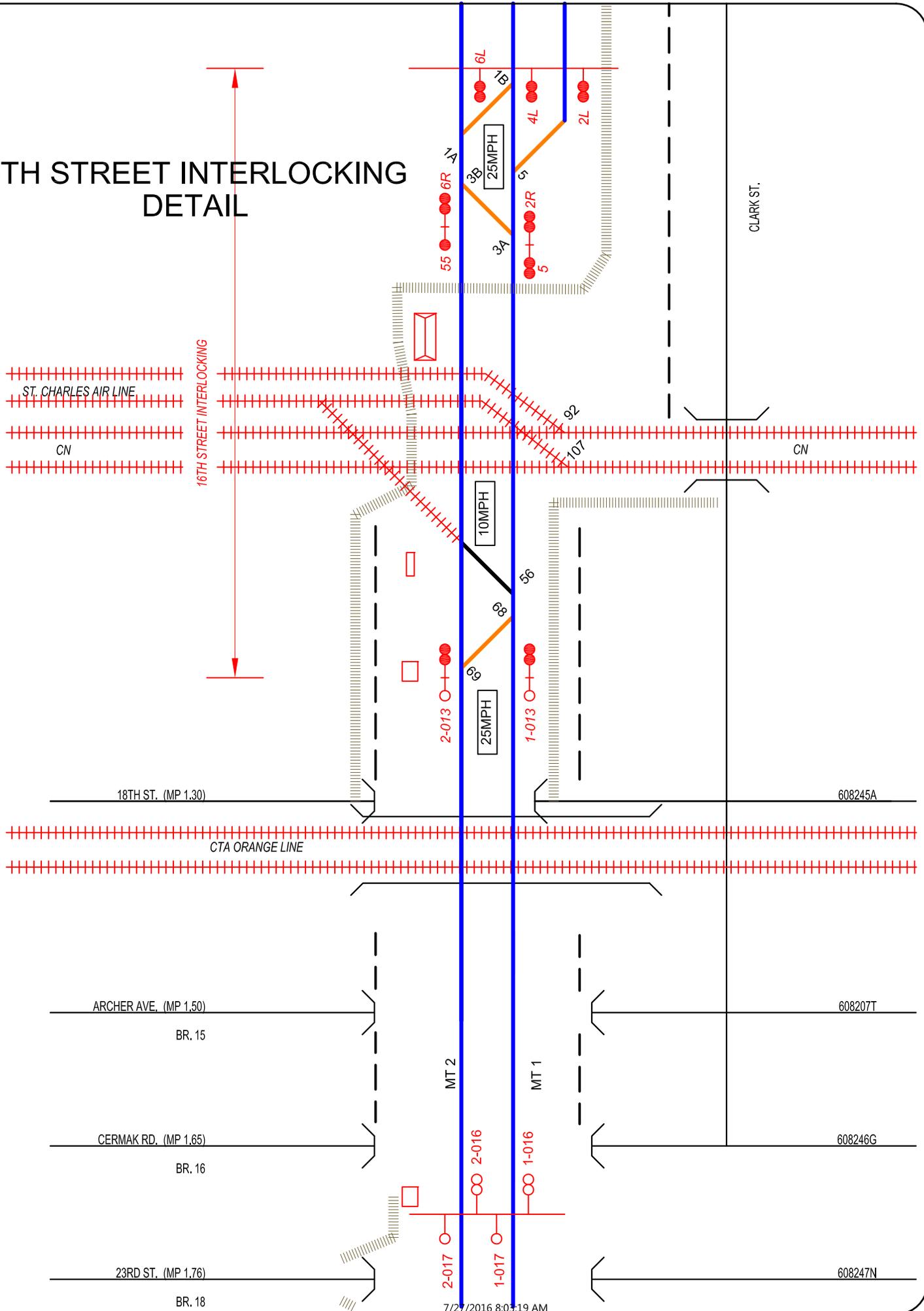
BLUE ISLAND TOWER OPERATOR (708) 388-7434





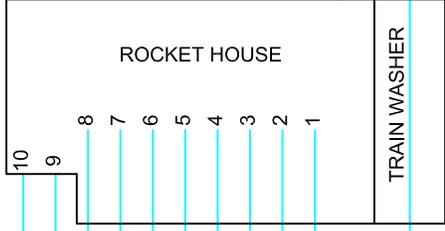
LA SALLE STREET
DETAIL

16TH STREET INTERLOCKING DETAIL

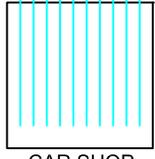


WENTWORTH AVE.

47TH ST.
LOW CLEARANCE



TRANSFER TABLE



BULL SWITCH

FUEL TRACK

UPPER YARD

LOWER YARD

9 8 7 6 5 4 3 2 1

4 3 2 1

51ST ST.
LOW CLEARANCE

OLD WASH TRACK

STORAGE 2
STORAGE 1

TO CHICAGO

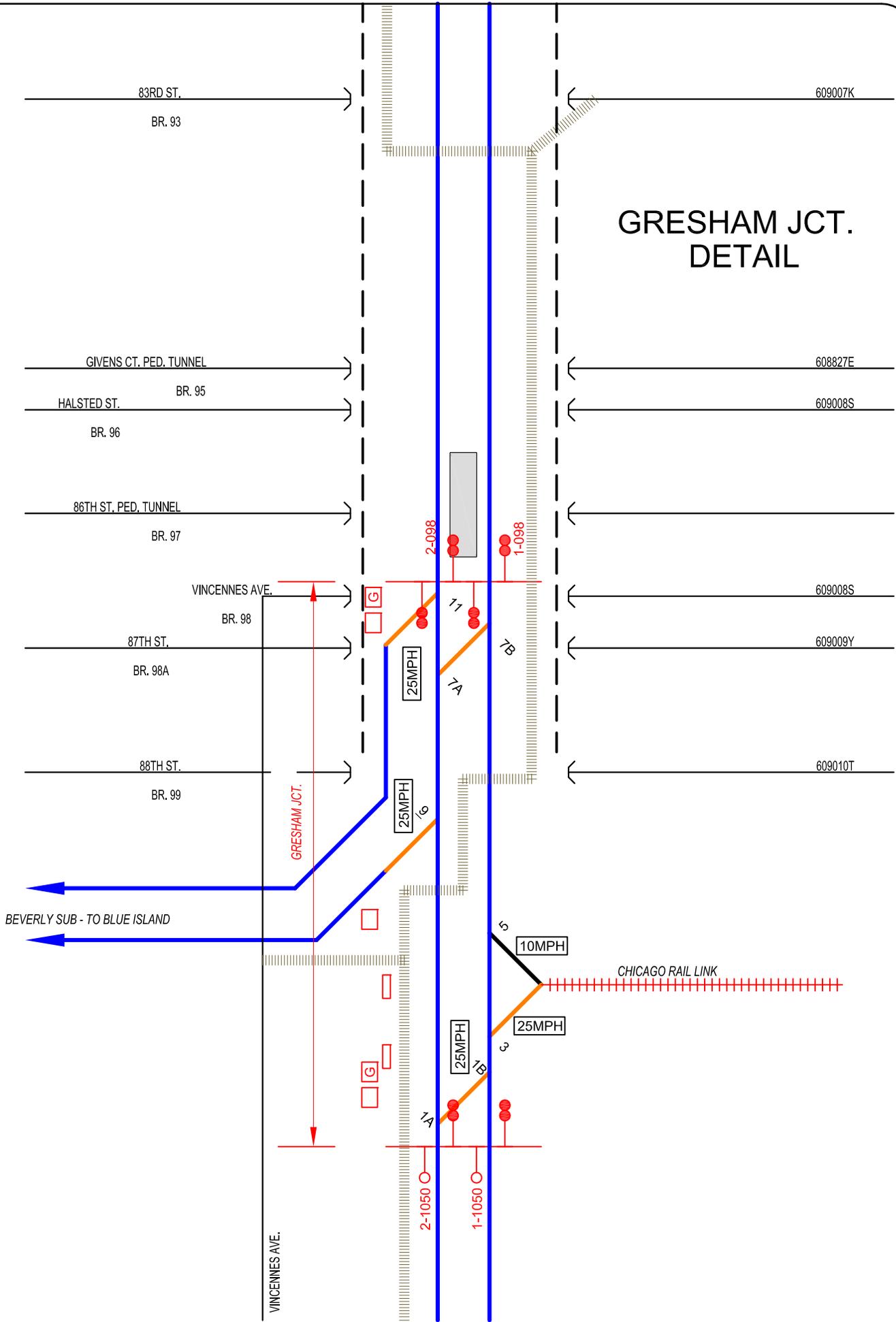
47TH STREET
EMPLOYEE STOP
LIMITED HOURS ONLY

MT 2

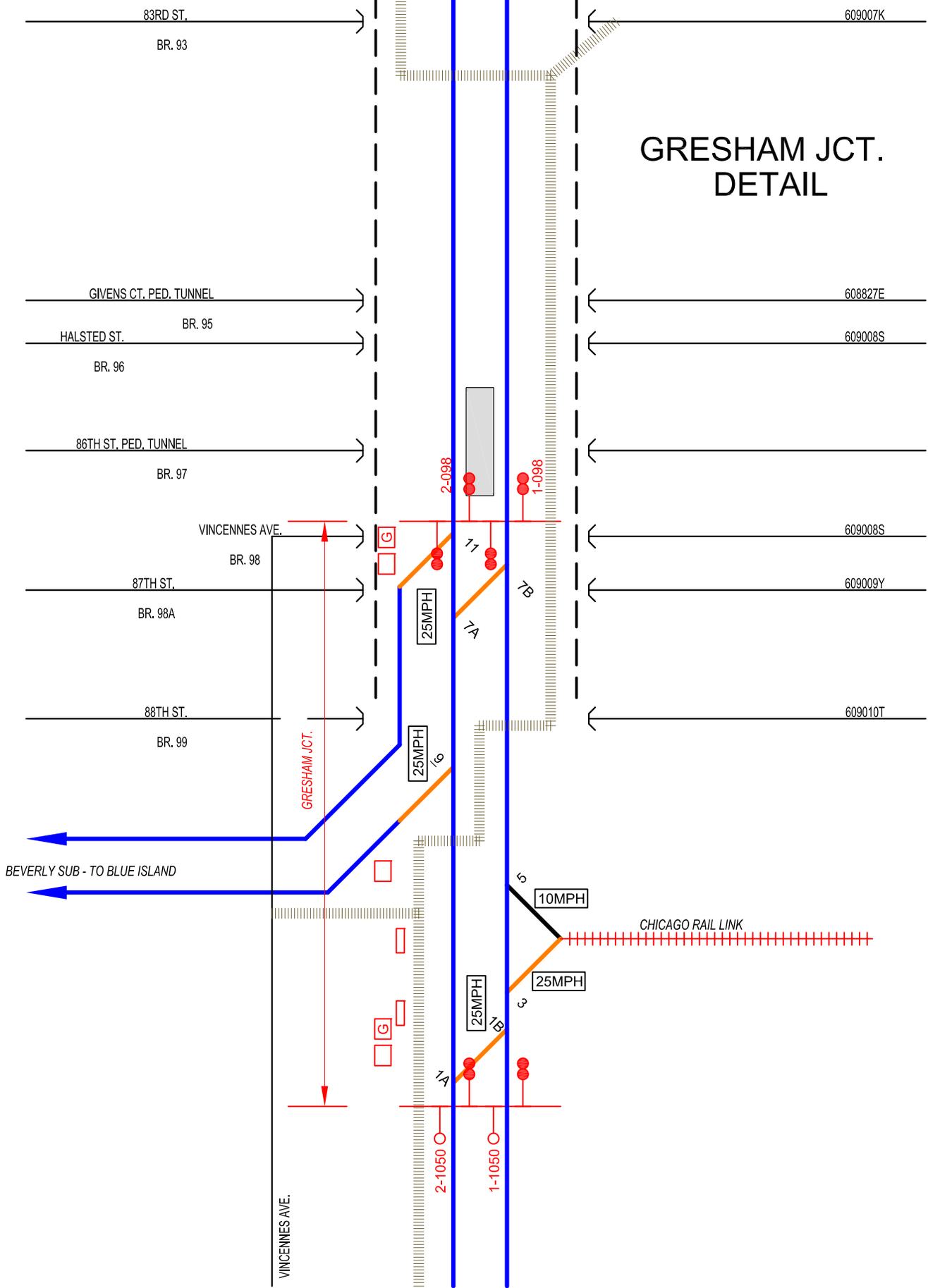
MT 1

47TH STREET YARD DETAIL

53RD ST.



GRESHAM JCT. DETAIL



609007K

608827E

609008S

609008S

609009Y

609010T

83RD ST.
BR. 93

GIVENS CT. PED. TUNNEL
BR. 95
HALSTED ST.
BR. 96

86TH ST. PED. TUNNEL
BR. 97

VINCENNES AVE.
BR. 98

87TH ST.
BR. 98A

88TH ST.
BR. 99

BEVERLY SUB - TO BLUE ISLAND

VINCENNES AVE.

CHICAGO RAIL LINK

BLUE ISLAND DETAIL

BEVERLY SUB - TO GRESHAM

IAIS LEAD

TRACK 47 (CRL LEAD)

TO KENSINGTON

METRA ELECTRIC SOUTH DISPATCHER
(AAR CHANNEL 61)

METRA ELECTRIC
BLUE ISLAND STATION

VERMONT ST. (MP 15.61)

608846J

CFBG

W

GROVE ST. (MP 15.70)

608847R

CFBG

W

WESTERN AVE. (MP 15.80)

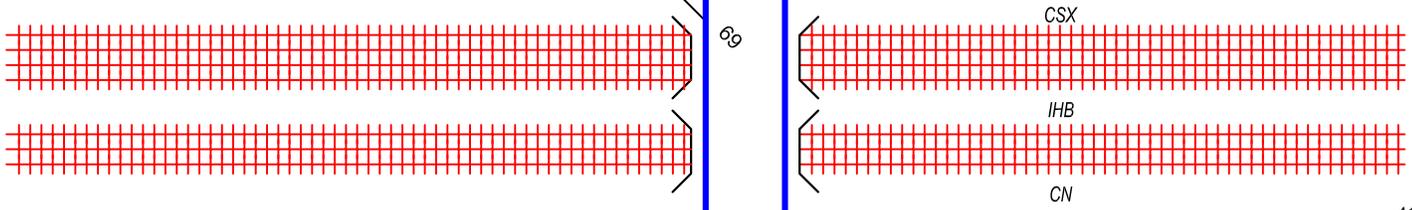
609938W

BROADWAY ST. (MP 16.00)

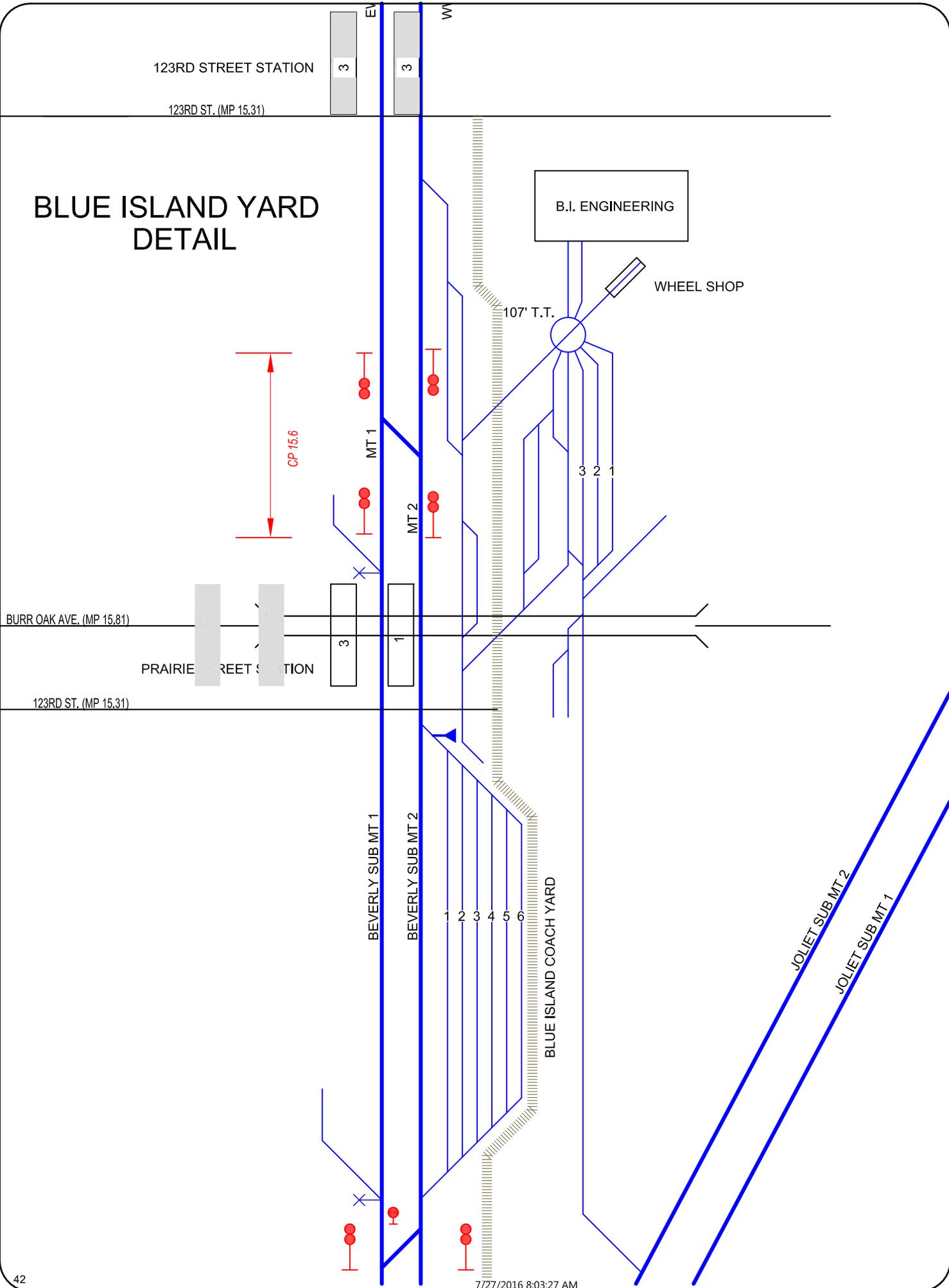
BR. 161

609936D

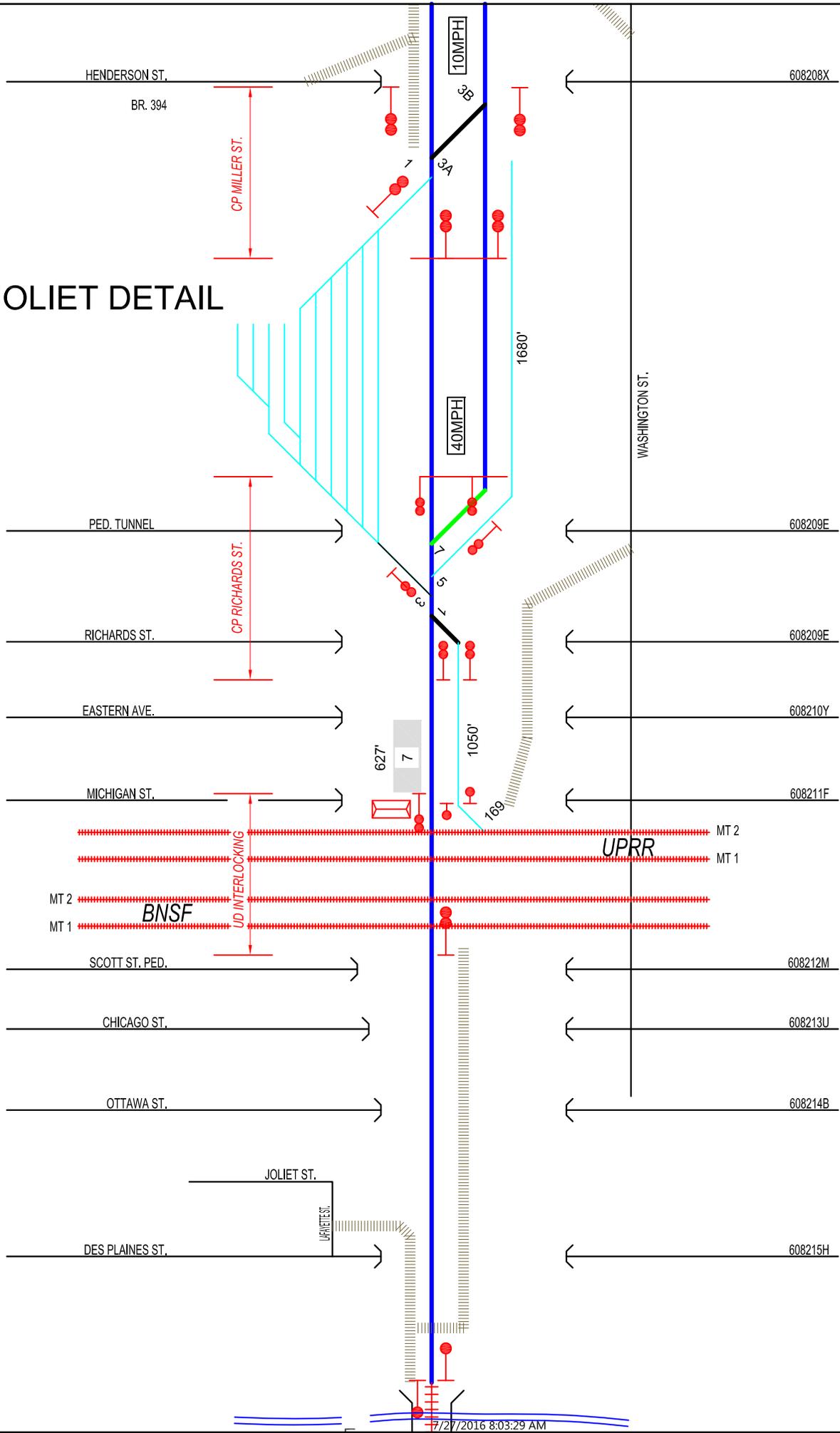
CAL - SAG CHANNEL



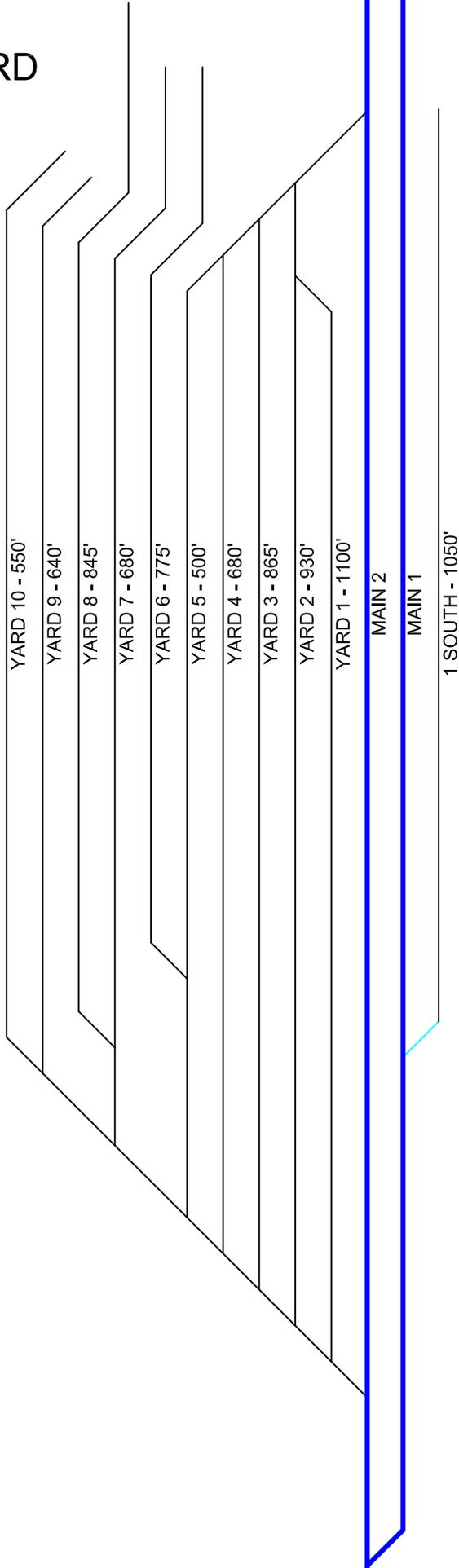
BLUE ISLAND YARD DETAIL

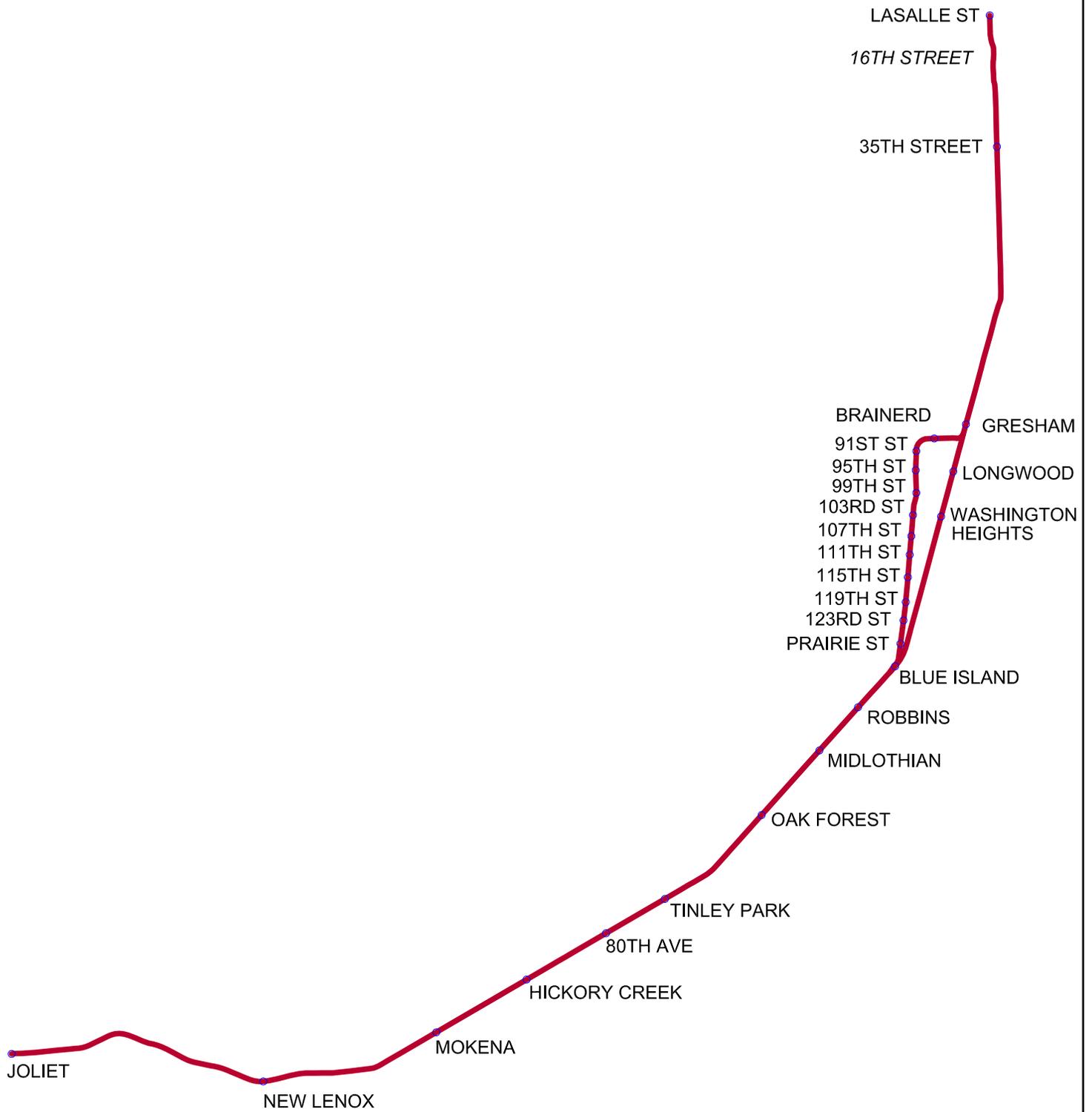


JOLIET DETAIL



JOLIET YARD DETAIL





Appendix B: Quality Plan



METRA MECHANICAL DEPARTMENT

QUALITY PLAN

Table of Contents

⁽¹⁾ MQP Section Number	⁽²⁾ FTA Element Reference	Title	Page Number	Revision
--	--	Table of Contents	2	00
--	--	Management Commitment and Authorization	3	00
--	--	Revision History	4	00
--	--	Introduction	5	00
--	--	Definitions	6	00
--	--	Quality and Project Lifecycle	7	00
--	--	References	8	00
1	2.2.1	Management Responsibility	9	00
2	2.2.2	Documented Quality System	12	00
3	2.2.3	Design Control	15	00
4	2.2.4	Document Control	17	00
5	2.2.5	Purchasing	19	00
6	2.2.6	Product Identification and Traceability	23	00
7	2.2.7	Process Control	25	00
8	2.2.8	Inspection and Testing	27	00
9	2.2.9	Inspection, Measuring & Test Equipment	30	00
10	2.2.10	Inspection and Test Status	32	00
11	2.2.11	Nonconformance	33	00
12	2.2.12	Corrective Action	35	00
13	2.2.13	Quality Records	36	00
14	2.2.14	Quality Audits	38	00
15	2.2.15	Training	41	00
--	--	Appendix A: Organizational Structure	43	00
--	--	Appendix B: Implementation Matrix	44	00

(1) MQP= Metra Mechanical Department Quality Plan

(2) Federal Transit Administration (FTA) Quality Management System Guidelines FTA-PA-27-5194-12.1 (2012 Update).

MANAGEMENT COMMITMENT AND AUTHORIZATION

Metra's Mechanical Capital Program includes projects that involve design, construction, procurement and installation of materials providing for the operation of a safe, reliable and convenient commuter railroad system. Metra Mechanical Department's Quality Plan (MQP) has been established to insure these objectives are accomplished in a manner that provides for continued satisfactory performance during its useful life.

The MQP reflects the management policy and includes objectives that apply to all personnel and activities associated with capital programs. The MQP applies to the Metra's Mechanical and/or Corporate personnel and the Metra's Third Party Contracts. Metra's Mechanical Quality Plan (MQP) incorporates the required fifteen (15) elements of a quality program, which are found in The U.S. Department of Transportation Federal Transit Administration (FTA) Quality Assurance and Quality Control (QA/QC) Guidelines document, FTA-PA-27-5194-12.1.

The MQP applied to all activities in completing the Mechanical capital projects. In addition, it is the responsibility of the Third Party Contractors and their sub-consultants/sub-contractors performing activities or furnishing materials, parts, equipment, or services for Metra Mechanical Department projects to implement the Third Party Contractor Quality Management Plan (TPCQM).

Quality encompasses many functions and activities that extend to all personnel and activities involved in the implementation of the Mechanical Department's Quality Plan.

Approved By:

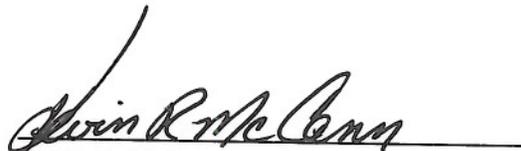


James M. Derwinski
Chief Mechanical Officer
Mechanical Department

Concurred By:



Mark E. Simos
Senior Director, Capital Projects
Mechanical Department



Kevin R. McCann
Senior Director, Operations
Mechanical Department