

[illegible]

-0.31

C.F.B.G
QZ

FRANCIS RD. (MP 30.18)
608963E

MT 1

1-318 ∞
1-319 ∞
2-316 ∞
2-317 ∞

MT 2

TOWNLIN RD.

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"

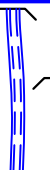
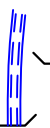
2°08'

-0.51

-0.48

-0.52

HICKORY CREEK
608964B



SCHOOLHOUSE RD.
BR. 320

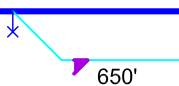
608200T



MARLEY RD. (MP 32.95)

MT 1

MT 2



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

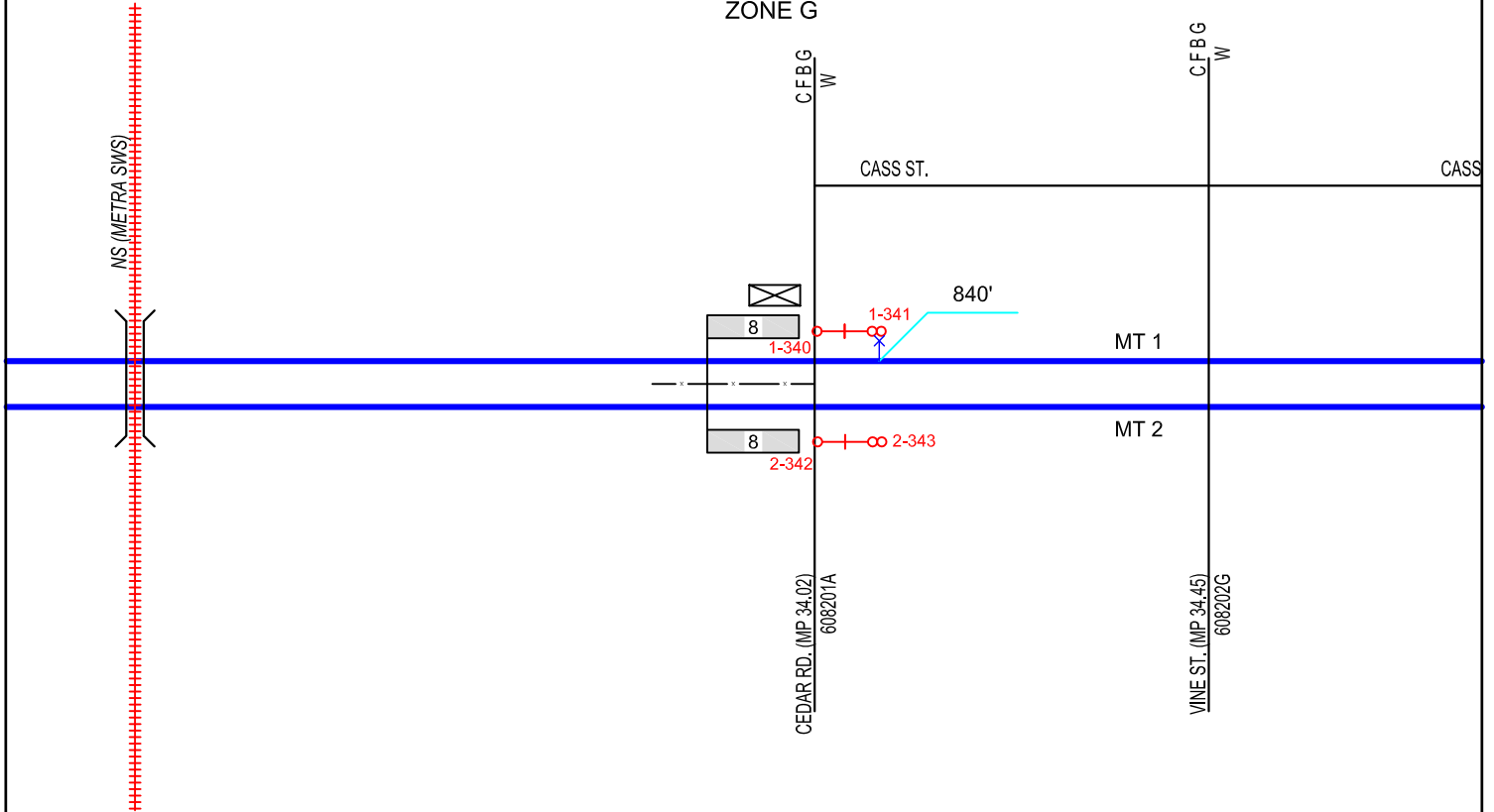
0.00

-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

1 3/8"

1'22"

-0.62

-0.47

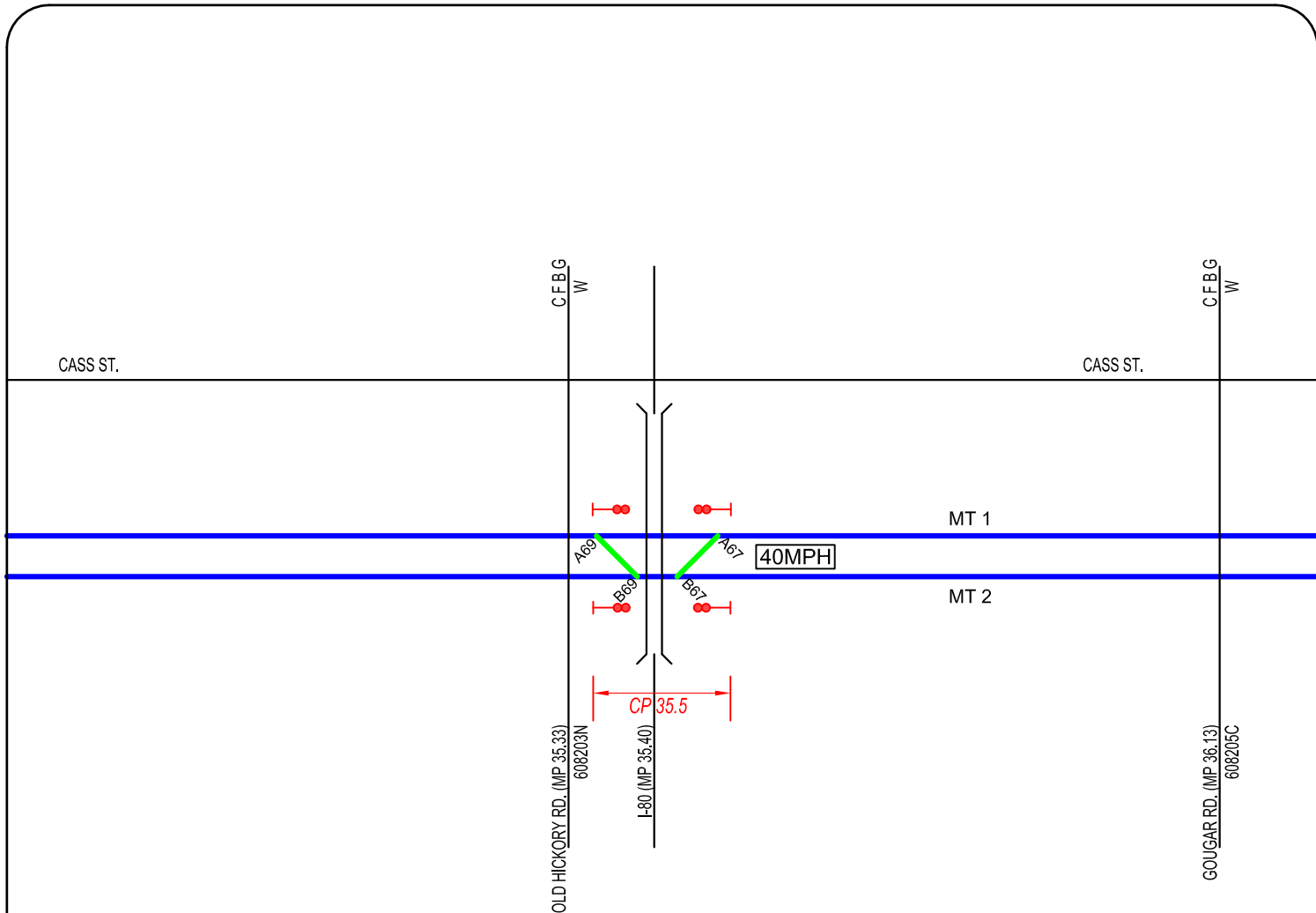
-0.53

0.00

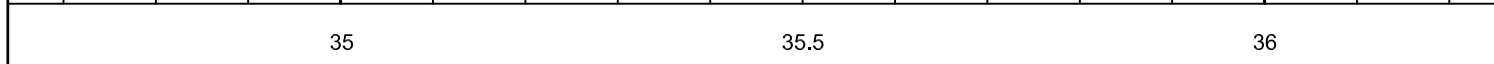
-0.38

+0.06

+0.18



CP 35.5
TOPS #355
CAB SIGNAL (ACS) TERRITORY



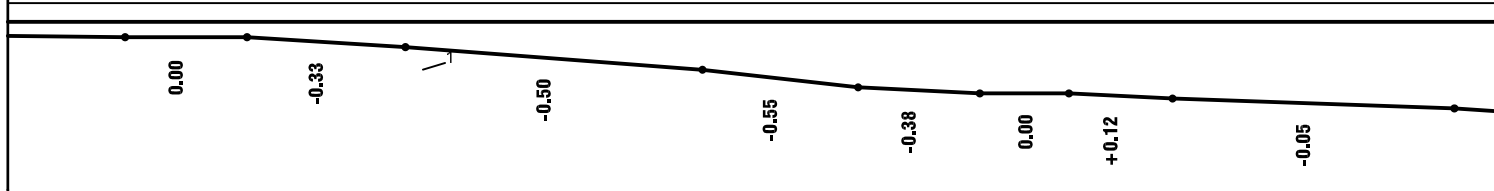
MAXIMUM AUTHORIZED SPEED (PSGR. / FREIGHT)

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

005200C

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

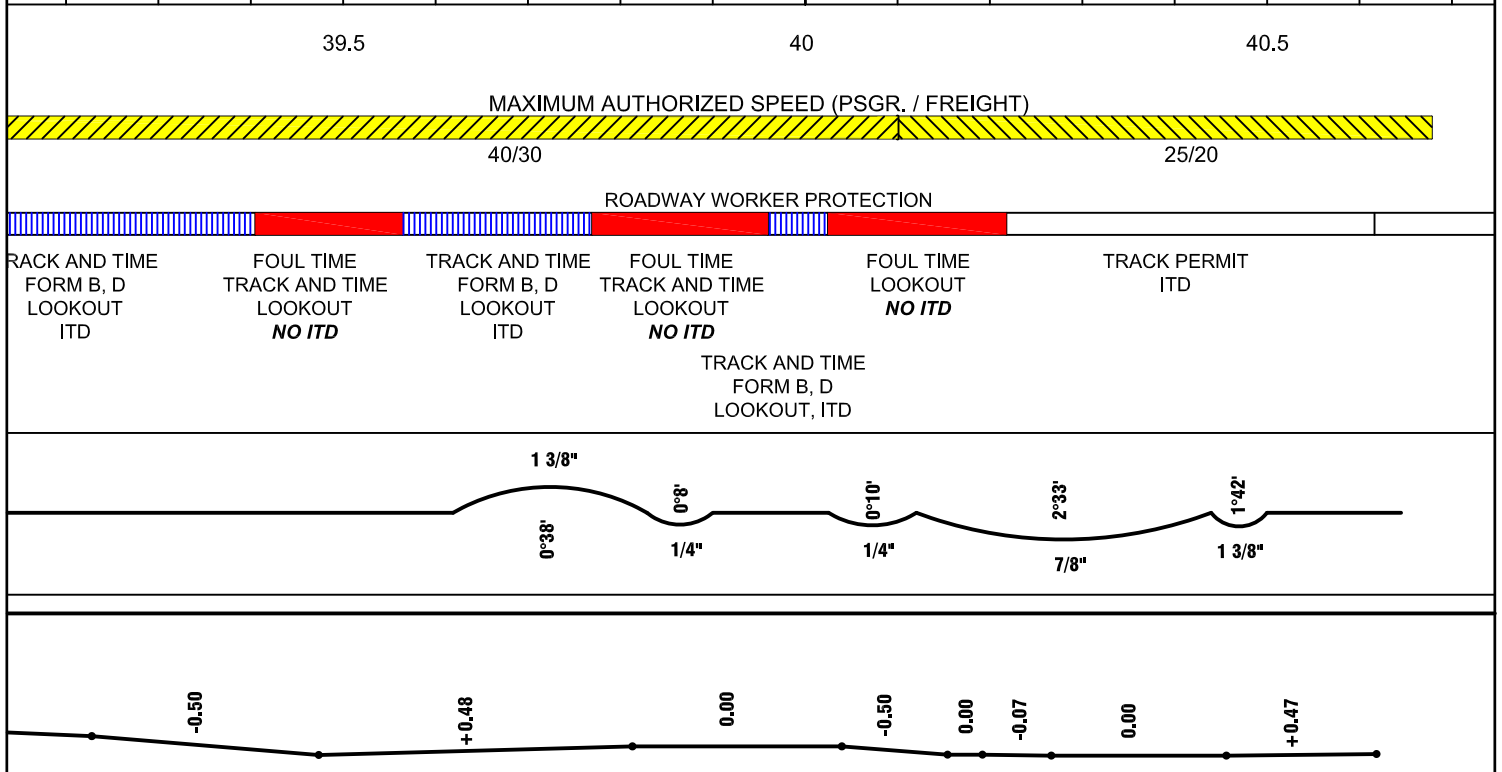
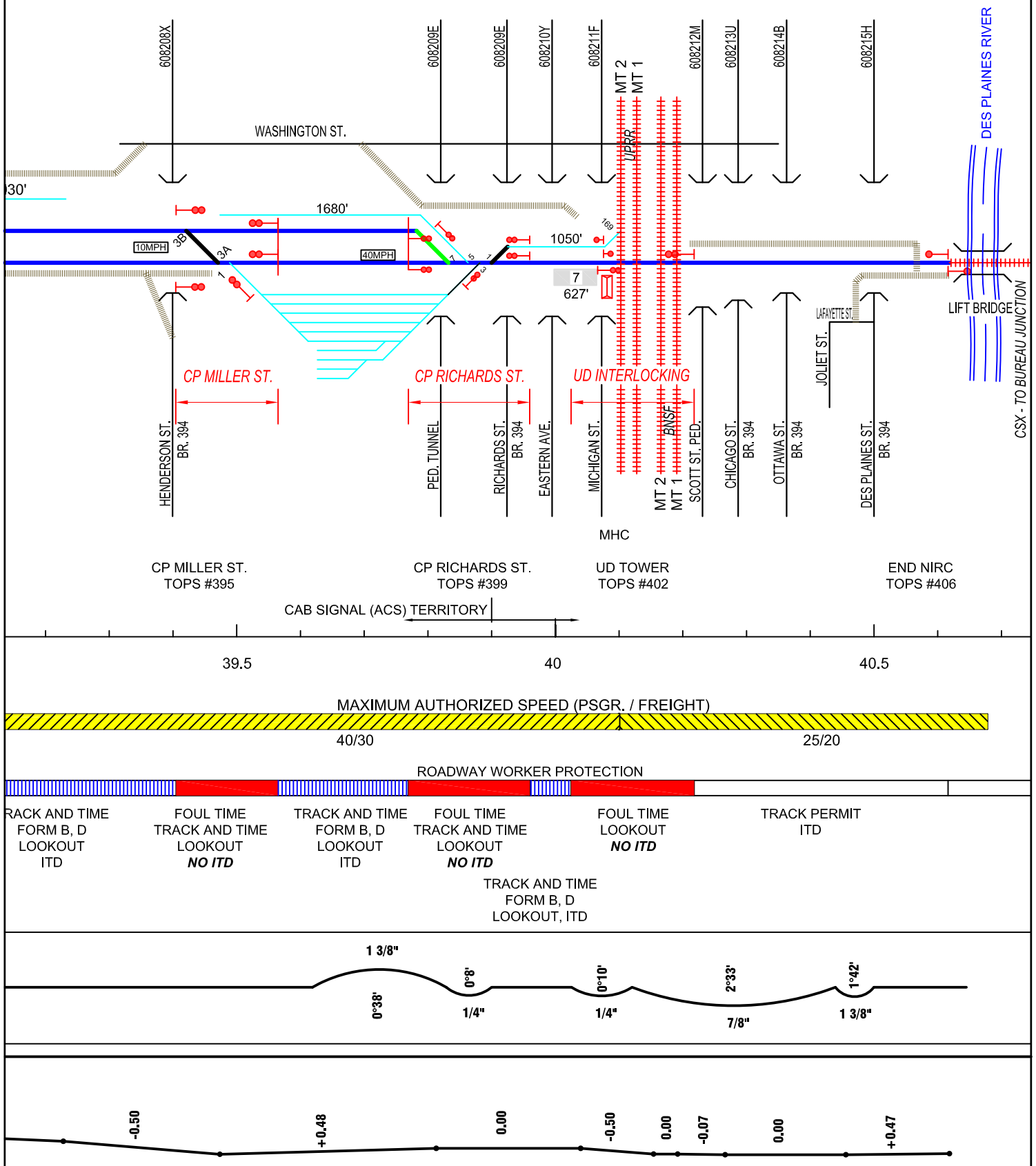
0.00

-0.22

-0.48

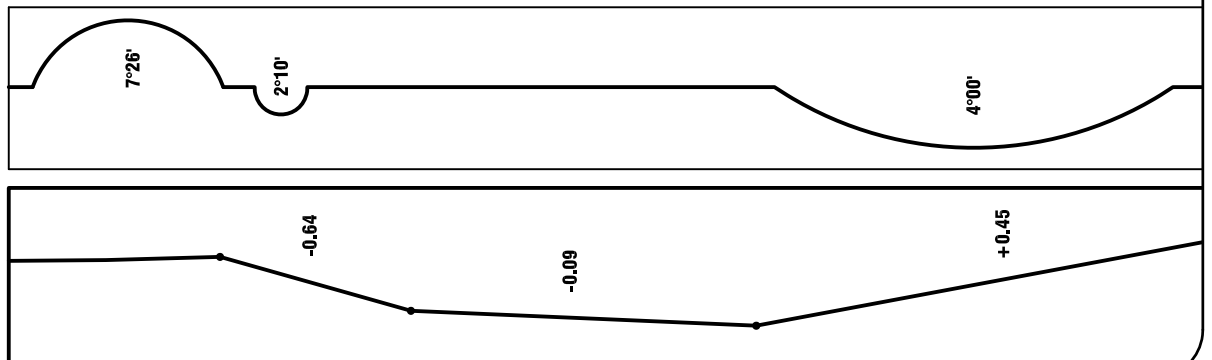
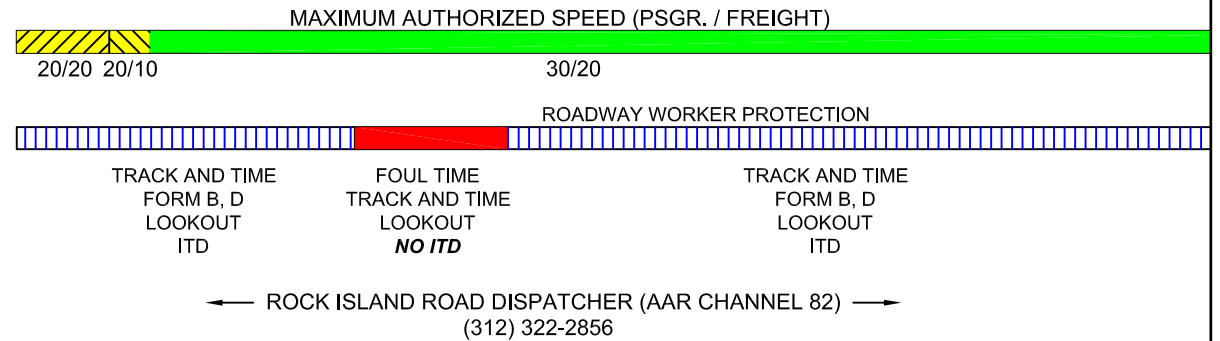
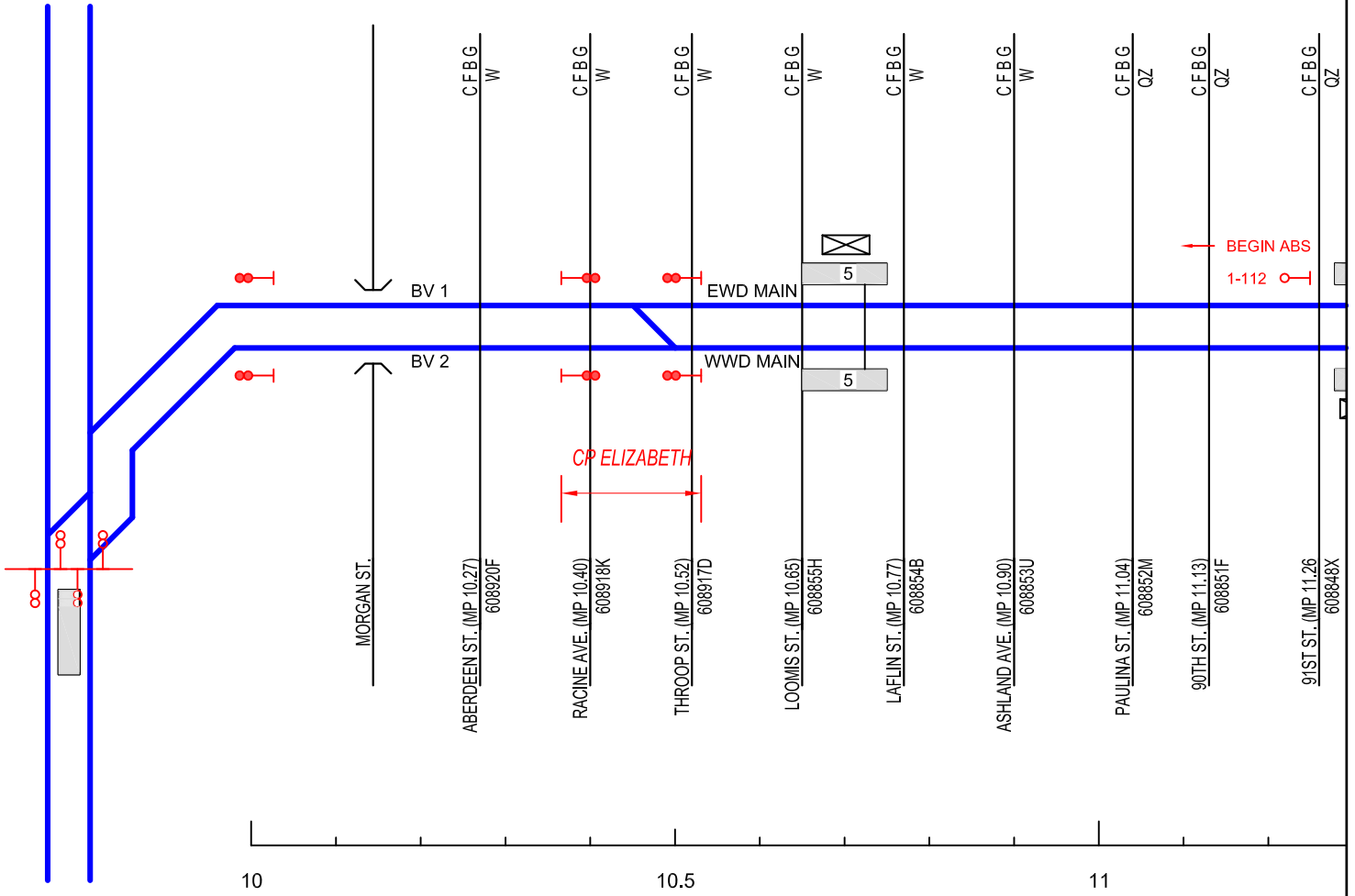
-0.12

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



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

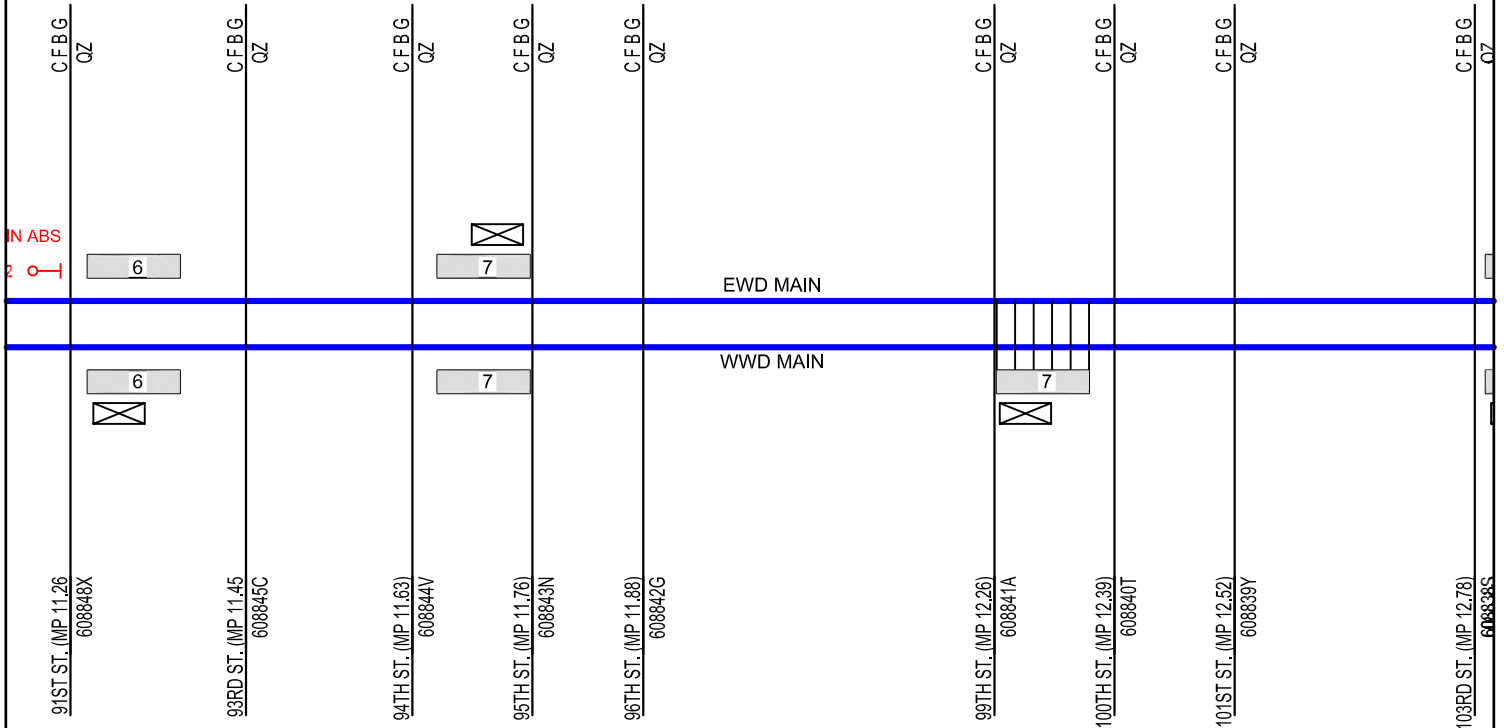


91ST STREET STATION
WH
9105 S. PROSPECT
NO AGENT
WAITING ROOM HOURS:
5:30AM - 1:15PM M-F
TOPS# 113
STATION CODE 7113
ZONE C

95TH STREET STATION
D
1766 W. 95TH STREET
AGENT HOURS: 5:30AM - 1:10PM M-F
WAITING ROOM HOURS:
5:30AM - 1:30PM M-F
TOPS# 117
STATION CODE 7117
ZONE C

99TH STREET STATION
D
9901 S. WALDEN
AGENT HOURS: 5:30AM - 1:10PM M-F
WAITING ROOM HOURS:
5:30AM - 1:30PM M-F
TOPS# 123
STATION CODE 7123
ZONE C

103RD STREET STATION
D
10301 S. WALDEN
AGENT HOURS: 5:30AM - 1:10PM M-F
WAITING ROOM HOURS:
5:30AM - 1:30PM M-F
TOPS# 123
STATION CODE 7123
ZONE C



11.5

12

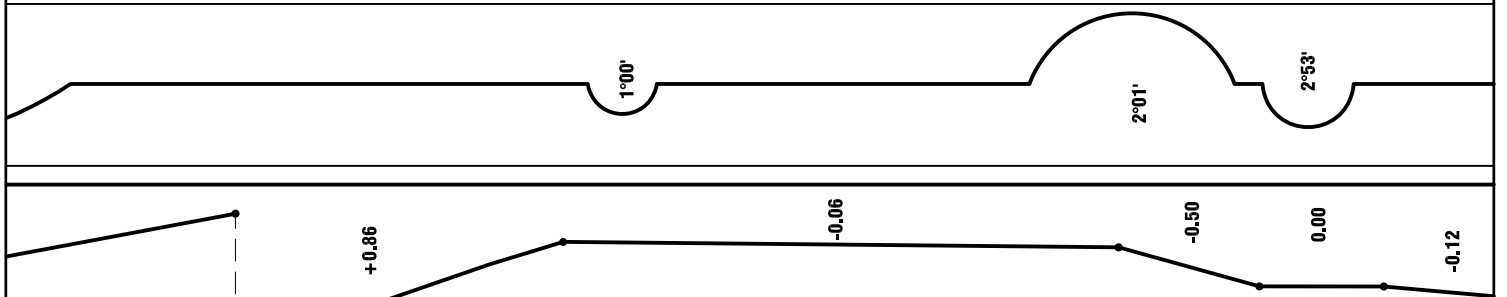
12.5

MAXIMUM AUTHORIZED SPEED (PSGR. / FREIGHT)

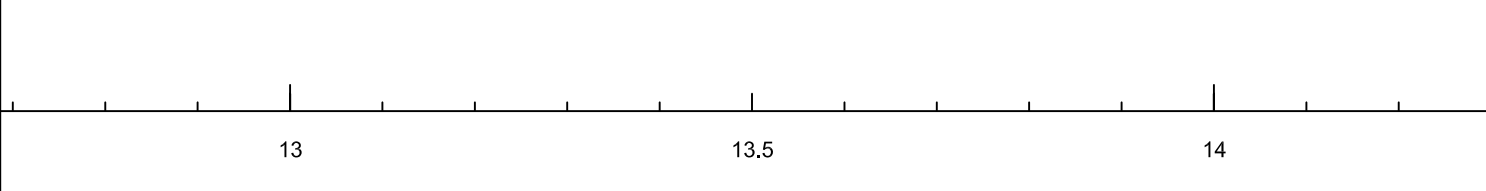
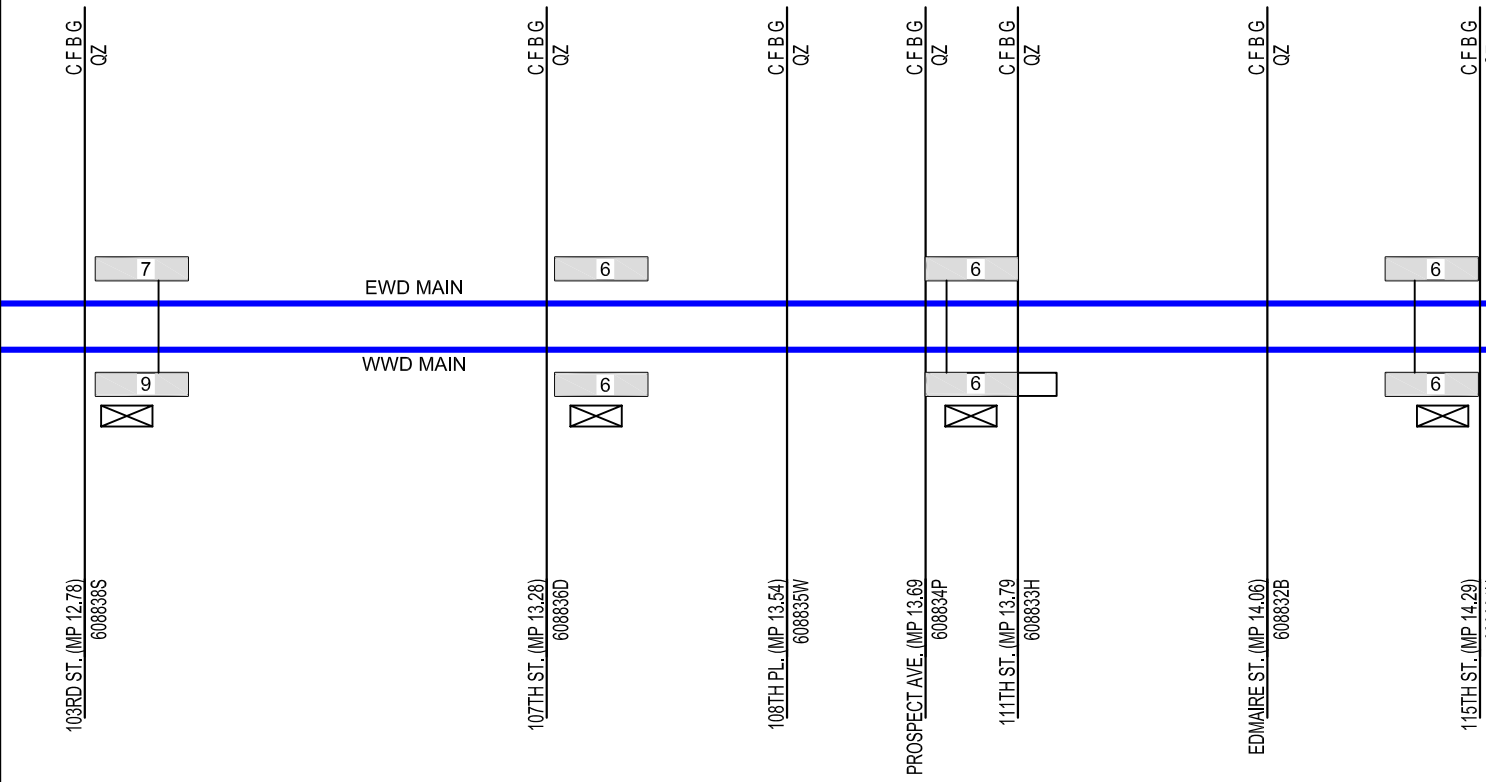
30/20

TRACK AND TIME
FORM B, D
LOOKOUT
ITD

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



103RD STREET STATION D &	107TH STREET STATION WH	111TH STREET STATION D &	115TH STREET STATION WH
10301 S. WALDEN	10301 S. WALDEN	11046 S. HALE	11445 S. HALE
AGENT HOURS: 5:30AM - 12:55PM M-F	NO AGENT	AGENT HOURS: 5:15AM - 12:55PM	NO AGENT
WAITING ROOM HOURS: 5:30AM - 1:30PM M-F	WAITING ROOM HOURS: 6:00AM - 10:00AM M-F	WAITING ROOM HOURS: 5:15AM - 1:15PM M-F	WAITING ROOM HOURS: 5:15AM - 10:00AM M-F
TOPS# 128	TOPS# 133	TOPS# 138	TOPS# 143
STATION CODE 7128	STATION CODE 7133	STATION CODE 7138	STATION CODE 7143
ZONE C	ZONE C	ZONE C	ZONE C



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



STATION

E

HOURS:
M M-F

7143

119TH STREET STATION
WH
2040 W. 119TH ST.
NO AGENT
WAITING ROOM HOURS:
5:30AM - 10:00AM M-F
TOPS# 148
STATION CODE 7148
ZONE C

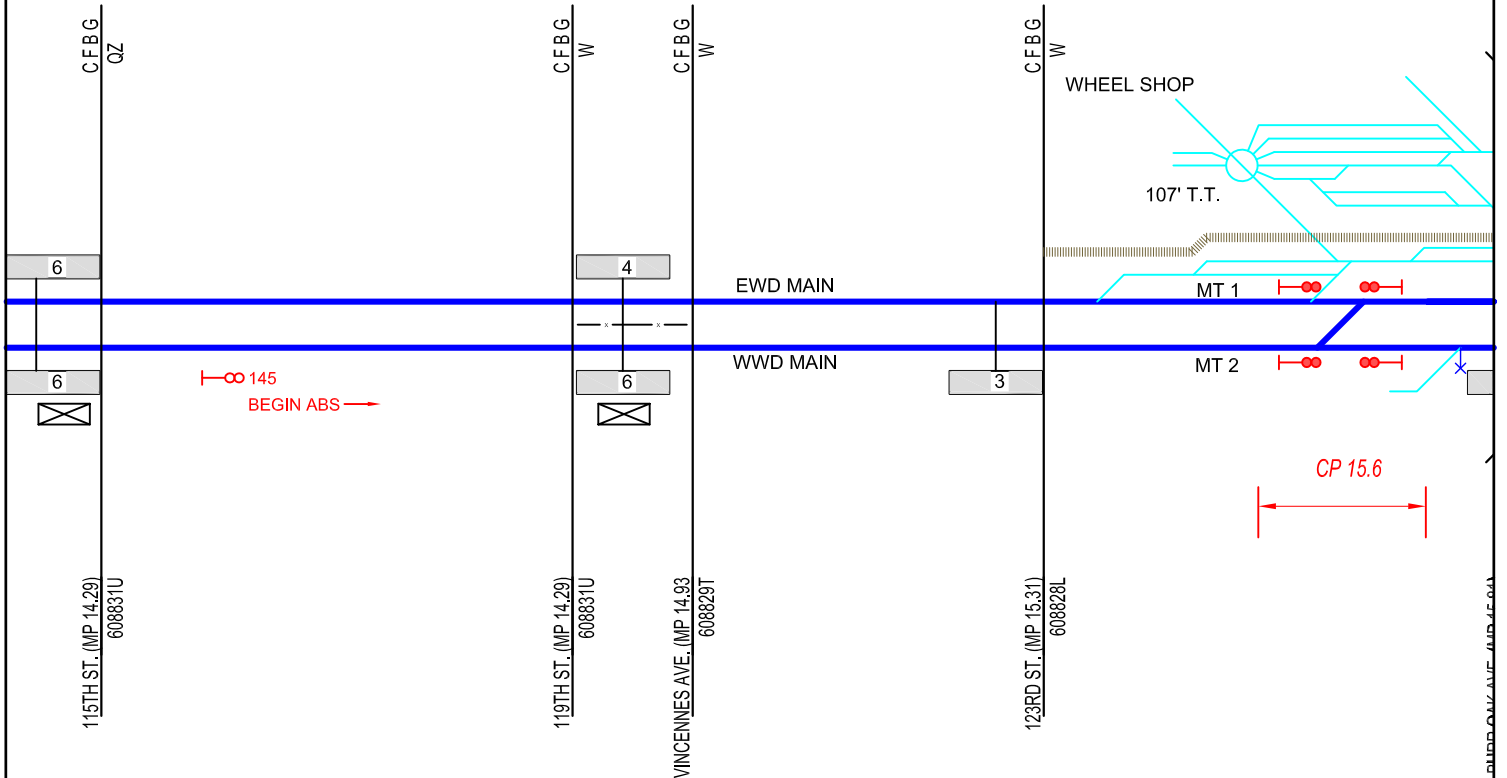
123RD STREET STATION
S
2120 W. 123RD ST.
NO AGENT
SHELTER ALWAYS OPEN
TOPS# 152
STATION CODE 7152
ZONE D

PRAIRIE

2100

SHELTER

STATION



14.5

15

15.5

MAXIMUM AUTHORIZED SPEED (PSGR. / FREIGHT)

30/20

TRACK AND TIME
FORM B, D
LOOKOUT
ITD

FOUL TIME
TRACK AND TIME
LOOKOUT
NO ITD

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

0°30'

-0.06

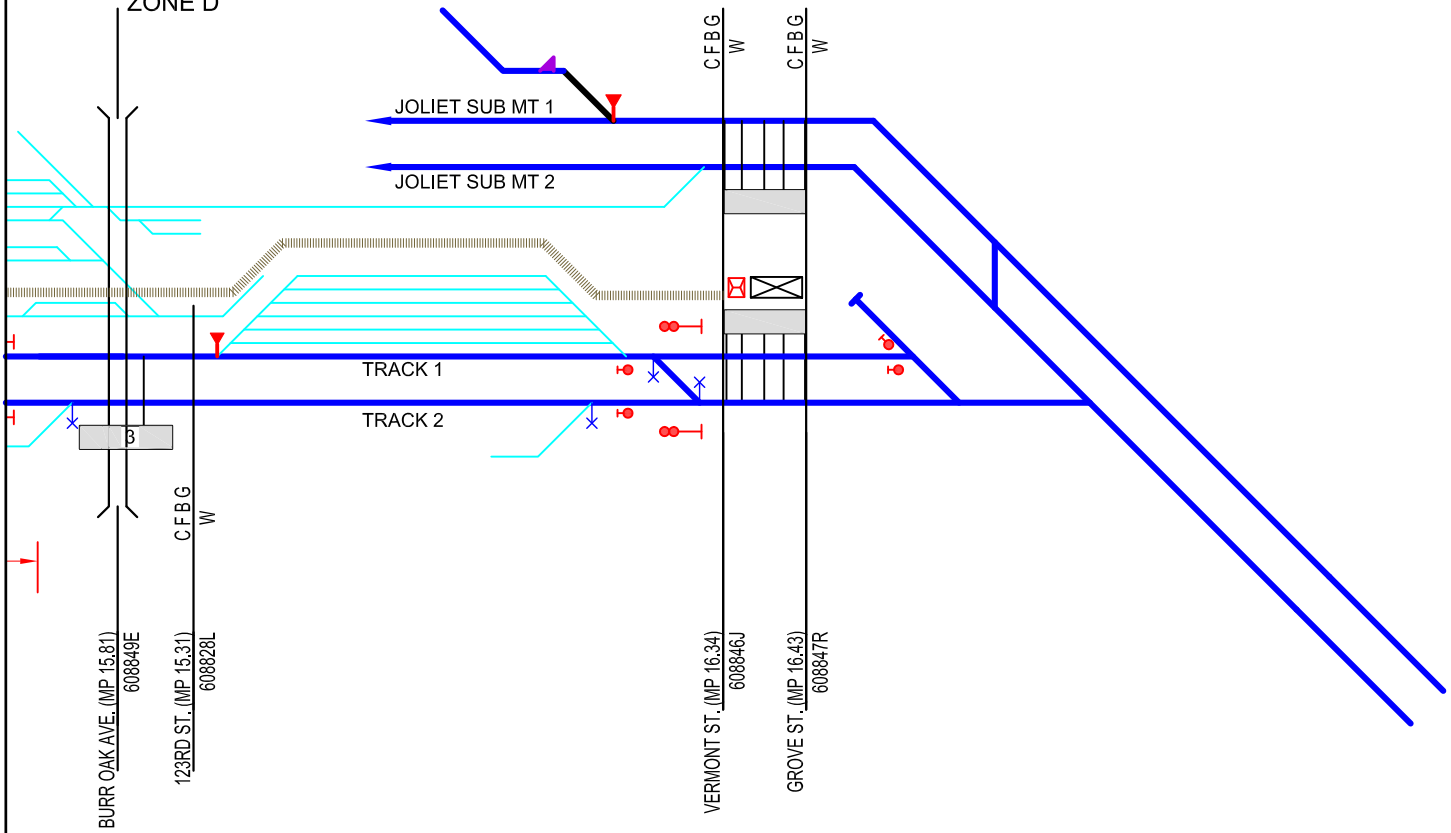
-0.23

-0.95

-0.15

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



16

16.5

6

MAXIMUM AUTHORIZED SPEED (PSGR. / FREIGHT)

30/20

TRACK AND TIME
FORM B, D
LOOKOUT
ITD

FOUL TIME
TRACK AND TIME
LOOKOUT
NO ITD

BLUE ISLAND TOWER OPERATOR
(708) 388-7434

4°00'

3°20'

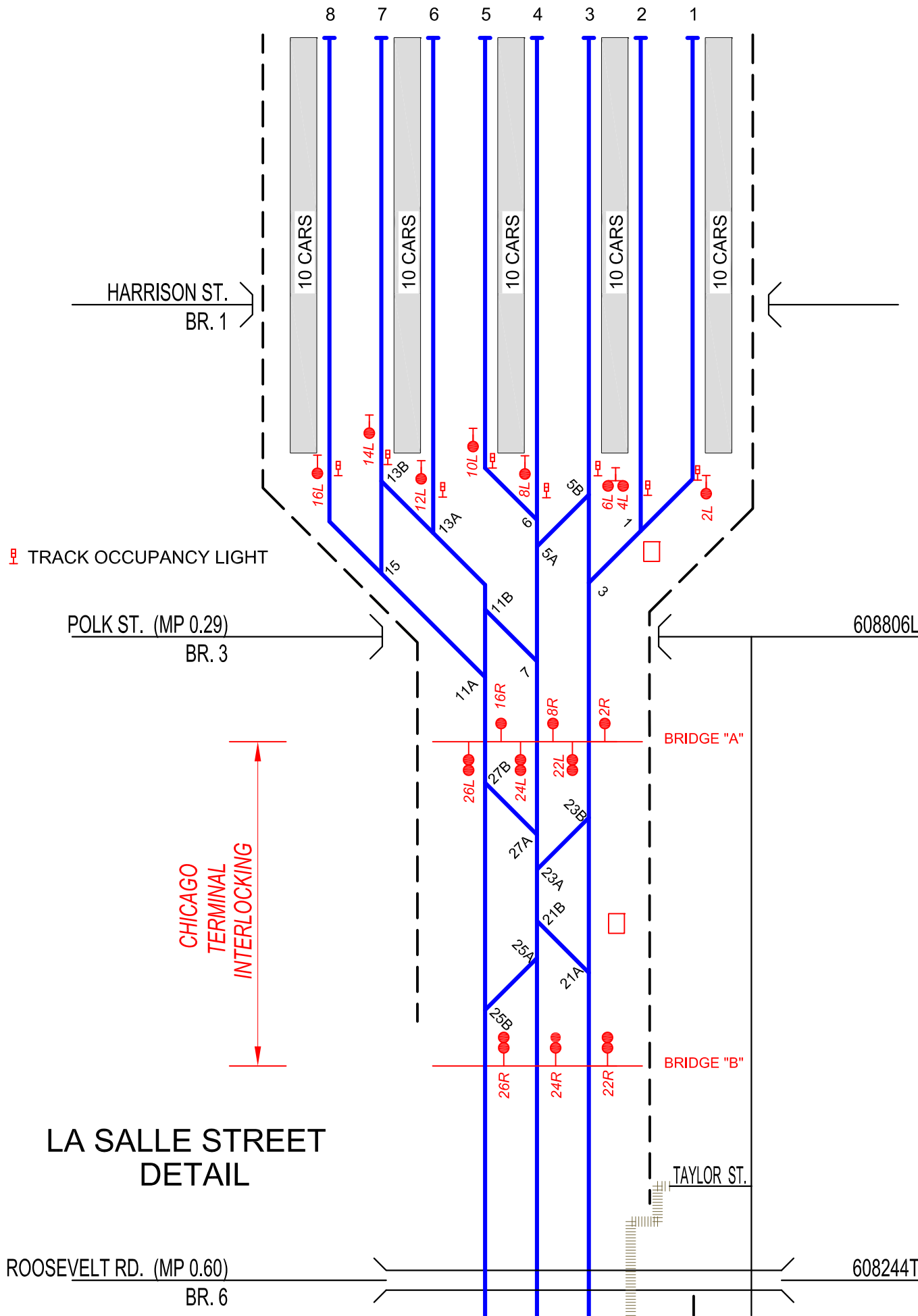
+0.03

-0.25

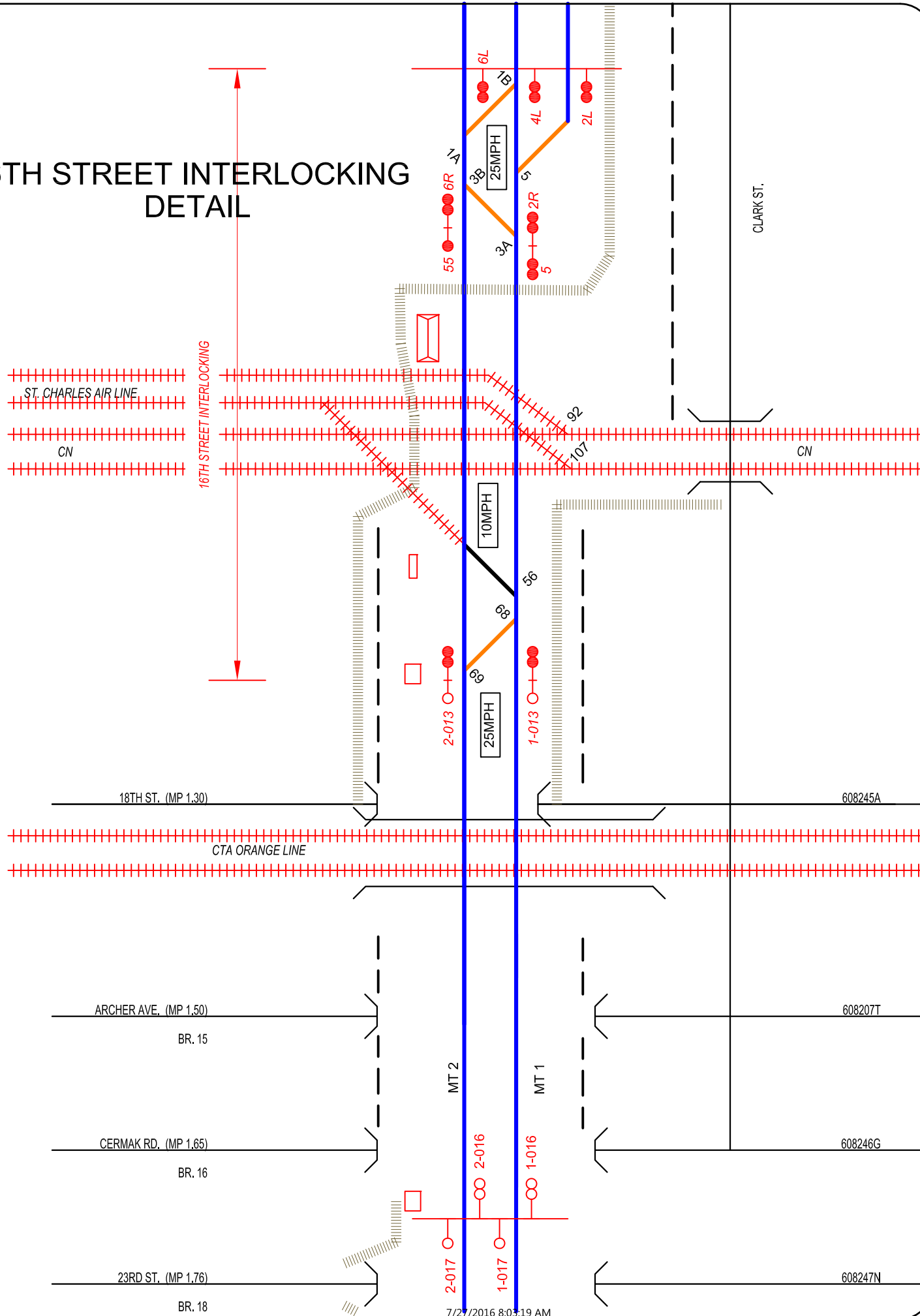
-0.34

-0.07

+0.44

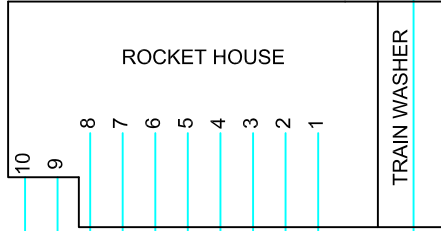
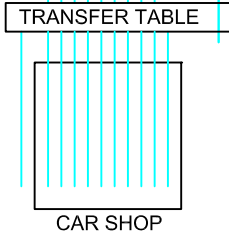


16TH STREET INTERLOCKING DETAIL



WENTWORTH AVE.

47TH ST.
LOW CLEARANCE



LOWER YARD
4
9
8
7
3
2
1
51ST ST.
LOW CLEARANCE

OLD WASH TRACK

FUEL TRACK

UPPER YARD
4
3
2
1

STORAGE 2
STORAGE 1

TO CHICAGO

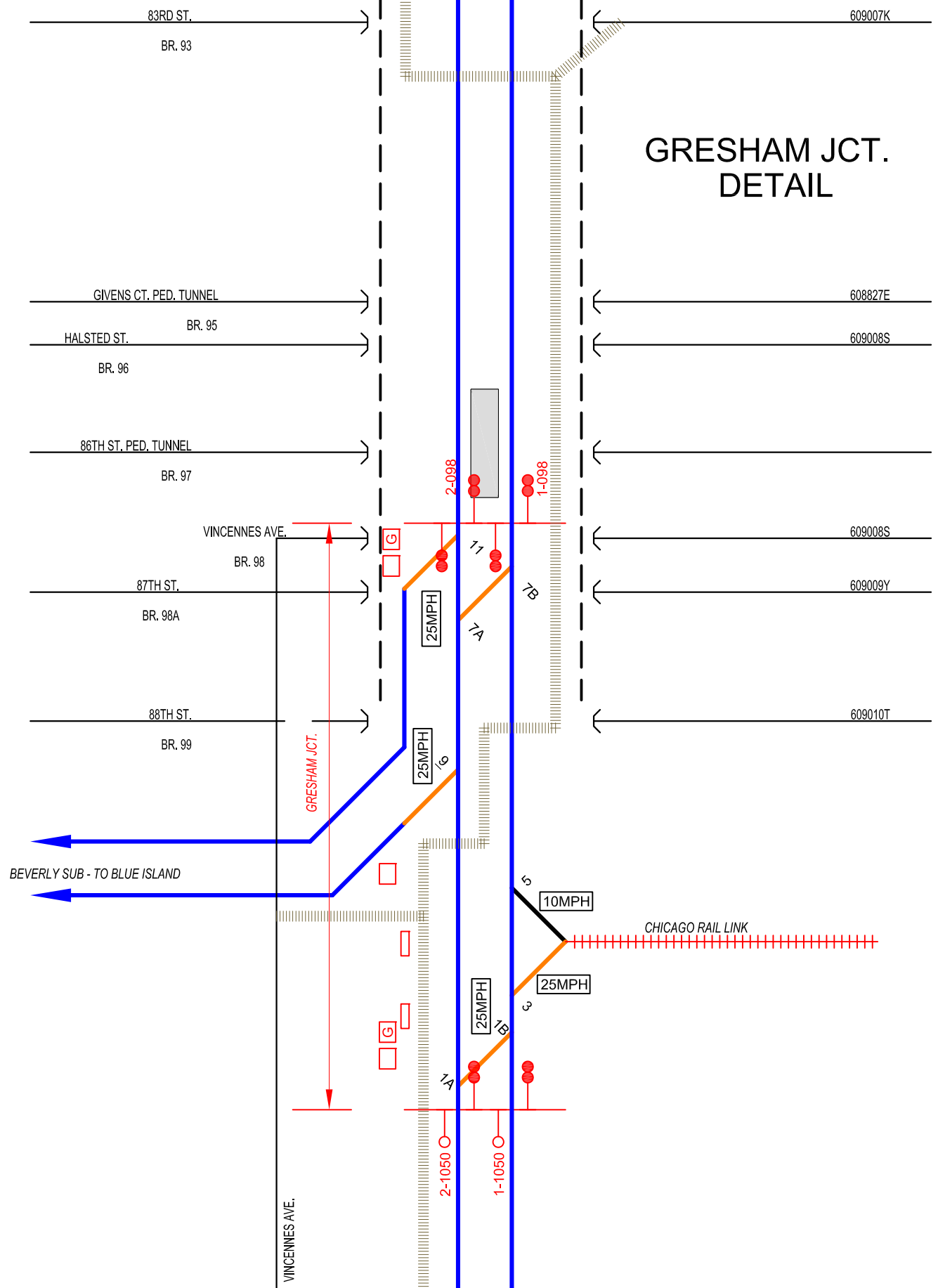
47TH STREET
EMPLOYEE STOP
LIMITED HOURS ONLY

47TH STREET YARD DETAIL

53RD ST.

MT 2

MT 1



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

JUNCTION
WESTERN AVE.

WESTERN AVE. (MP 15.80)

609938W

BROADWAY ST. (MP 16.00)

BR. 161

609936D

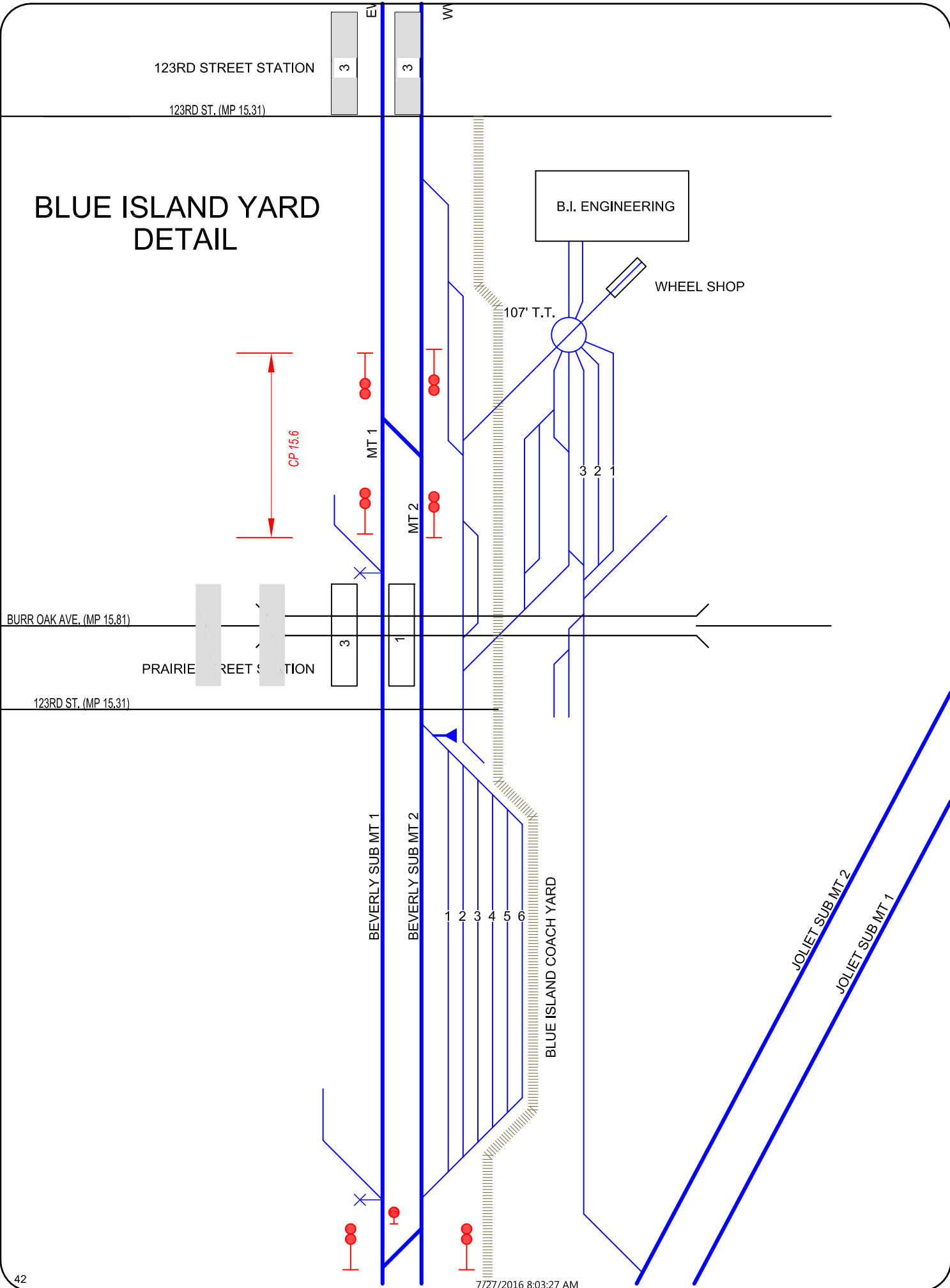
CAL - SAG CHANNEL

CSX

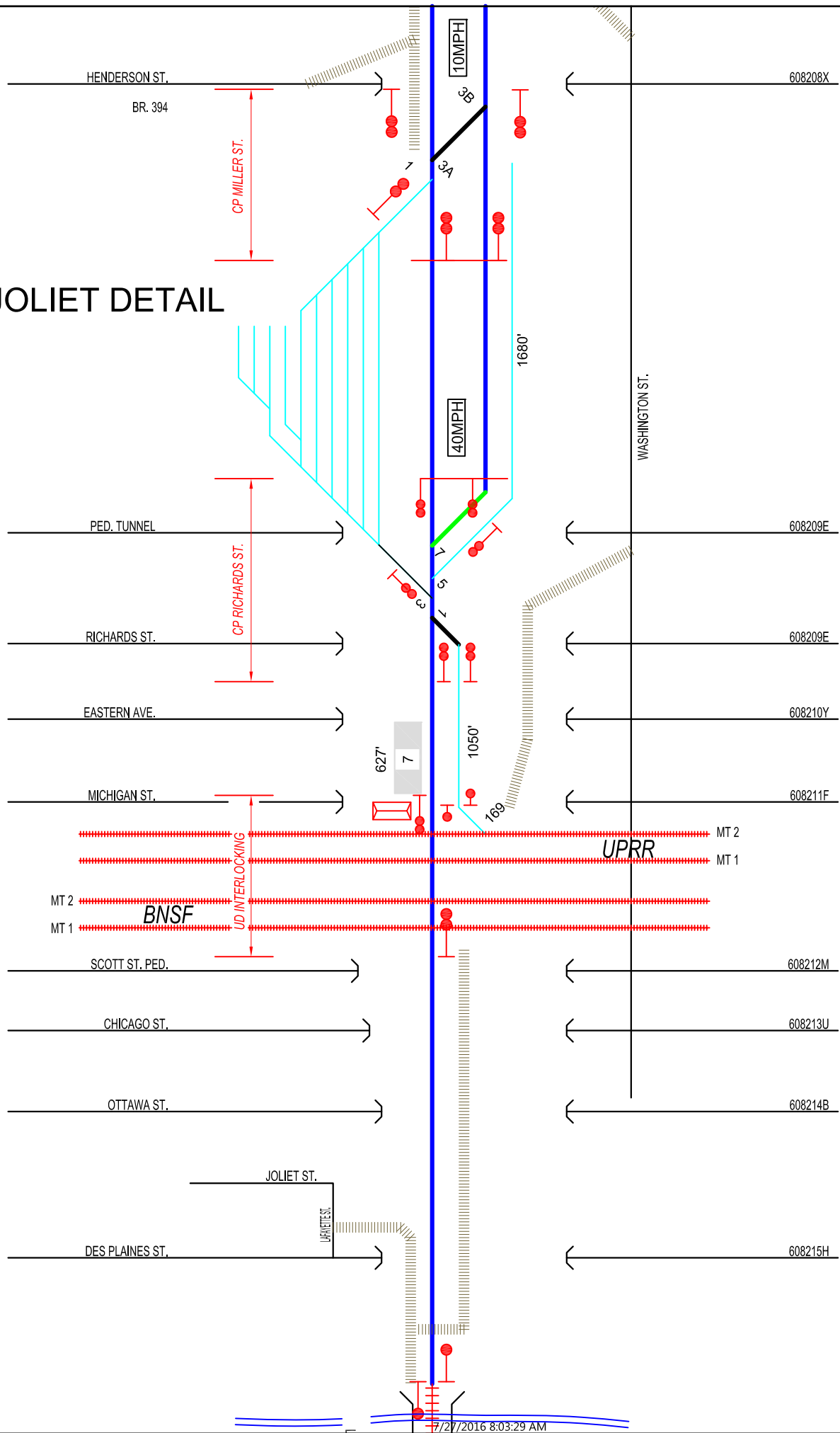
IHB

CN

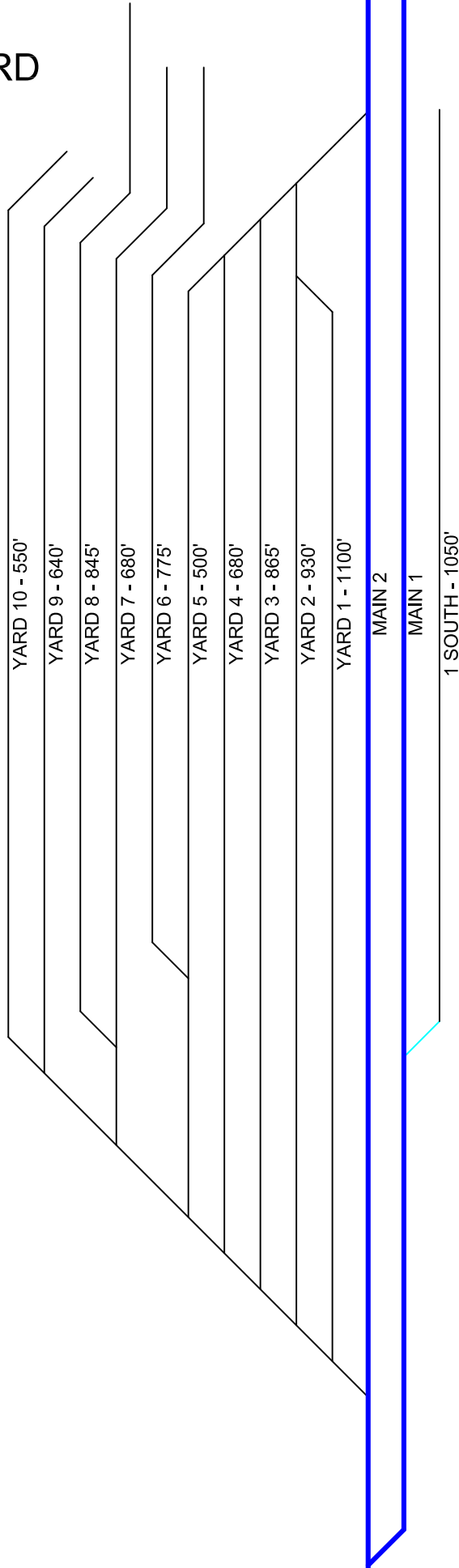
BLUE ISLAND YARD DETAIL

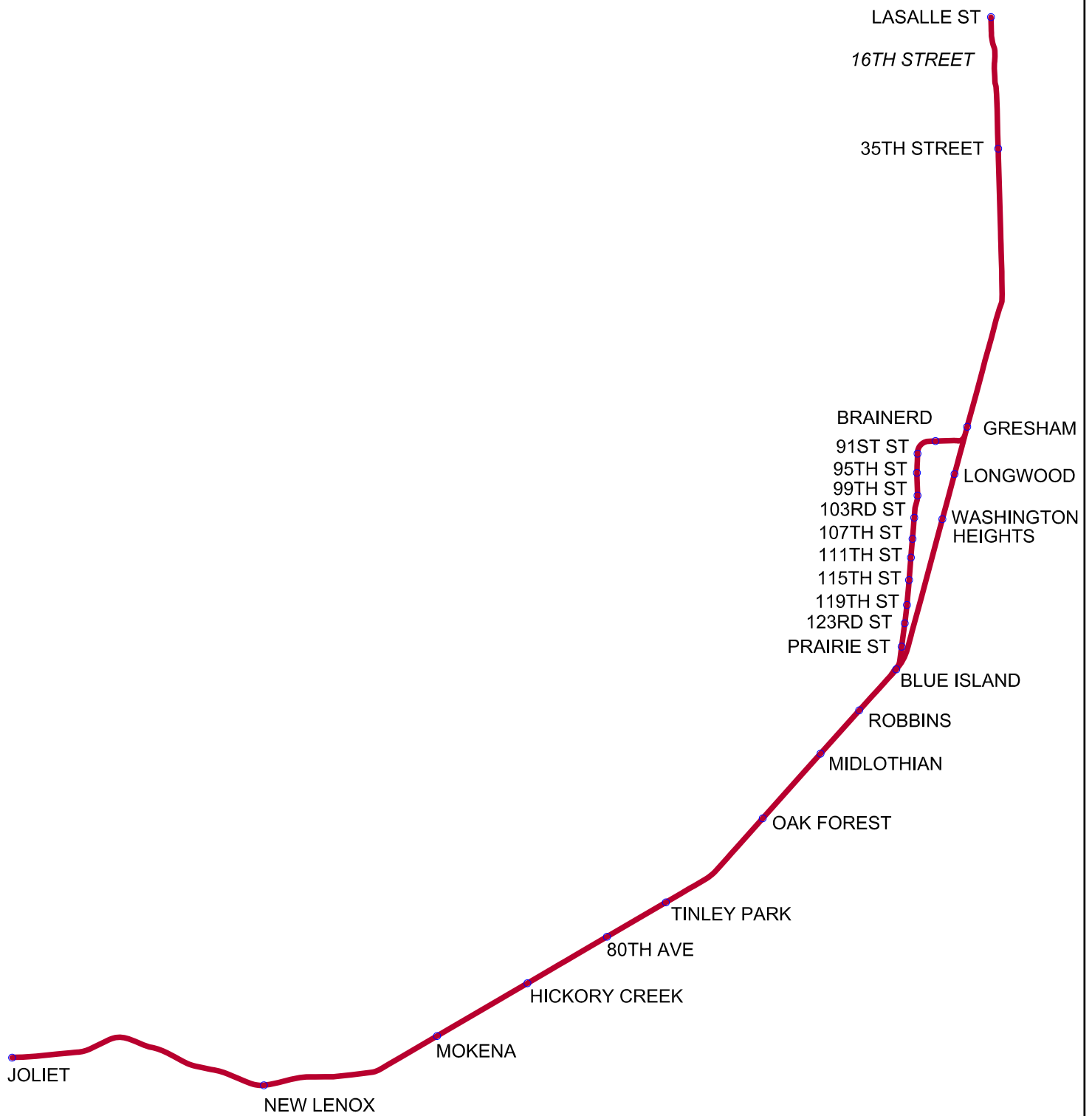


JOLIET DETAIL



JOLIET YARD DETAIL





Appendix B: Quality Plan



METRA MECHANICAL DEPARTMENT

QUALITY PLAN

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--	--	Introduction	5	00
--	--	Definitions	6	00
--	--	Quality and Project Lifecycle	7	00
--	--	References	8	00
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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
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--	--	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).

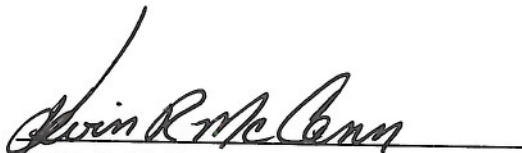
Quality encompasses many functions and activities that extend to all personnel and activities involved in the implementation of the Mechanical Department's Quality Plan.

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