

MOKENA STATION

D, R &

11040 MC GOVENY STREET

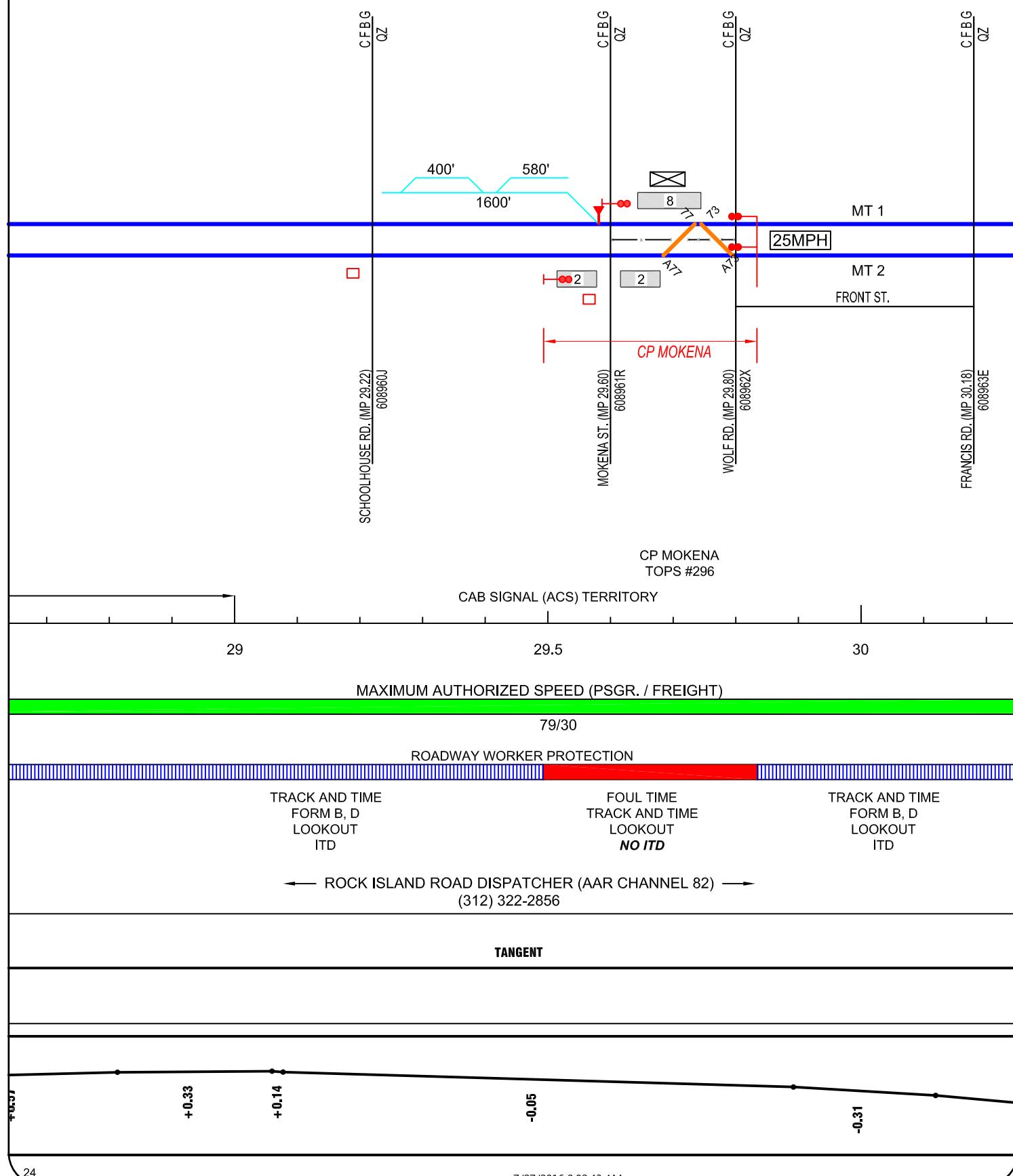
AGENT HOURS: 5:15AM - 12:40PM

WAITING ROOM HOURS: 5:00AM - 1:00PM

TOPS# 296

STATION CODE 6296

ZONE F



CFBG
QZ

FRANCIS RD. (MP 30.18)
608963E

MT 1

MT 2

TOWNLINE RD.

1-318 oo
1-319
2-316 oo
2-317

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

4 1/8"

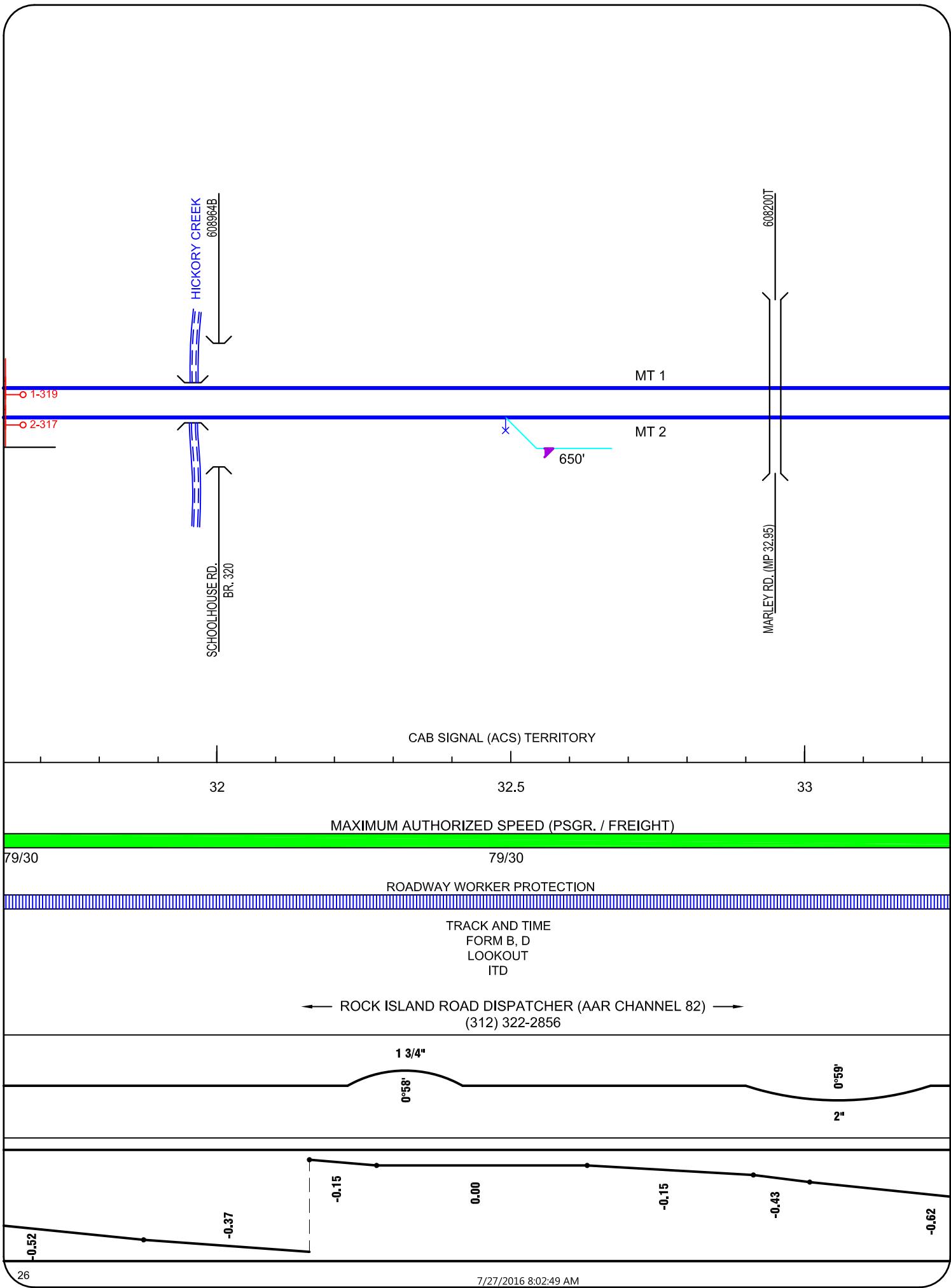
TANGENT

2°08'

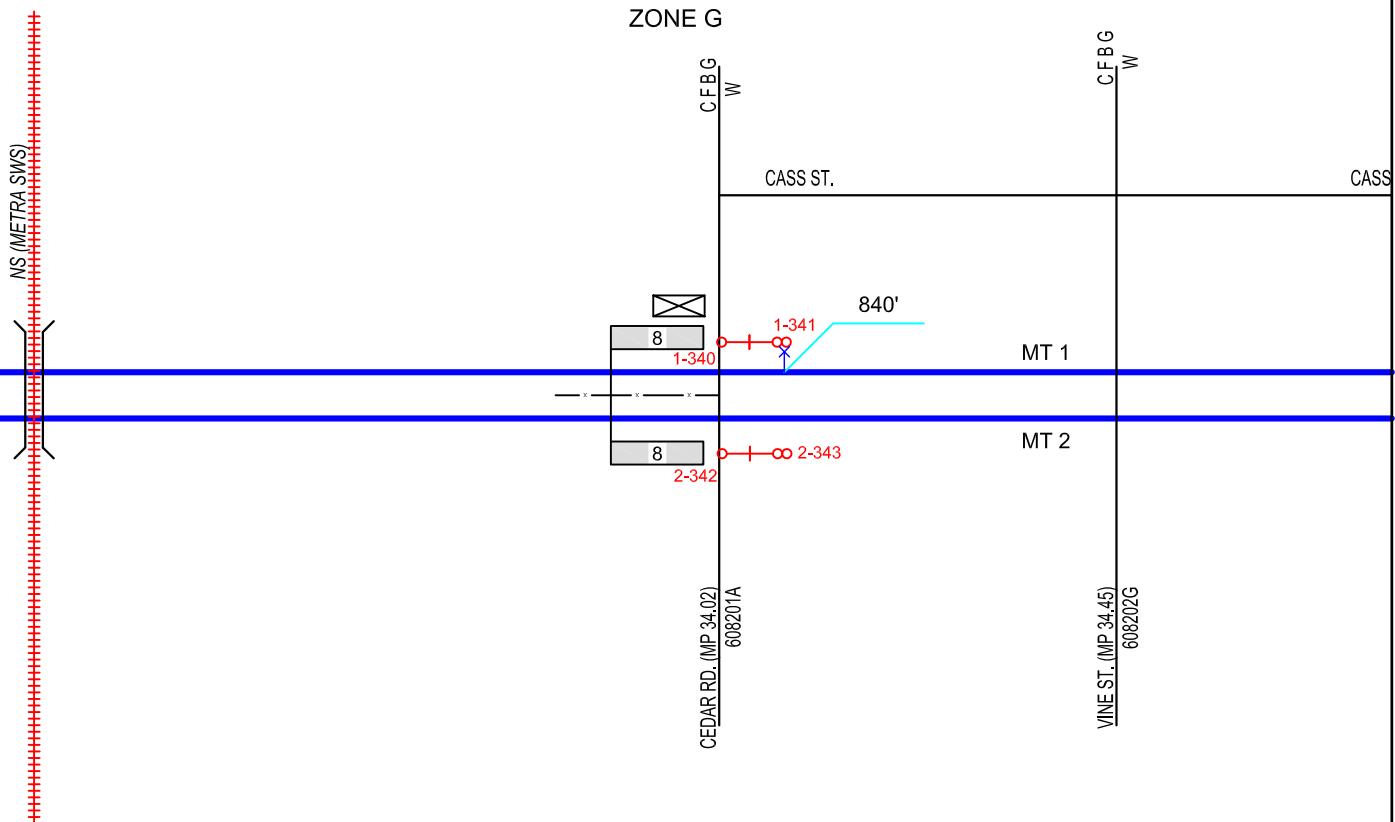
-0.51

-0.48

-0.52



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 2/2"

-0.62

-0.47

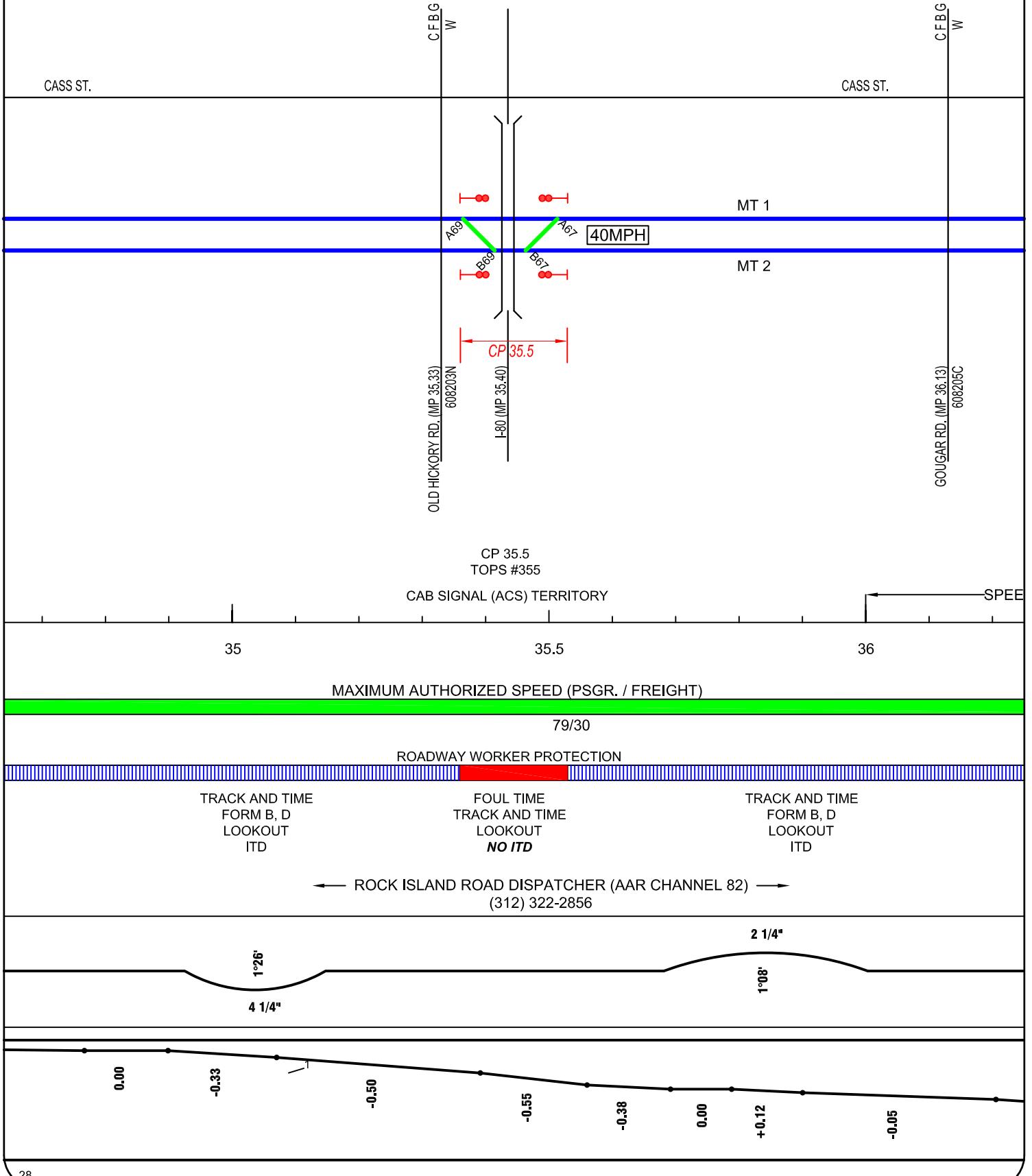
-0.53

0.00

-0.38

+0.06

+0.18



W

CASS ST.

1-372 ∞ —— o 1-373

MT 1

2-370 ∞ —— o 2-371

MT 2

HICKORY CREEK

000Z000C

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

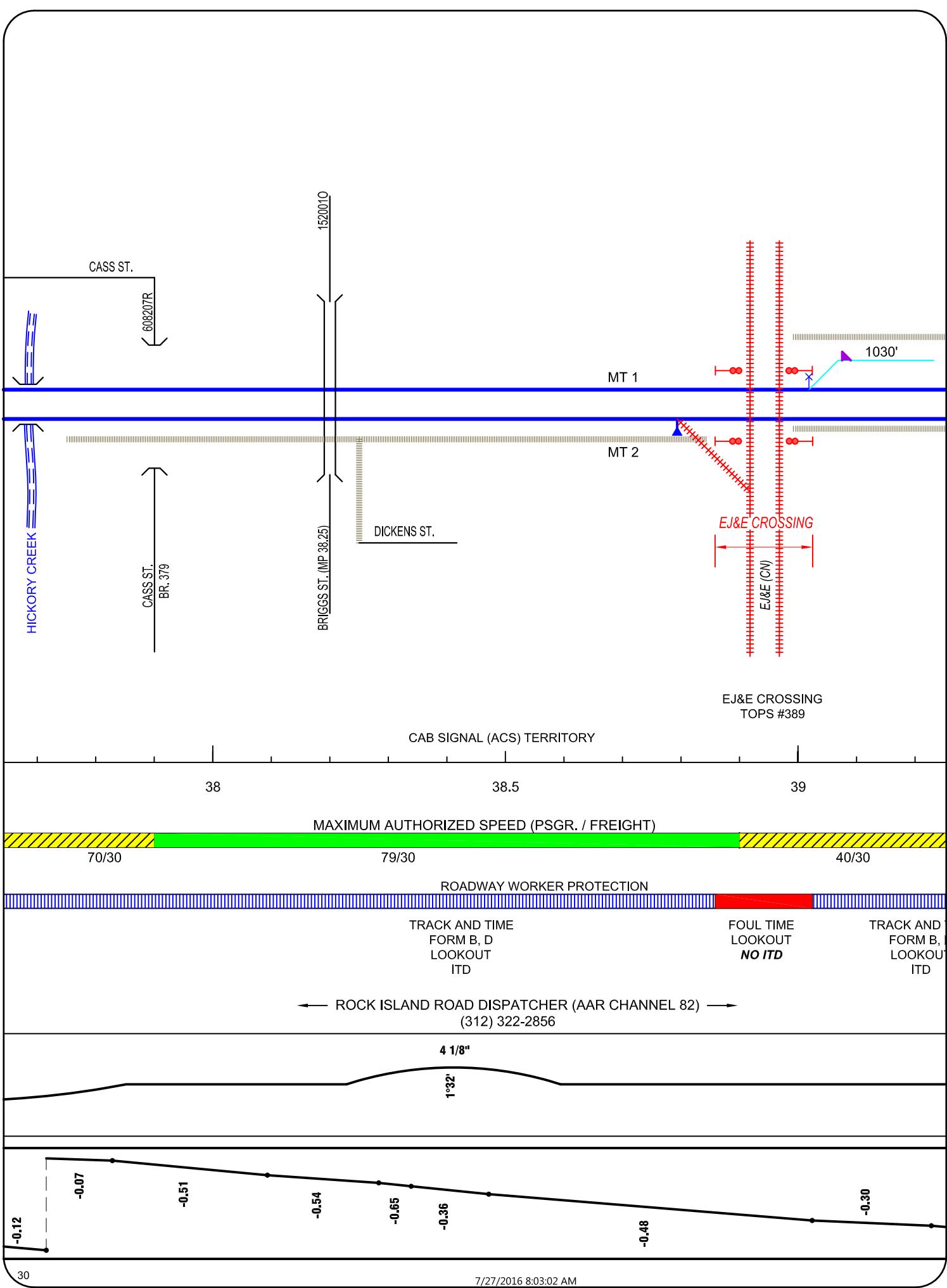
-0.11

0.00

-0.22

-0.48

-0.12



JOLIET STATION

D, R ⚡

50 E. JEFFERSON STREET

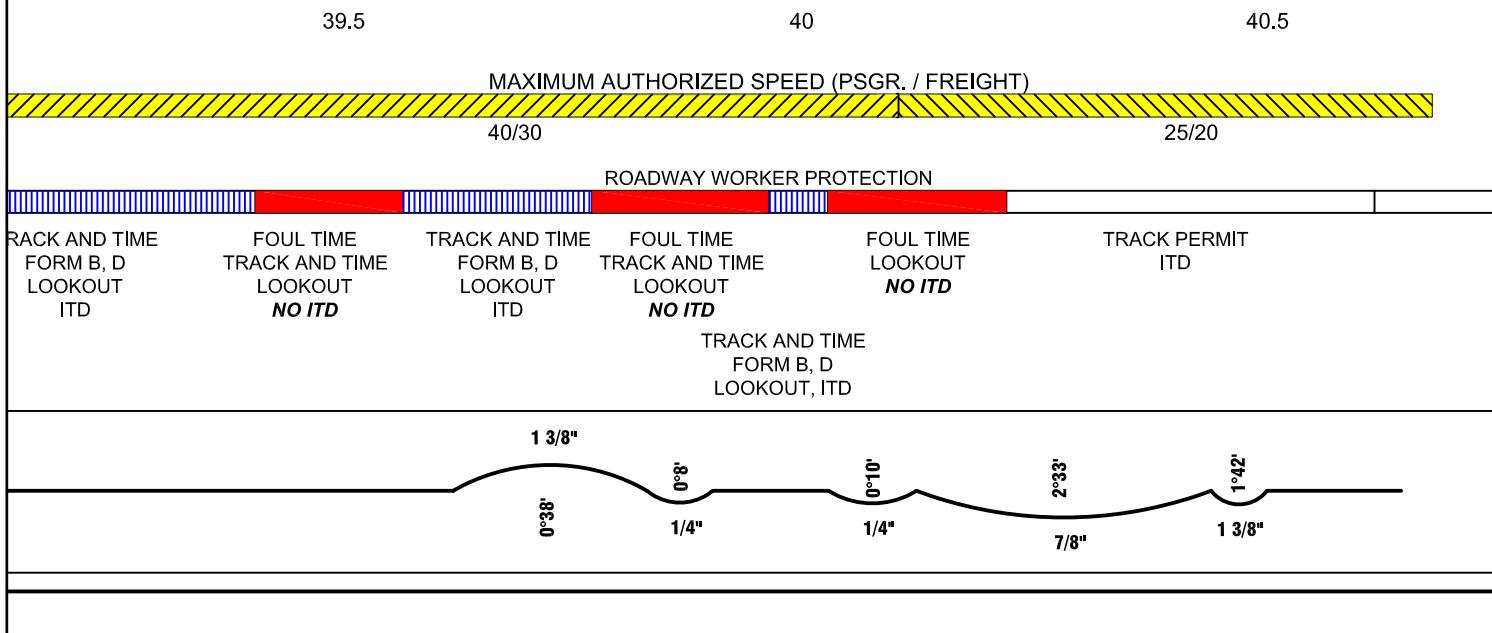
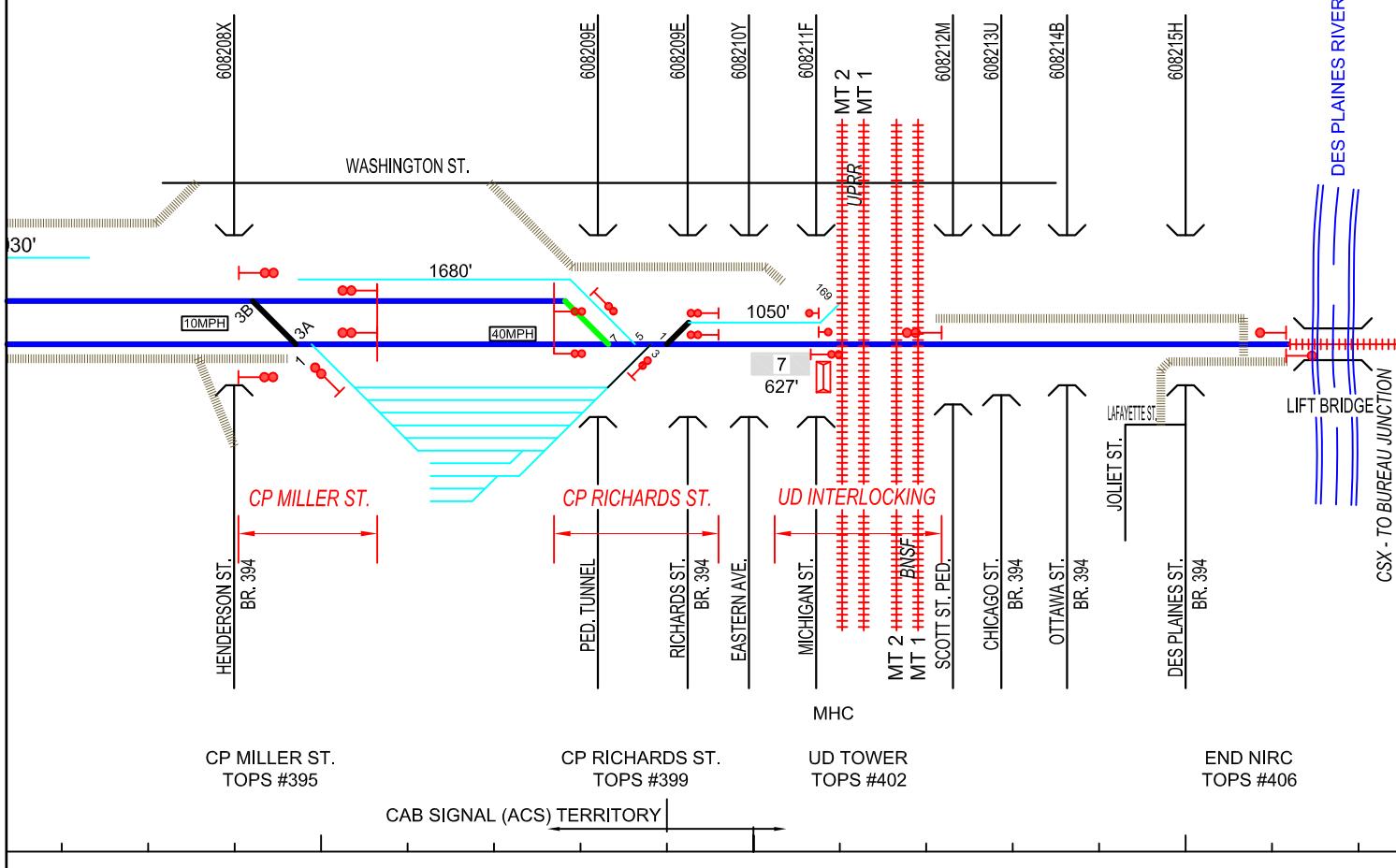
AGENT HOURS: 4:30AM - 12:30PM

WAITING ROOM HOURS: 5:00AM - 8:00PM

TOPS# 402

STATION CODE 6402

ZONE H



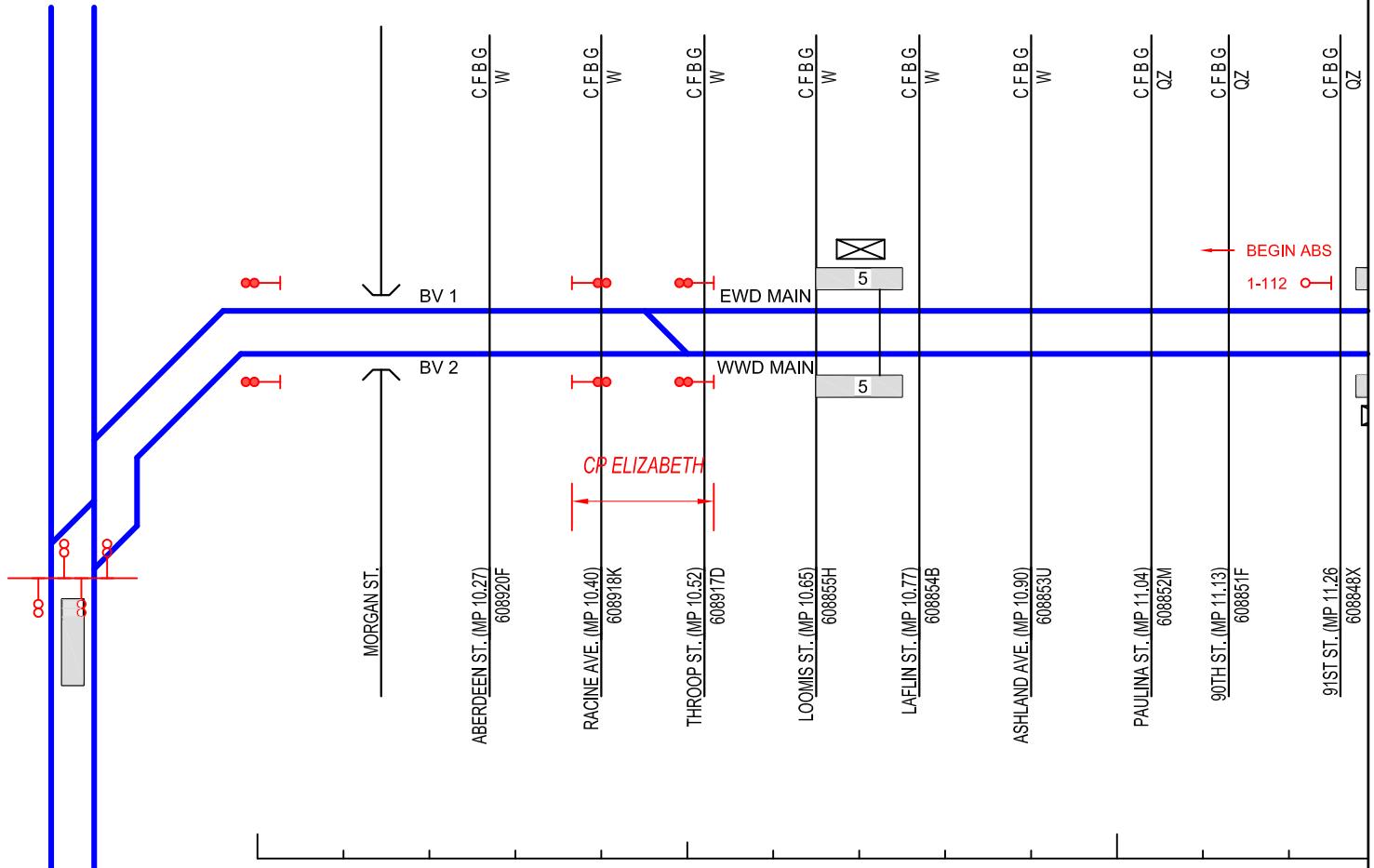
BRAINERD STATION
WH&
8901 S. LOOMIS
NO AGENT
WAITING ROOM HOURS: 5:00AM - 9:00AM
TOPS# 106
STATION CODE 7106
ZONE C

91ST S

9105

WAITIN
5:30

STAT

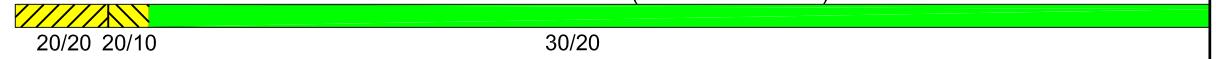


10

10.5

11

MAXIMUM AUTHORIZED SPEED (PSGR. / FREIGHT)



20/20 20/10

30/20

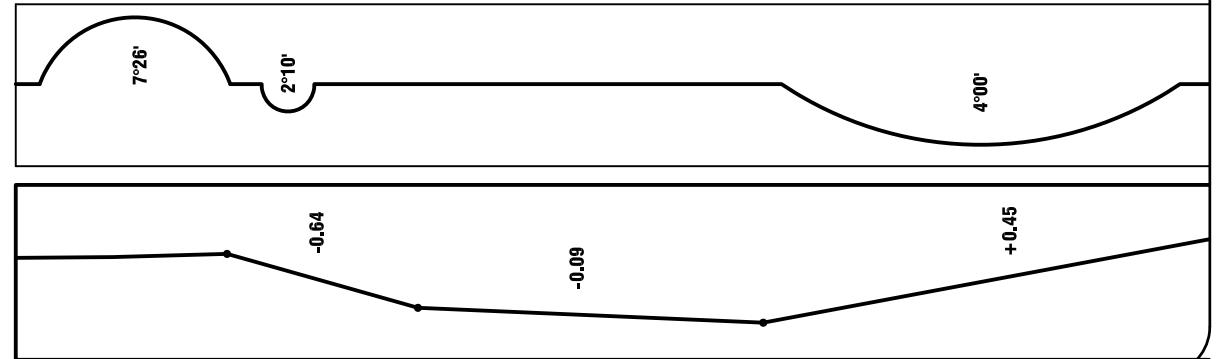
ROADWAY WORKER PROTECTION

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



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

IN ABS

2 O-1

6

X

7

EWD MAIN

C F B G

QZ

91ST ST. (MP 11.26)
608848X93RD ST. (MP 11.45)
608845C94TH ST. (MP 11.63)
608844V95TH ST. (MP 11.76)
608843N96TH ST. (MP 11.88)
608842G99TH ST. (MP 12.26)
608841A100TH ST. (MP 12.39)
608840T101ST ST. (MP 12.52)
608839Y103RD ST. (MP 12.78)
608838C

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

1°00'

2°01'

2°53'

+0.86

-0.06

-0.50

0.00

-0.12

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

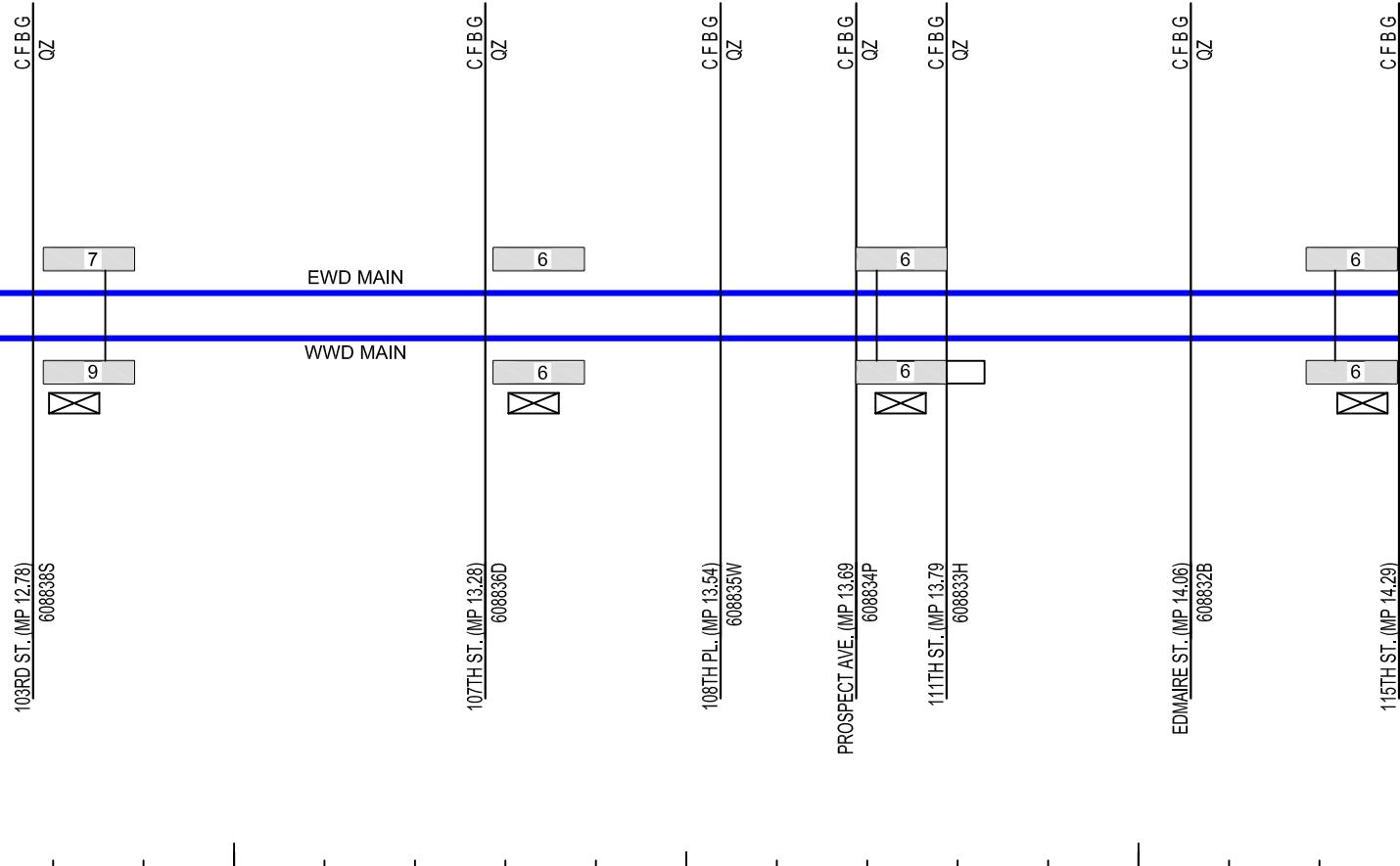
WAITING ROOM HOURS:

5:15AM - 10:00AM M-F

TOPS# 143

STATION CODE 7143

ZONE C



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

-0.12

+0.04

-0.38

-0.11

-0.06

ATION

E

OURS:

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

SHELT

STAT

7143

C F B G
QZ

C F B G
W

C F B G
W

C F B G
W

6

4

6

EWD MAIN

WWD MAIN

X

∞ 145
BEGIN ABS

6

X

3

MT 2

MT 1

CP 15.6

115TH ST. (MP 14.29)
608831U

119TH ST. (MP 14.29)
608831U

VINCENNES AVE. (MP 14.93)
608829T

123RD ST. (MP 15.31)
608828L

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

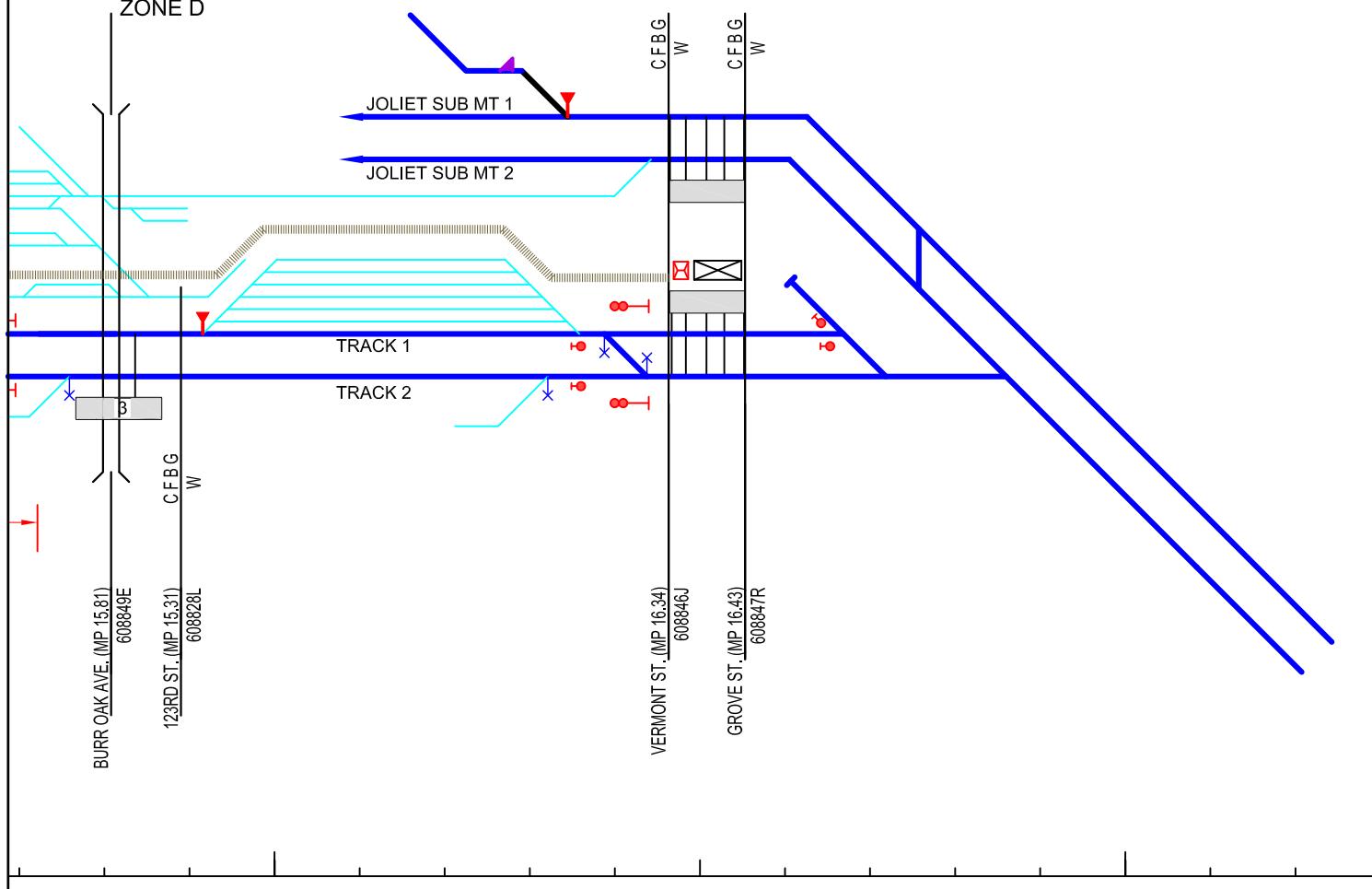
-0.23

-0.05

-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

TIME

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"

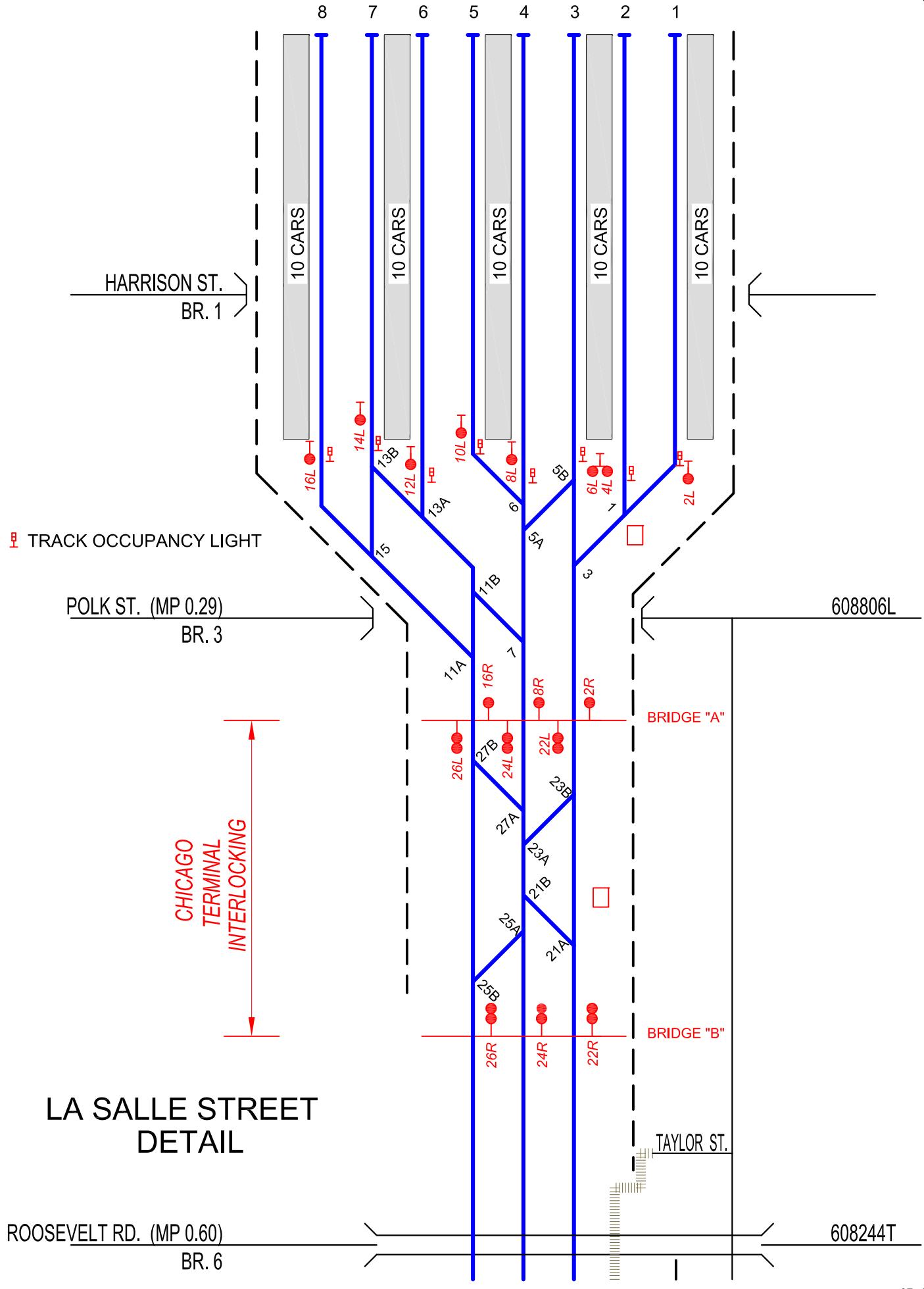
+0.03

-0.25

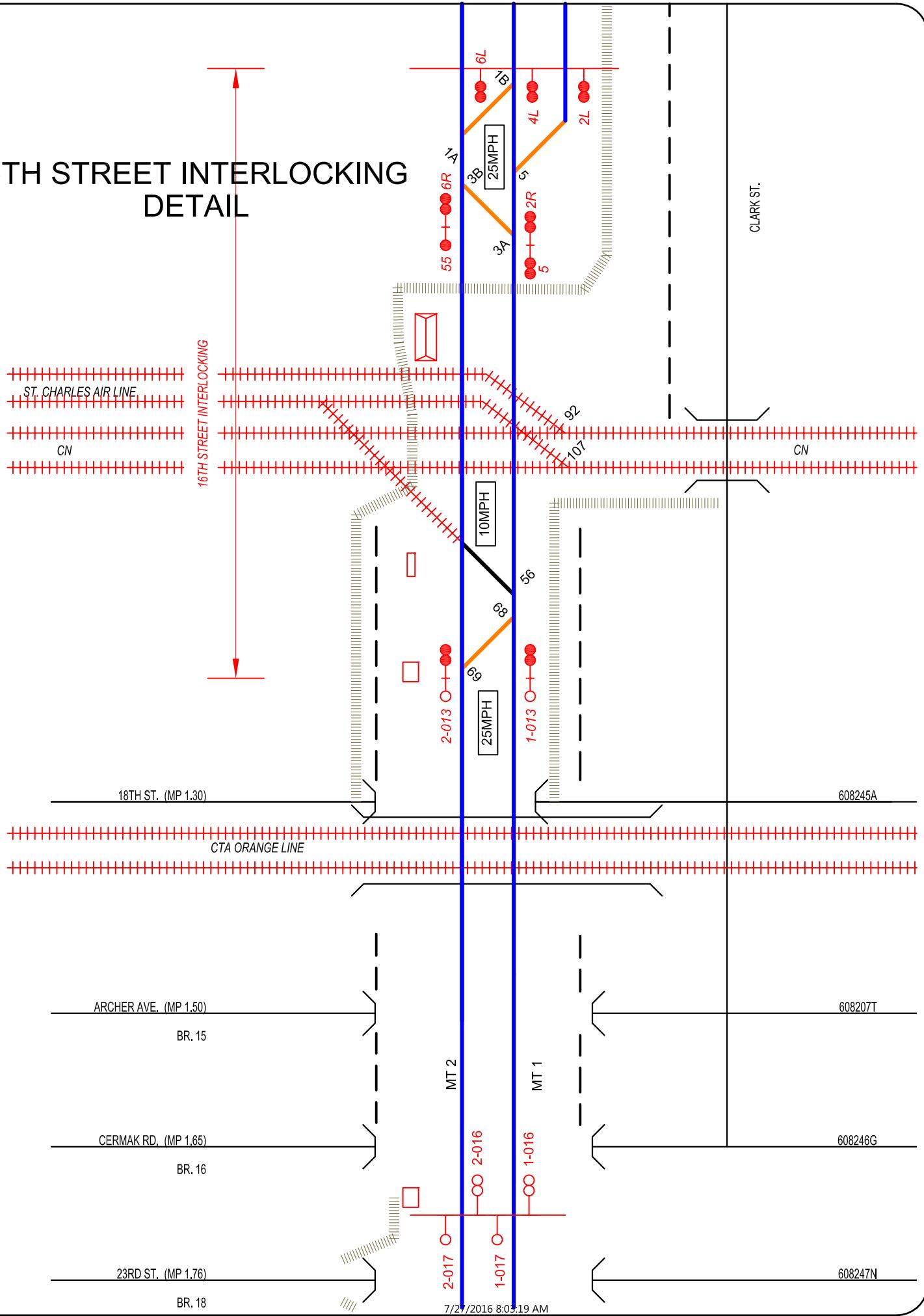
-0.34

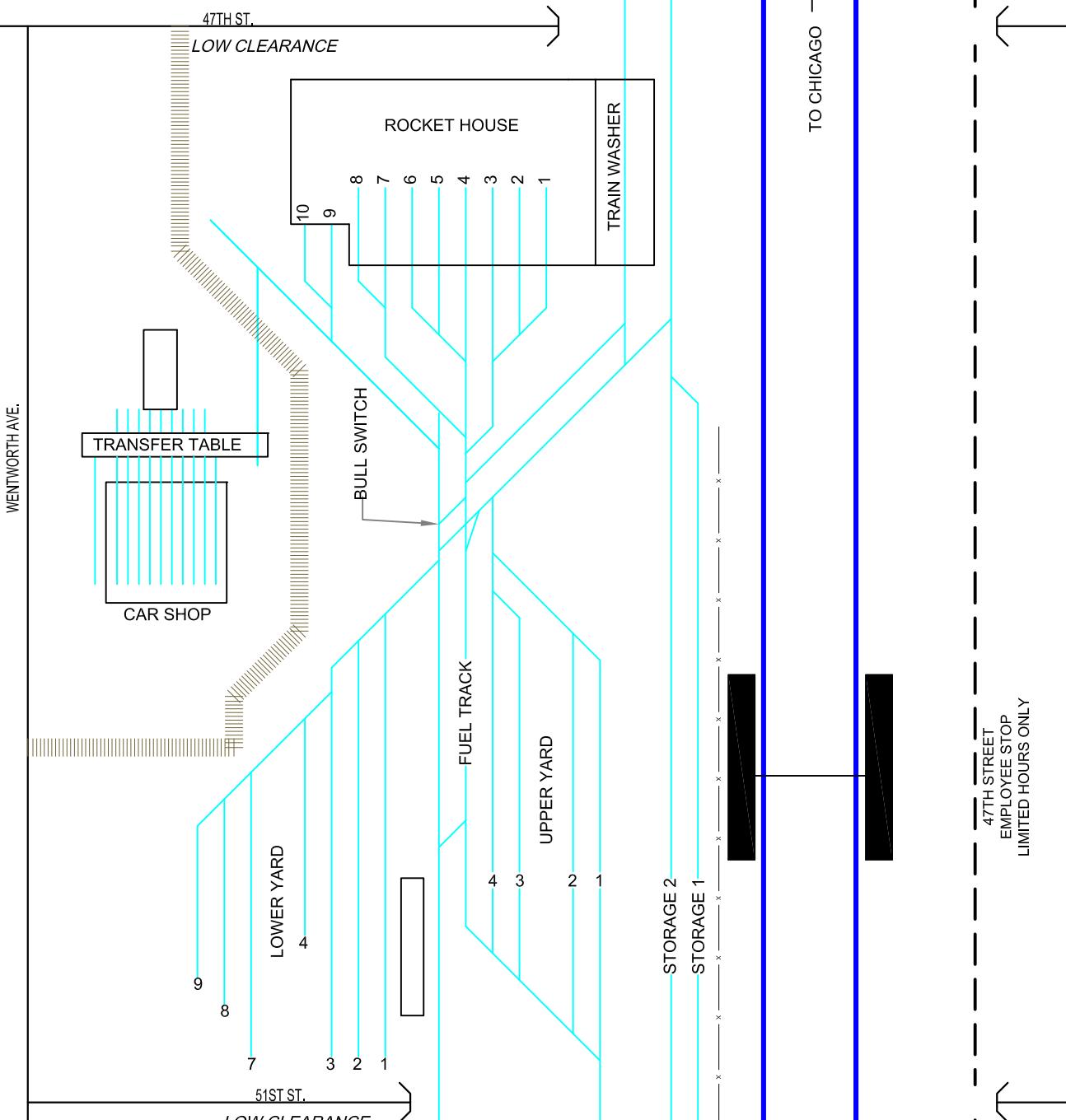
-0.07

+0.44



16TH STREET INTERLOCKING DETAIL



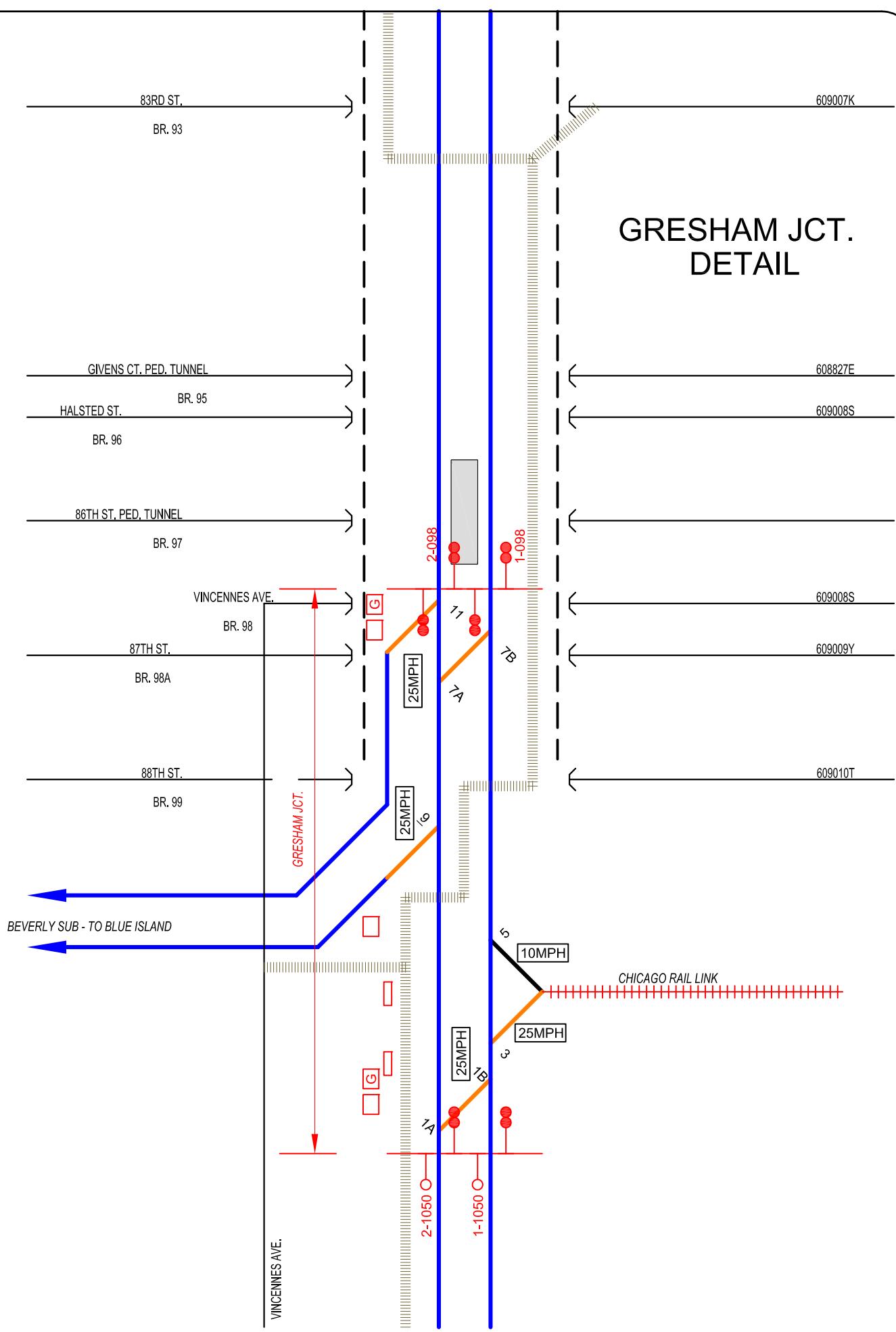


47TH STREET YARD DETAIL

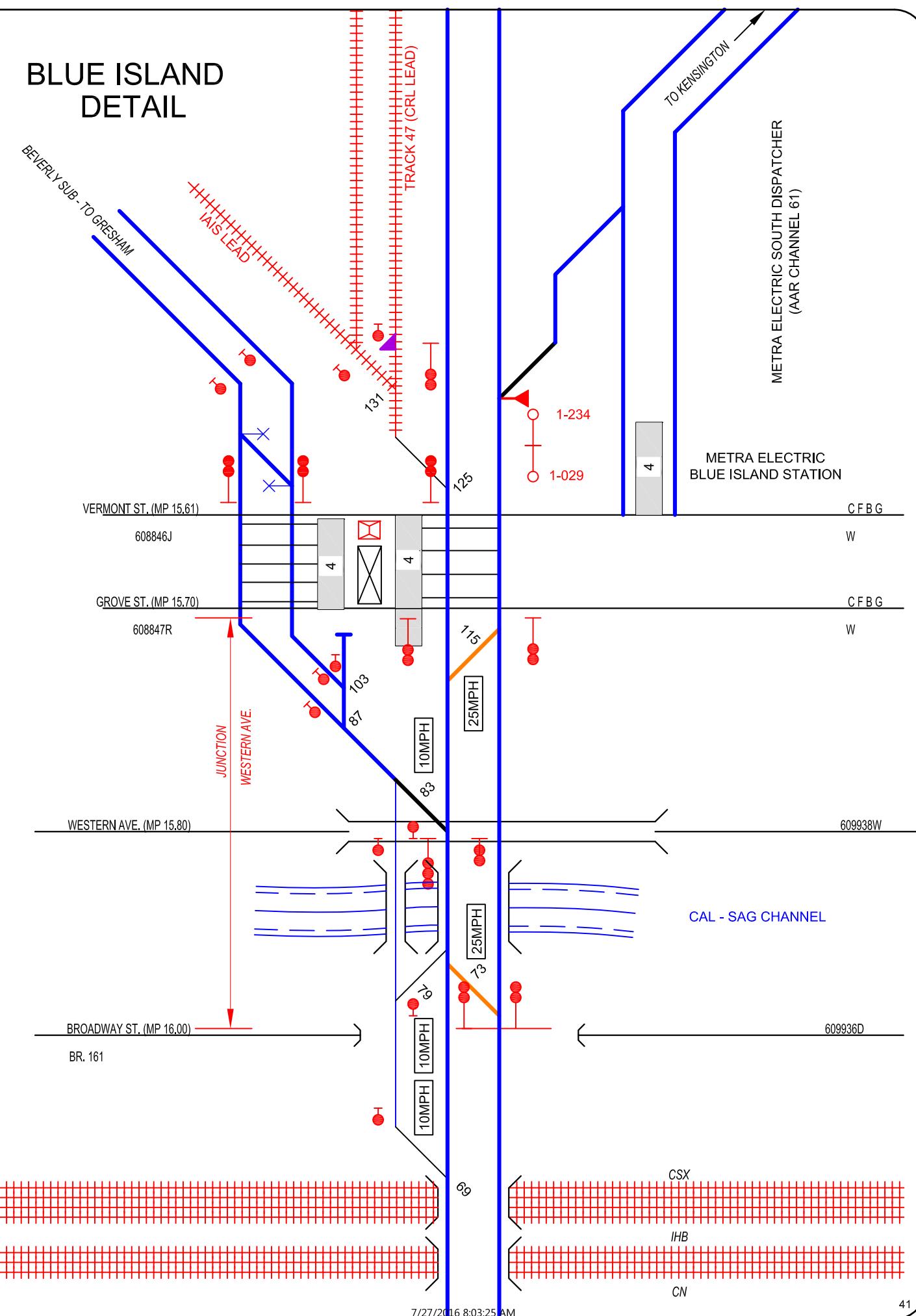
53RD ST.

7/27/2016 8:03:21 AM

GRESHAM JCT. DETAIL

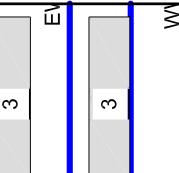


BLUE ISLAND DETAIL



123RD STREET STATION

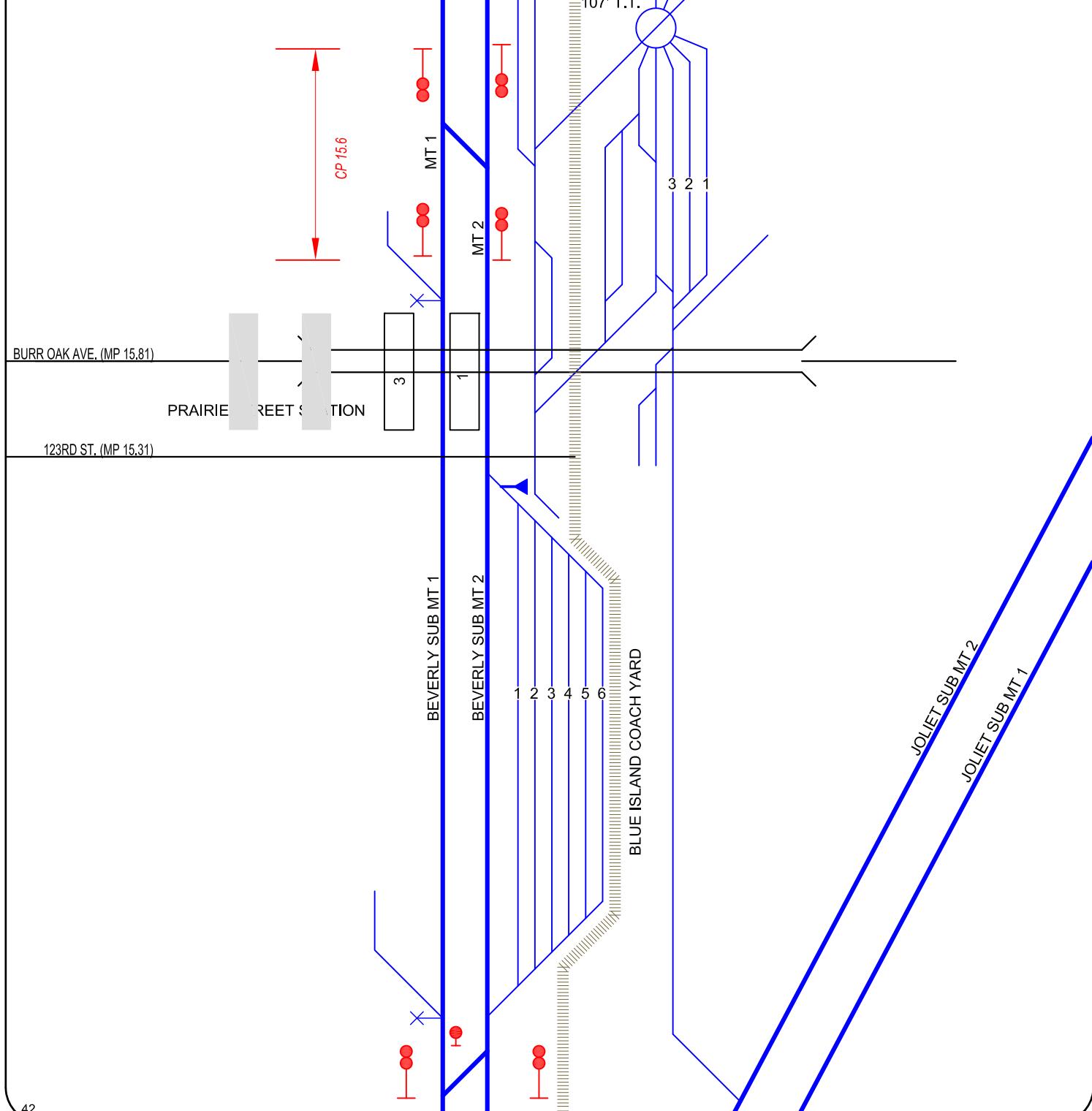
123RD ST. (MP 15.31)



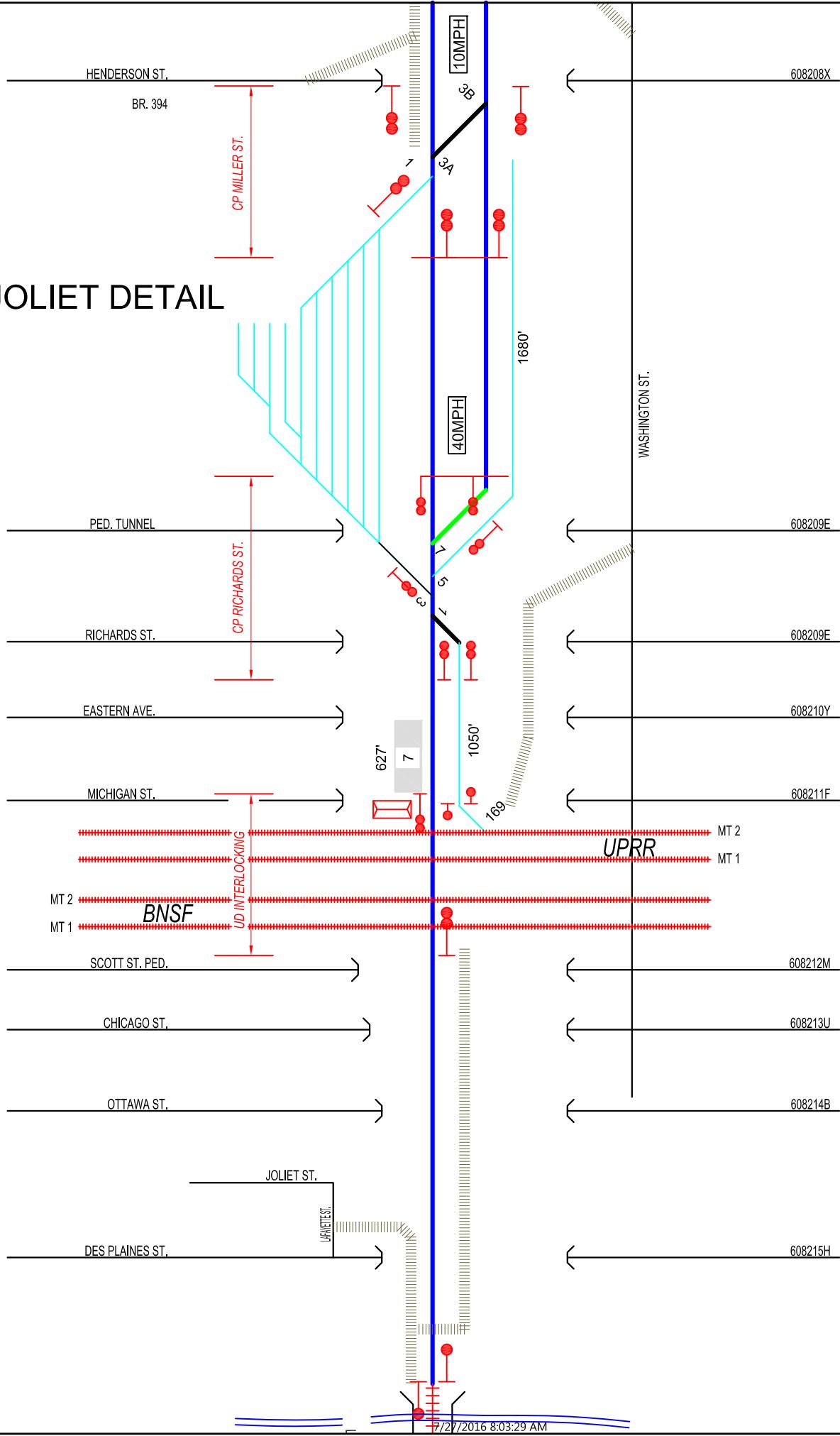
BLUE ISLAND YARD DETAIL

B.I. ENGINEERING

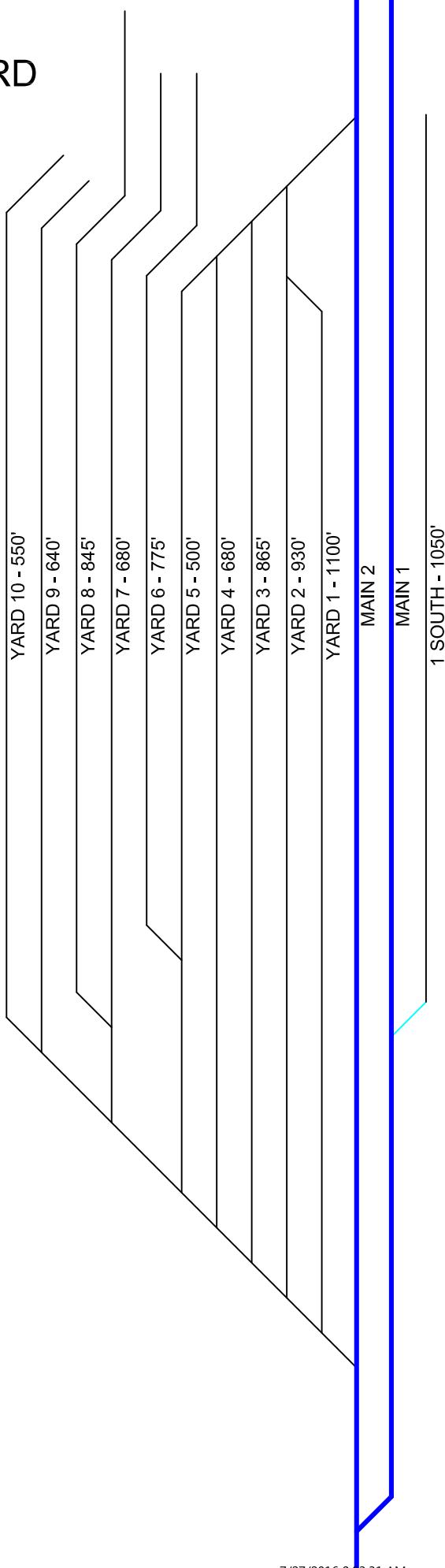
WHEEL SHOP

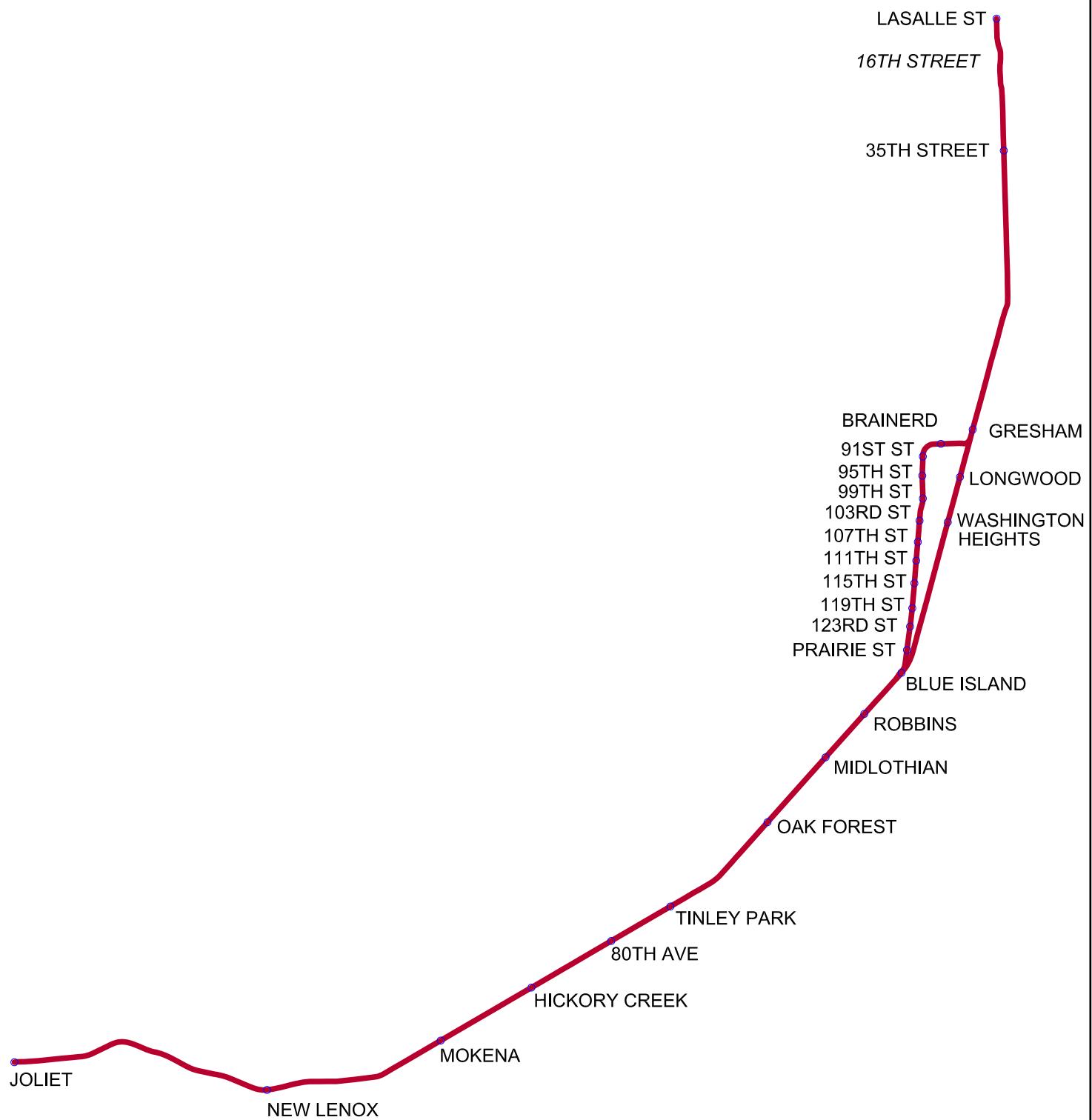


JOLIET DETAIL



JOLIET YARD DETAIL





Appendix B: Quality Plan



METRA MECHANICAL DEPARTMENT

QUALITY PLAN

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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
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(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