

# High Speed Rail Empire Corridor

Tier 1 Final Environmental  
Impact Statement  
Volume 2



U.S. Department of Transportation  
Federal Railroad Administration

Prepared by:  
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and Architecture, PC

In association with:  
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Louis T. Klauder & Associates  
AKRF, Inc.  
Pinyon Environmental, Inc.



## High Speed Rail Empire Corridor Program Tier 1 Final Environmental Impact Statement

This Tier 1 Final Environmental Impact Statement (EIS) consists of five volumes:

**Volume 1 Environmental Impact Statement**, which includes:

- Executive Summary
- Chapter 1, Introduction and Purpose and Need
- Chapter 2, Existing Transportation Conditions and Major Markets
- Chapter 3, Alternatives
- Chapter 4, Social, Economic, and Environmental Considerations
- Chapter 5, Financial Capacity
- Chapter 6, Comparison of Alternatives
- Chapter 7, Comments and Coordination
- References, Acronyms, Glossary of Terms, and List of Preparers

**Volume 2 Appendix A - Track Schematics**

Track schematic (11"x17") plans of the Base Alternative and four Build Alternatives

**Volume 3 Appendices B through H**

- Appendix B Ridership and Revenue Forecasting
- Appendix C Alternatives Development and Screening Report
- Appendix D Rail Network Operations Simulation
- Appendix E Existing Transportation Conditions Supporting Documentation
- Appendix F Capital, Operating, and Maintenance Costs Estimating Methodology
- Appendix G Environmental Inventory and Impact Assessment
- Appendix H Service Development Plan

**Volume 4 Appendices I through J**

- Appendix I Agency Correspondence
  - Cooperating Agencies Correspondence
  - Participating Agencies Correspondence
  - Agency Notification Correspondence
- Appendix J CSXT and NYSDOT Agreements

**Volume 5 Appendix K**

- Appendix K Responses to Comments on the Tier 1 Draft EIS

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## Table of Contents

Track Schematics for Base Alternative

Track Schematics for Alternative 90A

Track Schematics for Alternative 90B

Track Schematics for Alternative 110

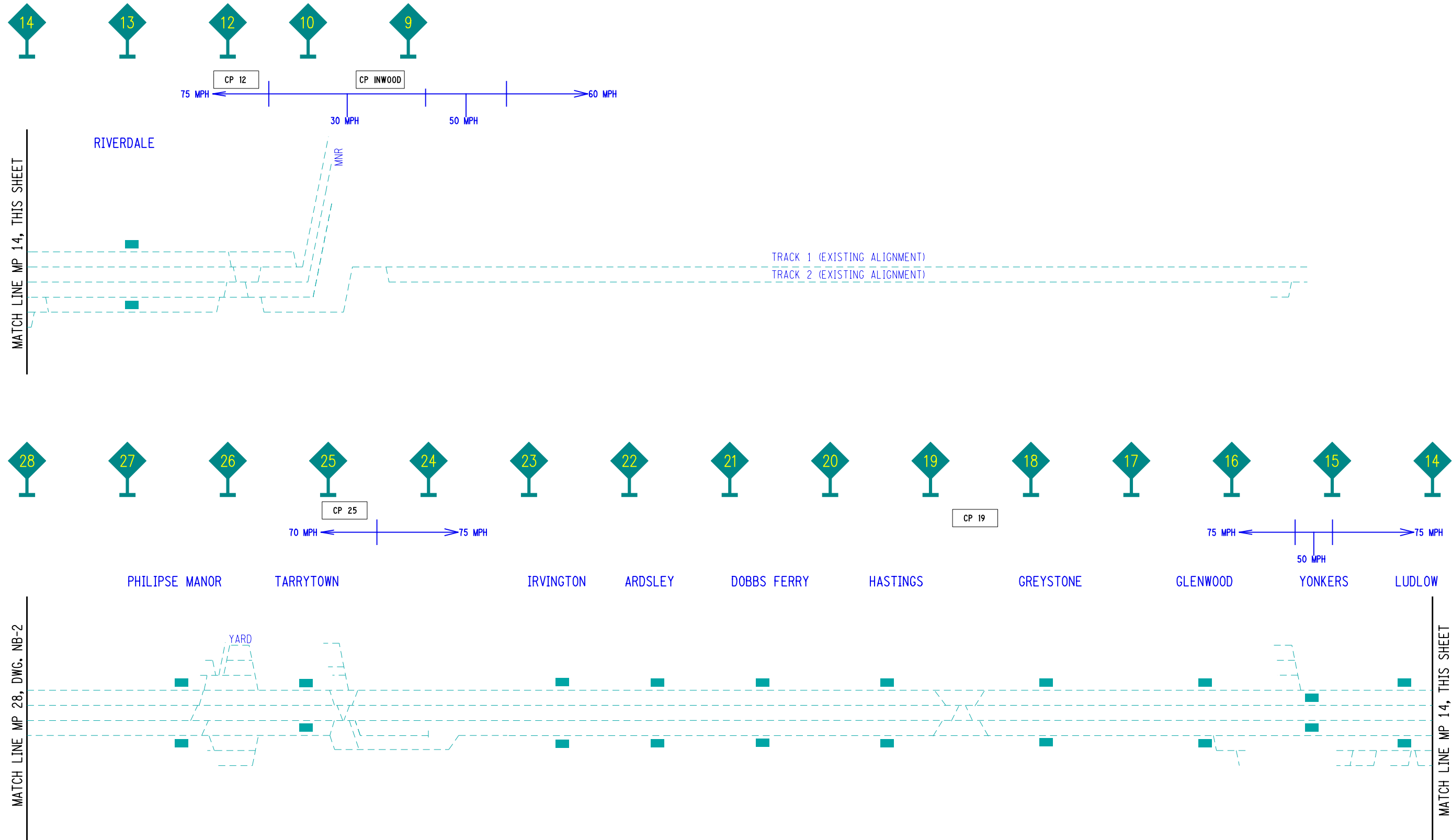
Track Schematics for Alternative 125



## Track Schematics for Base Alternative

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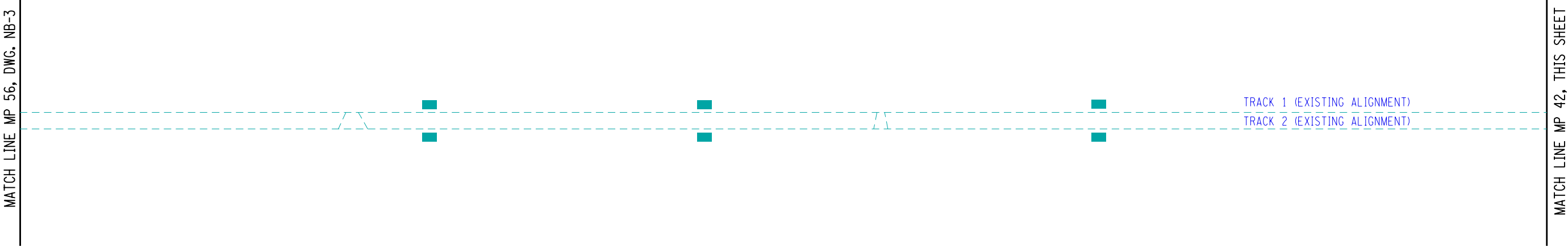
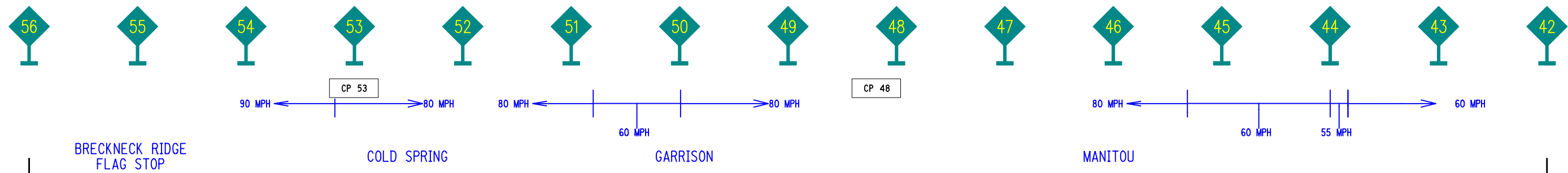
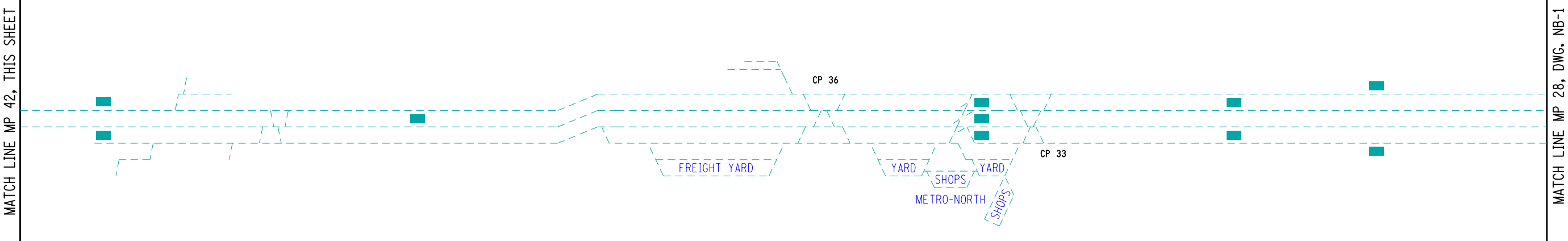
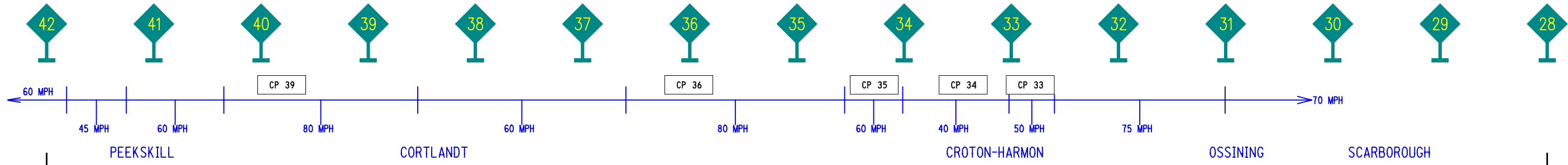
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  - NEW TRACK
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  - PROPOSED STATION
  - CP XX EXISTING CONTROL POINT
  - CP XX NEW CONTROL POINT
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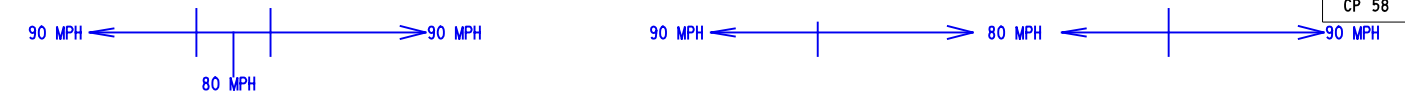
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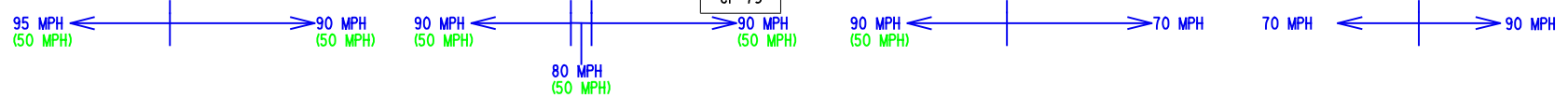
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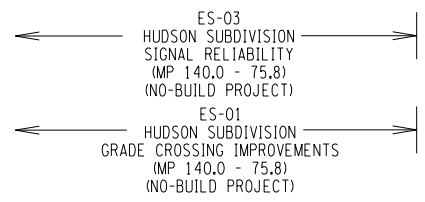


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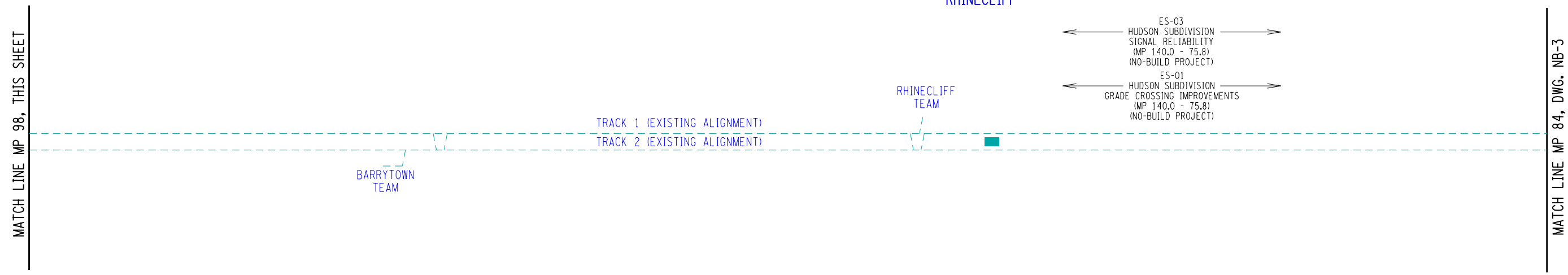
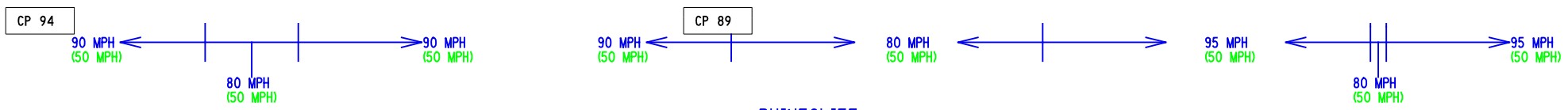
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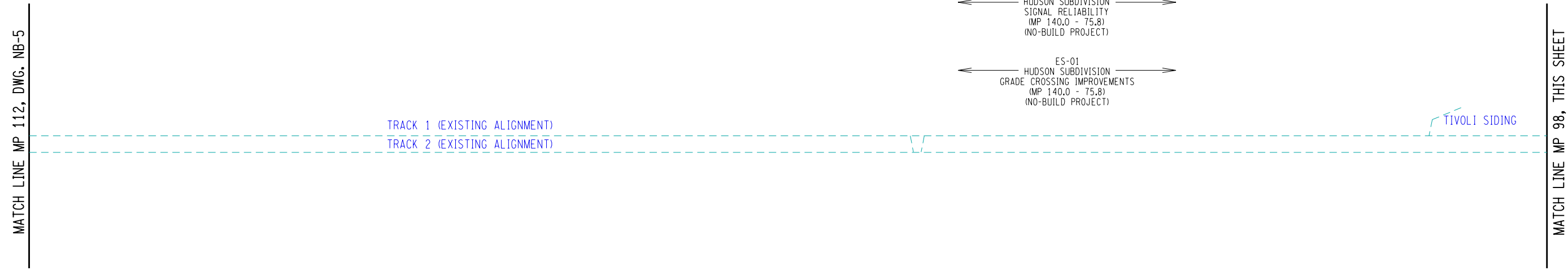
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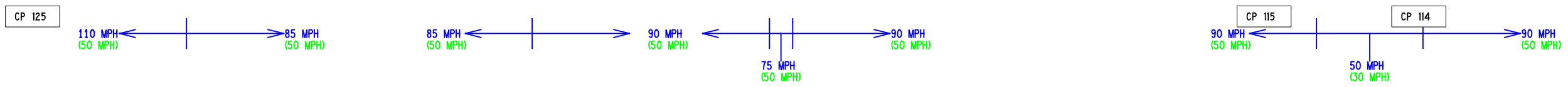


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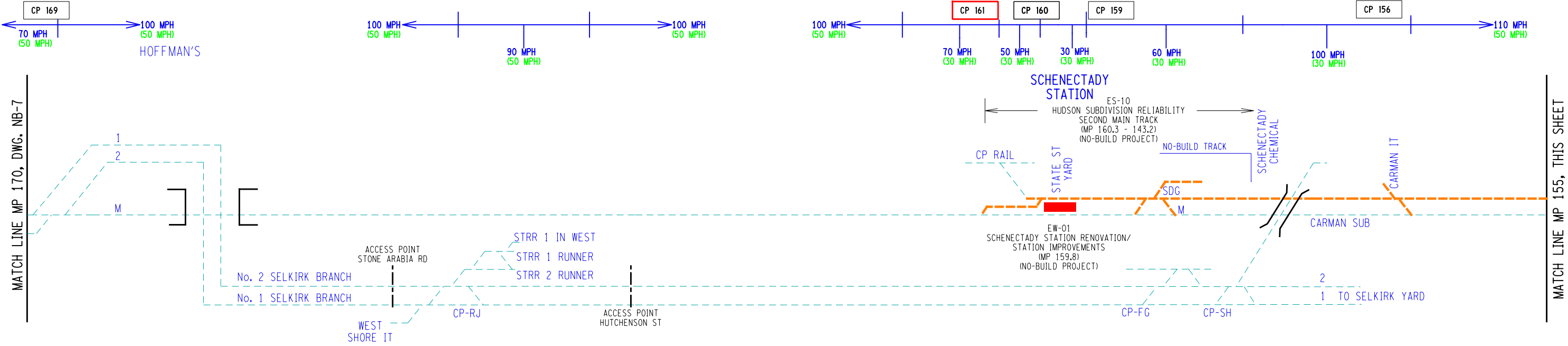
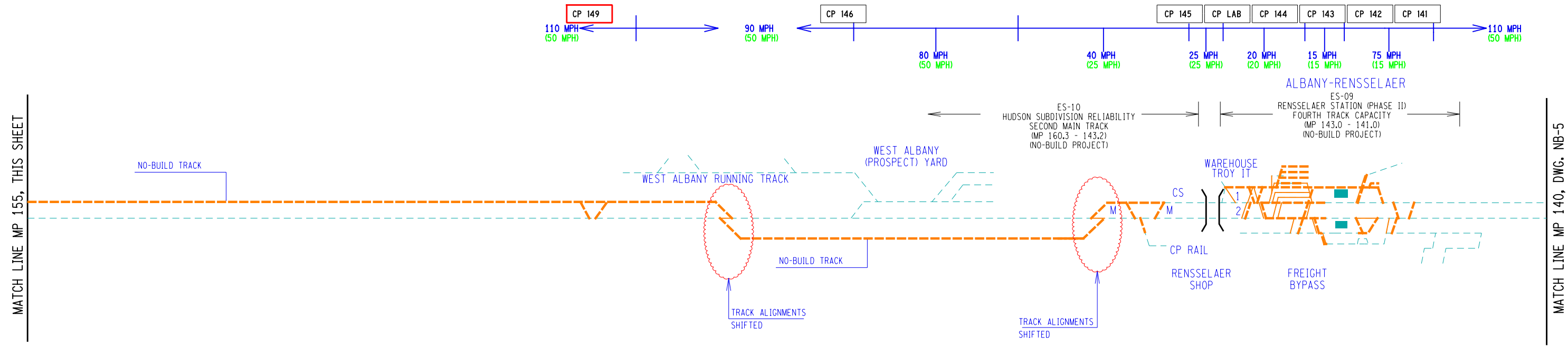
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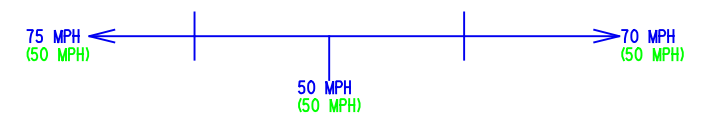


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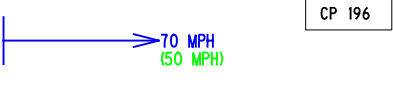
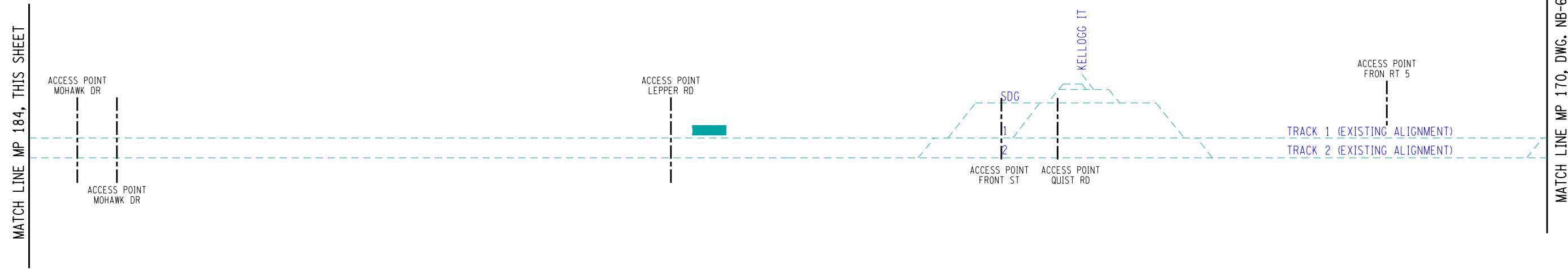
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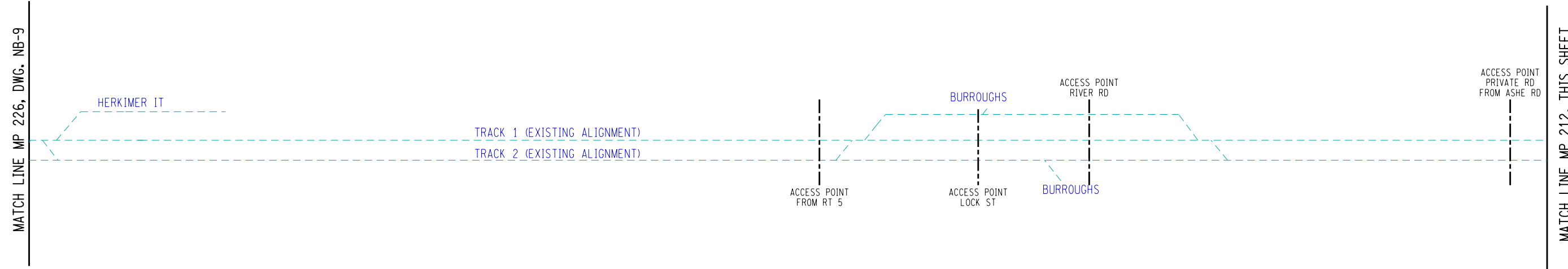
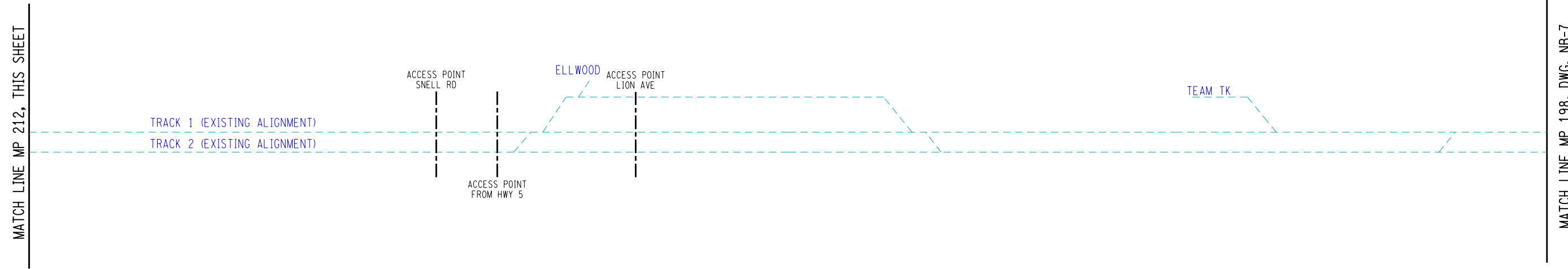
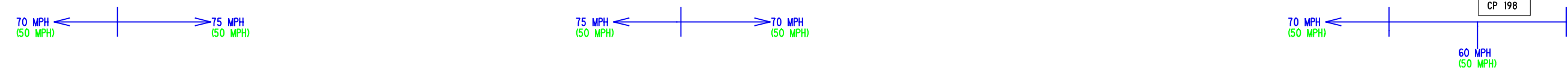
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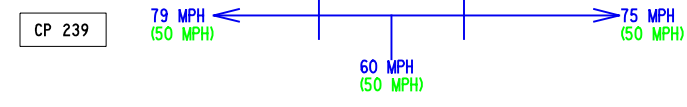
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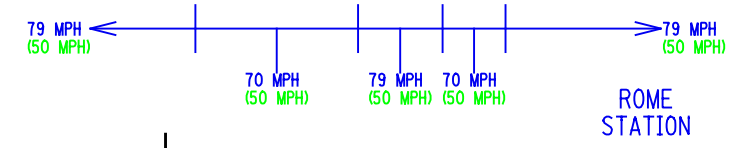
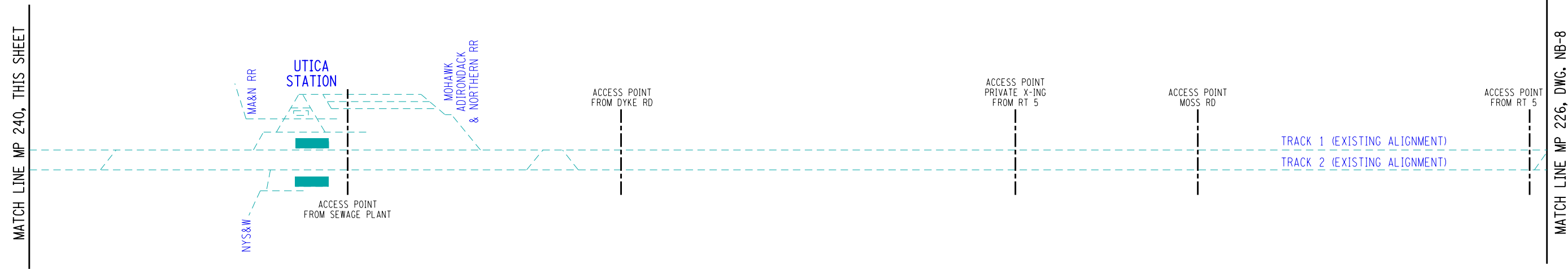
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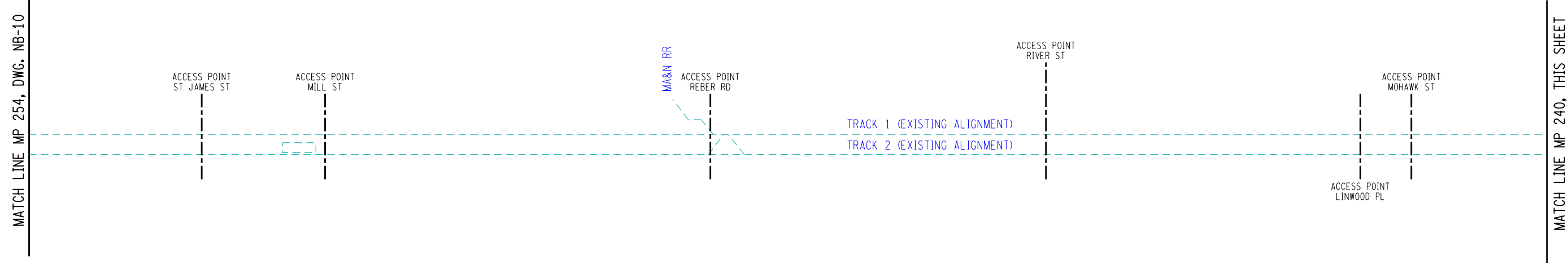
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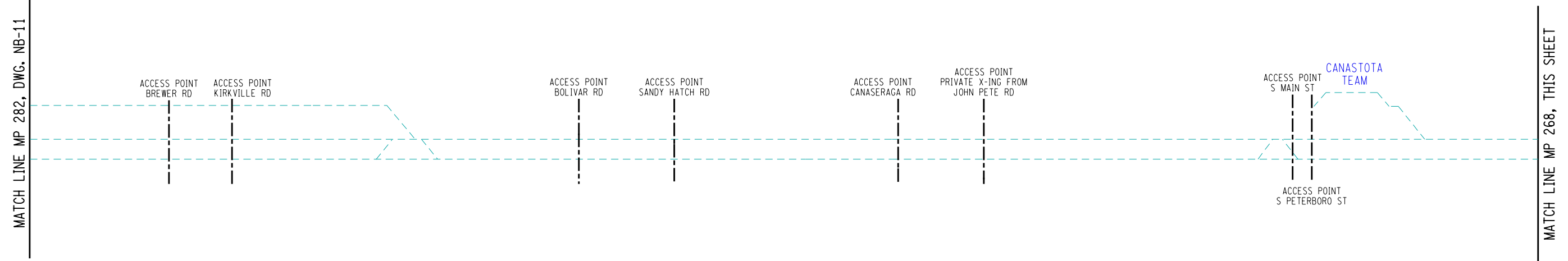
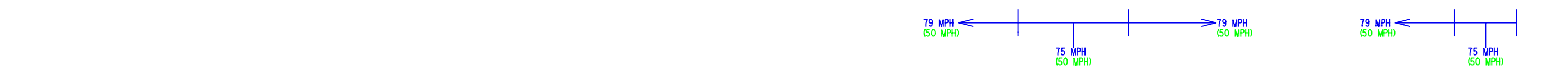
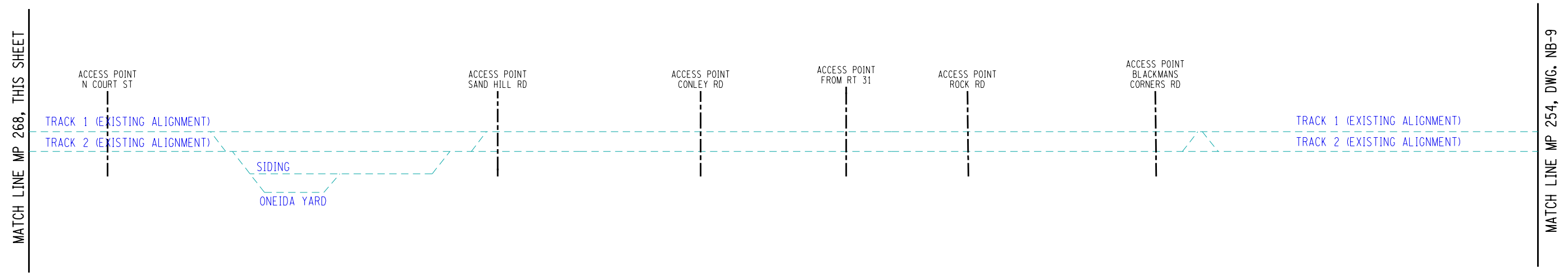
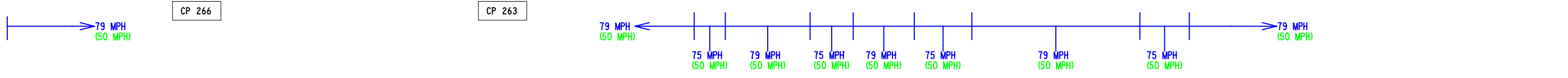


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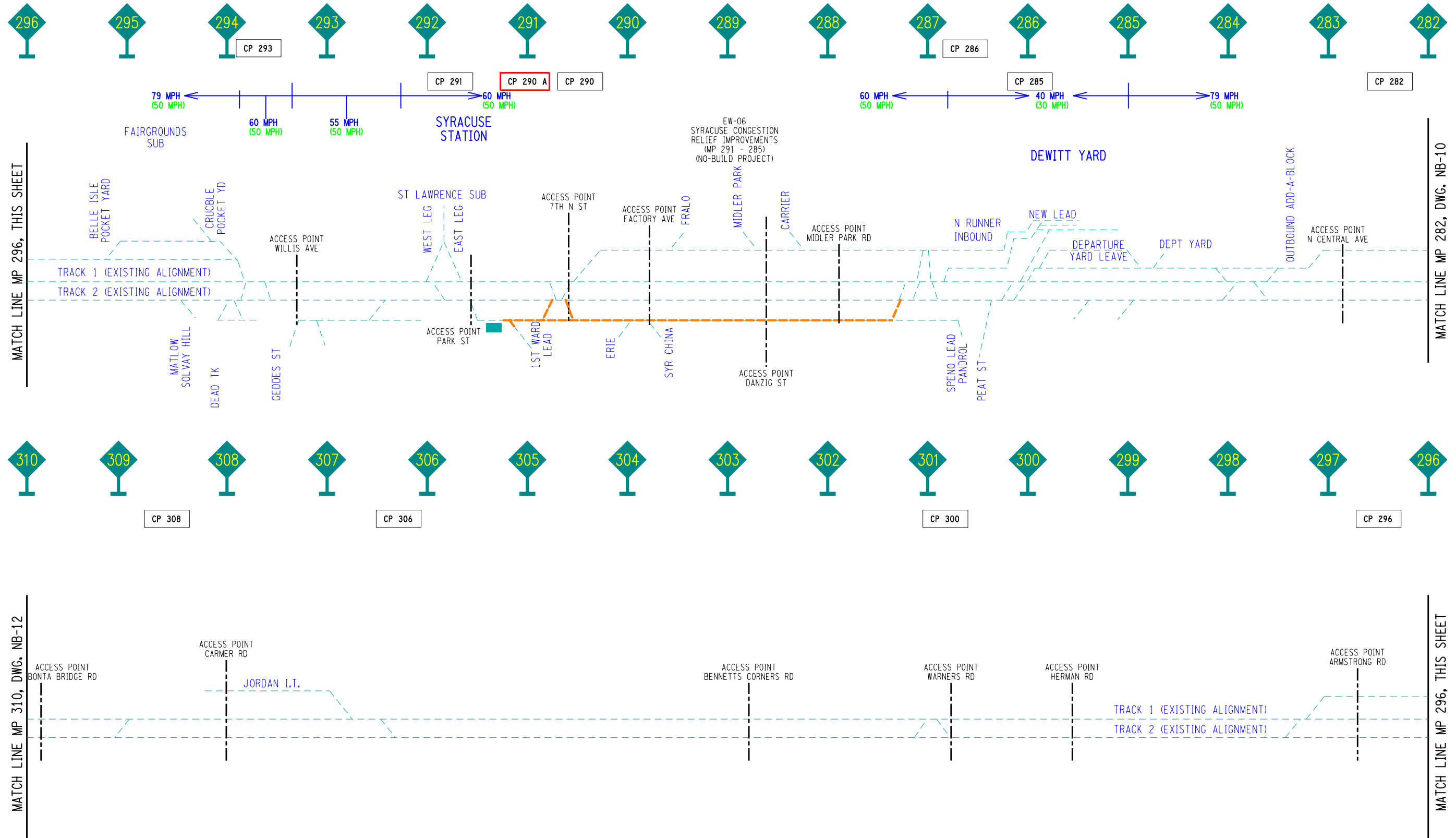
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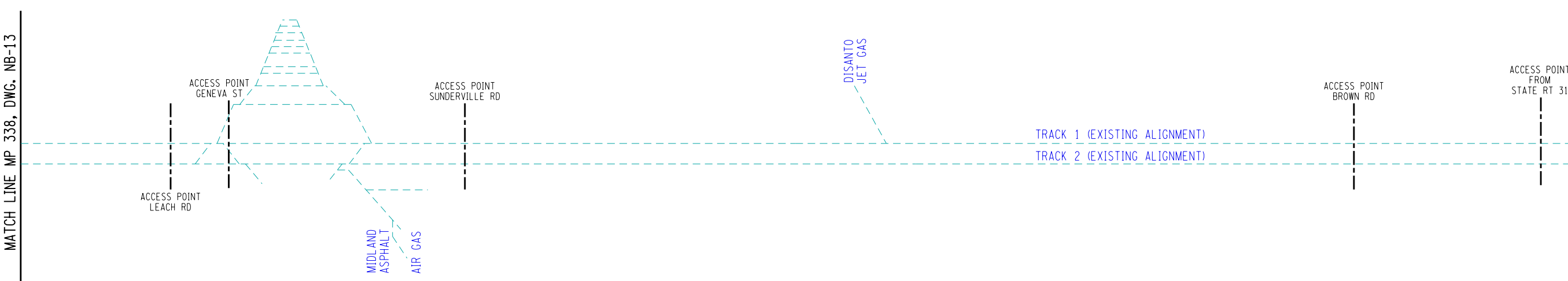
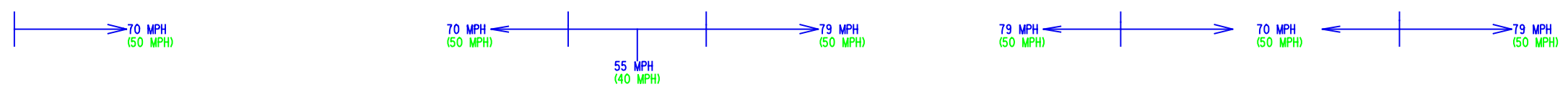
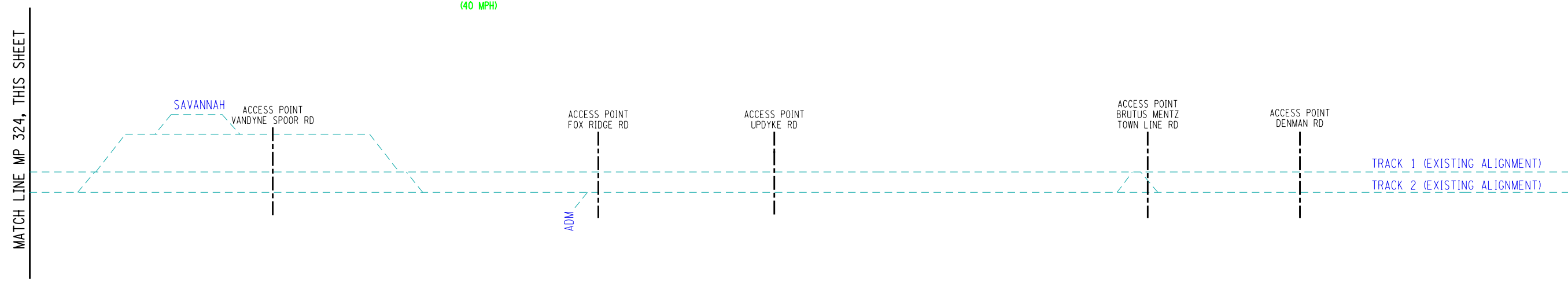
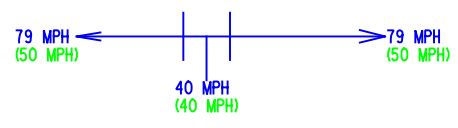
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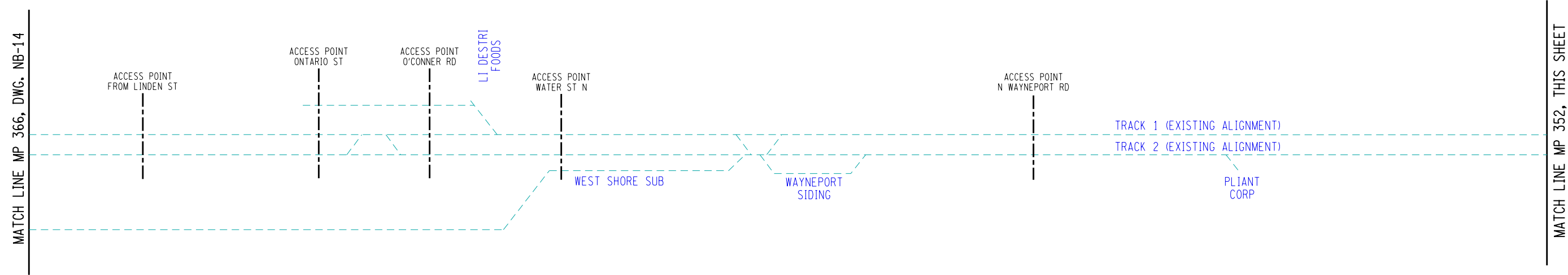
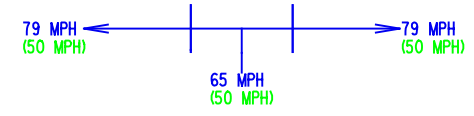
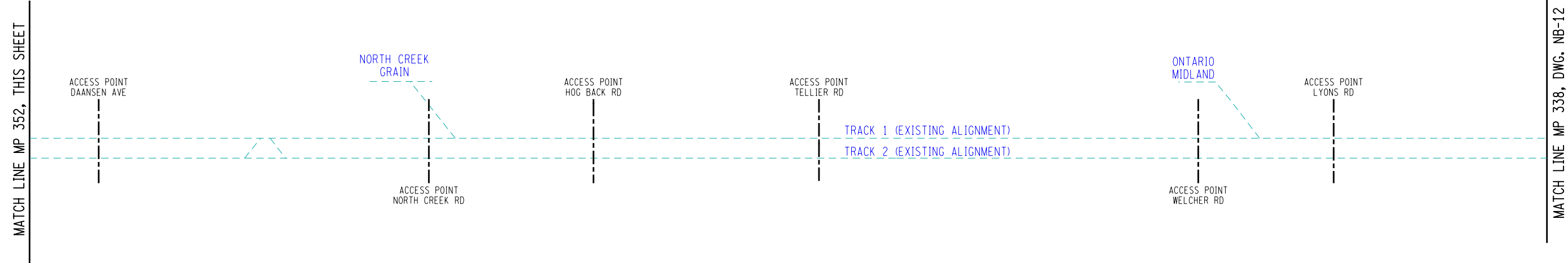
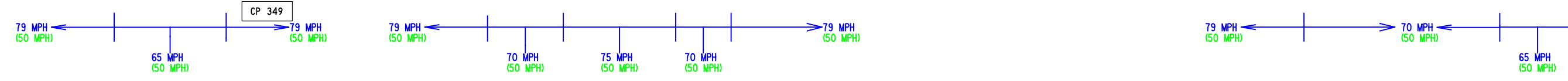
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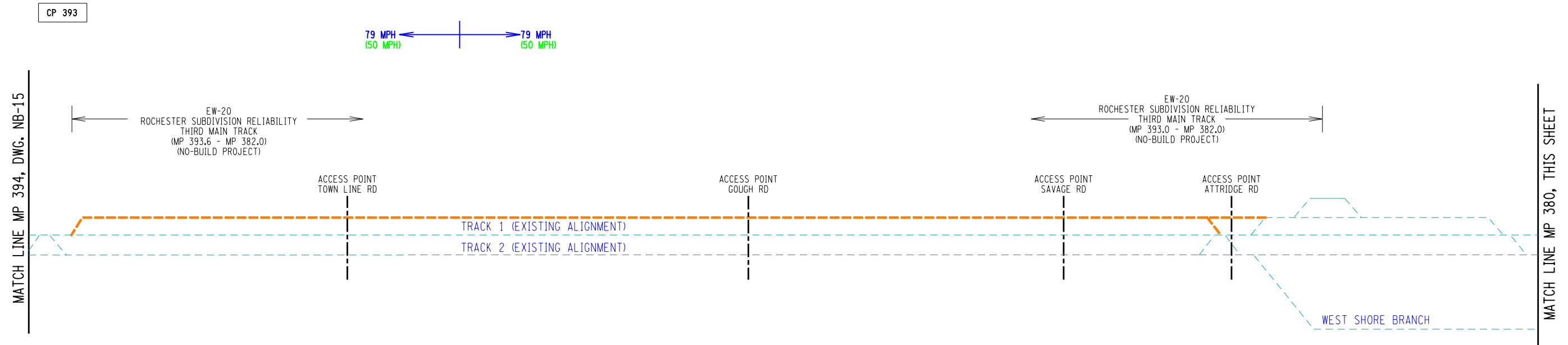
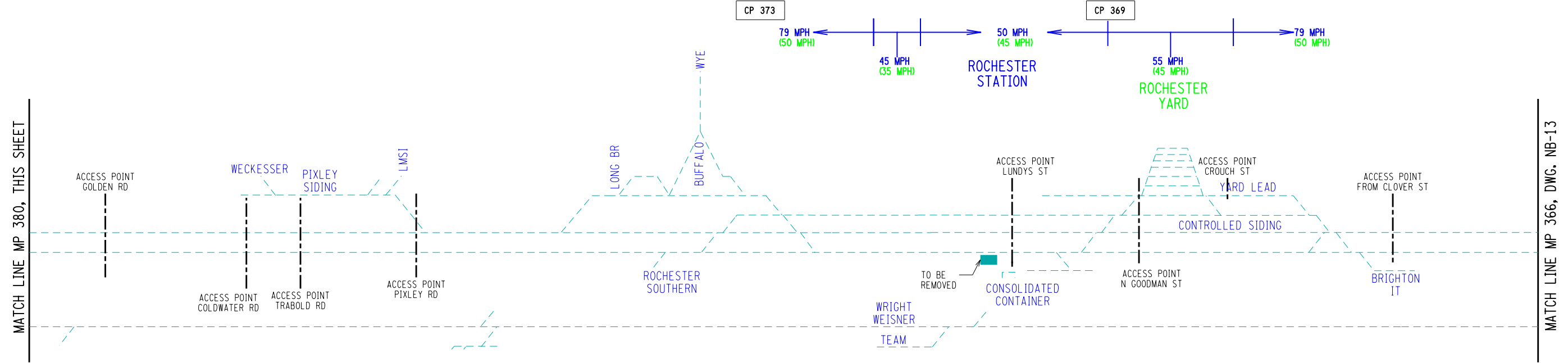
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  - NO-BUILD TRACK
  - NEW TRACK
  - EXISTING STATION PLATFORM
  - PROPOSED STATION
  - EXISTING CONTROL POINT
  - NEW CONTROL POINT
  - ROCK CUT
  - XX MPH PROPOSED PASSENGER SPEED
  - XX MPH EXISTING PASSENGER SPEED
  - XX MPH EXISTING/PROPOSED FREIGHT SPEED

	NYSDOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	BASE ALTERNATIVE (NO-ACTION) TRACK SCHEMATICS	DRAWING NO. NB-13 SHEET NO. 13 DATE: MAY, 2012



- LEGEND:**
- EXISTING TRACK
  - OTHER RAILROAD
  - TRACK TO BE REMOVED
  - NO-BUILD TRACK
  - NEW TRACK
  - EXISTING STATION PLATFORM
  - PROPOSED STATION
  - EXISTING CONTROL POINT
  - NEW CONTROL POINT
  - ROCK CUT
  - XX MPH PROPOSED PASSENGER SPEED
  - XX MPH EXISTING PASSENGER SPEED
  - XX MPH EXISTING/PROPOSED FREIGHT SPEED

 HNTB CIA <small>Wilmington, PA Box 9269 • Albany, NY 12205-0269                  Mobile (518) 455-4500 • www.hntbcia.com</small>	NYSOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	BASE ALTERNATIVE (NO-ACTION) TRACK SCHEMATICS	DRAWING NO. NB-14 SHEET NO. 14 DATE: MAY, 2012



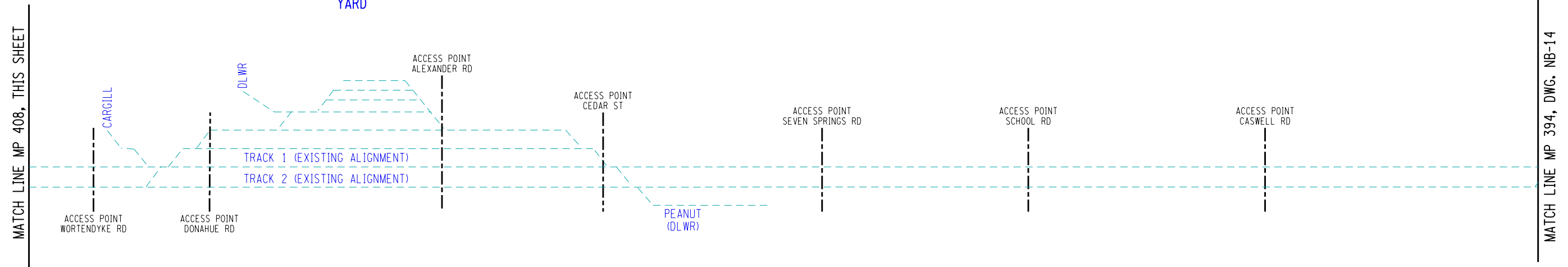


CP 406

CP 402

79 MPH (50 MPH) ← | → 79 MPH (50 MPH)

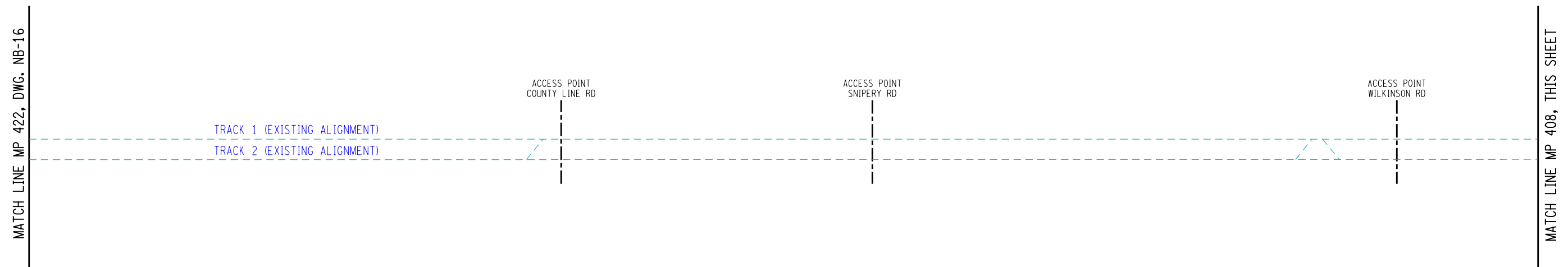
BATAVIA YARD



CP 417

79 MPH (50 MPH) ← | → 79 MPH (50 MPH)

CP 410

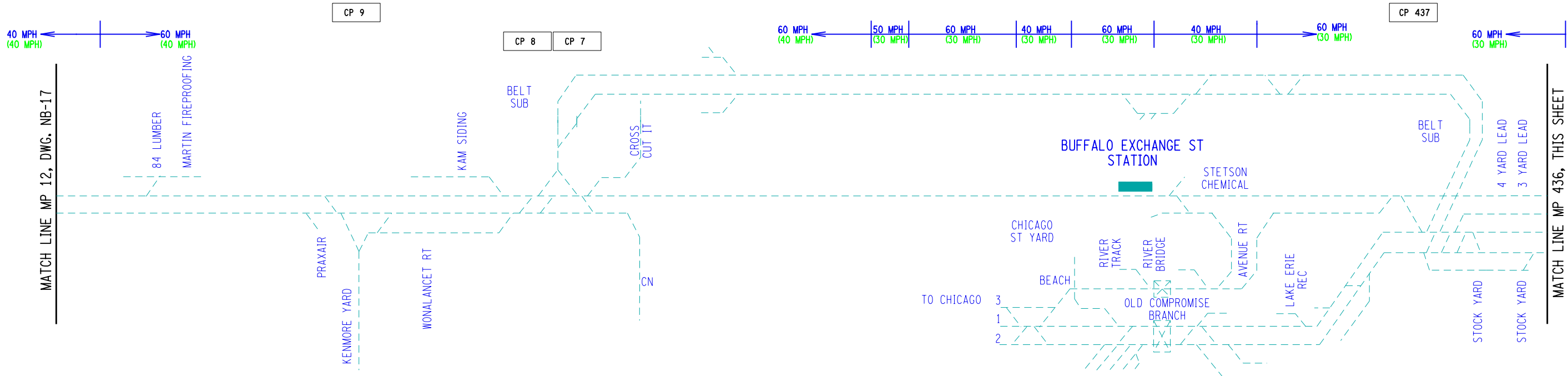
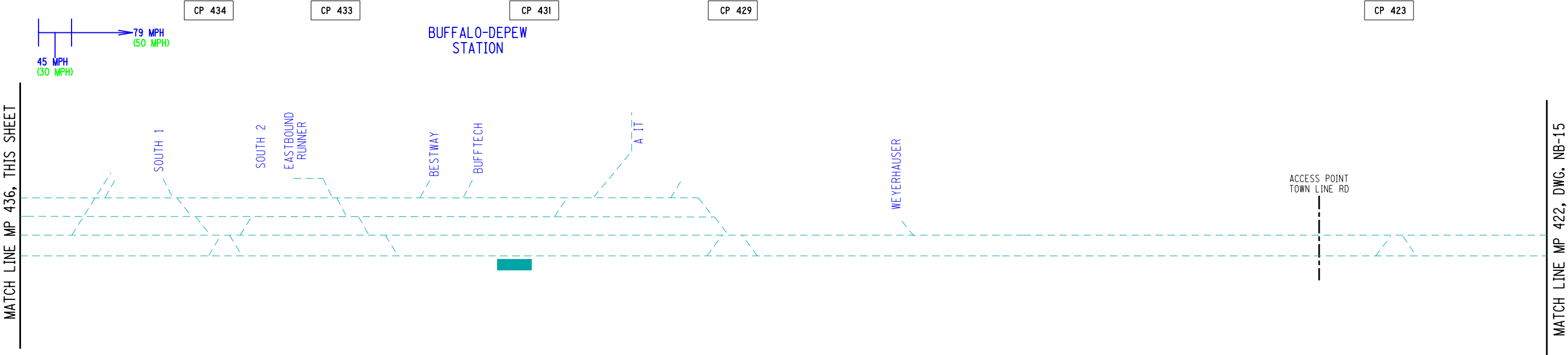


LEGEND:

- EXISTING TRACK
- OTHER RAILROAD
- TRACK TO BE REMOVED
- NO-BUILD TRACK
- NEW TRACK
- EXISTING STATION PLATFORM
- PROPOSED STATION
- EXISTING CONTROL POINT
- NEW CONTROL POINT
- ROCK CUT
- XX MPH PROPOSED PASSENGER SPEED
- XX MPH EXISTING PASSENGER SPEED
- XX MPH EXISTING/PROPOSED FREIGHT SPEED

	NYSDOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	BASE ALTERNATIVE (NO-ACTION) TRACK SCHEMATICS	DRAWING NO. NB-15 SHEET NO. 15 DATE: MAY, 2012

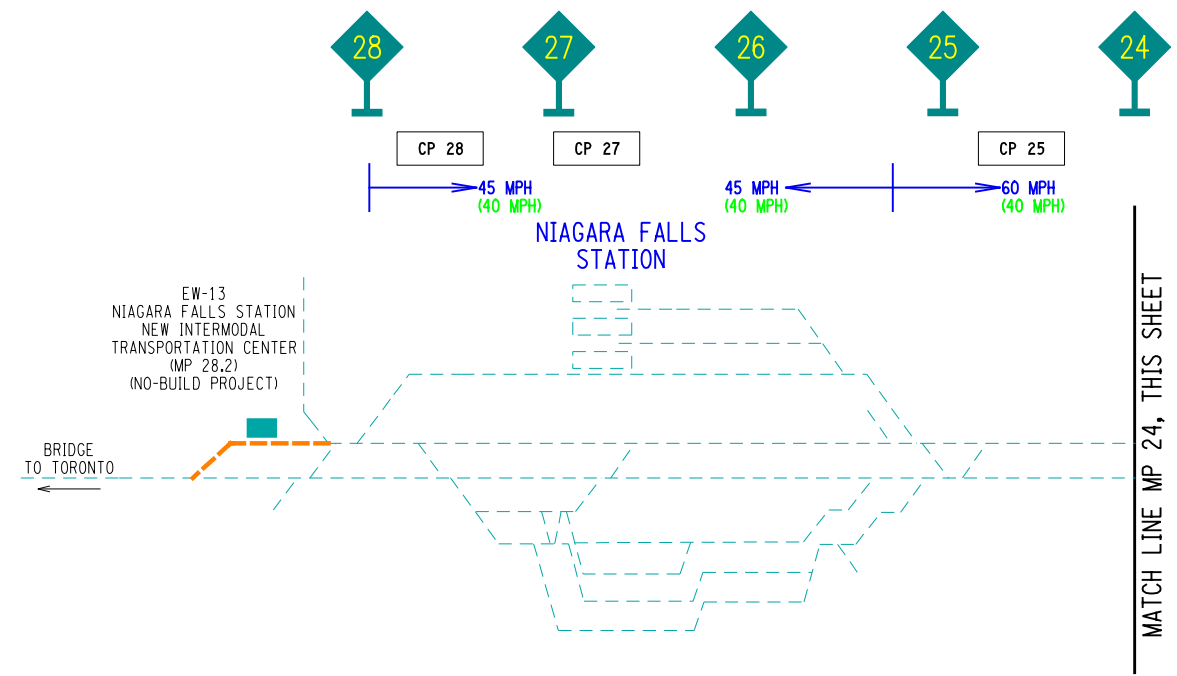
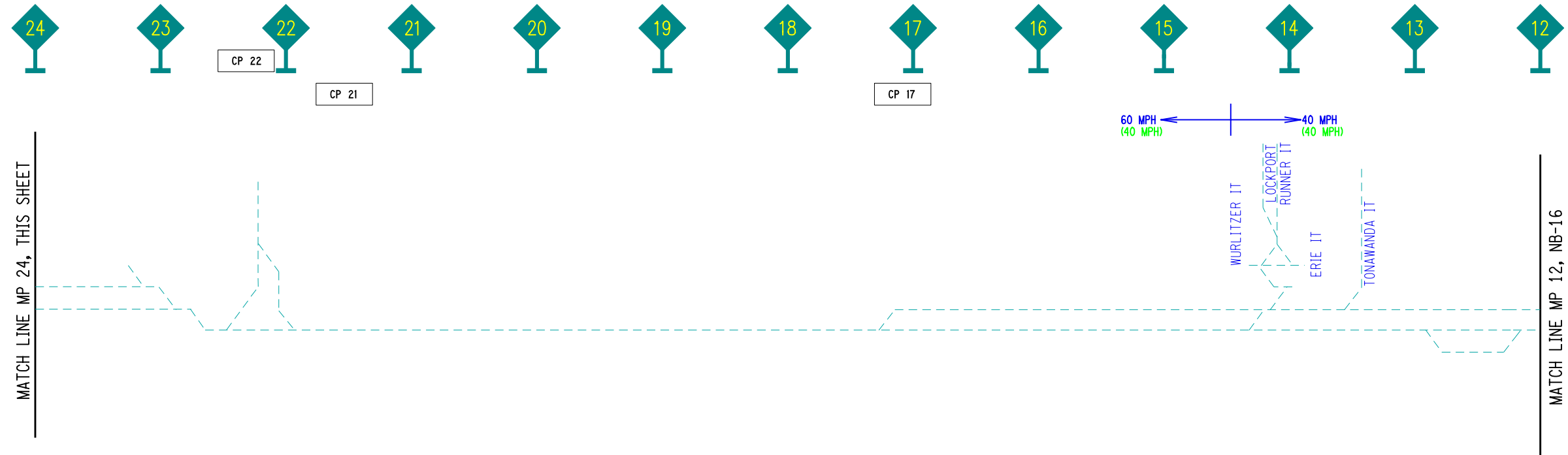
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- LEGEND:**
- EXISTING TRACK
  - OTHER RAILROAD
  - TRACK TO BE REMOVED
  - NO-BUILD TRACK
  - NEW TRACK
  - EXISTING STATION PLATFORM
  - PROPOSED STATION
  - EXISTING CONTROL POINT
  - NEW CONTROL POINT
  - ROCK CUT
  - XX MPH PROPOSED PASSENGER SPEED
  - XX MPH EXISTING PASSENGER SPEED
  - XX MPH EXISTING/PROPOSED FREIGHT SPEED

	NYSOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	BASE ALTERNATIVE (NO-ACTION) TRACK SCHEMATICS	DRAWING NO. NB-16 SHEET NO. 16 DATE: MAY, 2012

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- LEGEND:**
- EXISTING TRACK
  - OTHER RAILROAD
  - TRACK TO BE REMOVED
  - NO-BUILD TRACK
  - NEW TRACK

- EXISTING STATION PLATFORM
- PROPOSED STATION
- CP XX EXISTING CONTROL POINT
- CP XX NEW CONTROL POINT
- ⬮ ROCK CUT

- XX MPH PROPOSED PASSENGER SPEED
- XX MPH EXISTING PASSENGER SPEED
- XX MPH EXISTING/PROPOSED FREIGHT SPEED

	NYSDOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	BASE ALTERNATIVE (NO-ACTION) TRACK SCHEMATICS	DRAWING NO. NB-17 SHEET NO. 17 DATE: MAY, 2012

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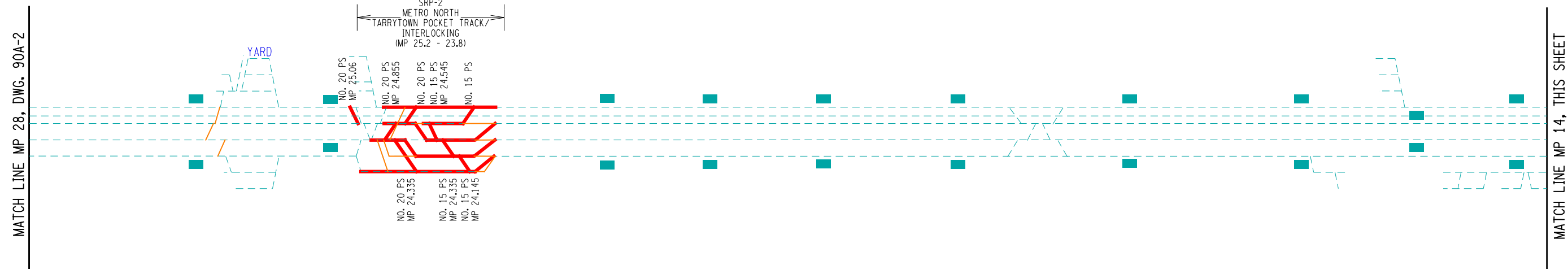
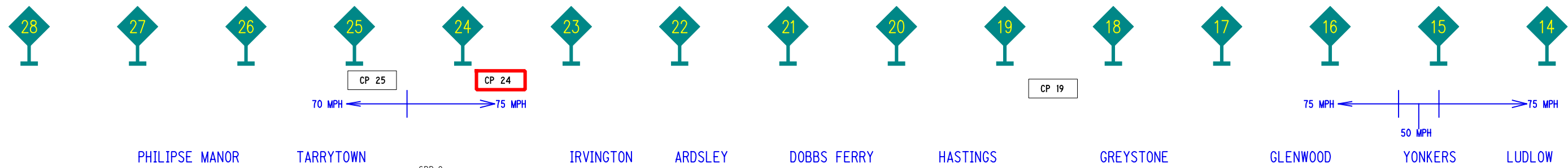
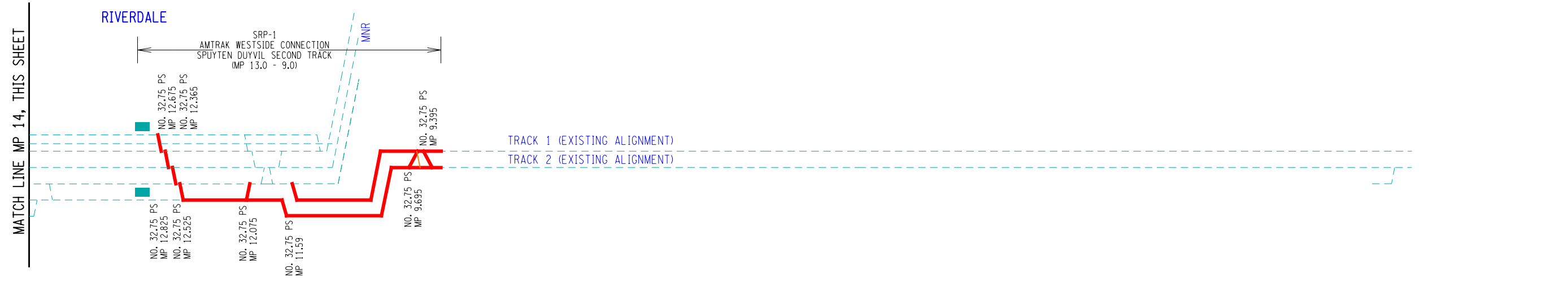
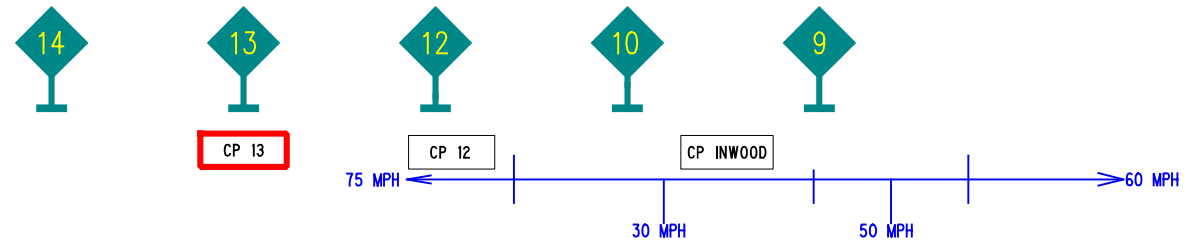
## Track Schematics for Alternative 90A

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  - - - - - OTHER RAILROAD
  - - - - - TRACK TO BE REMOVED
  - - - - - NO-BUILD TRACK
  - NEW PASSENGER TRACK
  - EXISTING STATION PLATFORM
  - PROPOSED STATION
  - CP XX EXISTING CONTROL POINT
  - CP XX NEW CONTROL POINT
  - ⬮ ROCK CUT
  - XX MPH PROPOSED PASSENGER SPEED
  - XX MPH EXISTING PASSENGER SPEED
  - XX MPH EXISTING/PROPOSED FREIGHT SPEED

	NYSOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	ALTERNATIVE 90A ENGINEERED TRACK SCHEMATICS	DRAWING NO. 90A-1 SHEET NO. 1 DATE: MAY, 2012

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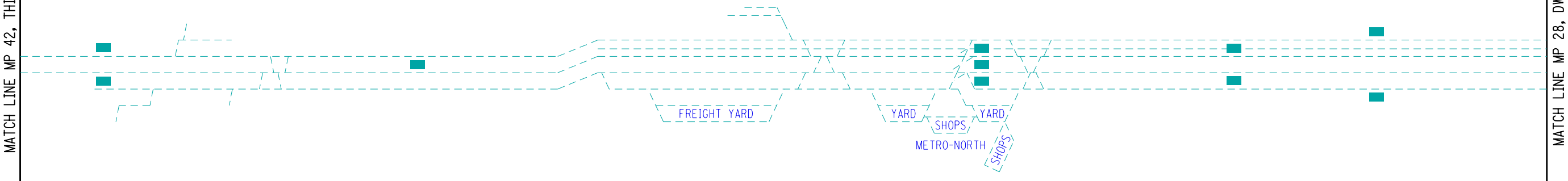
60 MPH ← 45 MPH 60 MPH 80 MPH 60 MPH 80 MPH 60 MPH 40 MPH 50 MPH 75 MPH → 70 MPH

PEEKSKILL CORTLANDT CROTON-HARMON OSSINING SCARBOROUGH

ES-12 METRO-NORTH NEW SIGNAL SYSTEM (MP 75.8 - 32.8)

MATCH LINE MP 42, THIS SHEET

MATCH LINE MP 28, DWG. 90A-1



90 MPH ← 80 MPH 80 MPH 60 MPH 80 MPH 80 MPH 60 MPH 55 MPH 60 MPH →

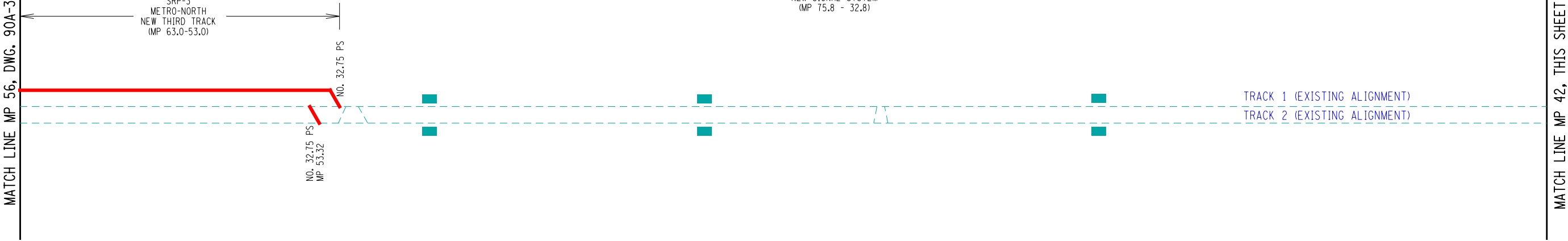
BRECKNECK RIDGE FLAG STOP COLD SPRING GARRISON MANITOU

SRP-3 METRO-NORTH NEW THIRD TRACK (MP 63.0-53.0)

ES-12 METRO-NORTH NEW SIGNAL SYSTEM (MP 75.8 - 32.8)

MATCH LINE MP 56, DWG. 90A-3

MATCH LINE MP 42, THIS SHEET



TRACK 1 (EXISTING ALIGNMENT)  
 TRACK 2 (EXISTING ALIGNMENT)

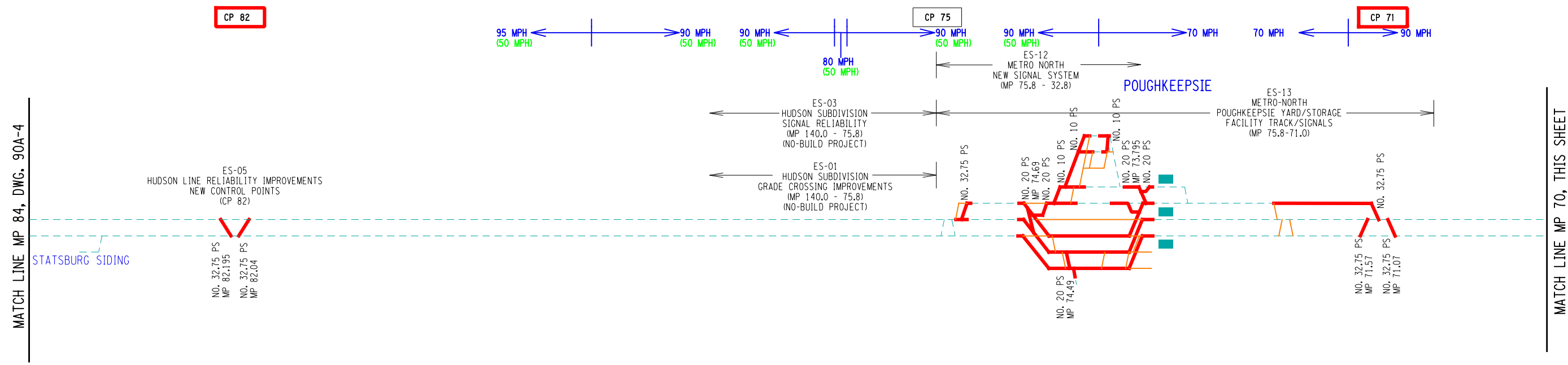
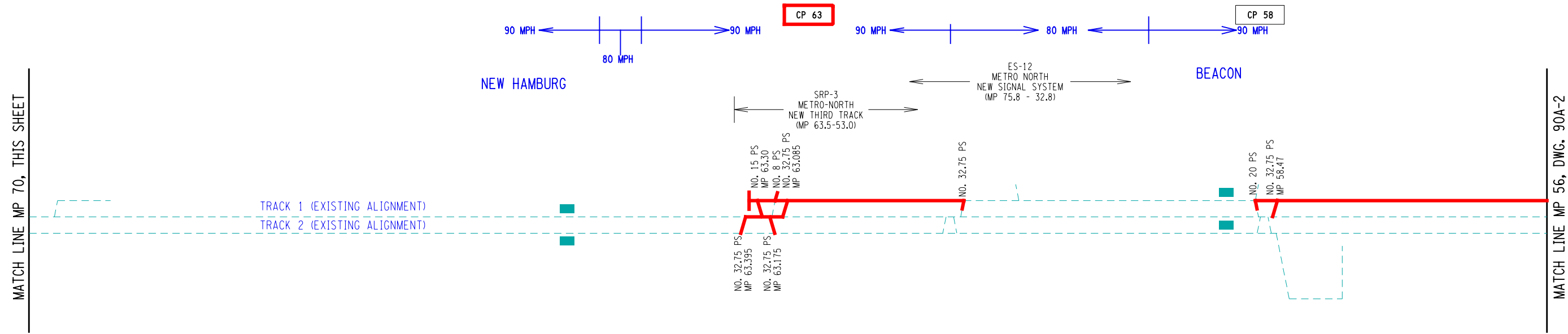
LEGEND:

- EXISTING TRACK
- OTHER RAILROAD
- TRACK TO BE REMOVED
- NO-BUILD TRACK
- NEW PASSENGER TRACK
- EXISTING STATION PLATFORM
- PROPOSED STATION
- EXISTING CONTROL POINT
- NEW CONTROL POINT
- ROCK CUT
- XX MPH PROPOSED PASSENGER SPEED
- XX MPH EXISTING PASSENGER SPEED
- XX MPH EXISTING/PROPOSED FREIGHT SPEED

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	ALTERNATIVE 90A ENGINEERED TRACK SCHEMATICS	DRAWING NO. 90A-2 SHEET NO. 2 DATE: MAY, 2012



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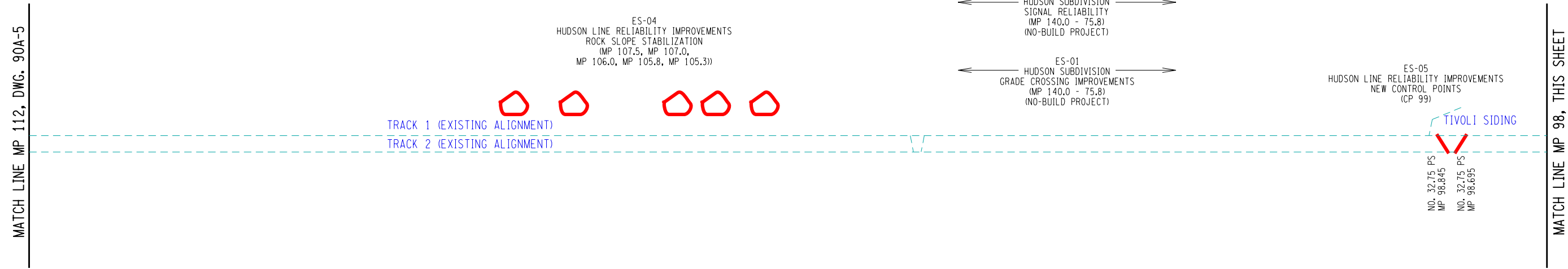
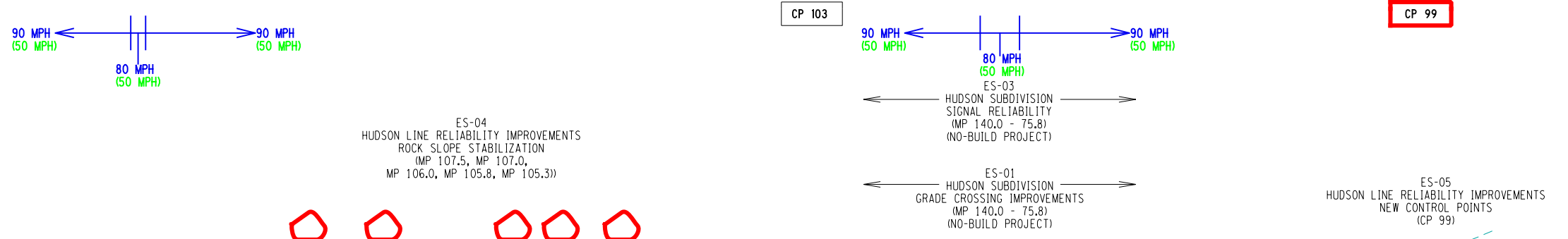
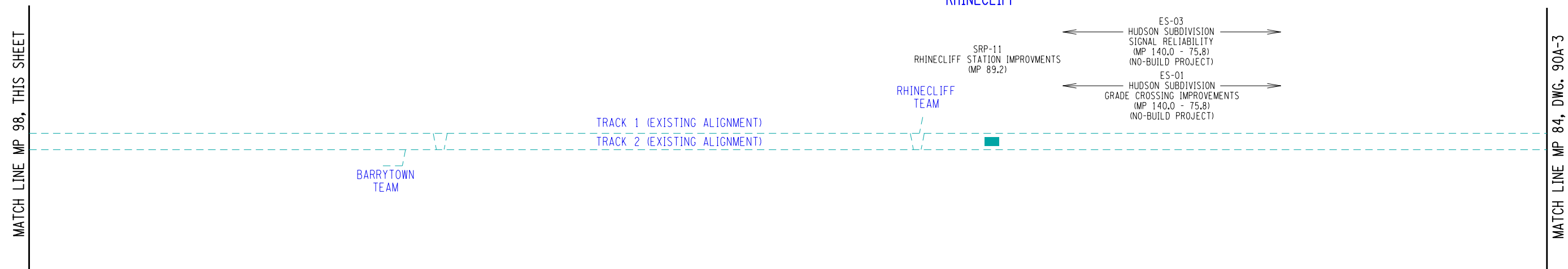
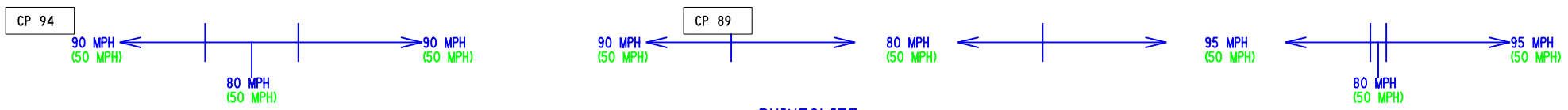


**LEGEND:**

- EXISTING TRACK
- OTHER RAILROAD
- TRACK TO BE REMOVED
- NO-BUILD TRACK
- NEW PASSENGER TRACK
- ▭ EXISTING STATION PLATFORM
- ▭ PROPOSED STATION
- CP XX EXISTING CONTROL POINT
- CP XX NEW CONTROL POINT
- ▭ ROCK CUT
- XX MPH PROPOSED PASSENGER SPEED
- XX MPH EXISTING PASSENGER SPEED
- XX MPH EXISTING/PROPOSED FREIGHT SPEED

	NYSOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	ALTERNATIVE 90A ENGINEERED TRACK SCHEMATICS	DRAWING NO. 90A-3 SHEET NO. 3 DATE: MAY, 2012

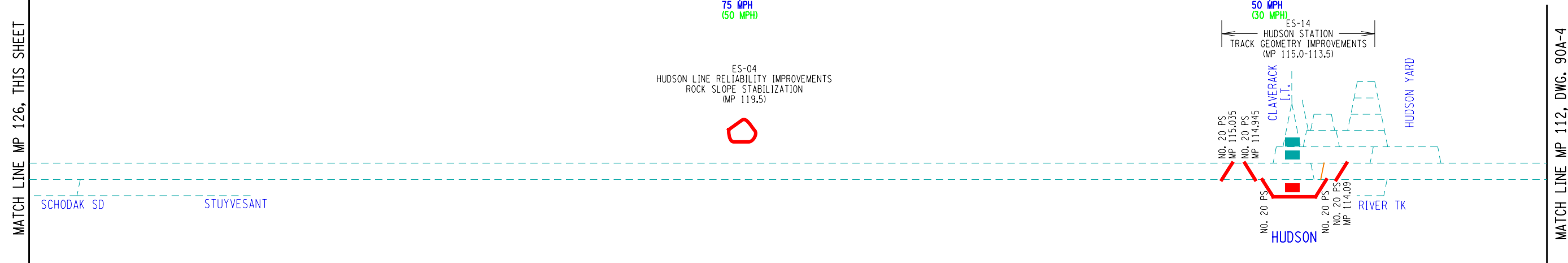
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- LEGEND:**
- EXISTING TRACK
  - OTHER RAILROAD
  - TRACK TO BE REMOVED
  - NO-BUILD TRACK
  - NEW PASSENGER TRACK
  - EXISTING STATION PLATFORM
  - PROPOSED STATION
  - EXISTING CONTROL POINT
  - NEW CONTROL POINT
  - ROCK CUT
  - XX MPH PROPOSED PASSENGER SPEED
  - XX MPH EXISTING PASSENGER SPEED
  - XX MPH EXISTING/PROPOSED FREIGHT SPEED

	NYSOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	ALTERNATIVE 90A ENGINEERED TRACK SCHEMATICS	DRAWING NO. 90A-4 SHEET NO. 4 DATE: MAY, 2012

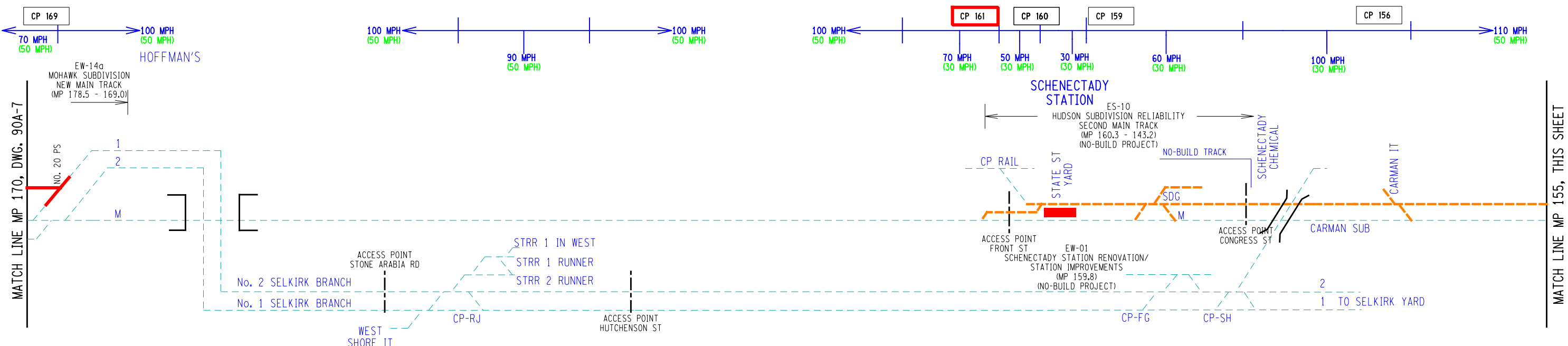
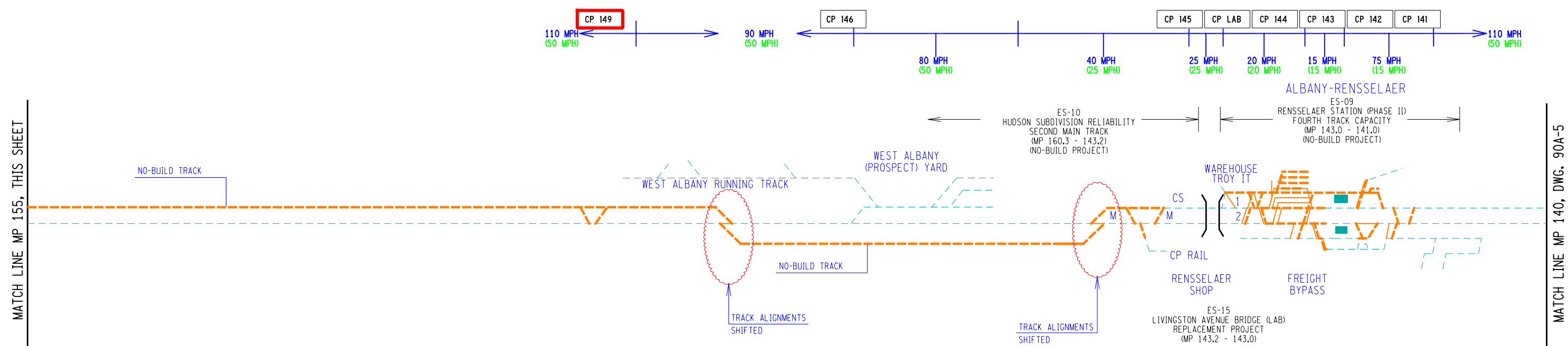
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- LEGEND:**
- EXISTING TRACK
  - OTHER RAILROAD
  - TRACK TO BE REMOVED
  - NO-BUILD TRACK
  - NEW PASSENGER TRACK
  - EXISTING STATION PLATFORM
  - PROPOSED STATION
  - CP XX EXISTING CONTROL POINT
  - CP XX NEW CONTROL POINT
  - ROCK CUT
  - XX MPH PROPOSED PASSENGER SPEED
  - XX MPH EXISTING PASSENGER SPEED
  - XX MPH EXISTING/PROPOSED FREIGHT SPEED

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	ALTERNATIVE 90A ENGINEERED TRACK SCHEMATICS	DRAWING NO. 90A-5 SHEET NO. 5 DATE: MAY, 2012

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- LEGEND:**
- - - - - EXISTING TRACK
  - - - - - OTHER RAILROAD
  - - - - - TRACK TO BE REMOVED
  - - - - - NO-BUILD TRACK
  - - - - - NEW PASSENGER TRACK
  - █ EXISTING STATION PLATFORM
  - █ PROPOSED STATION
  - CP XX EXISTING CONTROL POINT
  - CP XX NEW CONTROL POINT
  - ⬮ ROCK CUT
  - XX MPH PROPOSED PASSENGER SPEED
  - XX MPH EXISTING PASSENGER SPEED
  - XX MPH EXISTING/PROPOSED FREIGHT SPEED

	NYSDOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	ALTERNATIVE 90A ENGINEERED TRACK SCHEMATICS	DRAWING NO. 90A-6 SHEET NO. 6 DATE: MAY, 2012

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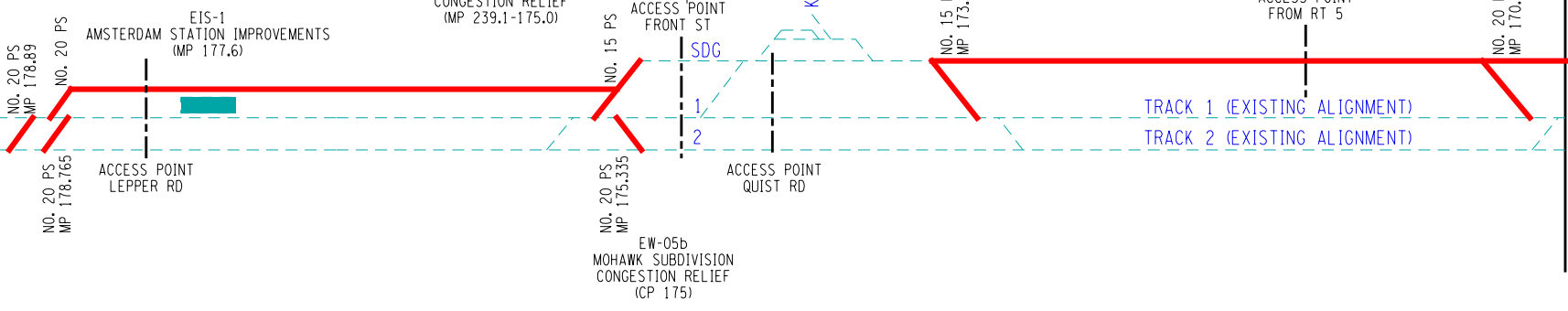


CP 179 CP 175 CP 173

AMSTERDAM STATION

EW-14a MOHAWK SUBDIVISION NEW MAIN TRACK (MP 178.5 - 169.0)

EW-05b MOHAWK SUBDIVISION CONGESTION RELIEF (MP 239.1-175.0)



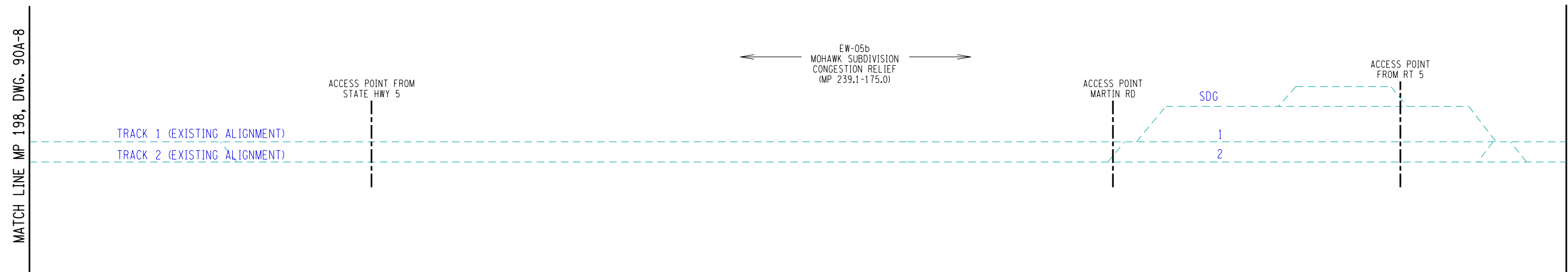
CP 196

CP 188

CP 184

FONDA YARD

EW-05b MOHAWK SUBDIVISION CONGESTION RELIEF (MP 239.1-175.0)



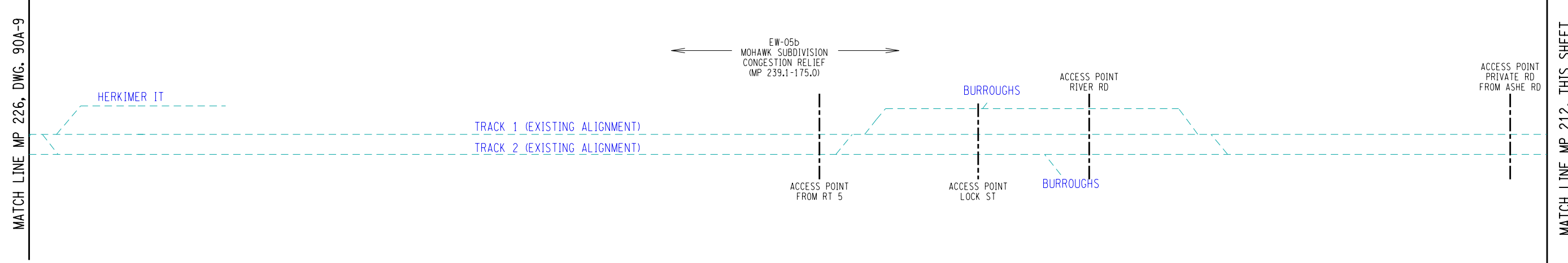
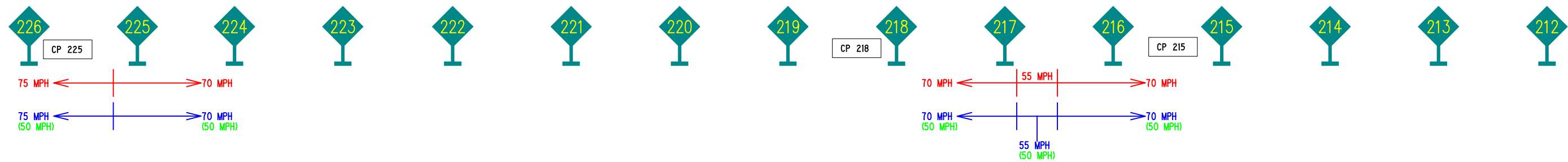
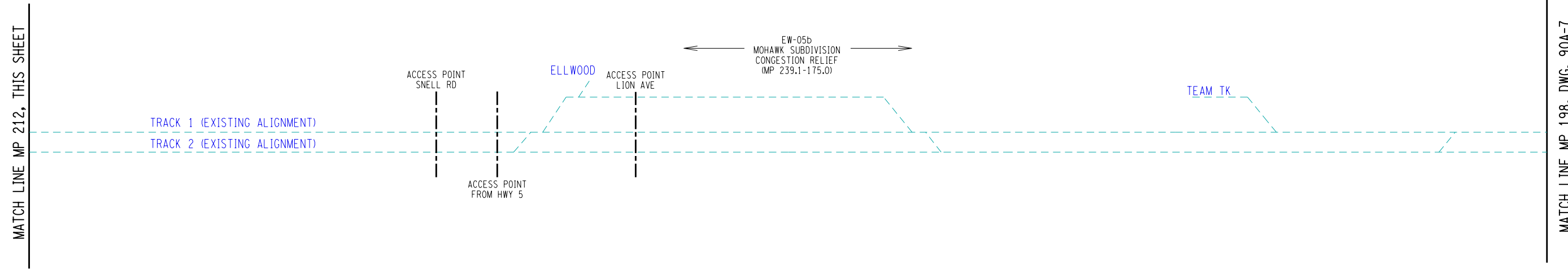
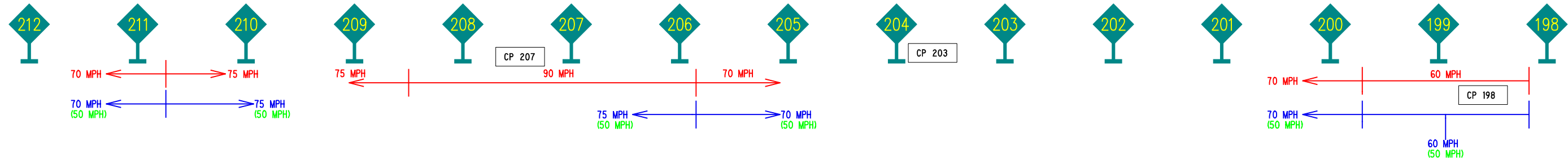
LEGEND:

- EXISTING TRACK
- OTHER RAILROAD
- TRACK TO BE REMOVED
- NO-BUILD TRACK
- NEW PASSENGER TRACK
- EXISTING STATION PLATFORM
- PROPOSED STATION
- EXISTING CONTROL POINT
- NEW CONTROL POINT
- ROCK CUT

- XX MPH PROPOSED PASSENGER SPEED
- XX MPH EXISTING PASSENGER SPEED
- XX MPH EXISTING/PROPOSED FREIGHT SPEED

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	ALTERNATIVE 90A ENGINEERED TRACK SCHEMATICS	DRAWING NO. 90A-7 SHEET NO. 7 DATE: MAY, 2012

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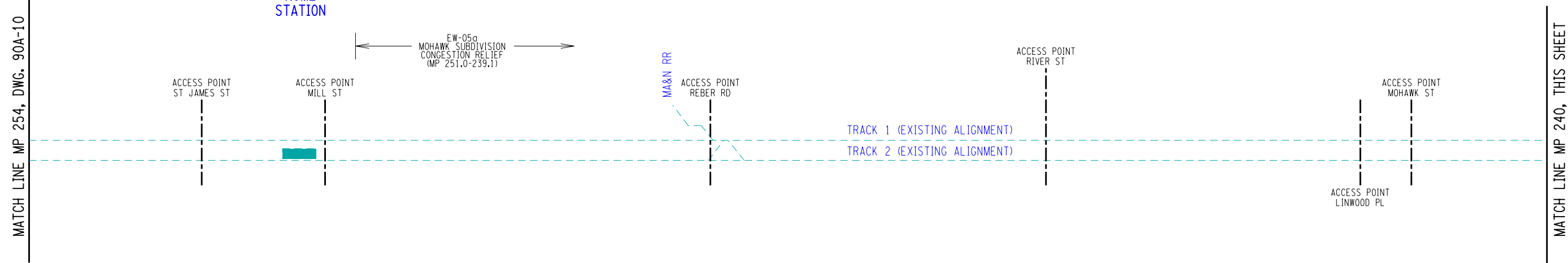
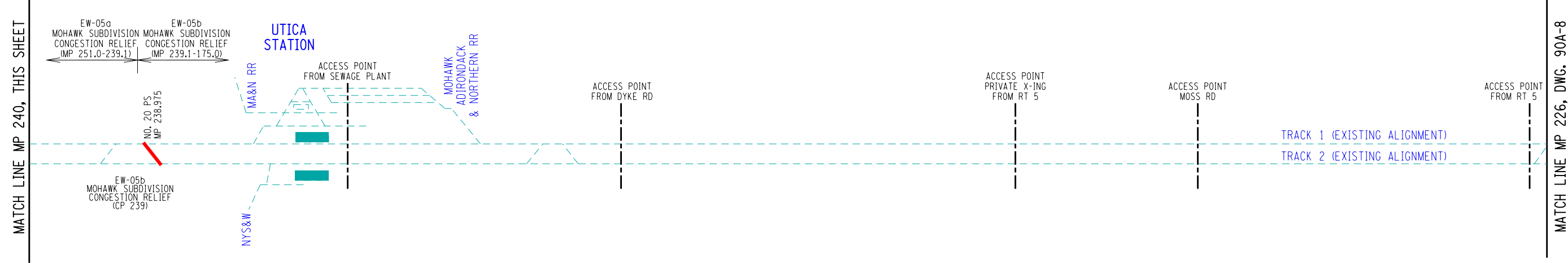


- LEGEND:**
- EXISTING TRACK
  - OTHER RAILROAD
  - TRACK TO BE REMOVED
  - NO-BUILD TRACK
  - NEW PASSENGER TRACK
  - EXISTING STATION PLATFORM
  - PROPOSED STATION
  - EXISTING CONTROL POINT
  - NEW CONTROL POINT
  - ROCK CUT

XX MPH PROPOSED PASSENGER SPEED  
 XX MPH EXISTING PASSENGER SPEED  
 XX MPH EXISTING/PROPOSED FREIGHT SPEED

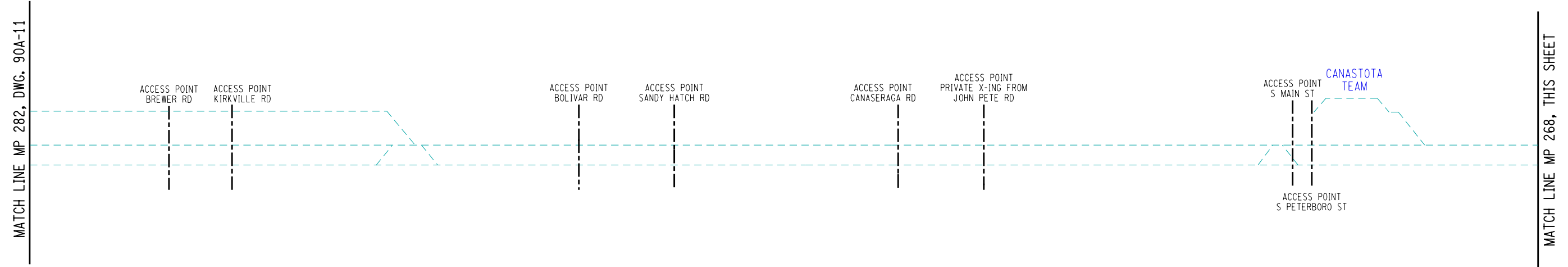
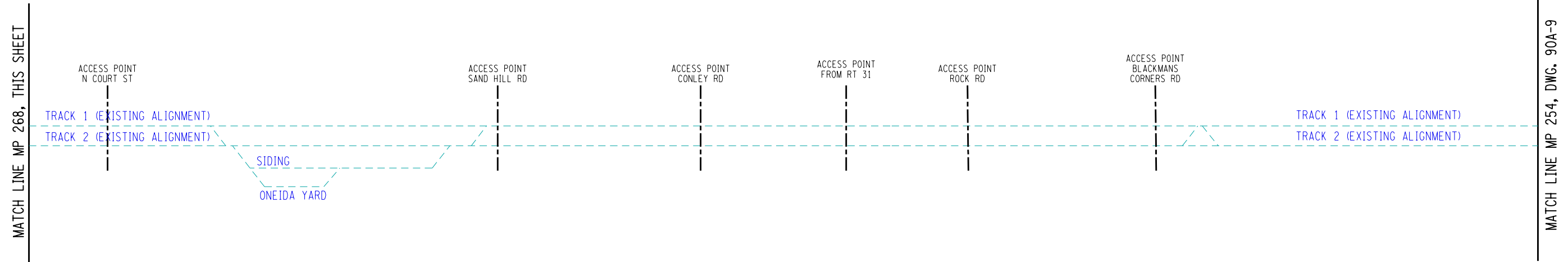
 HNTB CIA <small>Winners Circle, PO Box 9269 • Albany, NY 12205-0269          Mktg: (518) 455-4500 • www.hntb.com</small>	NYSDOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	ALTERNATIVE 90A ENGINEERED TRACK SCHEMATICS	DRAWING NO. 90A-8 SHEET NO. 8 DATE: MAY, 2012

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- LEGEND:**
- EXISTING TRACK
  - OTHER RAILROAD
  - TRACK TO BE REMOVED
  - NO-BUILD TRACK
  - NEW PASSENGER TRACK
  - EXISTING STATION PLATFORM
  - PROPOSED STATION
  - EXISTING CONTROL POINT
  - NEW CONTROL POINT
  - ROCK CUT
- XX MPH PROPOSED PASSENGER SPEED  
 XX MPH EXISTING PASSENGER SPEED  
 XX MPH EXISTING/PROPOSED FREIGHT SPEED

 HNTB CIA <small>Winners Circle, PO Box 9269 • Albany, NY 12205-0269          Metro (518) 453-4500 • www.hntb.com</small>	NYSDOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
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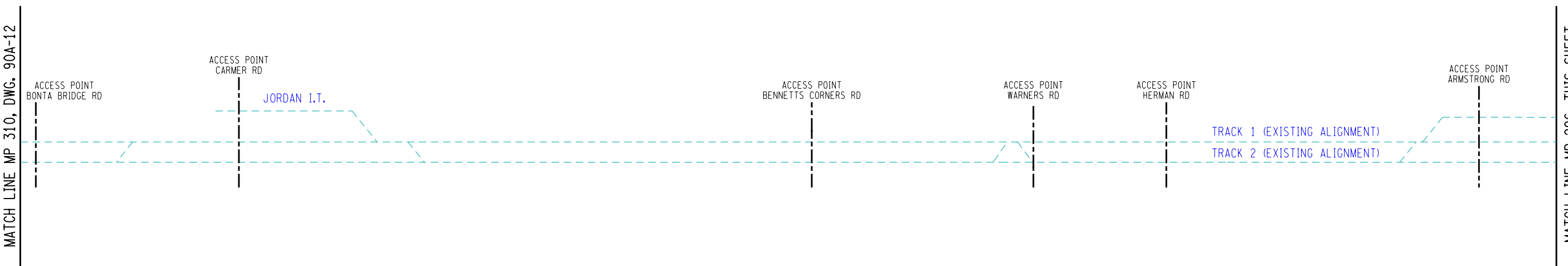
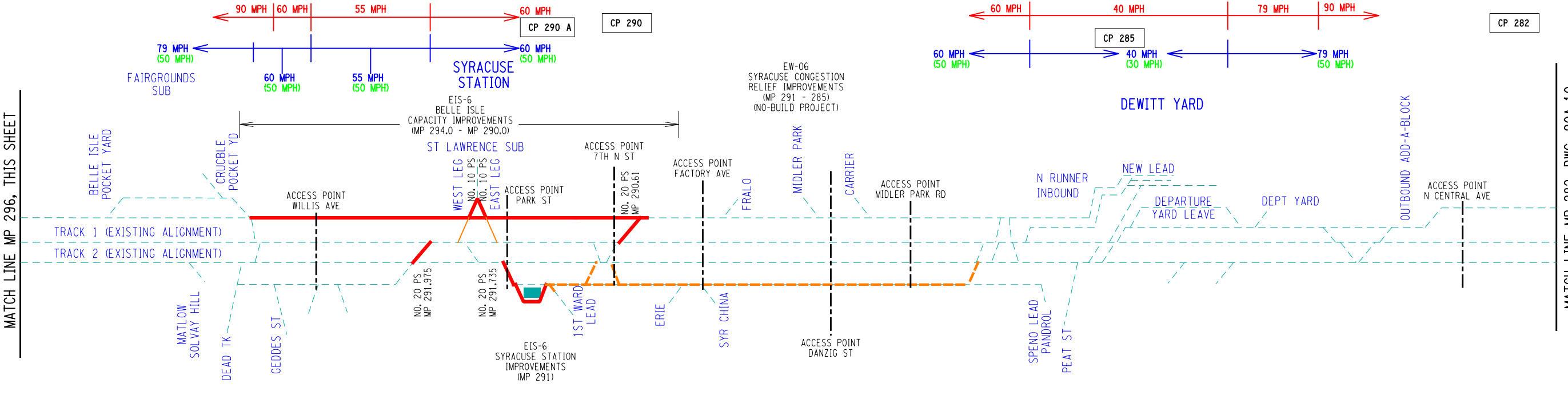


- LEGEND:**
- EXISTING TRACK
  - OTHER RAILROAD
  - TRACK TO BE REMOVED
  - NO-BUILD TRACK
  - NEW PASSENGER TRACK
  - EXISTING STATION PLATFORM
  - PROPOSED STATION
  - CP XX EXISTING CONTROL POINT
  - CP XX NEW CONTROL POINT
  - XX MPH PROPOSED PASSENGER SPEED
  - XX MPH EXISTING PASSENGER SPEED
  - XX MPH EXISTING/PROPOSED FREIGHT SPEED
  - ▲ ROCK CUT

	NYSOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	ALTERNATIVE 90A ENGINEERED TRACK SCHEMATICS	DRAWING NO. 90A-10 SHEET NO. 10 DATE: MAY, 2012



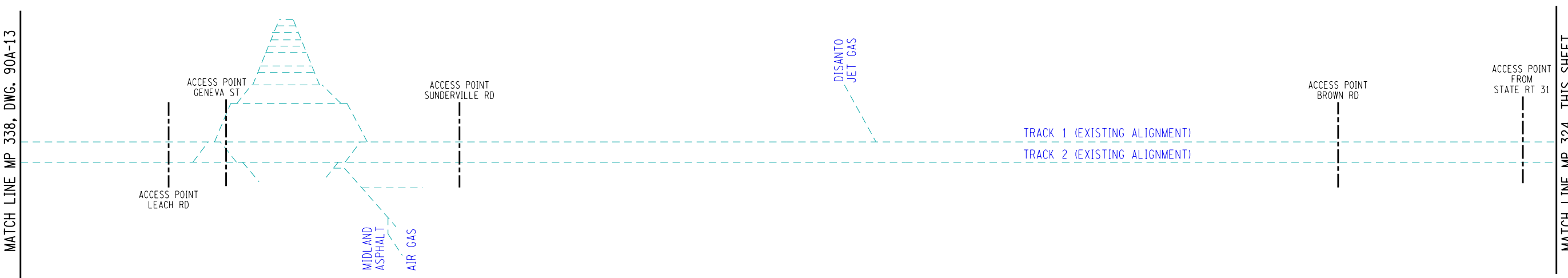
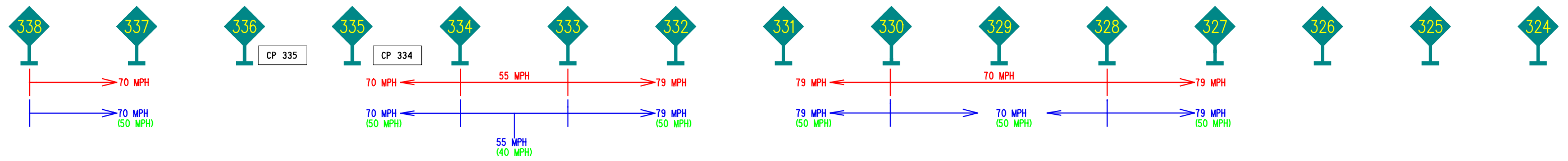
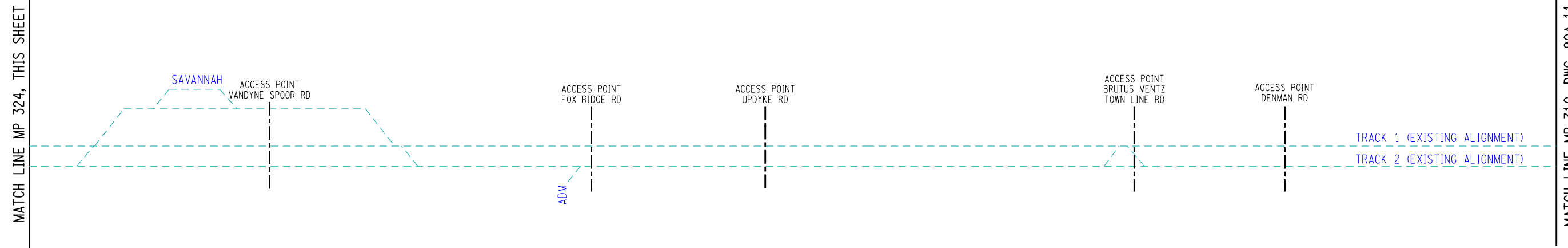
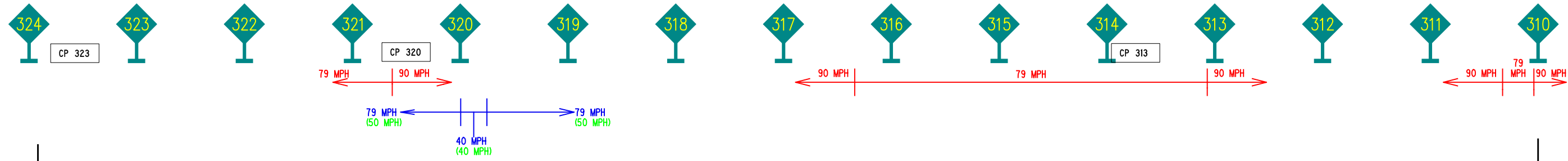
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- LEGEND:**
- EXISTING TRACK
  - OTHER RAILROAD
  - TRACK TO BE REMOVED
  - NO-BUILD TRACK
  - NEW PASSENGER TRACK
  - EXISTING STATION PLATFORM
  - PROPOSED STATION
  - CP XX EXISTING CONTROL POINT
  - CP XX NEW CONTROL POINT
  - ▲ ROCK CUT
  - XX MPH PROPOSED PASSENGER SPEED
  - XX MPH EXISTING PASSENGER SPEED
  - XX MPH EXISTING/PROPOSED FREIGHT SPEED

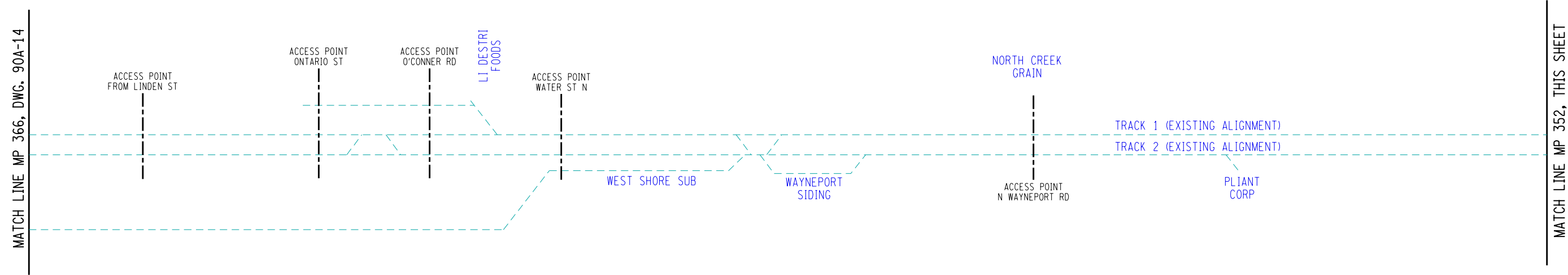
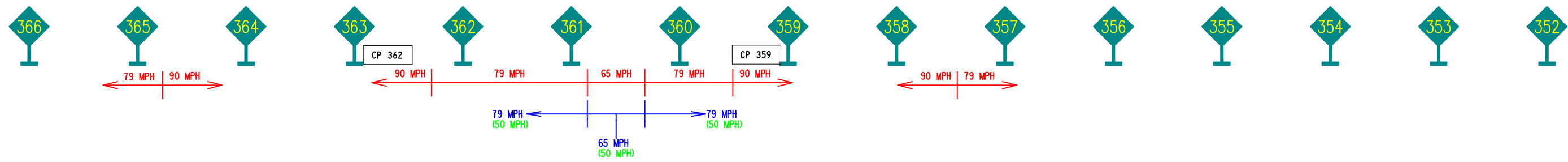
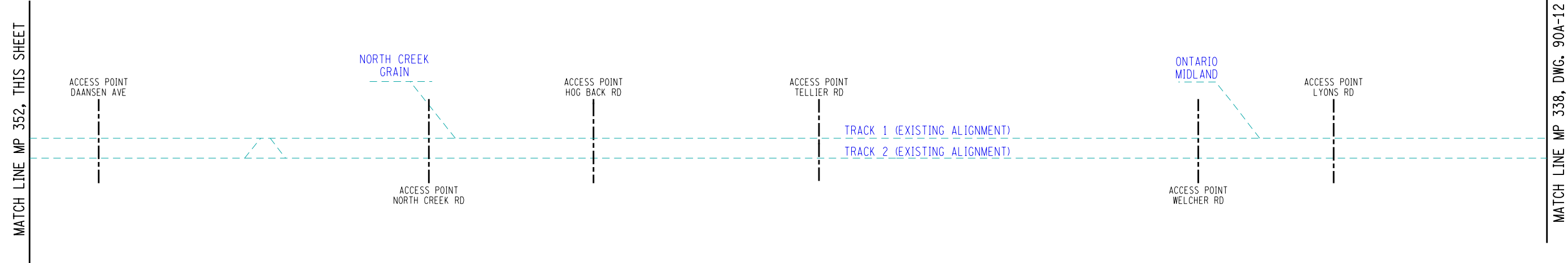
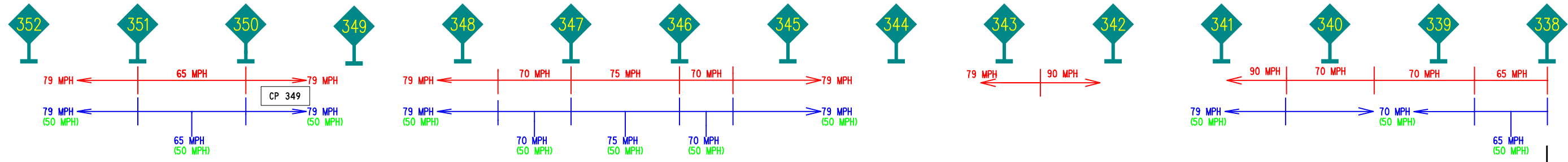
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	ALTERNATIVE 90A ENGINEERED TRACK SCHEMATICS	DRAWING NO. 90A-11 SHEET NO. 11 DATE: MAY, 2012

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- LEGEND:**
- EXISTING TRACK
  - OTHER RAILROAD
  - TRACK TO BE REMOVED
  - NO-BUILD TRACK
  - NEW PASSENGER TRACK
  - EXISTING STATION PLATFORM
  - PROPOSED STATION
  - CP XX EXISTING CONTROL POINT
  - CP XX NEW CONTROL POINT
  - ▲ ROCK CUT
  - XX MPH PROPOSED PASSENGER SPEED
  - XX MPH EXISTING PASSENGER SPEED
  - XX MPH EXISTING/PROPOSED FREIGHT SPEED

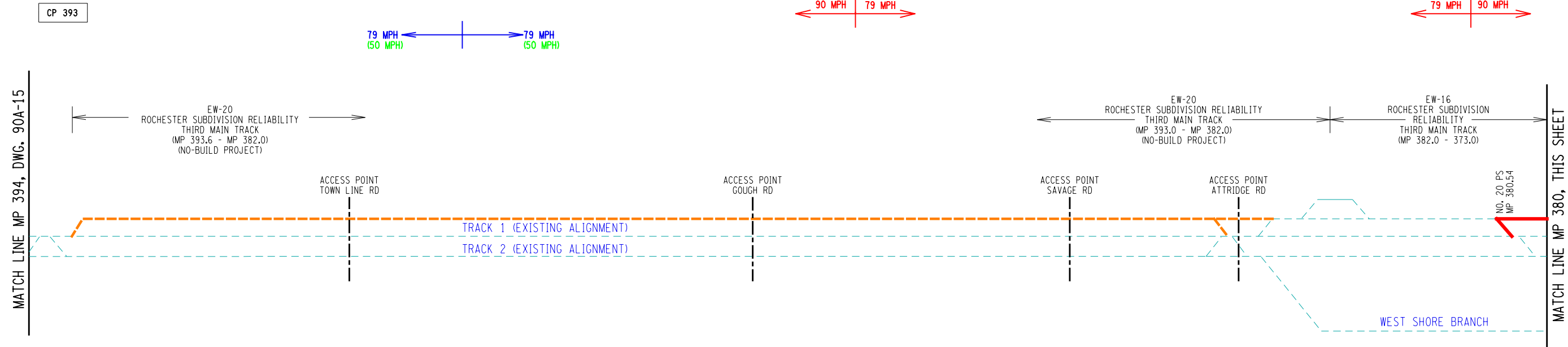
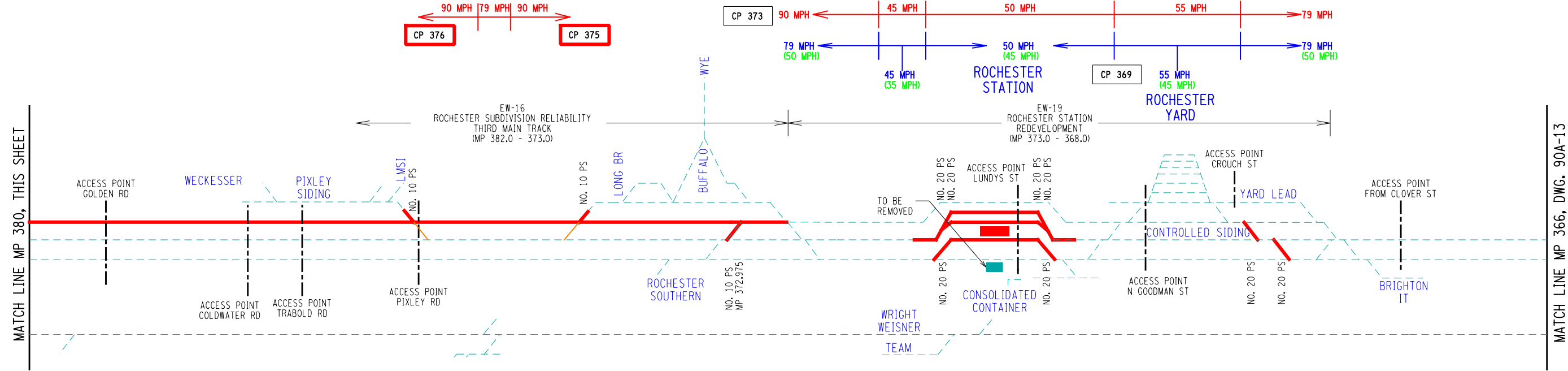
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	ALTERNATIVE 90A ENGINEERED TRACK SCHEMATICS	DRAWING NO. 90A-12 SHEET NO. 12 DATE: MAY, 2012



- LEGEND:**
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  - OTHER RAILROAD
  - TRACK TO BE REMOVED
  - NO-BUILD TRACK
  - NEW PASSENGER TRACK
  - EXISTING STATION PLATFORM
  - PROPOSED STATION
  - EXISTING CONTROL POINT
  - NEW CONTROL POINT
  - ROCK CUT
  - XX MPH PROPOSED PASSENGER SPEED
  - XX MPH EXISTING PASSENGER SPEED
  - XX MPH EXISTING/PROPOSED FREIGHT SPEED

 HNTB CIA <small>Winners Circle, PO Box 9269 • Albany, NY 12205-0269                  Metro (518) 453-4500 • www.hntbcia.com</small>	NYSDOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
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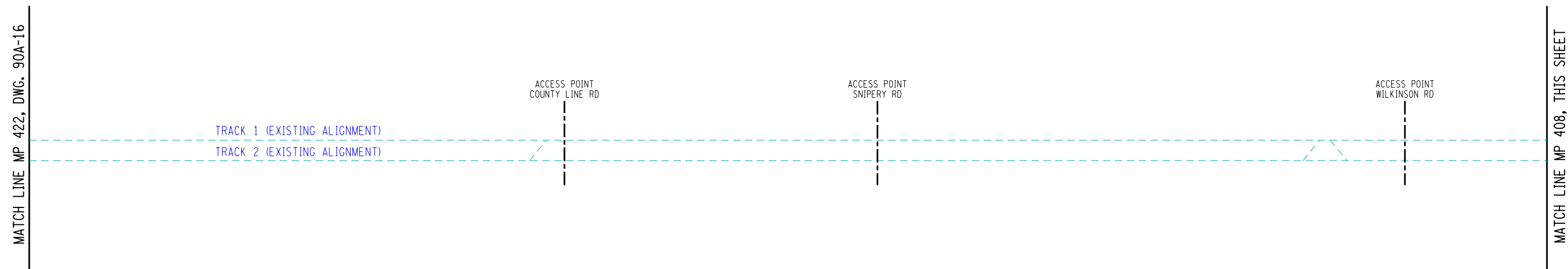
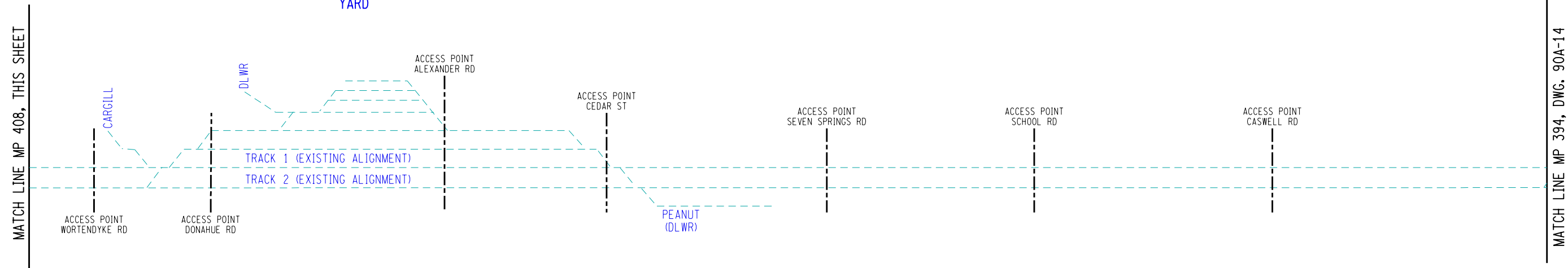
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  - OTHER RAILROAD
  - TRACK TO BE REMOVED
  - NO-BUILD TRACK
  - NEW PASSENGER TRACK
  - EXISTING STATION PLATFORM
  - PROPOSED STATION
  - CP XX EXISTING CONTROL POINT
  - CP XX NEW CONTROL POINT
  - ▲ ROCK CUT
  - XX MPH PROPOSED PASSENGER SPEED
  - XX MPH EXISTING PASSENGER SPEED
  - XX MPH EXISTING/PROPOSED FREIGHT SPEED

 <b>HNTB</b> <b>CIA</b> <small>Wilkes Barre, PA Box 5269 • Albany, NY 12205-0269        Mobile: (518) 455-4500 • www.hntbcia.com</small>	NYSOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	ALTERNATIVE 90A ENGINEERED TRACK SCHEMATICS	DRAWING NO. 90A-14 SHEET NO. 14 DATE: MAY, 2012

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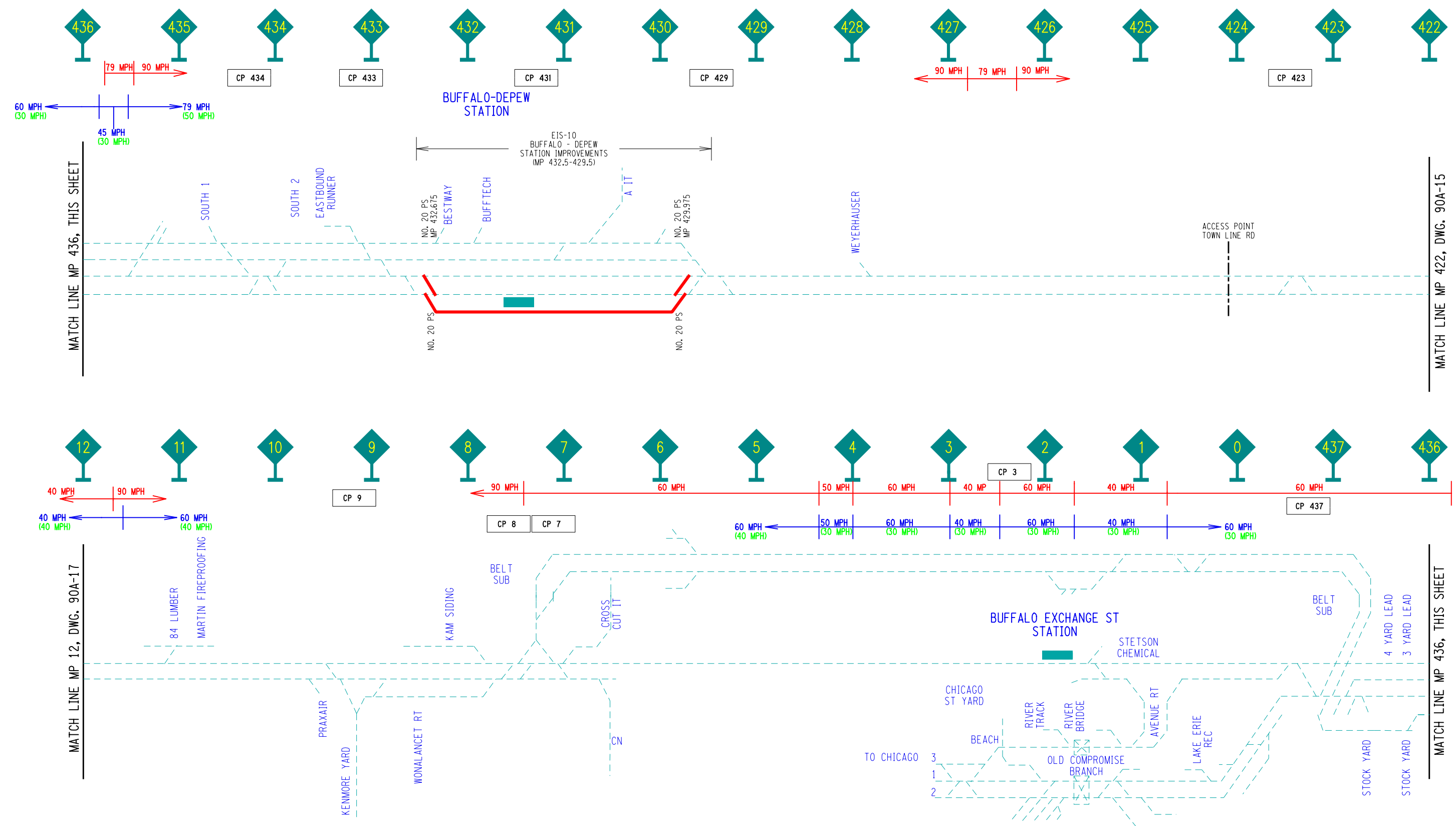
**BATAVIA YARD**



- LEGEND:**
- EXISTING TRACK
  - OTHER RAILROAD
  - TRACK TO BE REMOVED
  - NO-BUILD TRACK
  - NEW PASSENGER TRACK
  - EXISTING STATION PLATFORM
  - PROPOSED STATION
  - EXISTING CONTROL POINT
  - NEW CONTROL POINT
  - ROCK CUT
  - XX MPH PROPOSED PASSENGER SPEED
  - XX MPH EXISTING PASSENGER SPEED
  - XX MPH EXISTING/PROPOSED FREIGHT SPEED

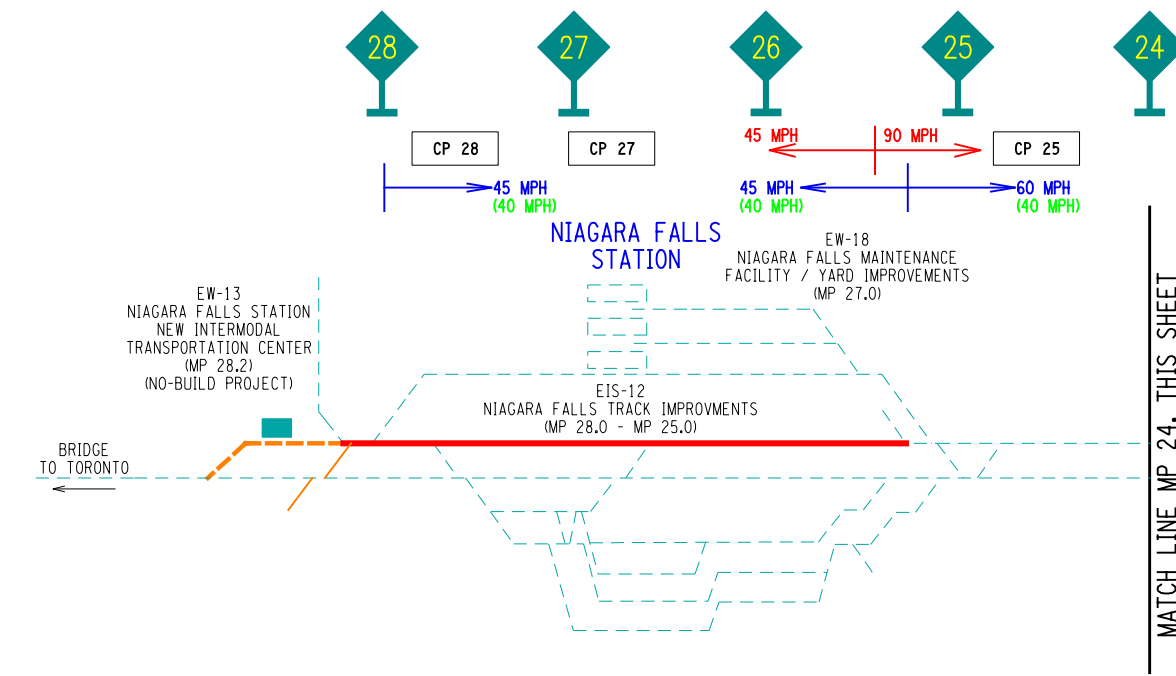
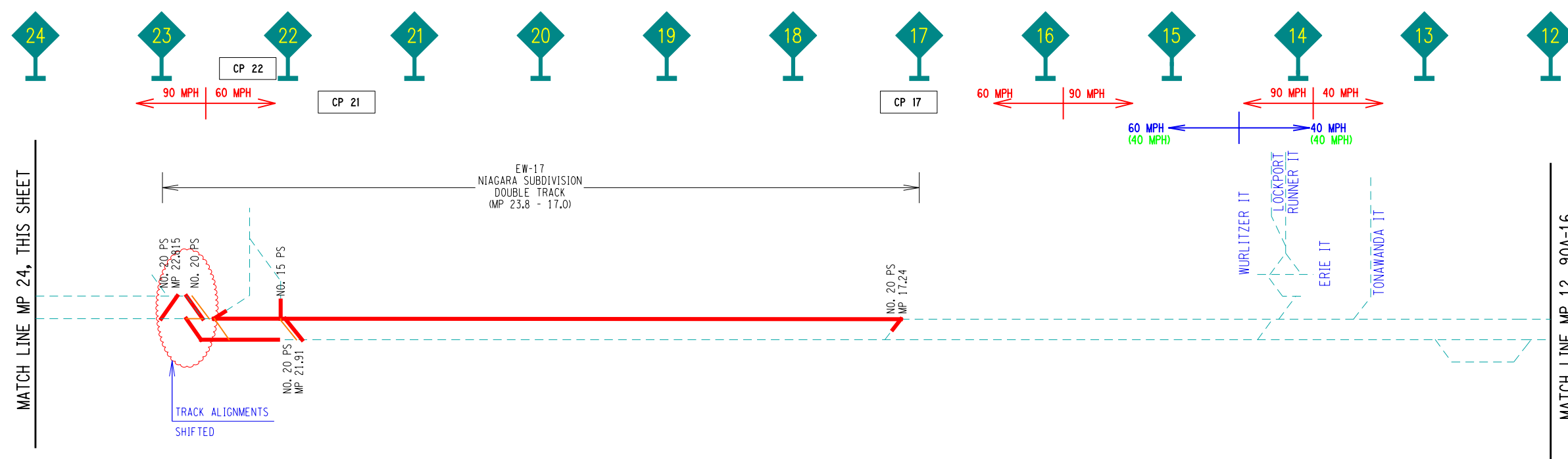
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	ALTERNATIVE 90A ENGINEERED TRACK SCHEMATICS	DRAWING NO. 90A-15 SHEET NO. 15 DATE: MAY, 2012

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- LEGEND:**
- EXISTING TRACK
  - OTHER RAILROAD
  - TRACK TO BE REMOVED
  - NO-BUILD TRACK
  - NEW PASSENGER TRACK
  - EXISTING STATION PLATFORM
  - PROPOSED STATION
  - EXISTING CONTROL POINT
  - NEW CONTROL POINT
  - ROCK CUT
  - XX MPH PROPOSED PASSENGER SPEED
  - XX MPH EXISTING PASSENGER SPEED
  - XX MPH EXISTING/PROPOSED FREIGHT SPEED

 <b>HNTB</b> <b>CIA</b> <small>Winners Circle, PO Box 9269 • Albany, NY 12205-0269        Mktc (518) 453-4500 • www.hntbcia.com</small>	NYSOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	ALTERNATIVE 90A ENGINEERED TRACK SCHEMATICS	DRAWING NO. 90A-16 SHEET NO. 16 DATE: MAY, 2012



**LEGEND:**

- EXISTING TRACK
- OTHER RAILROAD
- TRACK TO BE REMOVED
- NO-BUILD TRACK
- NEW PASSENGER TRACK
- EXISTING STATION PLATFORM
- PROPOSED STATION
- CP XX EXISTING CONTROL POINT
- CP XX NEW CONTROL POINT
- ▲ ROCK CUT
- XX MPH PROPOSED PASSENGER SPEED
- XX MPH EXISTING PASSENGER SPEED
- XX MPH EXISTING/PROPOSED FREIGHT SPEED

<p><b>HNTB</b> <b>CIA</b></p> <p><small>Winners Circle, PO Box 9269 • Albany, NY 12205-0269                  Metro: (518) 455-4500 • www.hntbcia.com</small></p>	NYSOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	ALTERNATIVE 90A ENGINEERED TRACK SCHEMATICS	DRAWING NO. 90A-17 SHEET NO. 17 DATE: MAY, 2012

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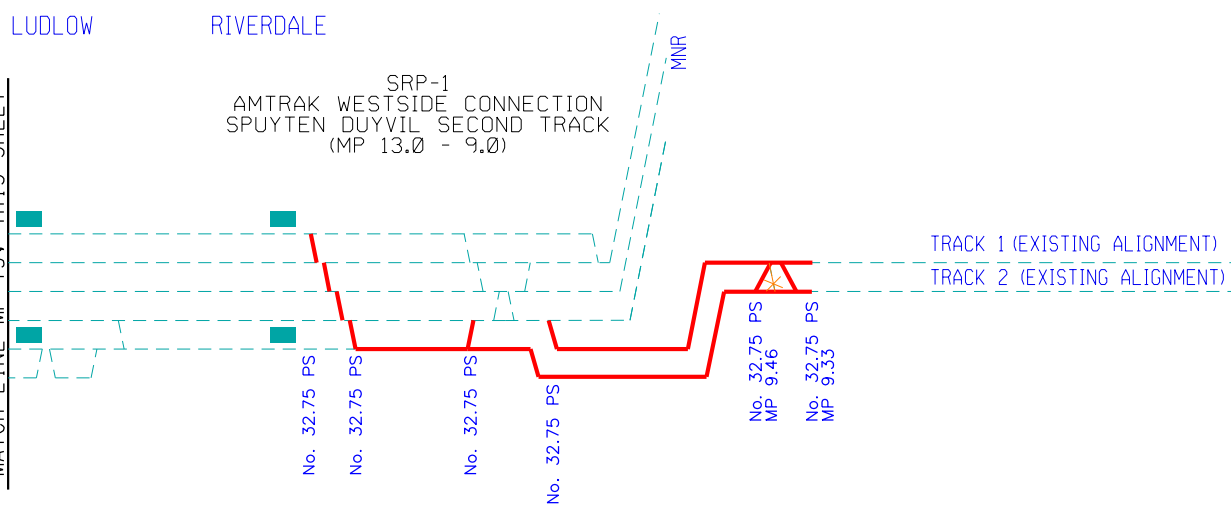
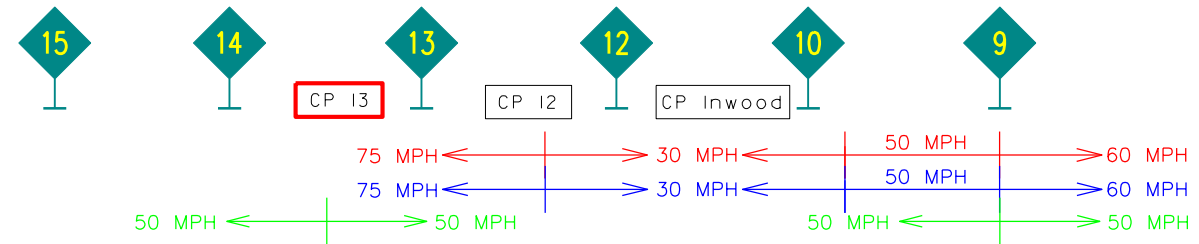
## Track Schematics for Alternative 90B

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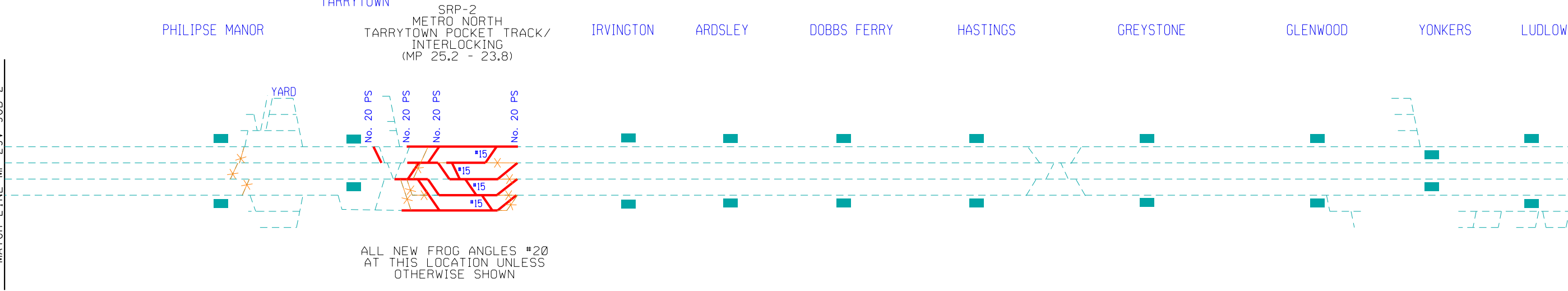
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ALL NEW FROG ANGLES #32.75 AT THIS LOCATION UNLESS OTHERWISE SHOWN



ALL NEW FROG ANGLES #20 AT THIS LOCATION UNLESS OTHERWISE SHOWN

**SYMBOLS:**

- BRIDGE
- CULVERT
- EXISTING STATION
- PROPOSED STATION
- WATER OBSTRUCTION
- CP XX EXISTING CONTROL POINT
- CP XX NEW CONTROL POINT
- ROCK CUT

**LEGEND:**

- EXISTING TRACK
- TRACK TO BE REMOVED
- OTHER RAILROAD
- EXISTING ACCESS ROAD
- NEW/RELOCATED FREIGHT TRACK
- NEW PASSENGER TRACK
- NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
- POTENTIAL ACCESS ROAD
- NO-BUILD TRACK
- XX MPH PROPOSED PASSENGER SPEED
- XX MPH EXISTING PASSENGER SPEED
- XX MPH EXISTING/PROPOSED FREIGHT SPEED

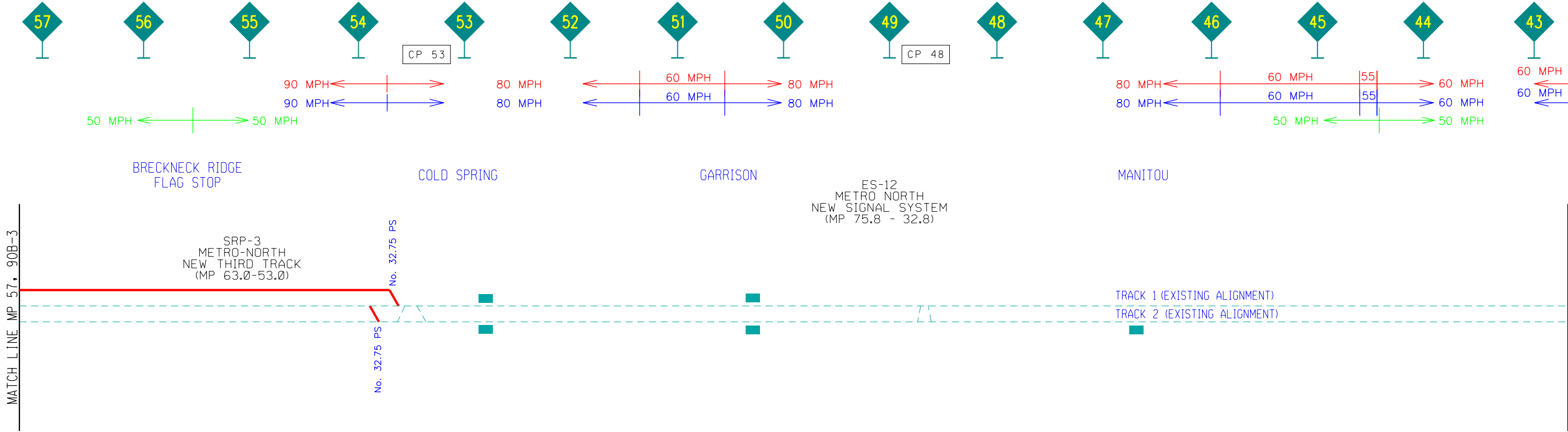
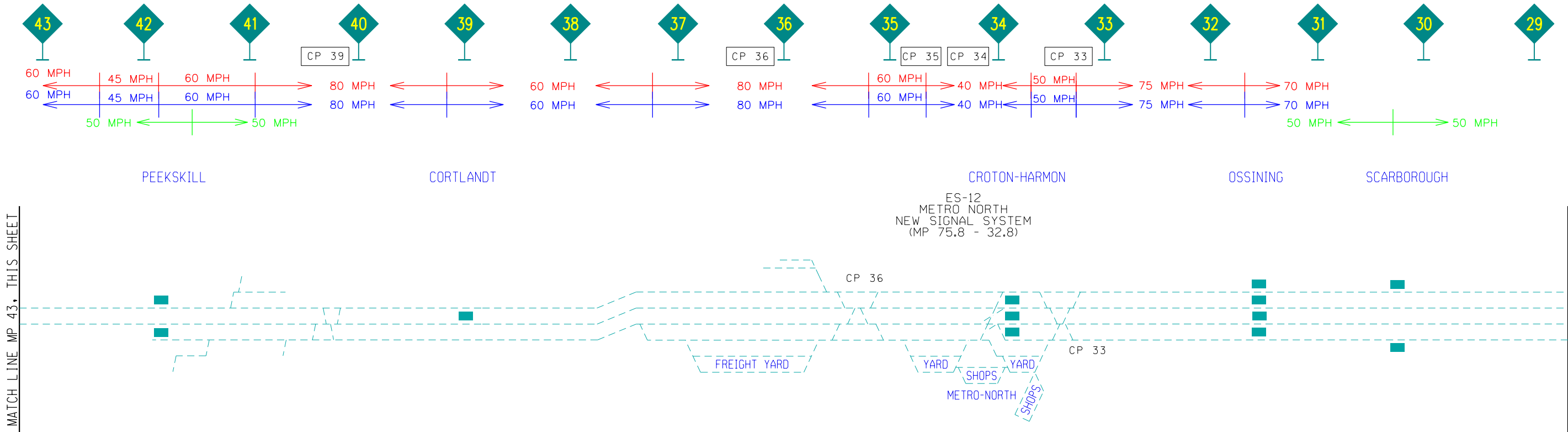
NOTES:  
1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.



NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	DRAWING NO. 90B-1 SHEET NO. 1 DATE: APRIL, 2012

ALTERNATIVE 90B  
ENGINEERED TRACK SCHEMATICS

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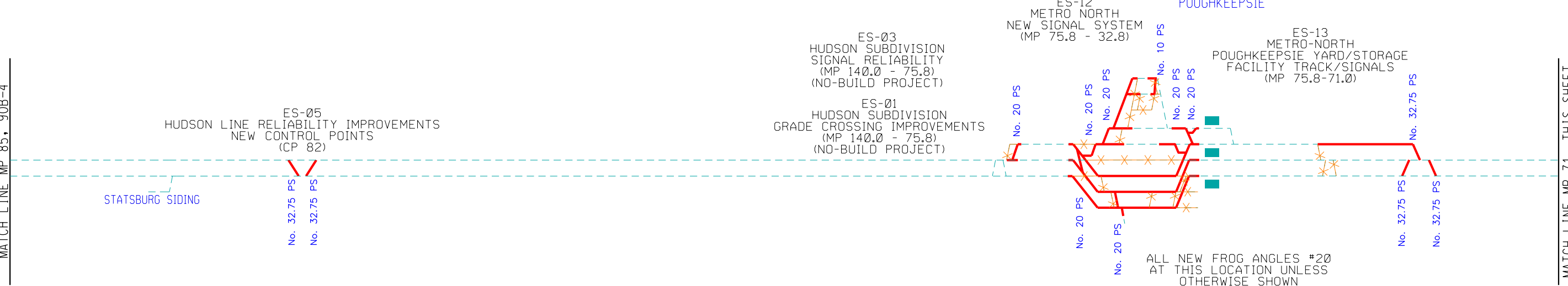
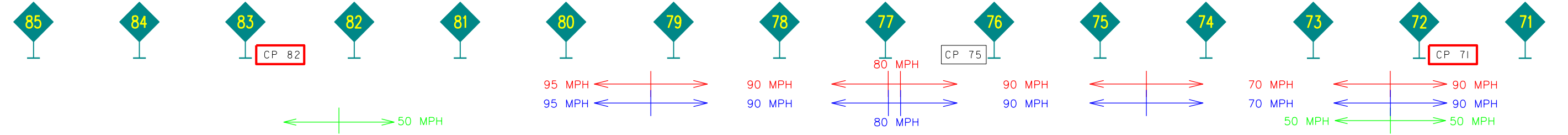
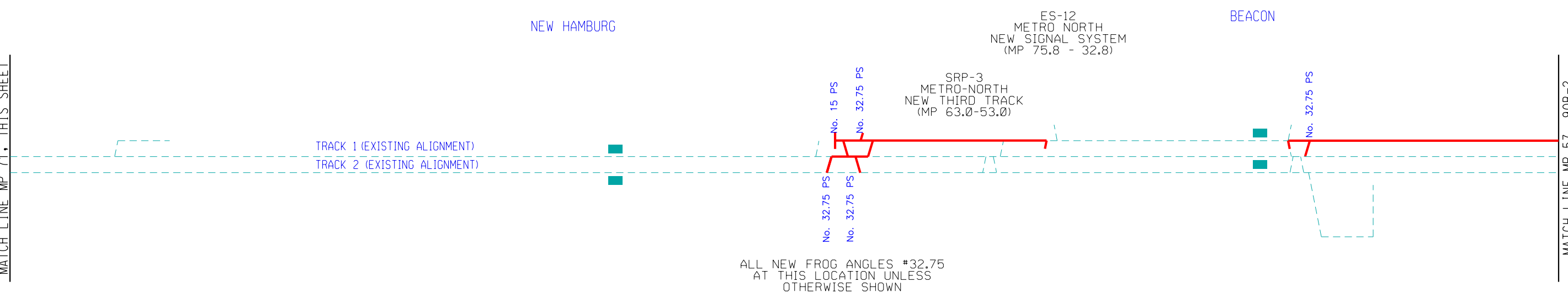
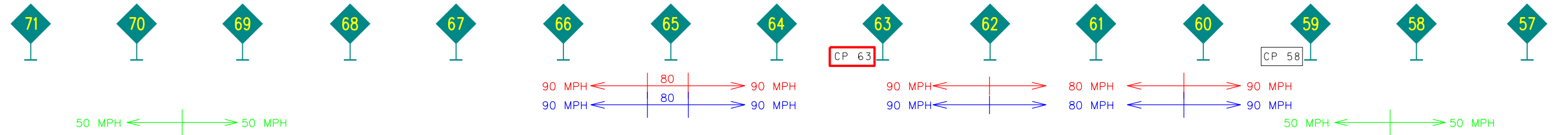


- SYMBOLS:**
- BRIDGE
  - CULVERT
  - EXISTING STATION
  - PROPOSED STATION
  - WATER OBSTRUCTION
  - CP XX EXISTING CONTROL POINT
  - CP XX NEW CONTROL POINT
  - ROCK CUT
  - EXISTING TRACK
  - TRACK TO BE REMOVED
  - OTHER RAILROAD
  - EXISTING ACCESS ROAD
  - NEW/RELOCATED FREIGHT TRACK
  - NEW PASSENGER TRACK
  - NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
  - POTENTIAL ACCESS ROAD
  - NO-BUILD TRACK
  - XX MPH PROPOSED PASSENGER SPEED
  - XX MPH EXISTING PASSENGER SPEED
  - XX MPH EXISTING/PROPOSED FREIGHT SPEED

NOTES:  
 1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

	NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	ALTERNATIVE 90B ENGINEERED TRACK SCHEMATICS	
		DRAWING NO. 90B-2 SHEET NO. 2 DATE: APRIL, 2012

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**SYMBOLS:**

- BRIDGE
- CULVERT
- EXISTING STATION
- PROPOSED STATION
- WATER OBSTRUCTION
- CP XX EXISTING CONTROL POINT
- CP XX NEW CONTROL POINT
- ROCK CUT

**LEGEND:**

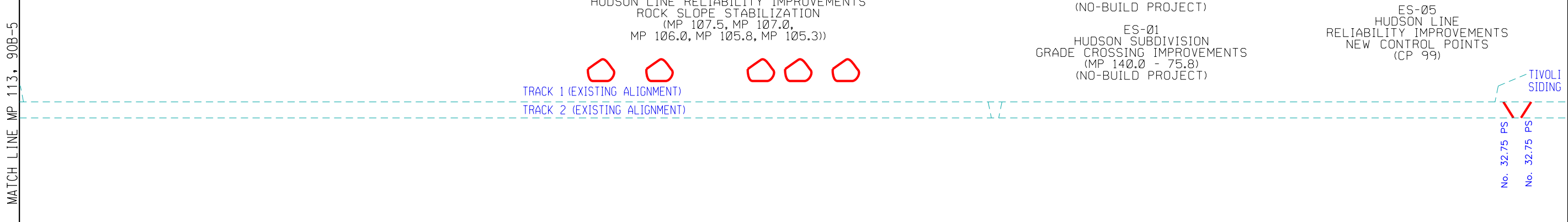
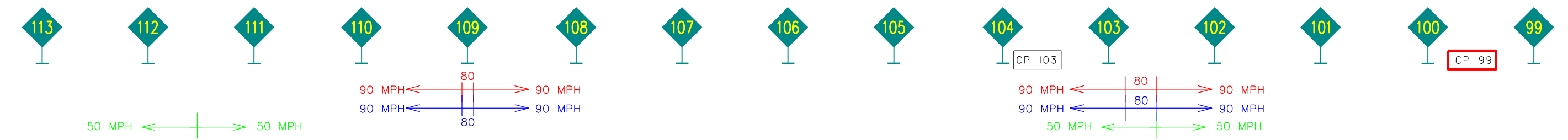
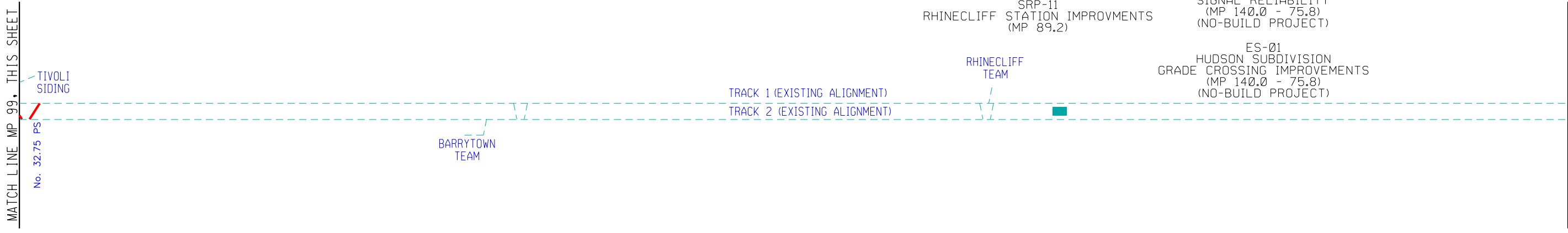
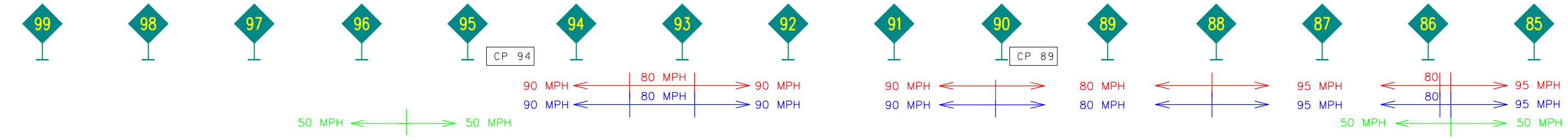
- EXISTING TRACK
- TRACK TO BE REMOVED
- OTHER RAILROAD
- EXISTING ACCESS ROAD
- NEW/RELOCATED FREIGHT TRACK
- NEW PASSENGER TRACK
- NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
- POTENTIAL ACCESS ROAD
- NO-BUILD TRACK
- XX MPH PROPOSED PASSENGER SPEED
- XX MPH EXISTING PASSENGER SPEED
- XX MPH EXISTING/PROPOSED FREIGHT SPEED

NOTES:  
 1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

	NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	ALTERNATIVE 90B ENGINEERED TRACK SCHEMATICS	

DRAWING NO. 90B-3  
 SHEET NO. 3  
 DATE: APRIL, 2012

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**SYMBOLS:**

- BRIDGE
- CULVERT
- EXISTING STATION
- PROPOSED STATION
- WATER OBSTRUCTION
- CP XX EXISTING CONTROL POINT
- CP XX NEW CONTROL POINT
- ROCK CUT

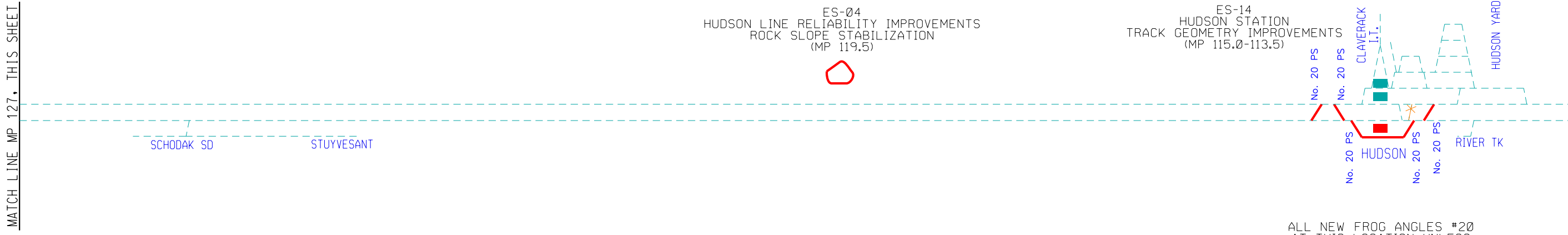
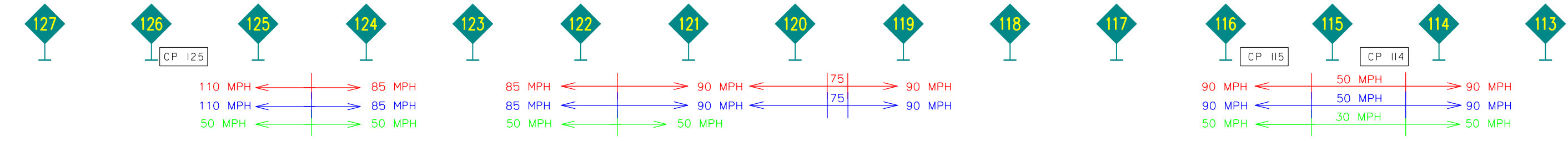
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- TRACK TO BE REMOVED
- OTHER RAILROAD
- EXISTING ACCESS ROAD
- NEW/RELOCATED FREIGHT TRACK
- NEW PASSENGER TRACK
- NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
- POTENTIAL ACCESS ROAD
- NO-BUILD TRACK
- XX MPH PROPOSED PASSENGER SPEED
- XX MPH EXISTING PASSENGER SPEED
- XX MPH EXISTING/PROPOSED FREIGHT SPEED

NOTES:  
 1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

	NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	ALTERNATIVE 90B ENGINEERED TRACK SCHEMATICS	
		DRAWING NO. 90B-4 SHEET NO. 4 DATE: APRIL, 2012

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**SYMBOLS:**

- BRIDGE
- CULVERT
- EXISTING STATION
- PROPOSED STATION
- WATER OBSTRUCTION
- CP XX EXISTING CONTROL POINT
- CP XX NEW CONTROL POINT
- ROCK CUT

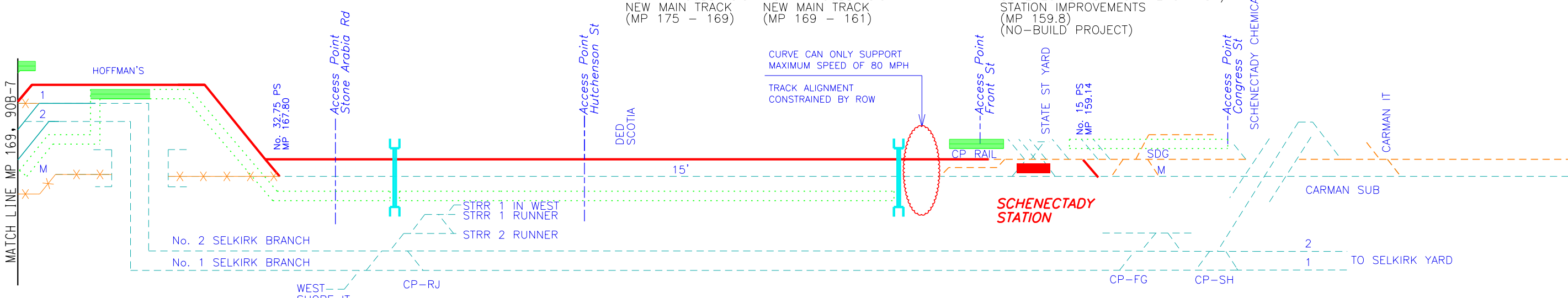
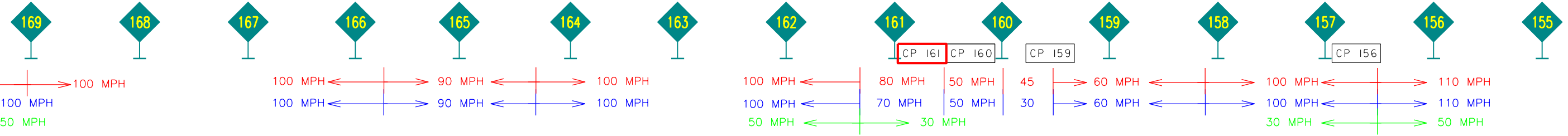
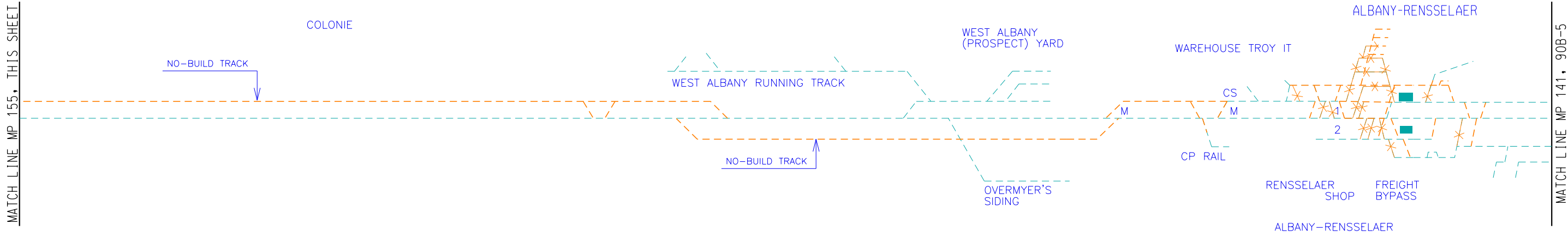
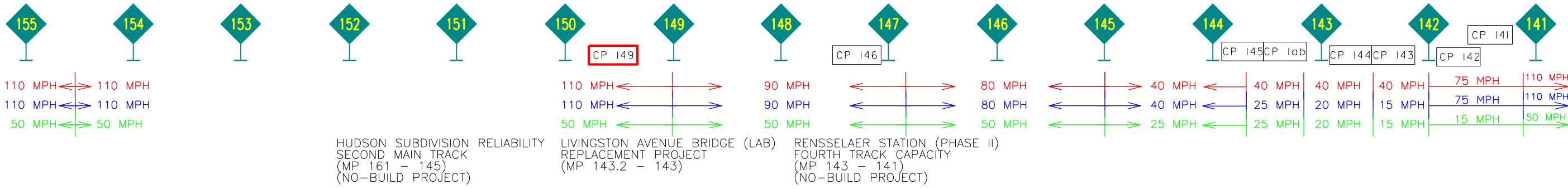
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- TRACK TO BE REMOVED
- OTHER RAILROAD
- EXISTING ACCESS ROAD
- NEW/RELOCATED FREIGHT TRACK
- NEW PASSENGER TRACK
- NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
- POTENTIAL ACCESS ROAD
- NO-BUILD TRACK
- XX MPH PROPOSED PASSENGER SPEED
- XX MPH EXISTING PASSENGER SPEED
- XX MPH EXISTING/PROPOSED FREIGHT SPEED

NOTES:  
 1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

	NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	ALTERNATIVE 90B ENGINEERED TRACK SCHEMATICS	
		DRAWING NO. 90B-5 SHEET NO. 5 DATE: APRIL, 2012

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**SYMBOLS:**

- BRIDGE
- CULVERT
- EXISTING STATION
- PROPOSED STATION
- WATER OBSTRUCTION
- EXISTING CONTROL POINT
- NEW CONTROL POINT
- ROCK CUT

**LEGEND:**

- EXISTING TRACK
- TRACK TO BE REMOVED
- OTHER RAILROAD
- EXISTING ACCESS ROAD
- NEW/RELOCATED FREIGHT TRACK
- NEW PASSENGER TRACK
- NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
- POTENTIAL ACCESS ROAD
- NO-BUILD TRACK
- XX MPH PROPOSED PASSENGER SPEED
- XX MPH EXISTING PASSENGER SPEED
- XX MPH EXISTING/PROPOSED FREIGHT SPEED

**NOTES:**  
 1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

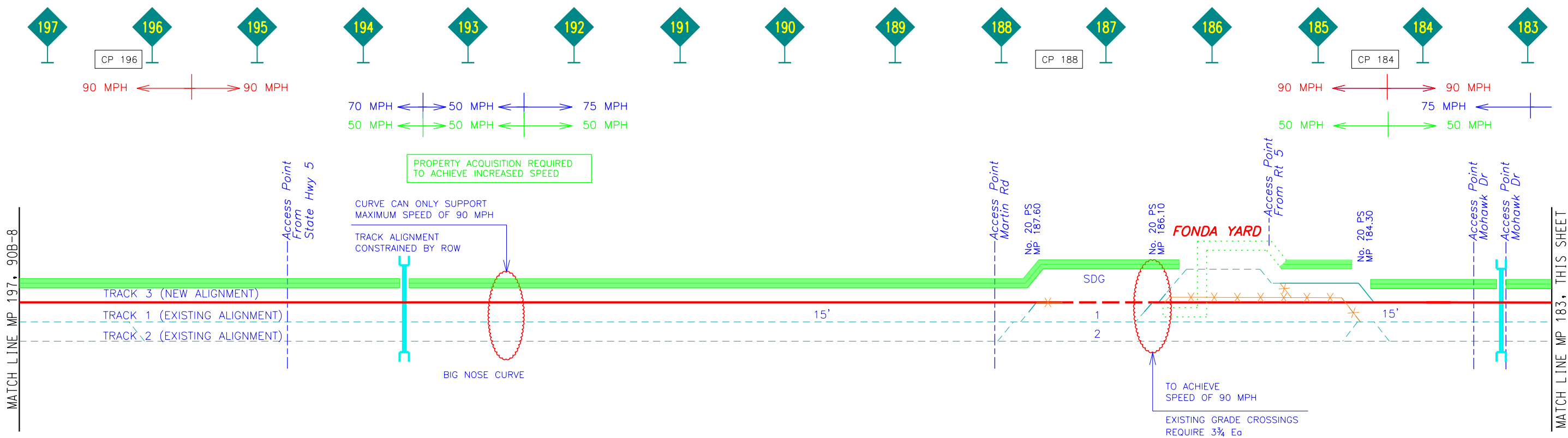
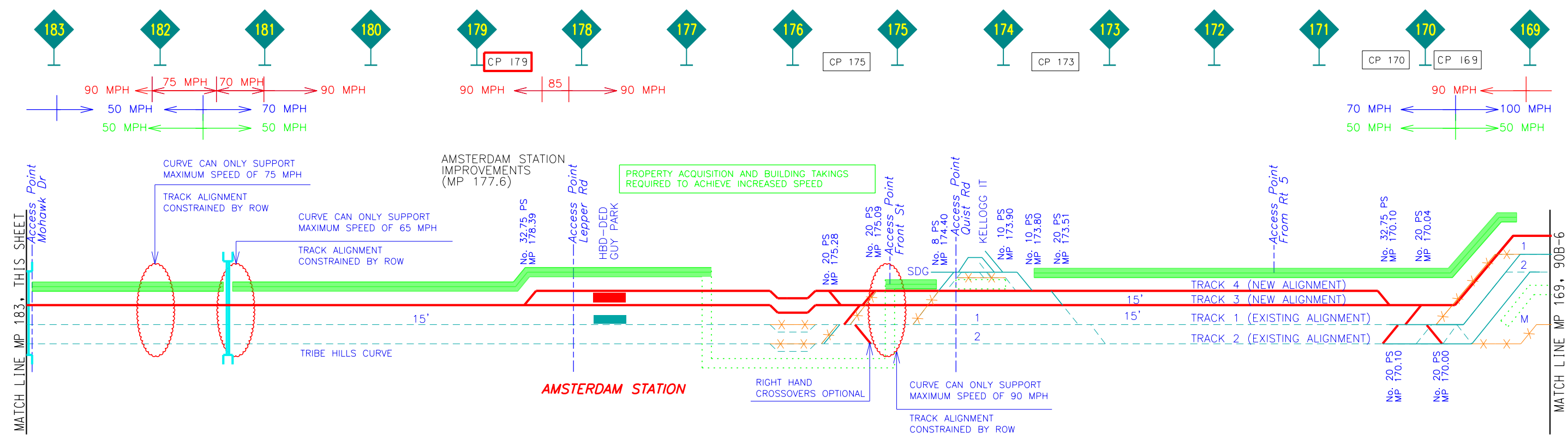
NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL  
EMPIRE CORRIDOR, TIER 1 EIS

ALTERNATIVE 90B  
ENGINEERED TRACK SCHEMATICS

CONTRACT NUMBER	
XXXXXXXXXX	
DRAWING NO. 90B-6 SHEET NO. 6 DATE: APRIL, 2012	



PLAN DEVELOPED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ FILE NAME = \$file\$



- SYMBOLS:**
- BRIDGE
  - CULVERT
  - EXISTING STATION
  - PROPOSED STATION
  - WATER OBSTRUCTION
  - CP XX EXISTING CONTROL POINT
  - CP XX NEW CONTROL POINT
  - ROCK CUT
  - EXISTING TRACK
  - TRACK TO BE REMOVED
  - OTHER RAILROAD
  - EXISTING ACCESS ROAD
  - NEW/RELOCATED FREIGHT TRACK
  - NEW PASSENGER TRACK
  - NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
  - POTENTIAL ACCESS ROAD
  - NO-BUILD TRACK
  - XX MPH PROPOSED PASSENGER SPEED
  - XX MPH EXISTING PASSENGER SPEED
  - XX MPH EXISTING/PROPOSED FREIGHT SPEED

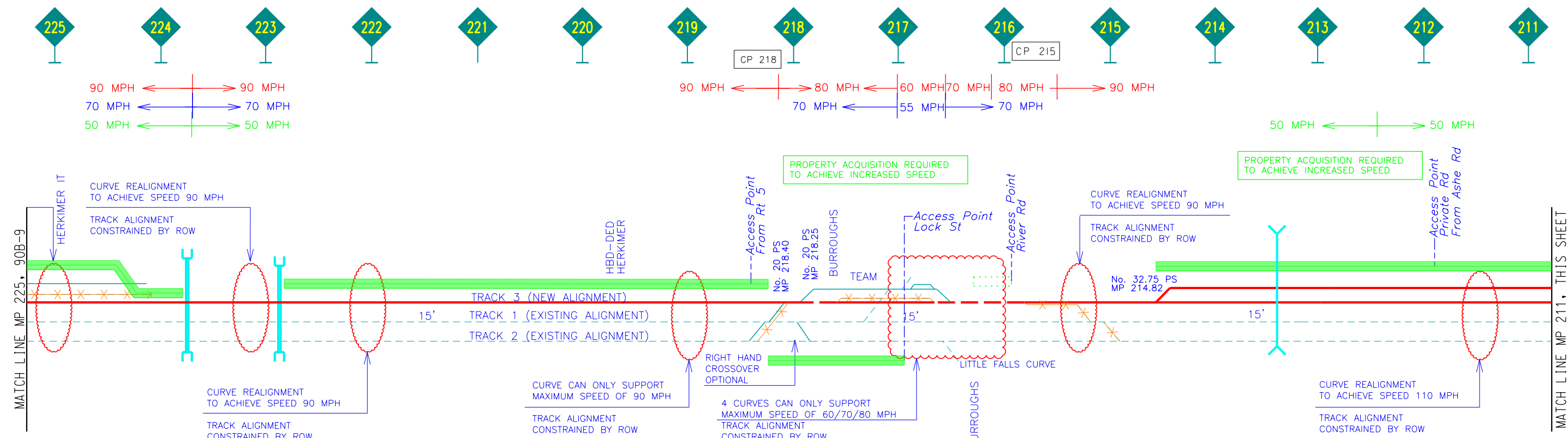
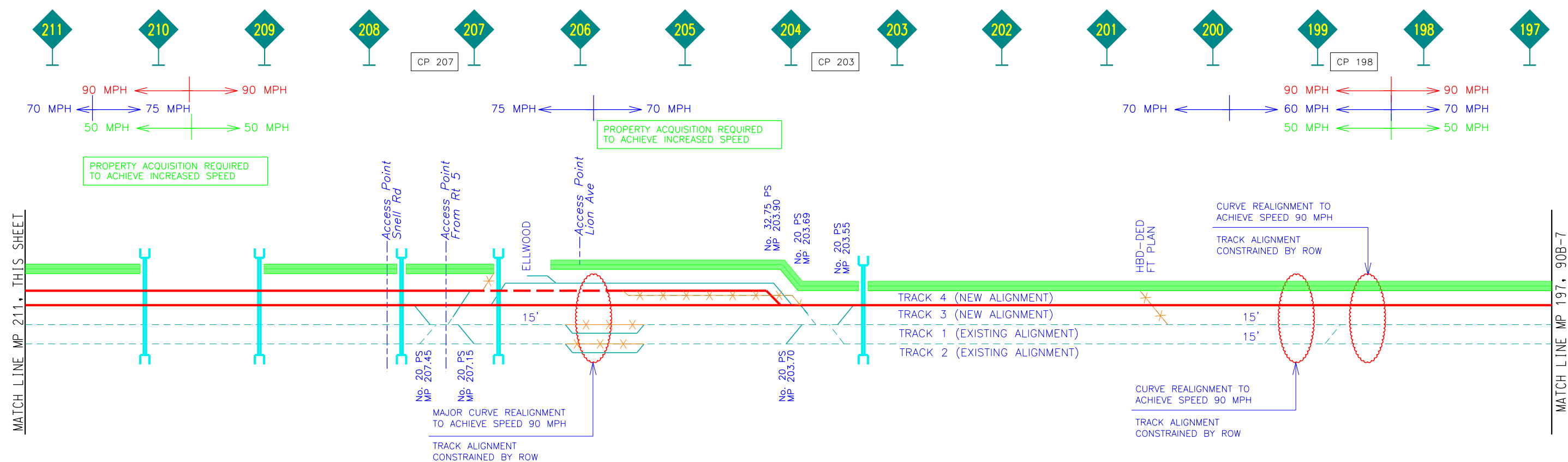
NOTES:  
 1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL  
EMPIRE CORRIDOR, TIER 1 EIS

ALTERNATIVE 90B  
ENGINEERED TRACK SCHEMATICS

CONTRACT NUMBER	
XXXXXXXXXX	
DRAWING NO. 90B-7 SHEET NO. 7 DATE: APRIL, 2012	

PLAN DEVELOPED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ FILE NAME = \$file\$



**SYMBOLS:**

- BRIDGE
- CULVERT
- EXISTING STATION
- PROPOSED STATION
- WATER OBSTRUCTION
- CP XX EXISTING CONTROL POINT
- CP XX NEW CONTROL POINT
- ROCK CUT

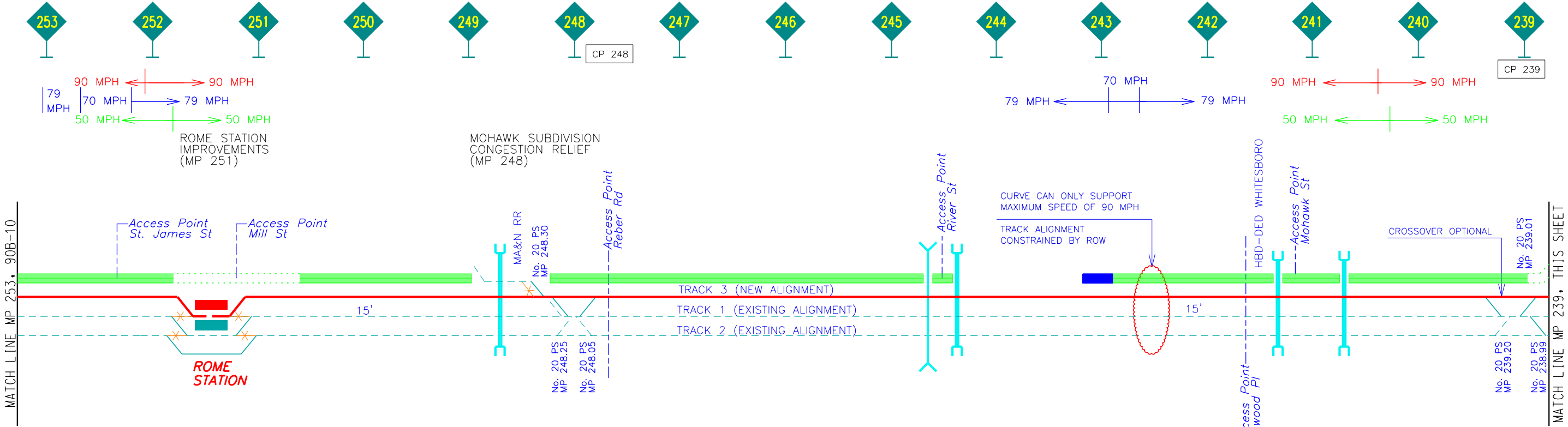
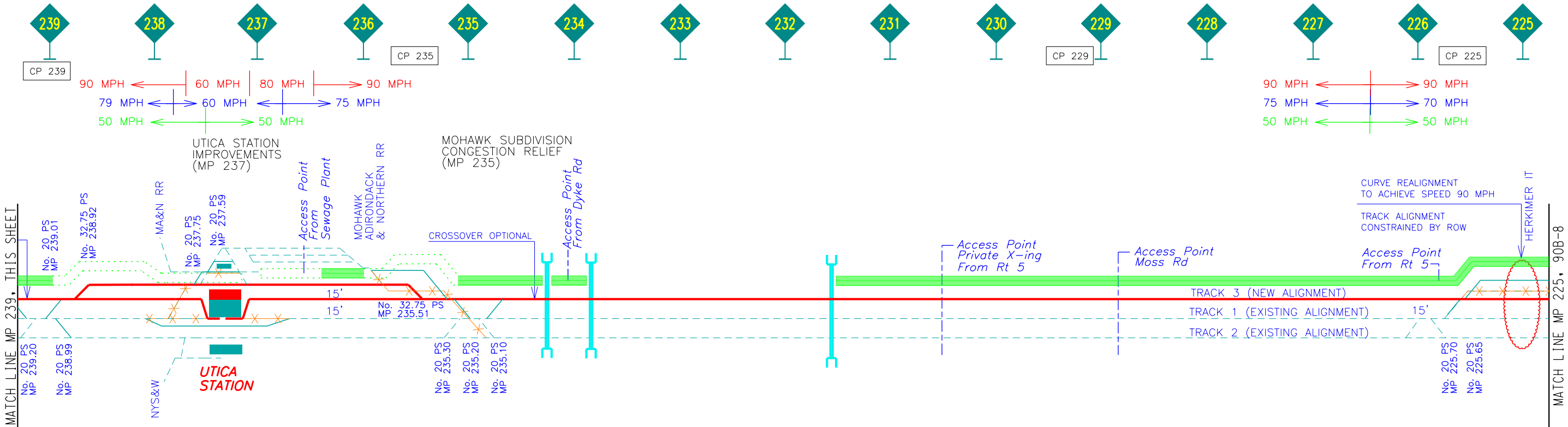
**LEGEND:**

- EXISTING TRACK
- TRACK TO BE REMOVED
- OTHER RAILROAD
- EXISTING ACCESS ROAD
- NEW/RELOCATED FREIGHT TRACK
- NEW PASSENGER TRACK
- NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
- POTENTIAL ACCESS ROAD
- NO-BUILD TRACK
- XX MPH PROPOSED PASSENGER SPEED
- XX MPH EXISTING PASSENGER SPEED
- XX MPH EXISTING/PROPOSED FREIGHT SPEED

**NOTES:**  
 1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

	NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	ALTERNATIVE 90B ENGINEERED TRACK SCHEMATICS	DRAWING NO. 90B-8 SHEET NO. 8 DATE: APRIL, 2012

PLAN DEVELOPED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ FILE NAME = \$file\$



**SYMBOLS:**

- BRIDGE
- CULVERT
- EXISTING STATION
- PROPOSED STATION
- WATER OBSTRUCTION
- CP XX EXISTING CONTROL POINT
- CP XX NEW CONTROL POINT
- ROCK CUT

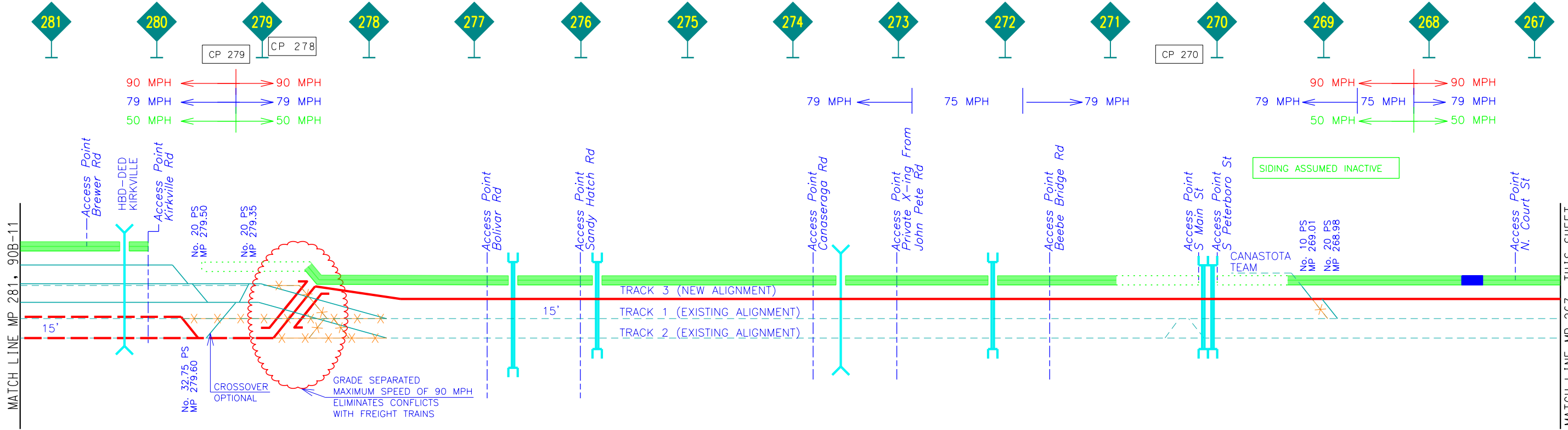
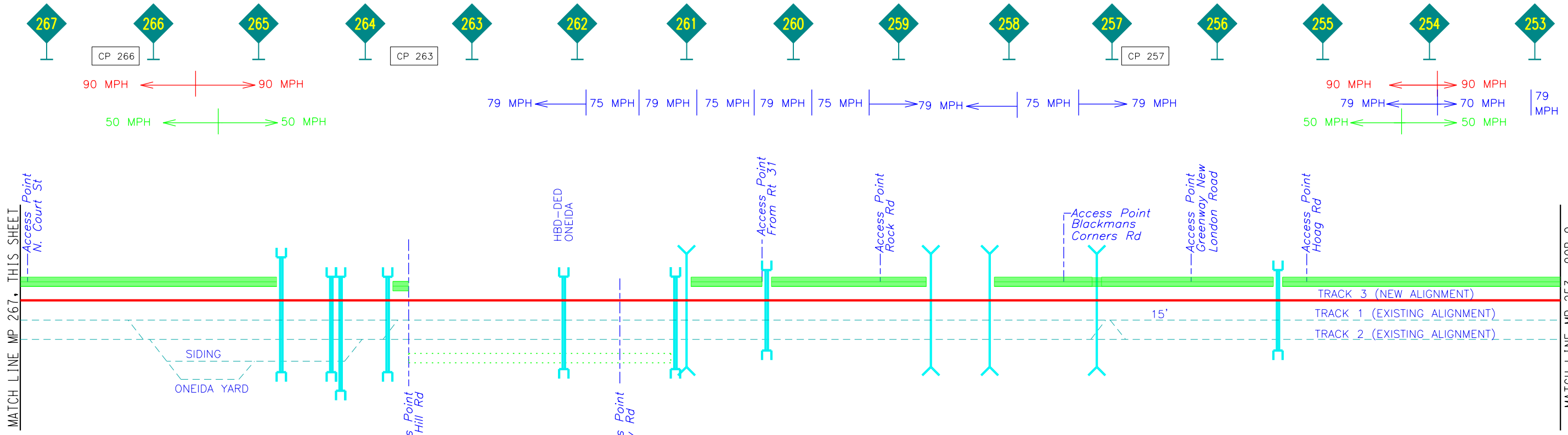
**LEGEND:**

- EXISTING TRACK
- TRACK TO BE REMOVED
- OTHER RAILROAD
- EXISTING ACCESS ROAD
- NEW/RELOCATED FREIGHT TRACK
- NEW PASSENGER TRACK
- NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
- POTENTIAL ACCESS ROAD
- NO-BUILD TRACK
- 90 MPH PROPOSED PASSENGER SPEED
- 79 MPH EXISTING PASSENGER SPEED
- 50 MPH EXISTING/PROPOSED FREIGHT SPEED

NOTES:  
 1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

	NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	ALTERNATIVE 90B ENGINEERED TRACK SCHEMATICS	
DRAWING NO. 90B-9 SHEET NO. 9 DATE: APRIL, 2012		

PLAN DEVELOPED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ FILE NAME = \$file\$



**SYMBOLS:**

- BRIDGE
- CULVERT
- EXISTING STATION
- PROPOSED STATION
- WATER OBSTRUCTION
- CP XX EXISTING CONTROL POINT
- CP XX NEW CONTROL POINT
- ROCK CUT

**LEGEND:**

- EXISTING TRACK
- TRACK TO BE REMOVED
- OTHER RAILROAD
- EXISTING ACCESS ROAD
- NEW/RELOCATED FREIGHT TRACK
- NEW PASSENGER TRACK
- NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
- POTENTIAL ACCESS ROAD
- NO-BUILD TRACK
- XX MPH PROPOSED PASSENGER SPEED
- XX MPH EXISTING PASSENGER SPEED
- XX MPH EXISTING/PROPOSED FREIGHT SPEED

NOTES:  
 1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

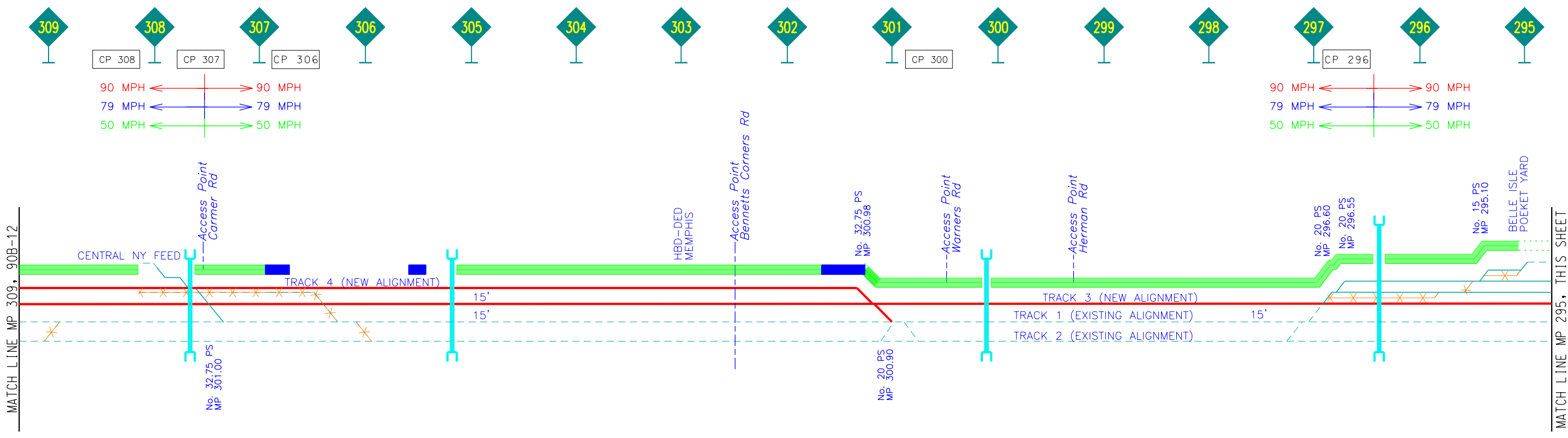
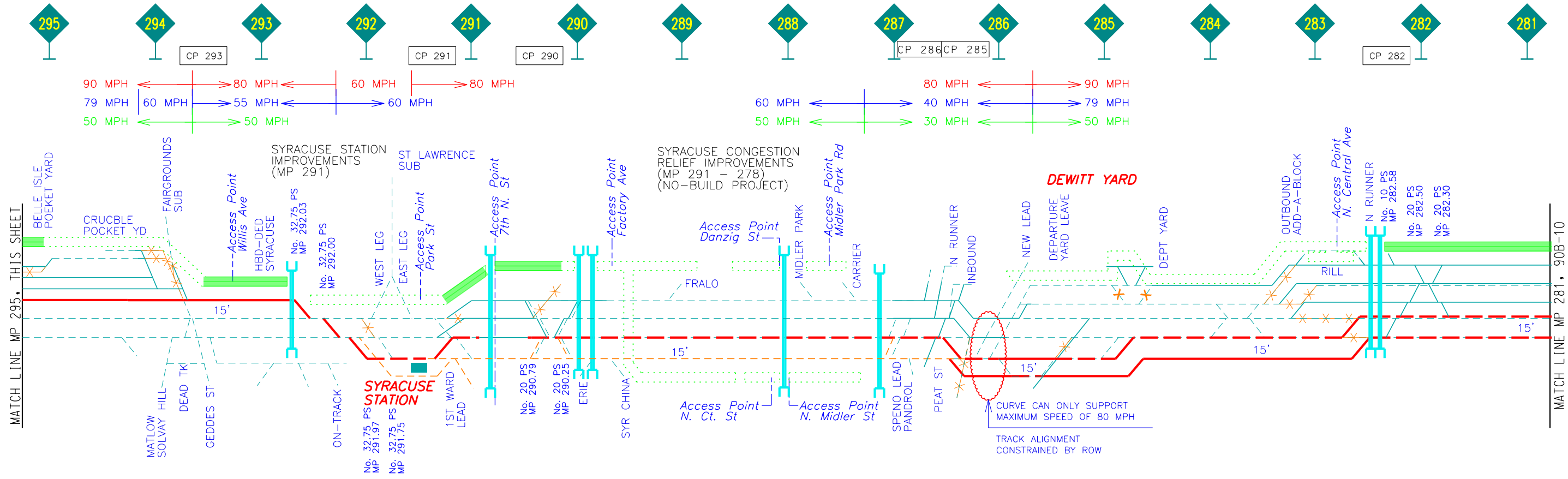


**HNTB**

NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	DRAWING NO. 90B-10 SHEET NO. 10 DATE: APRIL, 2012

ALTERNATIVE 90B  
 ENGINEERED TRACK SCHEMATICS

PLAN DEVELOPED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ FILE NAME = \$file\$.



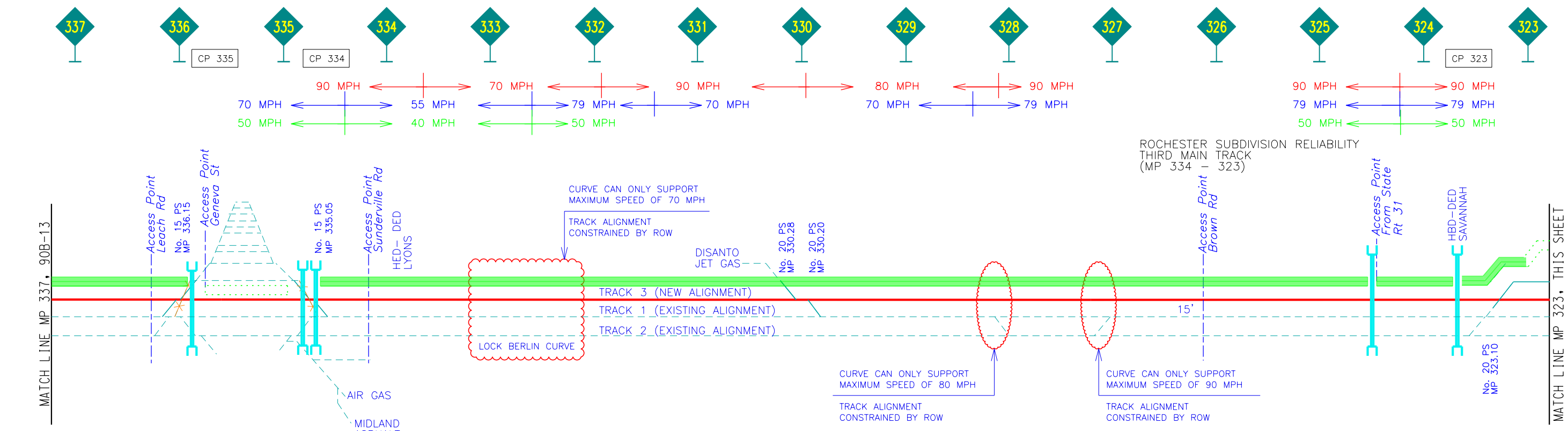
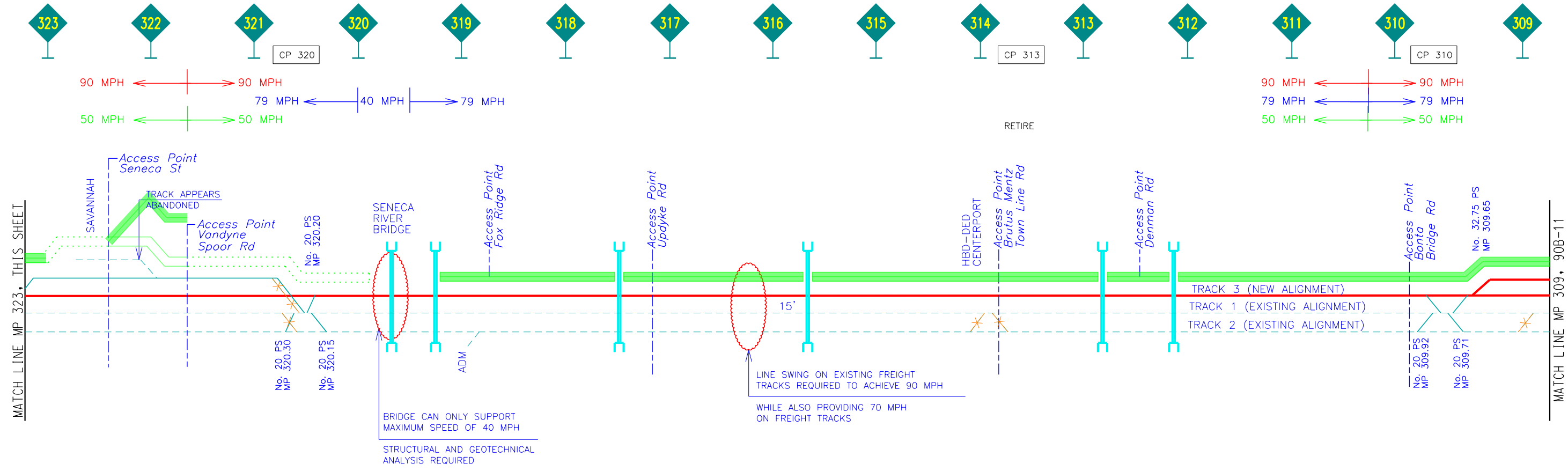
- SYMBOLS:**
- BRIDGE
  - CULVERT
  - EXISTING STATION
  - PROPOSED STATION
  - WATER OBSTRUCTION
  - CP XX EXISTING CONTROL POINT
  - CP XX NEW CONTROL POINT
  - ROCK CUT
  - EXISTING TRACK
  - TRACK TO BE REMOVED
  - OTHER RAILROAD
  - EXISTING ACCESS ROAD
  - NEW/RELOCATED FREIGHT TRACK
  - NEW PASSENGER TRACK
  - NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
  - POTENTIAL ACCESS ROAD
  - NO-BUILD TRACK
  - XX MPH PROPOSED PASSENGER SPEED
  - XX MPH EXISTING PASSENGER SPEED
  - XX MPH EXISTING/PROPOSED FREIGHT SPEED

NOTES:  
 1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL  
EMPIRE CORRIDOR, TIER 1 EIS

CONTRACT NUMBER	XXXXXXXXXX
DRAWING NO. 90B-11	SHEET NO. 11
DATE: APRIL, 2012	

PLAN DEVELOPED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ FILE NAME = \$file\$



- SYMBOLS:**
- BRIDGE
  - CULVERT
  - EXISTING STATION
  - PROPOSED STATION
  - WATER OBSTRUCTION
  - CP XX EXISTING CONTROL POINT
  - CP XX NEW CONTROL POINT
  - ROCK CUT
  - EXISTING TRACK
  - TRACK TO BE REMOVED
  - OTHER RAILROAD
  - EXISTING ACCESS ROAD
  - NEW/RELOCATED FREIGHT TRACK
  - NEW PASSENGER TRACK
  - NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
  - POTENTIAL ACCESS ROAD
  - NO-BUILD TRACK
  - XX MPH PROPOSED PASSENGER SPEED
  - XX MPH EXISTING PASSENGER SPEED
  - XX MPH EXISTING/PROPOSED FREIGHT SPEED

NOTES:  
 1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL  
EMPIRE CORRIDOR, TIER 1 EIS

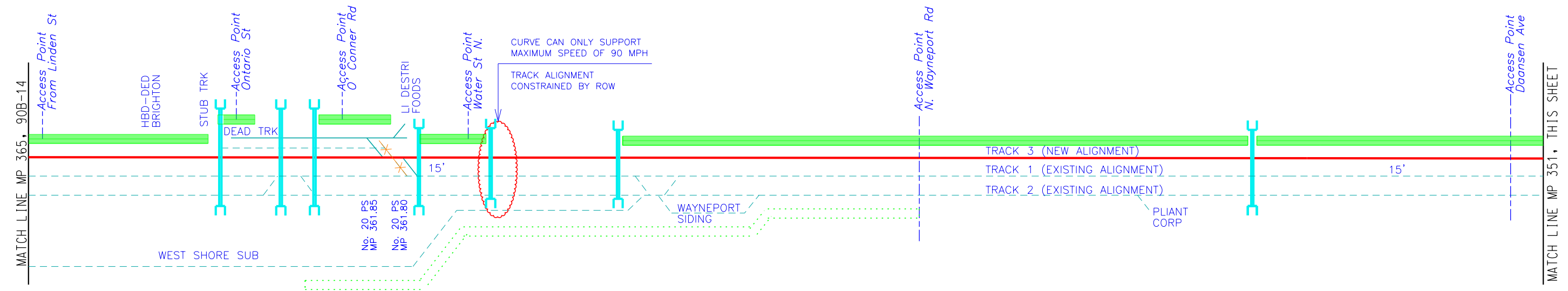
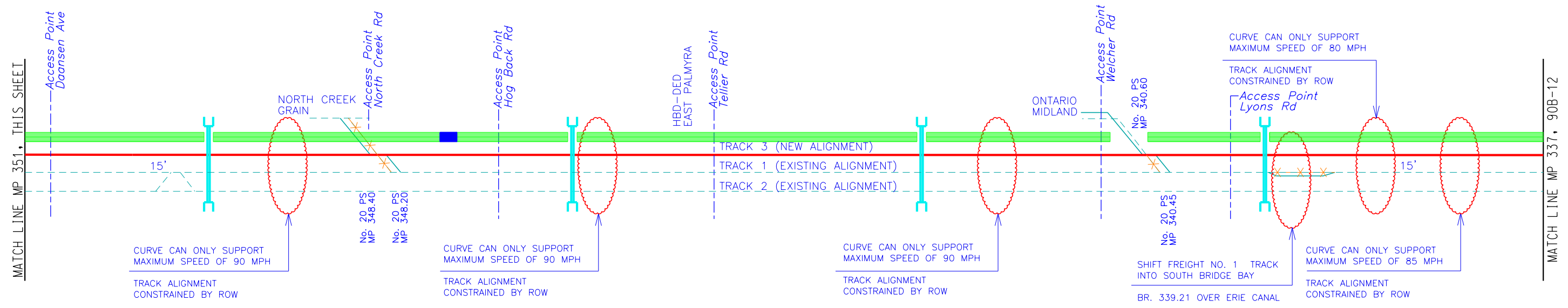
ALTERNATIVE 90B  
ENGINEERED TRACK SCHEMATICS

CONTRACT NUMBER  
XXXXXXXXXX

DRAWING NO. 90B-12  
SHEET NO. 12  
DATE: APRIL, 2012



PLAN DEVELOPED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ FILE NAME = \$file\$



**SYMBOLS:**

- BRIDGE
- CULVERT
- EXISTING STATION
- PROPOSED STATION
- WATER OBSTRUCTION
- CP XX EXISTING CONTROL POINT
- CP XX NEW CONTROL POINT
- ROCK CUT

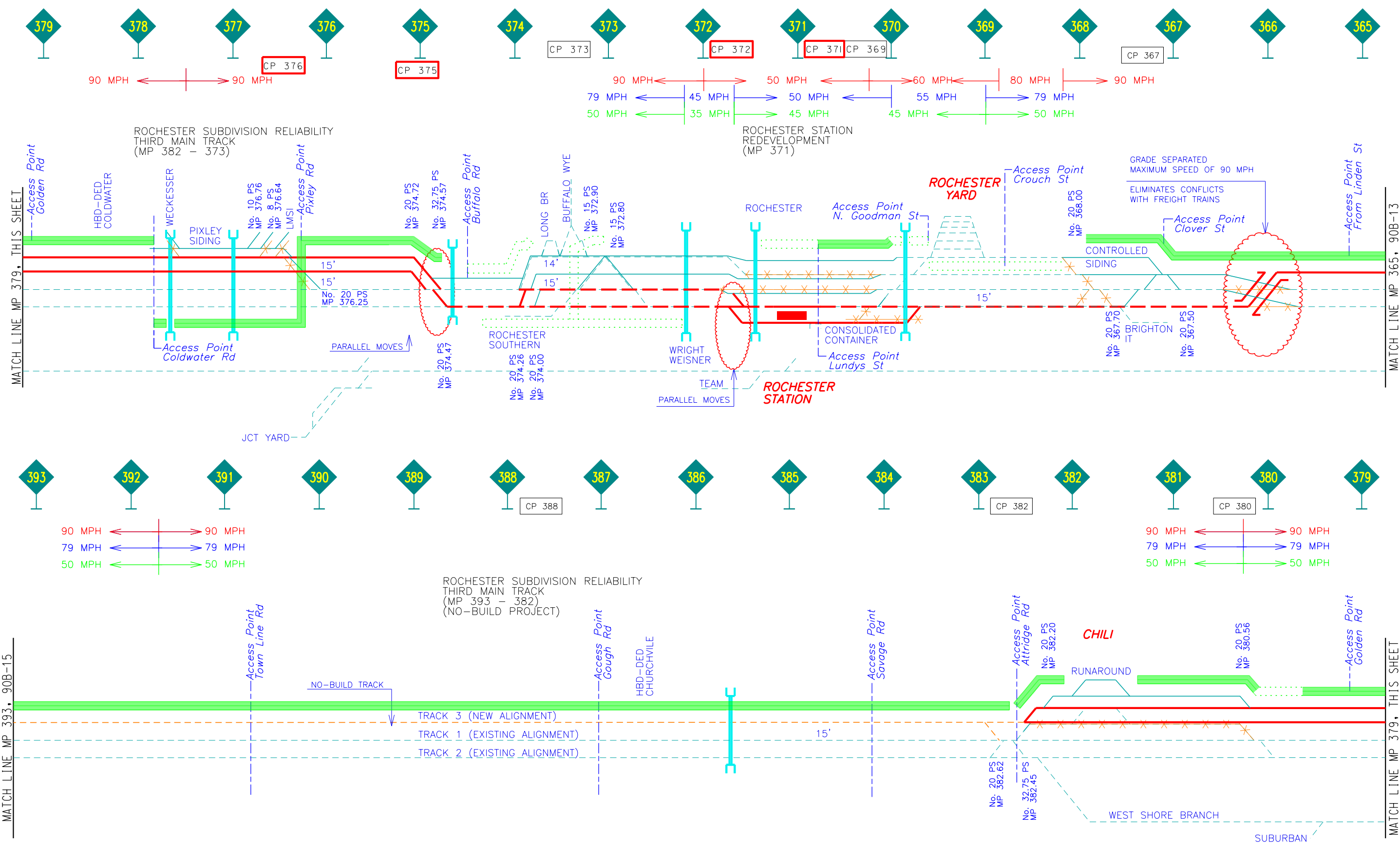
**LEGEND:**

- EXISTING TRACK
- TRACK TO BE REMOVED
- OTHER RAILROAD
- EXISTING ACCESS ROAD
- NEW/RELOCATED FREIGHT TRACK
- NEW PASSENGER TRACK
- NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
- POTENTIAL ACCESS ROAD
- NO-BUILD TRACK
- XX MPH PROPOSED PASSENGER SPEED
- XX MPH EXISTING PASSENGER SPEED
- XX MPH EXISTING/PROPOSED FREIGHT SPEED

NOTES:  
 1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

	NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	ALTERNATIVE 90B ENGINEERED TRACK SCHEMATICS	
DRAWING NO. 90B-13 SHEET NO. 13 DATE: APRIL, 2012		

PLAN DEVELOPED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ FILE NAME = \$file\$



NOTES:  
 1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

SYMBOLS:		LEGEND:	
	BRIDGE		EXISTING TRACK
	PROPOSED STATION		TRACK TO BE REMOVED
	WATER OBSTRUCTION		OTHER RAILROAD
	EXISTING CONTROL POINT		EXISTING ACCESS ROAD
	NEW CONTROL POINT		NEW/RELOCATED FREIGHT TRACK
	ROCK CUT		NEW PASSENGER TRACK
			NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
			POTENTIAL ACCESS ROAD
			NO-BUILD TRACK
			XX MPH PROPOSED PASSENGER SPEED
			XX MPH EXISTING PASSENGER SPEED
			XX MPH EXISTING/PROPOSED FREIGHT SPEED

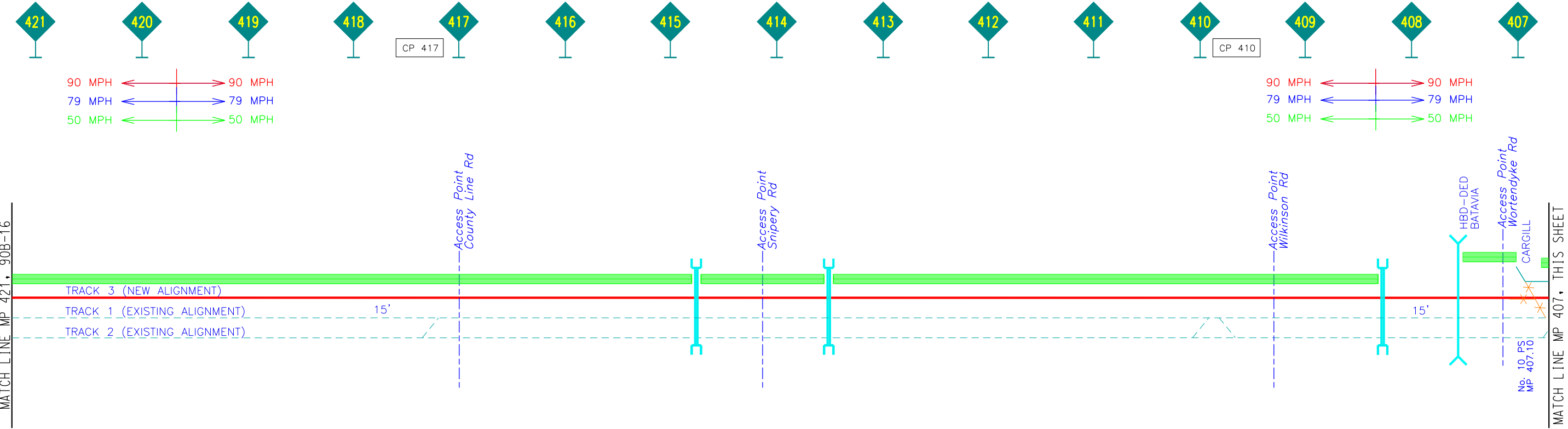
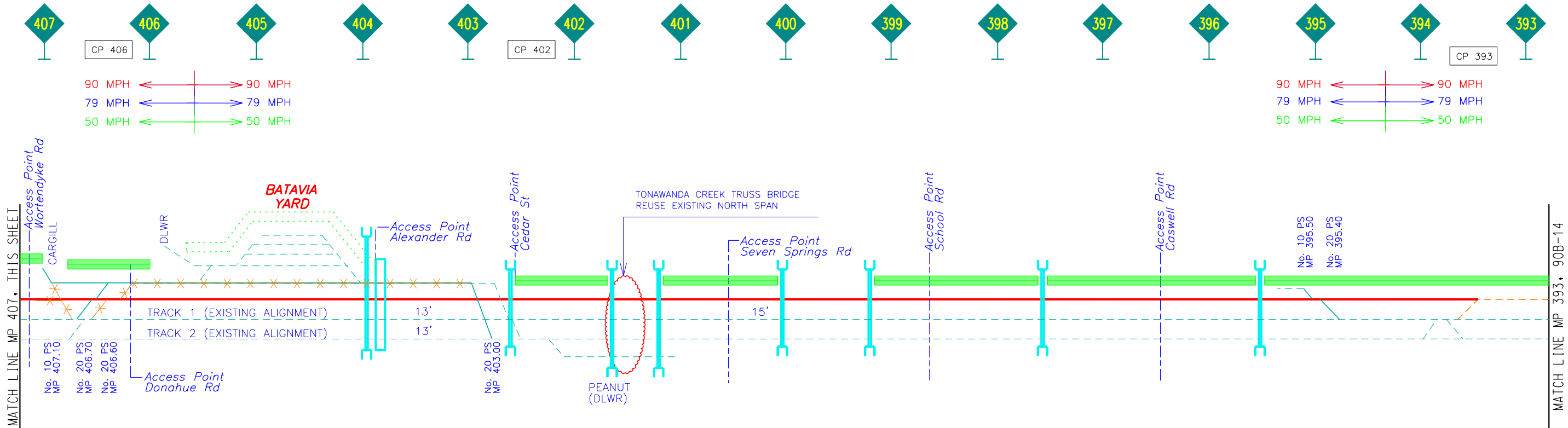
NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL  
EMPIRE CORRIDOR, TIER 1 EIS

ALTERNATIVE 90B  
ENGINEERED TRACK SCHEMATICS

CONTRACT NUMBER	
XXXXXXXXXX	
DRAWING NO. 90B-14	
SHEET NO. 14	
DATE: APRIL, 2012	



PLAN DEVELOPED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ FILE NAME = \$file\$

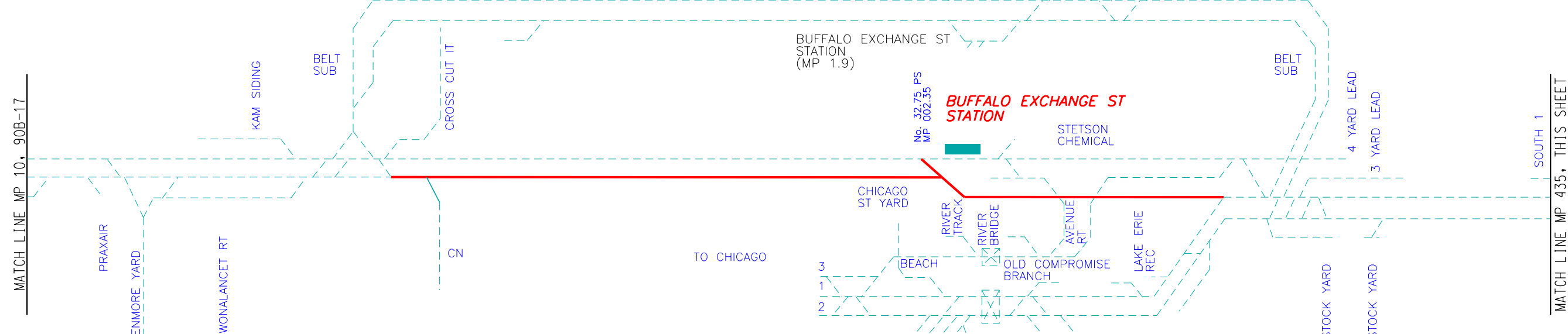
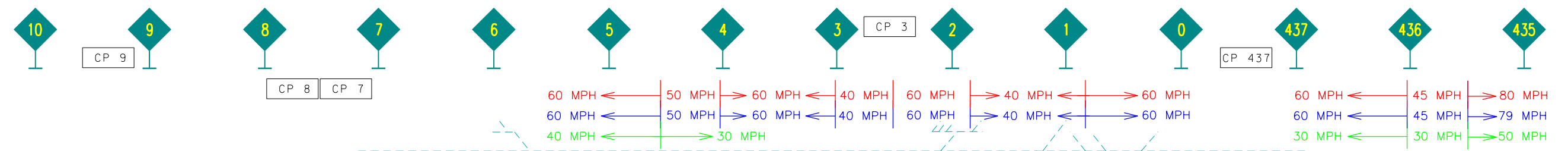
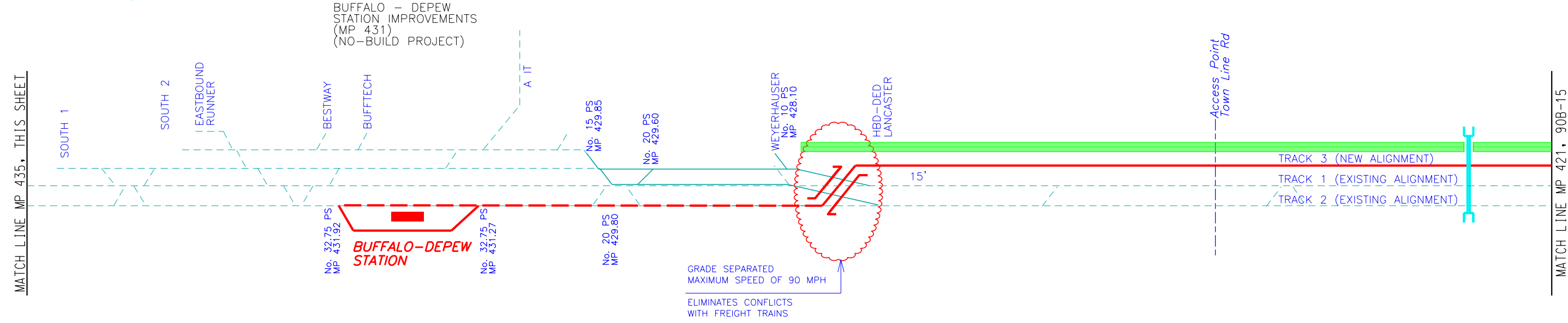
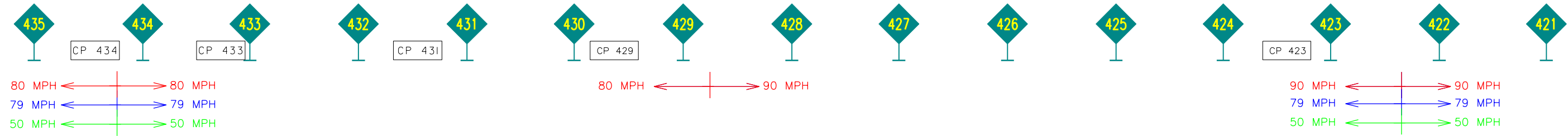


NOTES:  
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- SYMBOLS:**
- BRIDGE
  - CULVERT
  - EXISTING STATION
  - PROPOSED STATION
  - WATER OBSTRUCTION
  - CP XX EXISTING CONTROL POINT
  - CP XX NEW CONTROL POINT
  - ROCK CUT
  - EXISTING TRACK
  - TRACK TO BE REMOVED
  - OTHER RAILROAD
  - EXISTING ACCESS ROAD
  - NEW/RELOCATED FREIGHT TRACK
  - NEW PASSENGER TRACK
  - NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
  - POTENTIAL ACCESS ROAD
  - NO-BUILD TRACK
  - XX MPH PROPOSED PASSENGER SPEED
  - XX MPH EXISTING PASSENGER SPEED
  - XX MPH EXISTING/PROPOSED FREIGHT SPEED

	NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	ALTERNATIVE 90B ENGINEERED TRACK SCHEMATICS	
DRAWING NO. 90B-15 SHEET NO. 15 DATE: APRIL, 2012		

PLAN DEVELOPED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ FILE NAME = \$file\$



**SYMBOLS:**

- BRIDGE
- CULVERT
- EXISTING STATION
- PROPOSED STATION
- WATER OBSTRUCTION
- CP XX EXISTING CONTROL POINT
- CP XX NEW CONTROL POINT
- ROCK CUT

**LEGEND:**

- EXISTING TRACK
- TRACK TO BE REMOVED
- OTHER RAILROAD
- EXISTING ACCESS ROAD
- NEW/RELOCATED FREIGHT TRACK
- NEW PASSENGER TRACK
- NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
- POTENTIAL ACCESS ROAD
- NO-BUILD TRACK
- XX MPH PROPOSED PASSENGER SPEED
- XX MPH EXISTING PASSENGER SPEED
- XX MPH EXISTING/PROPOSED FREIGHT SPEED

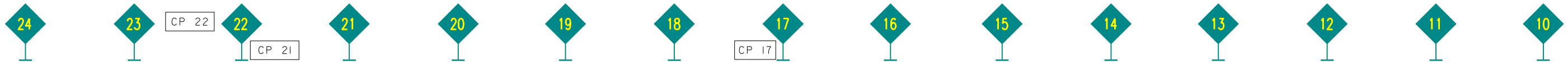
**NOTES:**  
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NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	DRAWING NO. 90B-16 SHEET NO. 16 DATE: APRIL, 2012

ALTERNATIVE 90B  
 ENGINEERED TRACK SCHEMATICS

PLAN DEVELOPED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ FILE NAME = \$file\$

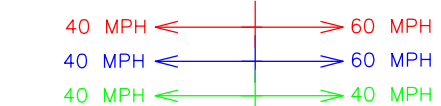
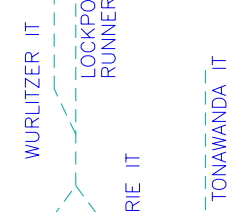
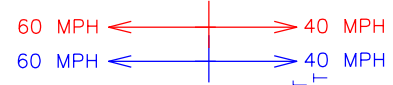


MATCH LINE MP 24, THIS SHEET

NIAGARA SUBDIVISION  
NEW SIGNAL SYSTEM  
(MP 28 - 8)

HBD-DED WHEATFIELD

NIAGARA SUBDIVISION  
DOUBLE TRACK  
(MP 22 - 17)



NIAGARA SUBDIVISION GRADE  
CROSSING IMPROVEMENTS  
(MP 28 - 1)

84 LUMBER  
MARTIN FIREPROOFING

MATCH LINE MP 10, 90B-16



BRIDGE TO TORONTO

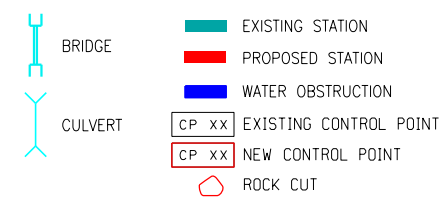
NIAGARA FALLS STATION

NIAGARA FALLS STATION  
NEW INTERMODAL TRANSPORTATION CENTER  
(MP 28)  
(NO-BUILD PROJECT)

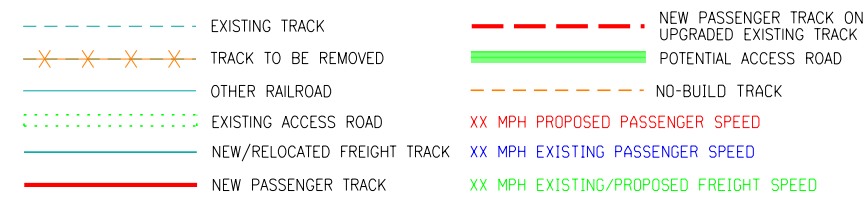
NIAGARA FALLS MAINTENANCE  
FACILITY / YARD IMPROVEMENTS  
(MP 27 - 27)

MATCH LINE MP 24, THIS SHEET

SYMBOLS:



LEGEND:



NOTES:  
1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

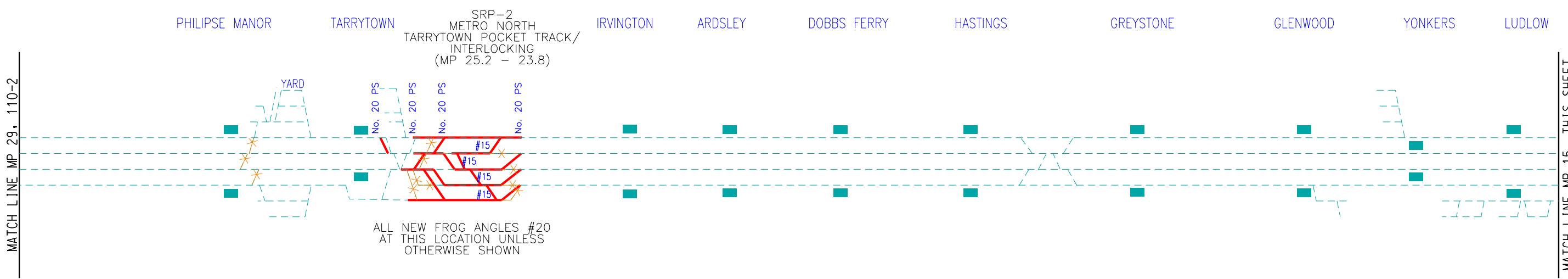
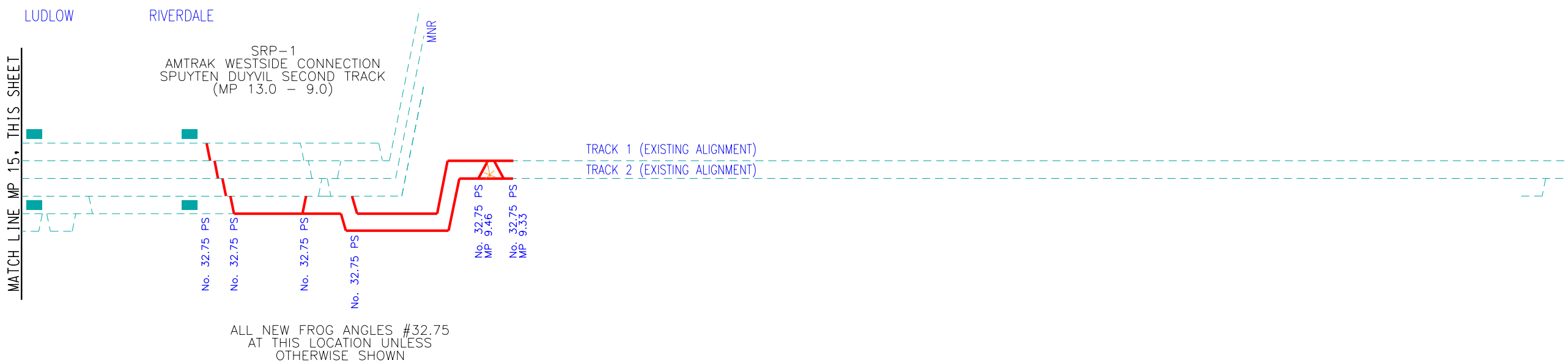
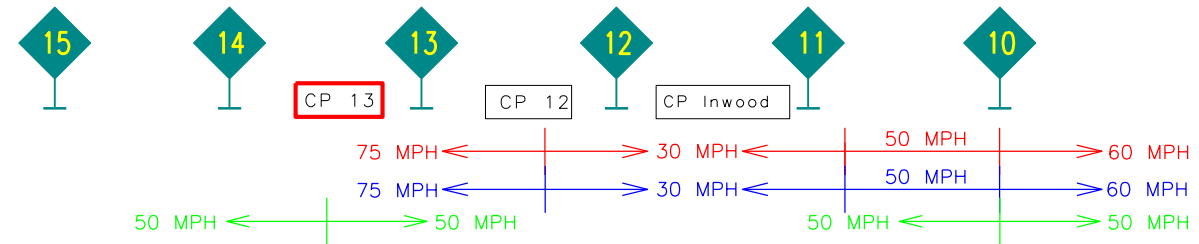
	NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXXX
	ALTERNATIVE 90B ENGINEERED TRACK SCHEMATICS	
DRAWING NO. 90B-17 SHEET NO. 17 DATE: APRIL, 2012		

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## Track Schematics for Alternative 110

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PLAN DEVELOPED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ FILE NAME = \$file\$

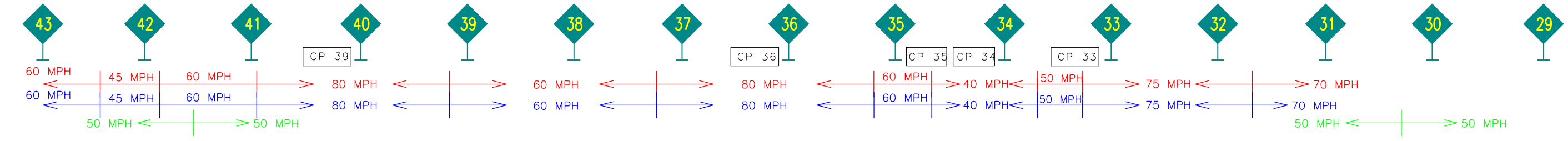


- SYMBOLS:**
- BRIDGE
  - CULVERT
  - EXISTING STATION
  - PROPOSED STATION
  - WATER OBSTRUCTION
  - CP XX EXISTING CONTROL POINT
  - CP XX NEW CONTROL POINT
  - ROCK CUT
  - EXISTING TRACK
  - TRACK TO BE REMOVED
  - OTHER RAILROAD
  - EXISTING ACCESS ROAD
  - NEW/RELOCATED FREIGHT TRACK
  - NEW PASSENGER TRACK
  - NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
  - POTENTIAL ACCESS ROAD
  - NO-BUILD TRACK
  - XX MPH PROPOSED PASSENGER SPEED
  - XX MPH EXISTING PASSENGER SPEED
  - XX MPH EXISTING/PROPOSED FREIGHT SPEED

NOTES:  
 1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

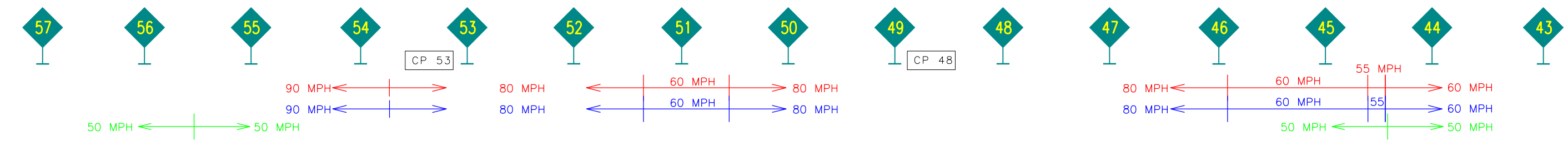
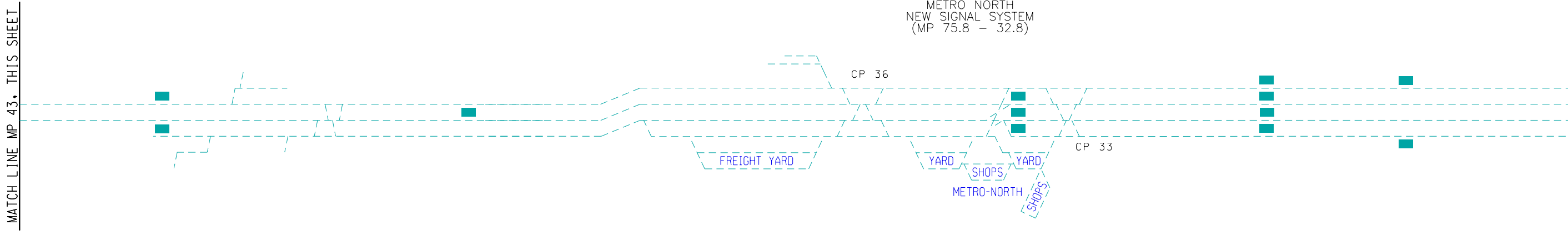
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	ALTERNATIVE 110 ENGINEERED TRACK SCHEMATICS	
		DRAWING NO. 110-1 SHEET NO. 1 DATE: FEBRUARY, 2012

PLAN DEVELOPED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ FILE NAME = \$file\$



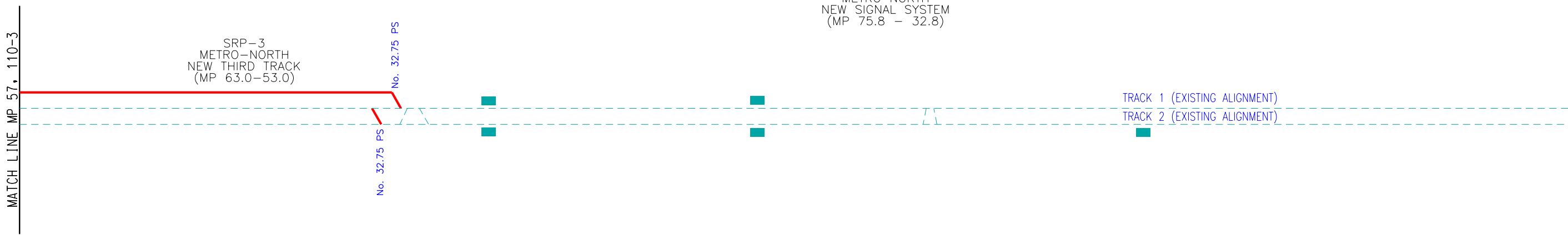
PEEKSKILL CORTLANDT CROTON-HARMON OSSINING SCARBOROUGH

ES-12  
METRO NORTH  
NEW SIGNAL SYSTEM  
(MP 75.8 - 32.8)



BRECKNECK RIDGE FLAG STOP COLD SPRING GARRISON MANITOU

ES-12  
METRO NORTH  
NEW SIGNAL SYSTEM  
(MP 75.8 - 32.8)



**SYMBOLS:**

- BRIDGE
- CULVERT
- EXISTING STATION
- PROPOSED STATION
- WATER OBSTRUCTION
- CP XX EXISTING CONTROL POINT
- CP XX NEW CONTROL POINT
- ROCK CUT

**LEGEND:**

- EXISTING TRACK
- TRACK TO BE REMOVED
- OTHER RAILROAD
- EXISTING ACCESS ROAD
- NEW/RELOCATED FREIGHT TRACK
- NEW PASSENGER TRACK
- NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
- POTENTIAL ACCESS ROAD
- NO-BUILD TRACK
- XX MPH PROPOSED PASSENGER SPEED
- XX MPH EXISTING PASSENGER SPEED
- XX MPH EXISTING/PROPOSED FREIGHT SPEED

NOTES:  
1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.



**HNTB**

NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL  
EMPIRE CORRIDOR, TIER 1 EIS

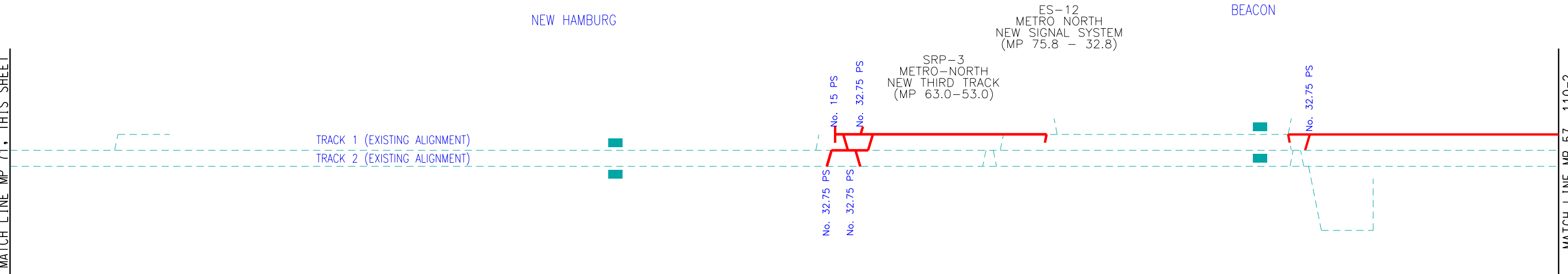
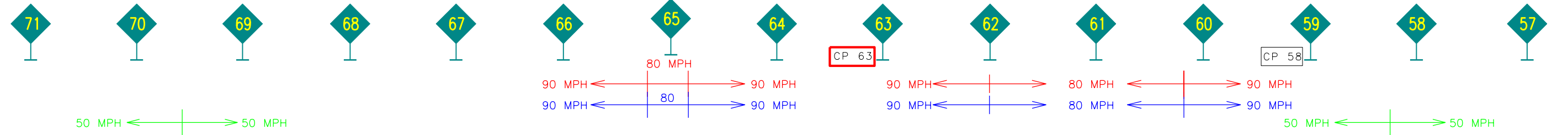
ALTERNATIVE 110  
ENGINEERED TRACK SCHEMATICS

CONTRACT NUMBER  
XXXXXXXXXX

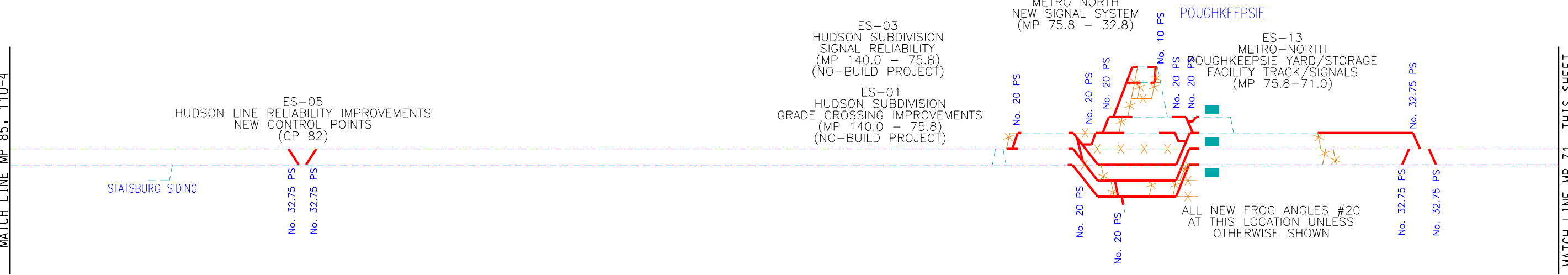
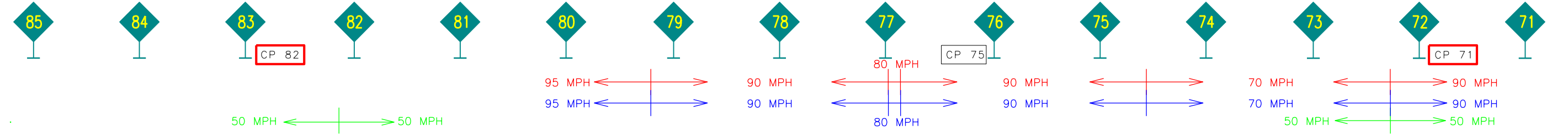
DRAWING NO. 110-2  
SHEET NO. 2  
DATE: FEBRUARY, 2012



PLAN DEVELOPED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ FILE NAME = \$file\$



ALL NEW FROG ANGLES #32.75 AT THIS LOCATION UNLESS OTHERWISE SHOWN



**SYMBOLS:**

- BRIDGE
- CULVERT
- EXISTING STATION
- PROPOSED STATION
- WATER OBSTRUCTION
- CP XX EXISTING CONTROL POINT
- CP XX NEW CONTROL POINT
- ROCK CUT

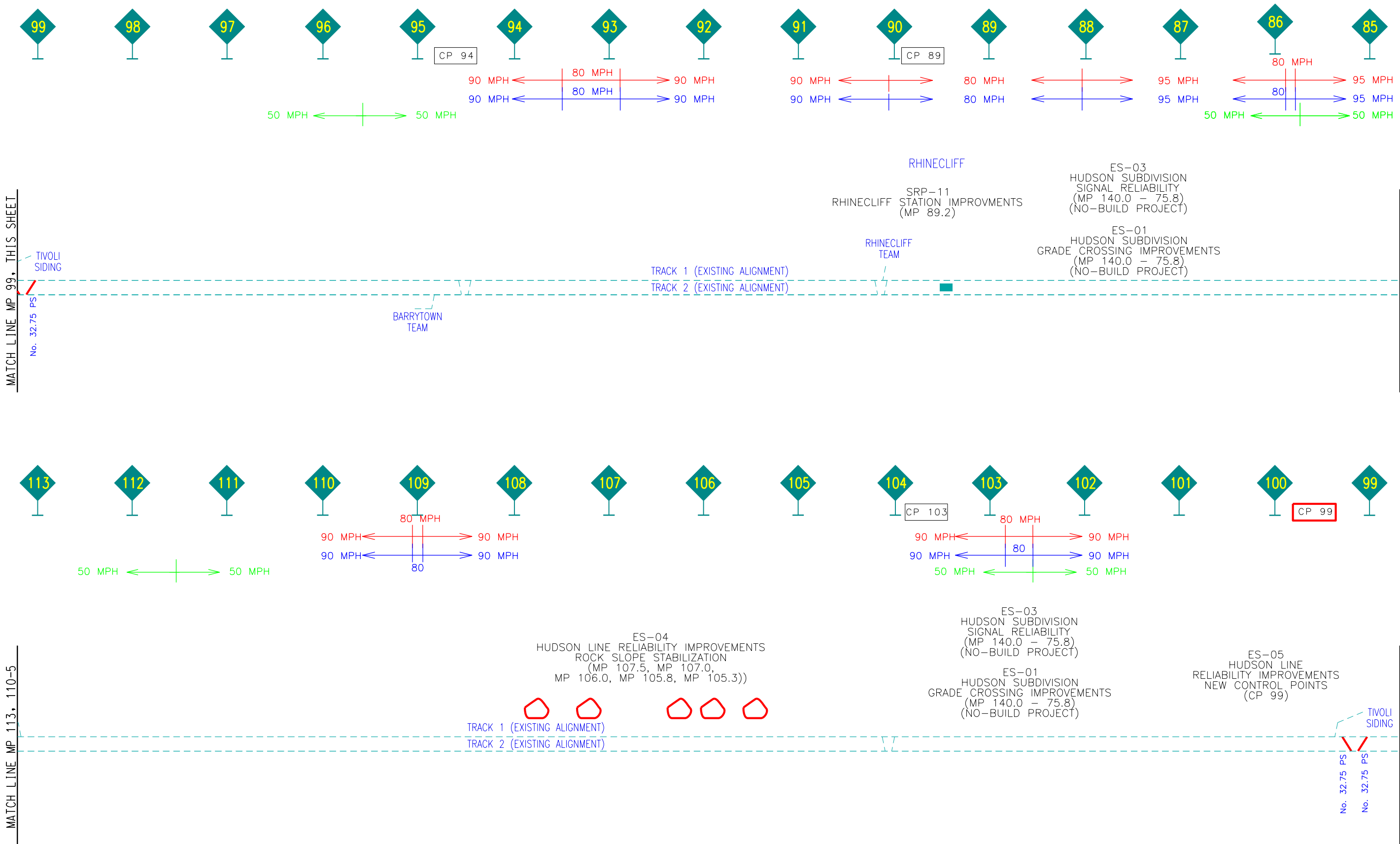
**LEGEND:**

- EXISTING TRACK
- TRACK TO BE REMOVED
- OTHER RAILROAD
- EXISTING ACCESS ROAD
- NEW/RELOCATED FREIGHT TRACK
- NEW PASSENGER TRACK
- NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
- POTENTIAL ACCESS ROAD
- NO-BUILD TRACK
- XX MPH PROPOSED PASSENGER SPEED
- XX MPH EXISTING PASSENGER SPEED
- XX MPH EXISTING/PROPOSED FREIGHT SPEED

NOTES:  
1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

	NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	ALTERNATIVE 110 ENGINEERED TRACK SCHEMATICS	
		DRAWING NO. 110-3 SHEET NO. 3 DATE: FEBRUARY, 2012

PLAN DEVELOPED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ FILE NAME = \$file\$

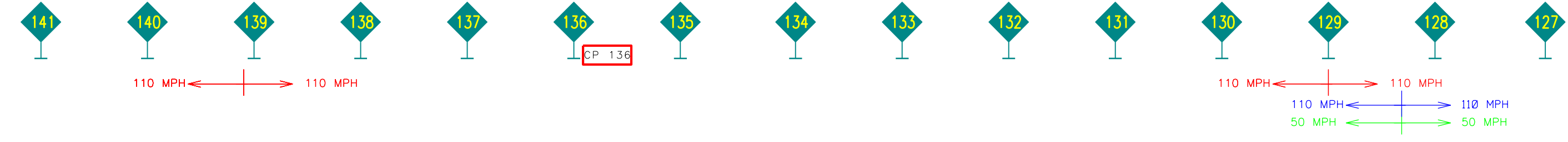
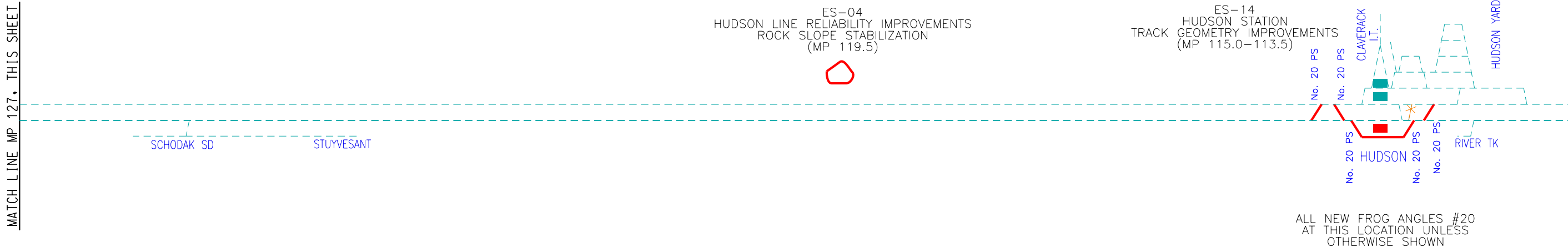
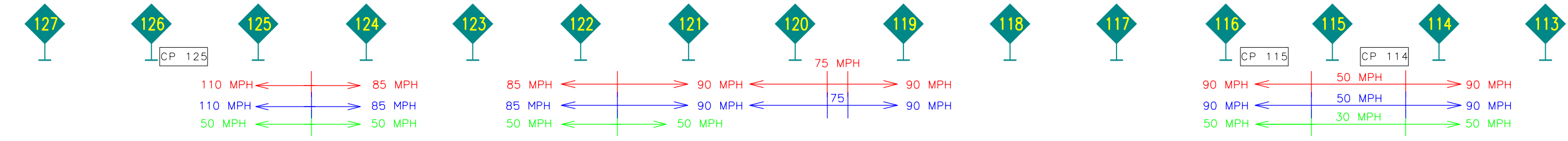


NOTES:  
 1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

SYMBOLS:		LEGEND:	
	BRIDGE		EXISTING TRACK
	PROPOSED STATION		TRACK TO BE REMOVED
	WATER OBSTRUCTION		OTHER RAILROAD
	EXISTING CONTROL POINT		EXISTING ACCESS ROAD
	NEW CONTROL POINT		NEW/RELOCATED FREIGHT TRACK
	ROCK CUT		NEW PASSENGER TRACK
			NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
			POTENTIAL ACCESS ROAD
			NO-BUILD TRACK
			90 MPH PROPOSED PASSENGER SPEED
			90 MPH EXISTING PASSENGER SPEED
			90 MPH EXISTING/PROPOSED FREIGHT SPEED

	NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	ALTERNATIVE 110 ENGINEERED TRACK SCHEMATICS	
		DRAWING NO. 110-4 SHEET NO. 4 DATE: FEBRUARY, 2012

PLAN DEVELOPED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ FILE NAME = \$file\$



**SYMBOLS:**

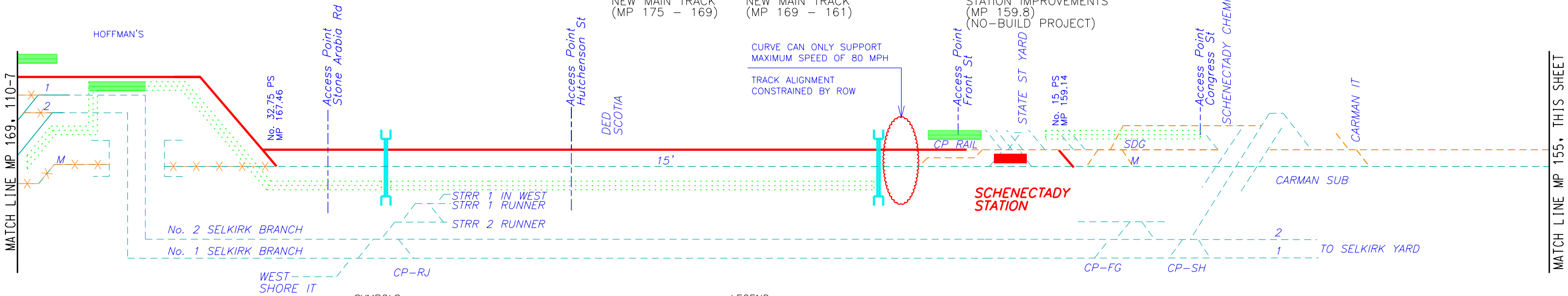
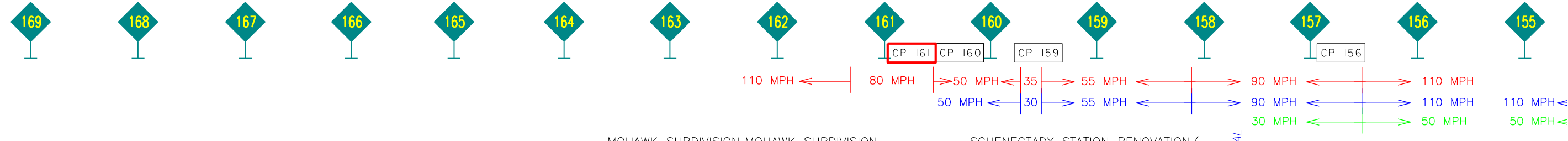
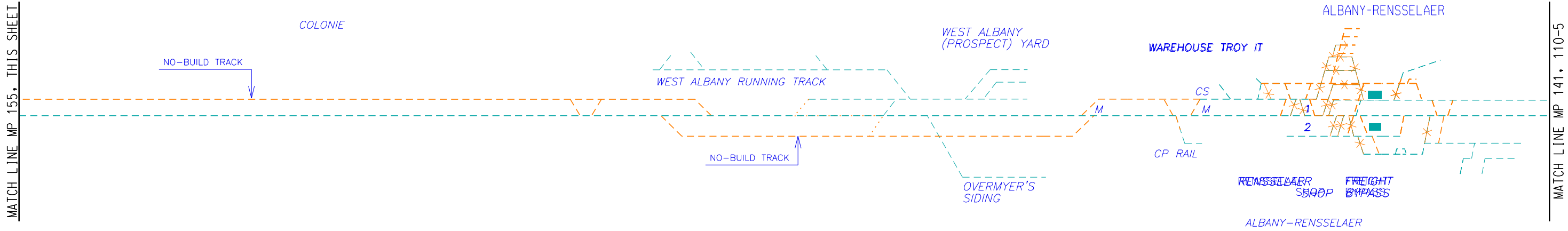
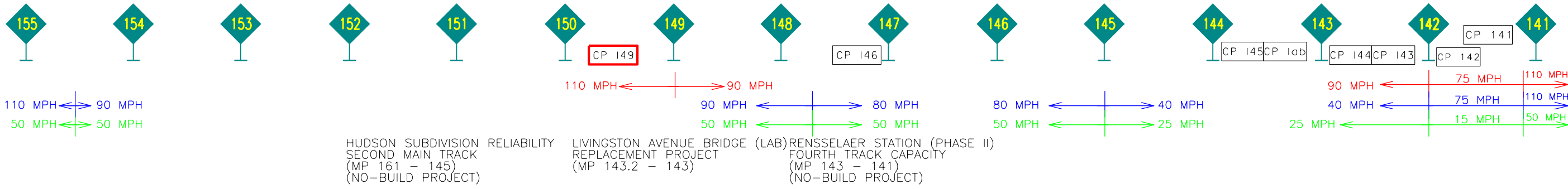
- BRIDGE
- CULVERT
- EXISTING STATION
- PROPOSED STATION
- WATER OBSTRUCTION
- EXISTING CONTROL POINT
- NEW CONTROL POINT
- ROCK CUT

**LEGEND:**

- EXISTING TRACK
- TRACK TO BE REMOVED
- OTHER RAILROAD
- EXISTING ACCESS ROAD
- NEW/RELOCATED FREIGHT TRACK
- NEW PASSENGER TRACK
- NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
- POTENTIAL ACCESS ROAD
- NO-BUILD TRACK
- XX MPH PROPOSED PASSENGER SPEED
- XX MPH EXISTING PASSENGER SPEED
- XX MPH EXISTING/PROPOSED FREIGHT SPEED

NOTES:  
1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

	NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	ALTERNATIVE 110 ENGINEERED TRACK SCHEMATICS	
		DRAWING NO. 110-5 SHEET NO. 5 DATE: FEBRUARY, 2012



- SYMBOLS:**
- BRIDGE
  - CULVERT
  - EXISTING STATION
  - PROPOSED STATION
  - WATER OBSTRUCTION
  - CP XX EXISTING CONTROL POINT
  - CP XX NEW CONTROL POINT
  - ROCK CUT
  - EXISTING TRACK
  - TRACK TO BE REMOVED
  - OTHER RAILROAD
  - EXISTING ACCESS ROAD
  - NEW/RELOCATED FREIGHT TRACK
  - NEW PASSENGER TRACK
  - NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
  - POTENTIAL ACCESS ROAD
  - NO-BUILD TRACK
  - XX MPH PROPOSED PASSENGER SPEED
  - XX MPH EXISTING PASSENGER SPEED
  - XX MPH EXISTING/PROPOSED FREIGHT SPEED

NOTES:  
1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

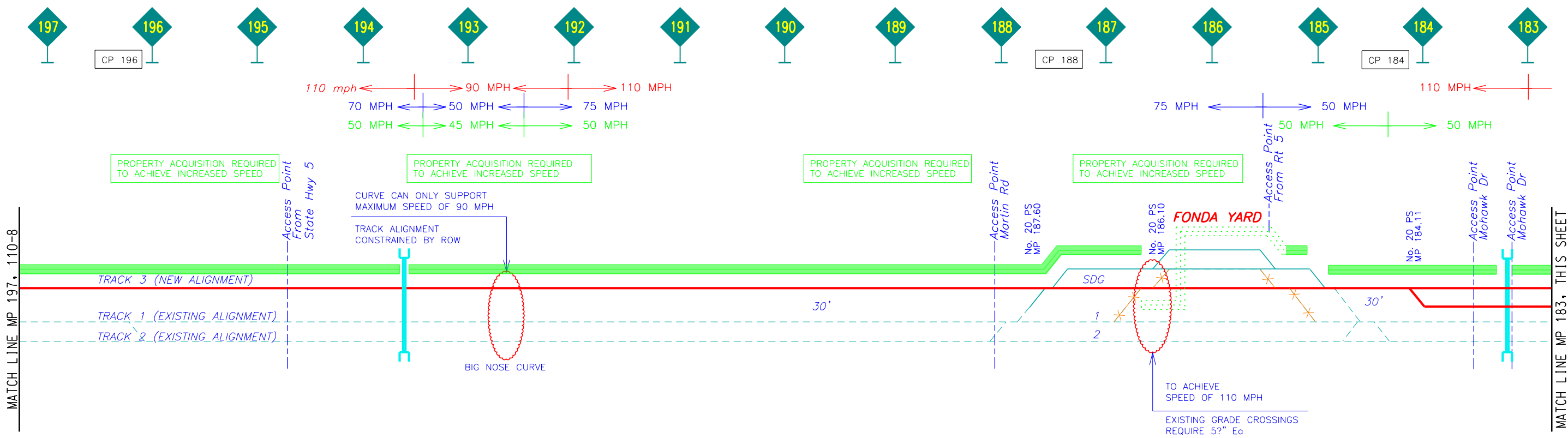
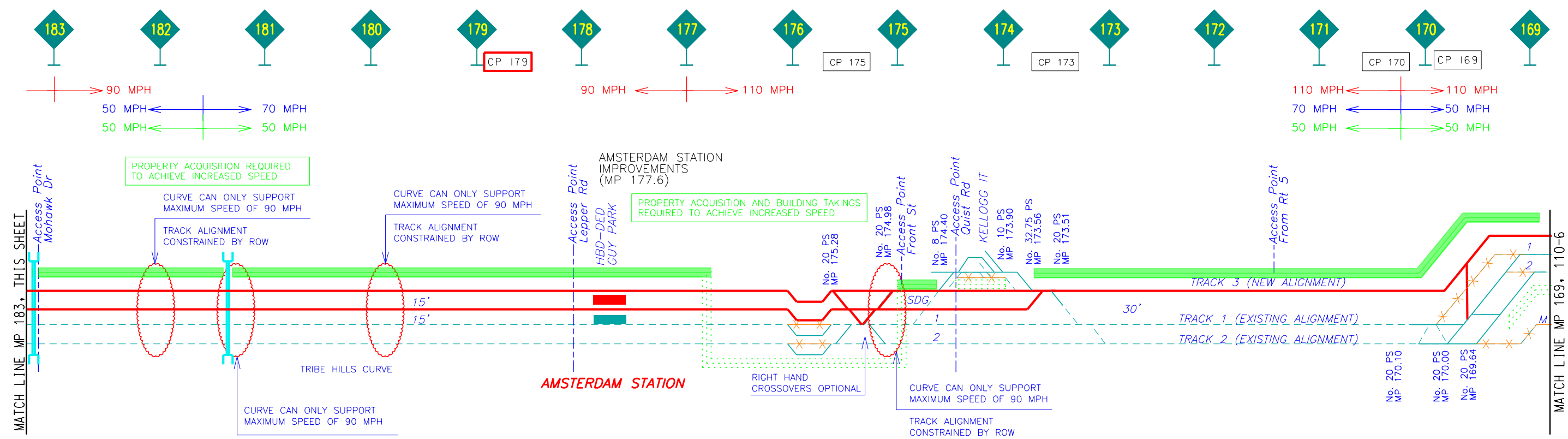
FILE NAME = \$file\$  
DRAFTED BY  
CHECKED BY  
PLAN DEVELOPED BY

**HNTB**

EMPIRE CORRIDOR AUTHORITY  
NEW YORK STATE DEPARTMENT OF TRANSPORTATION

NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXXX
ALTERNATIVE 110 ENGINEERED TRACK SCHEMATICS	DRAWING NO. 110-6 SHEET NO. 6 DATE: FEBRUARY, 2012

PLAN DEVELOPED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ FILE NAME = \$file\$



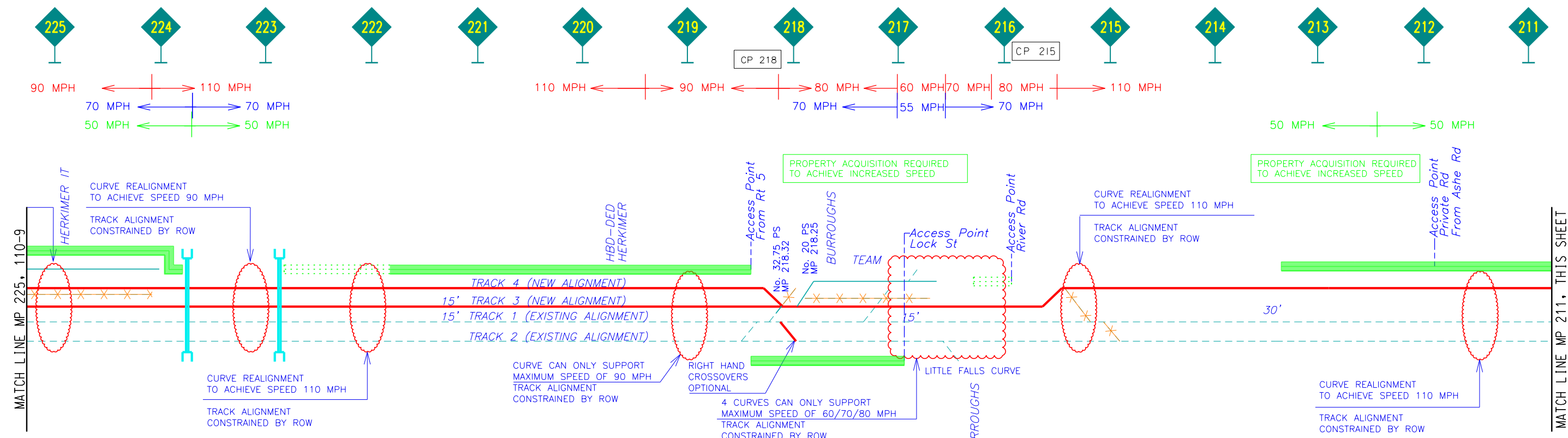
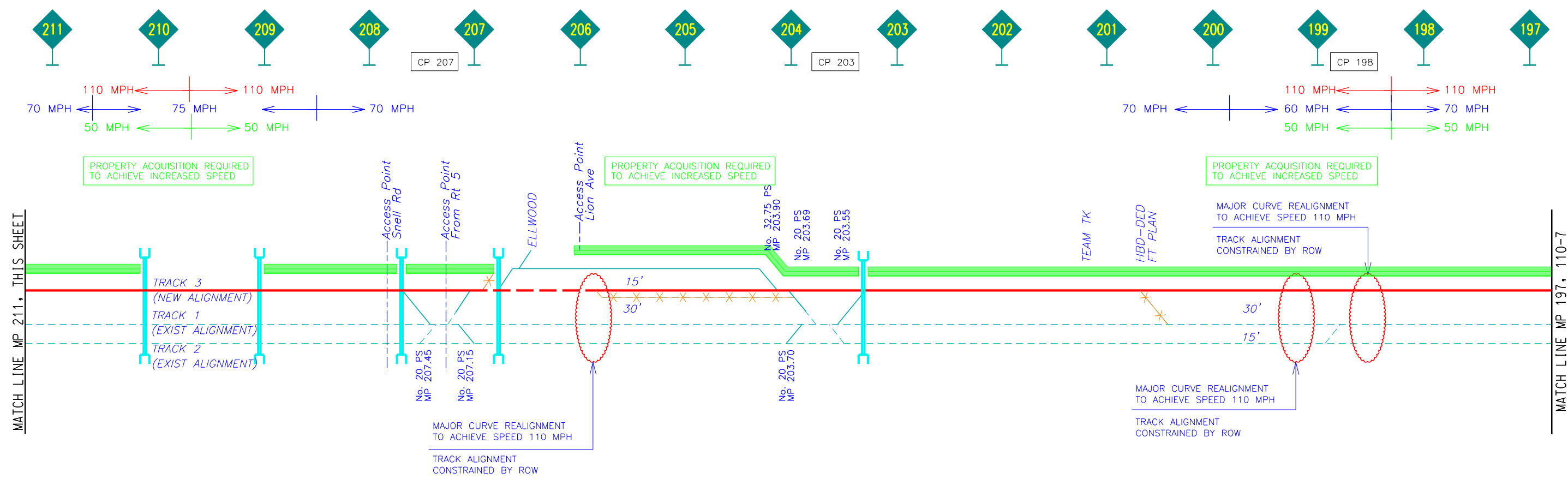
- SYMBOLS:**
- BRIDGE
  - CULVERT
  - EXISTING STATION
  - PROPOSED STATION
  - WATER OBSTRUCTION
  - CP XX EXISTING CONTROL POINT
  - CP XX NEW CONTROL POINT
  - ROCK CUT
  - EXISTING TRACK
  - TRACK TO BE REMOVED
  - OTHER RAILROAD
  - EXISTING ACCESS ROAD
  - NEW/RELOCATED FREIGHT TRACK
  - NEW PASSENGER TRACK
  - NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
  - POTENTIAL ACCESS ROAD
  - NO-BUILD TRACK
  - XX MPH PROPOSED PASSENGER SPEED
  - XX MPH EXISTING PASSENGER SPEED
  - XX MPH EXISTING/PROPOSED FREIGHT SPEED

NOTES:  
 1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL  
EMPIRE CORRIDOR, TIER 1 EIS

CONTRACT NUMBER	XXXXXXXXXX
DRAWING NO. 110-7	SHEET NO. 7
DATE: FEBRUARY, 2012	

PLAN DEVELOPED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ FILE NAME = \$file\$



**SYMBOLS:**

- BRIDGE
- CULVERT
- EXISTING STATION
- PROPOSED STATION
- WATER OBSTRUCTION
- CP XX EXISTING CONTROL POINT
- CP XX NEW CONTROL POINT
- ROCK CUT

**LEGEND:**

- EXISTING TRACK
- TRACK TO BE REMOVED
- OTHER RAILROAD
- NEW/RELOCATED FREIGHT TRACK
- NEW PASSENGER TRACK
- NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
- POTENTIAL ACCESS ROAD
- NO-BUILD TRACK
- XX MPH PROPOSED PASSENGER SPEED
- XX MPH EXISTING PASSENGER SPEED
- XX MPH EXISTING/PROPOSED FREIGHT SPEED

**NOTES:**  
 1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.



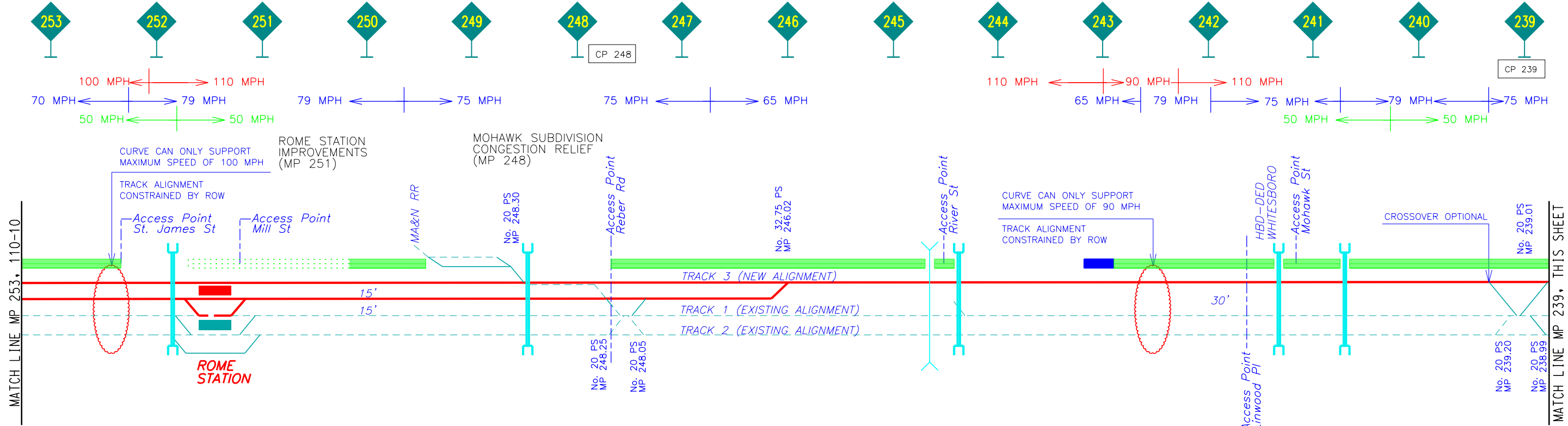
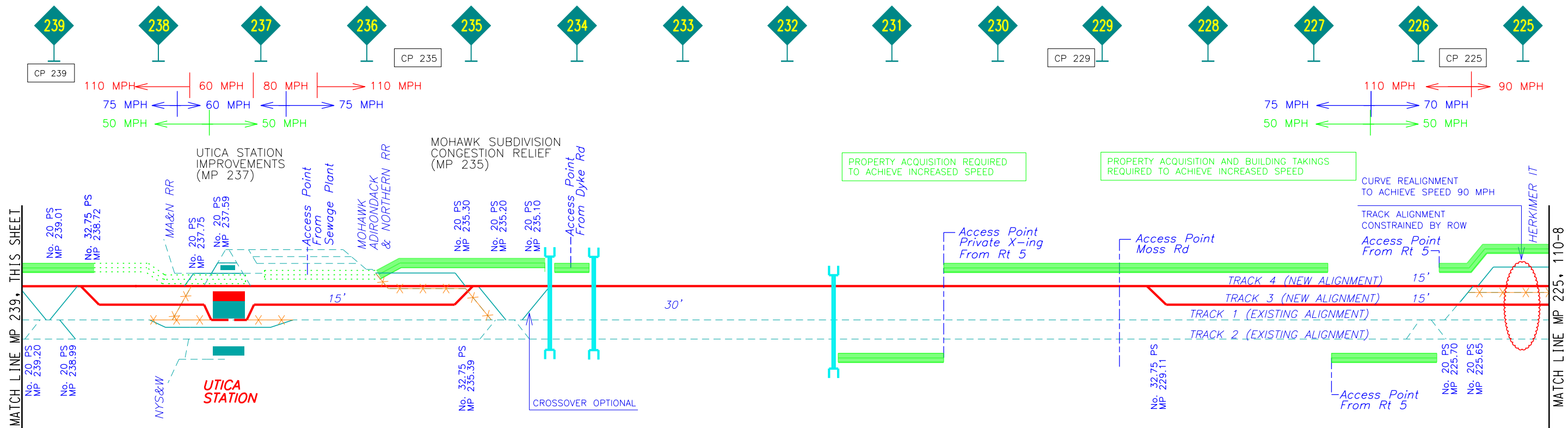
**HNTB**

NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	DRAWING NO. 110-8 SHEET NO. 8 DATE: FEBRUARY, 2012

ALTERNATIVE 110  
 ENGINEERED TRACK SCHEMATICS



PLAN DEVELOPED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ FILE NAME = \$file\$



SYMBOLS:		LEGEND:	
	BRIDGE		EXISTING TRACK
	PROPOSED STATION		TRACK TO BE REMOVED
	WATER OBSTRUCTION		OTHER RAILROAD
	EXISTING CONTROL POINT		EXISTING ACCESS ROAD
	NEW CONTROL POINT		NEW/RELOCATED FREIGHT TRACK
	ROCK CUT		NEW PASSENGER TRACK
	NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK		POTENTIAL ACCESS ROAD
	NO-BUILD TRACK		XX MPH PROPOSED PASSENGER SPEED
	XX MPH EXISTING PASSENGER SPEED		XX MPH EXISTING/PROPOSED FREIGHT SPEED

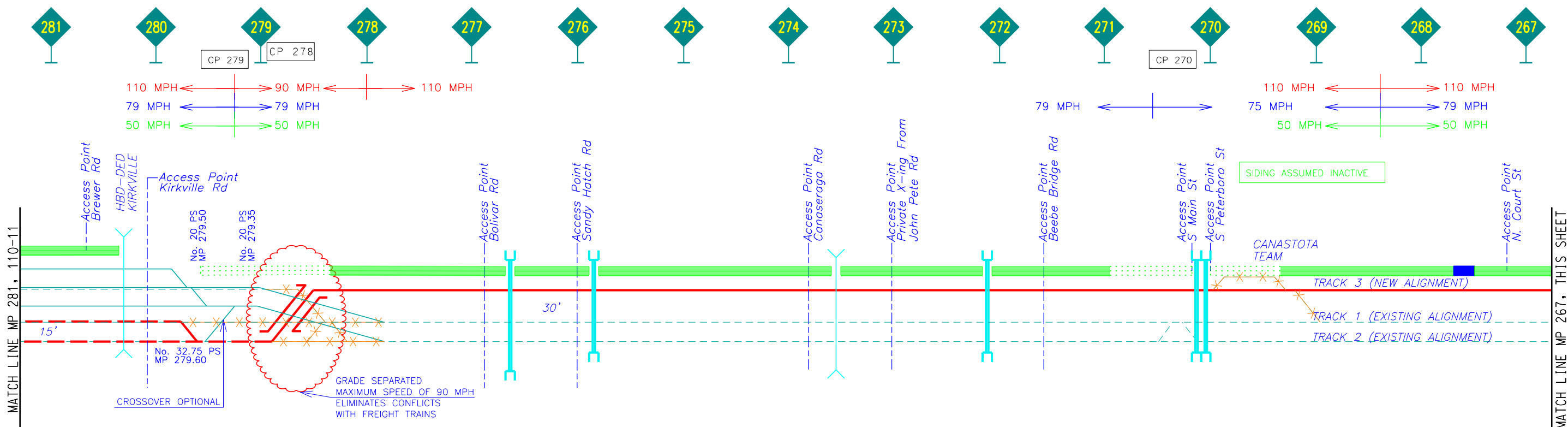
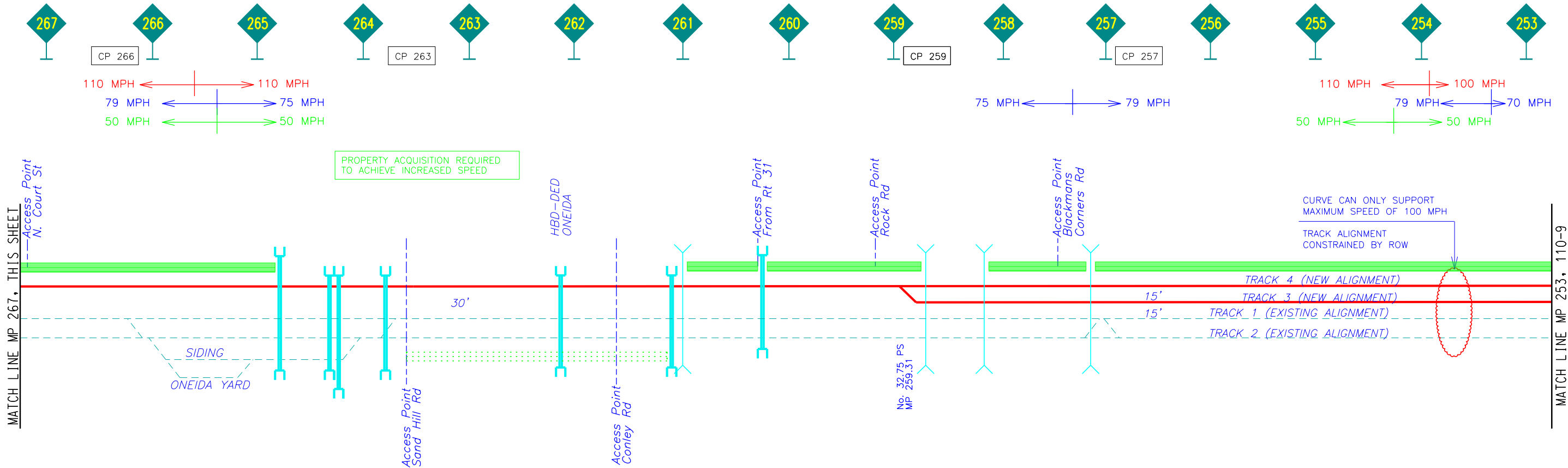
NOTES:  
 1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL  
EMPIRE CORRIDOR, TIER 1 EIS

CONTRACT NUMBER	XXXXXXXXXX
DRAWING NO. 110-9	SHEET NO. 9
DATE: FEBRUARY, 2012	

ALTERNATIVE 110  
ENGINEERED TRACK SCHEMATICS

PLAN DEVELOPED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ FILE NAME = \$file\$



SYMBOLS:		LEGEND:	
	BRIDGE		EXISTING TRACK
	PROPOSED STATION		TRACK TO BE REMOVED
	WATER OBSTRUCTION		OTHER RAILROAD
	EXISTING CONTROL POINT		NEW/RELOCATED FREIGHT TRACK
	NEW CONTROL POINT		NEW PASSENGER TRACK
	ROCK CUT		NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
			POTENTIAL ACCESS ROAD
			NO-BUILD TRACK
			XX MPH PROPOSED PASSENGER SPEED
			XX MPH EXISTING PASSENGER SPEED
			XX MPH EXISTING/PROPOSED FREIGHT SPEED

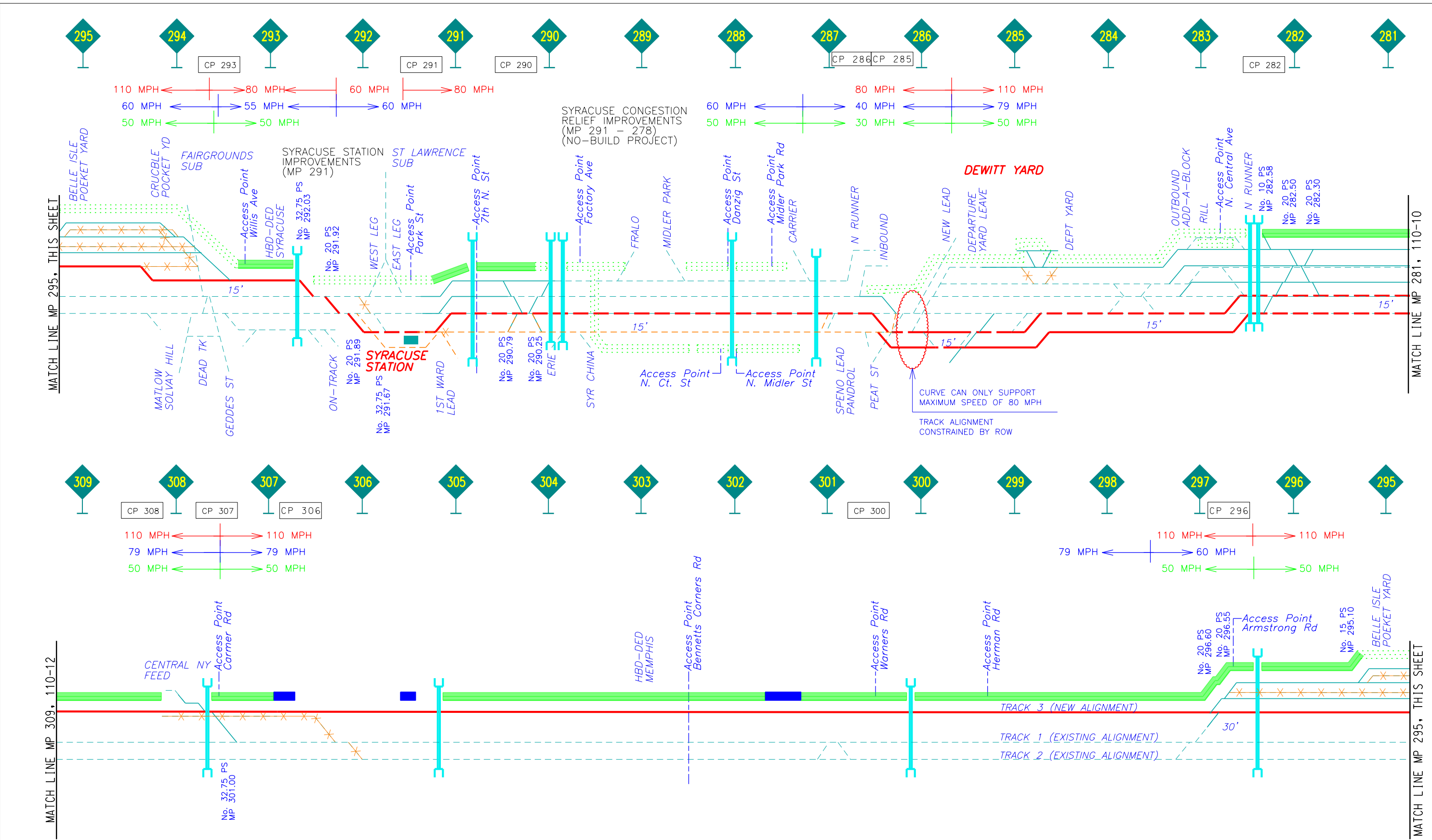
NOTES:  
1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL  
EMPIRE CORRIDOR, TIER 1 EIS

CONTRACT NUMBER	
XXXXXXXXXX	
ALTERNATIVE 110 ENGINEERED TRACK SCHEMATICS	
DRAWING NO. 110-10 SHEET NO. 10 DATE: FEBRUARY, 2012	



PLAN DEVELOPED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ FILE NAME = \$file\$.



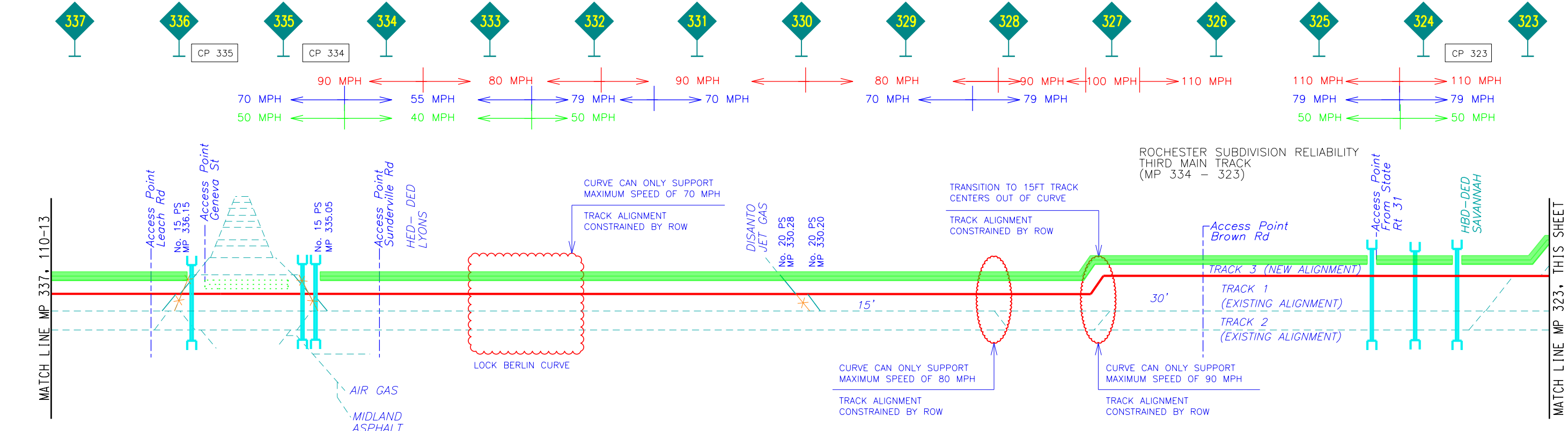
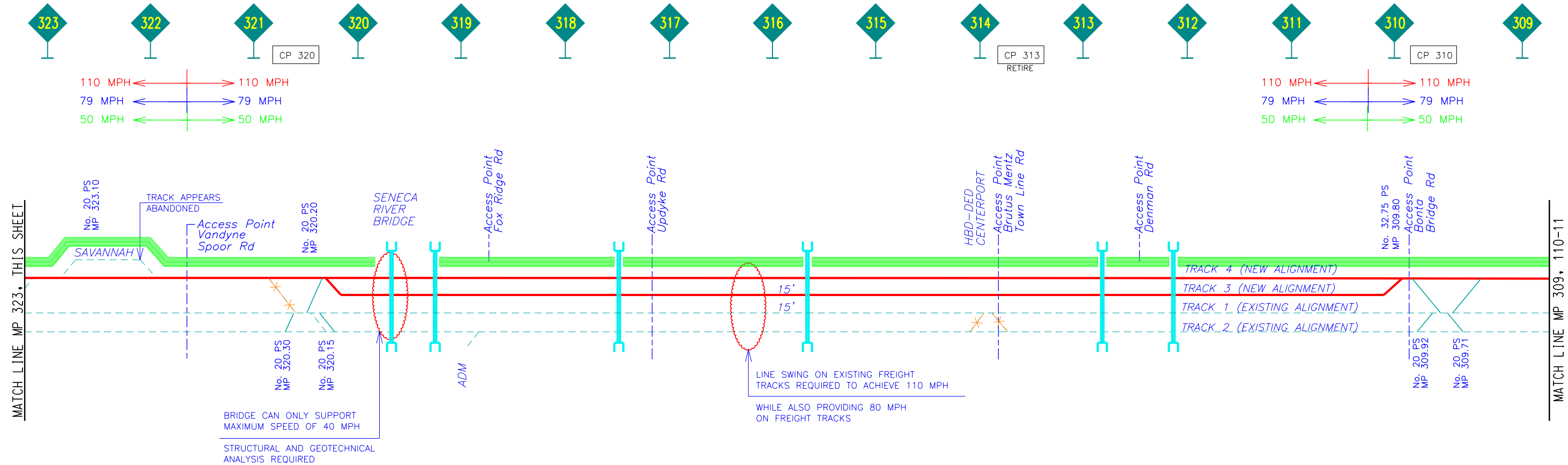
**NOTES:**  
 1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

- SYMBOLS:**
- BRIDGE
  - CULVERT
  - EXISTING STATION
  - PROPOSED STATION
  - WATER OBSTRUCTION
  - EXISTING CONTROL POINT
  - NEW CONTROL POINT
  - ROCK CUT
  - EXISTING TRACK
  - TRACK TO BE REMOVED
  - OTHER RAILROAD
  - EXISTING ACCESS ROAD
  - NEW/RELOCATED FREIGHT TRACK
  - NEW PASSENGER TRACK
  - NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
  - POTENTIAL ACCESS ROAD
  - NO-BUILD TRACK
  - XX MPH PROPOSED PASSENGER SPEED
  - XX MPH EXISTING PASSENGER SPEED
  - XX MPH EXISTING/PROPOSED FREIGHT SPEED

NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL  
EMPIRE CORRIDOR, TIER 1 EIS

CONTRACT NUMBER	XXXXXXXXXX
DRAWING NO. 110-11	SHEET NO. 11
DATE: FEBRUARY, 2012	

PLAN DEVELOPED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ FILE NAME = \$file\$



**SYMBOLS:**

- BRIDGE
- CULVERT
- EXISTING STATION
- PROPOSED STATION
- WATER OBSTRUCTION
- CP XX EXISTING CONTROL POINT
- CP XX NEW CONTROL POINT
- ROCK CUT

**LEGEND:**

- EXISTING TRACK
- TRACK TO BE REMOVED
- OTHER RAILROAD
- EXISTING ACCESS ROAD
- NEW/RELOCATED FREIGHT TRACK
- NEW PASSENGER TRACK
- NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
- POTENTIAL ACCESS ROAD
- NO-BUILD TRACK
- XX MPH PROPOSED PASSENGER SPEED
- XX MPH EXISTING PASSENGER SPEED
- XX MPH EXISTING/PROPOSED FREIGHT SPEED

**NOTES:**  
 1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

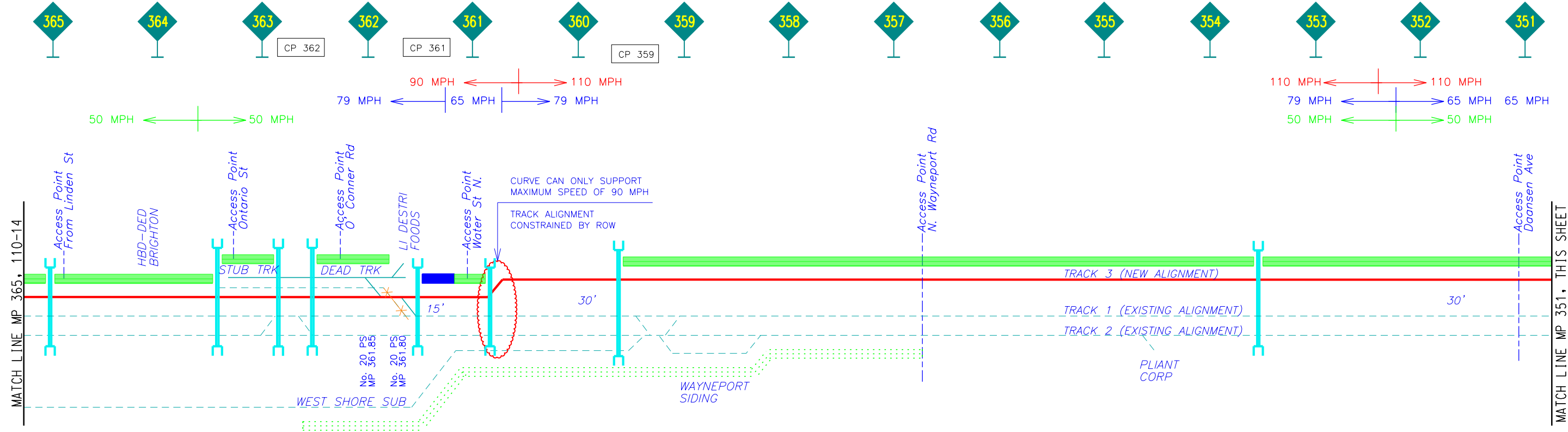
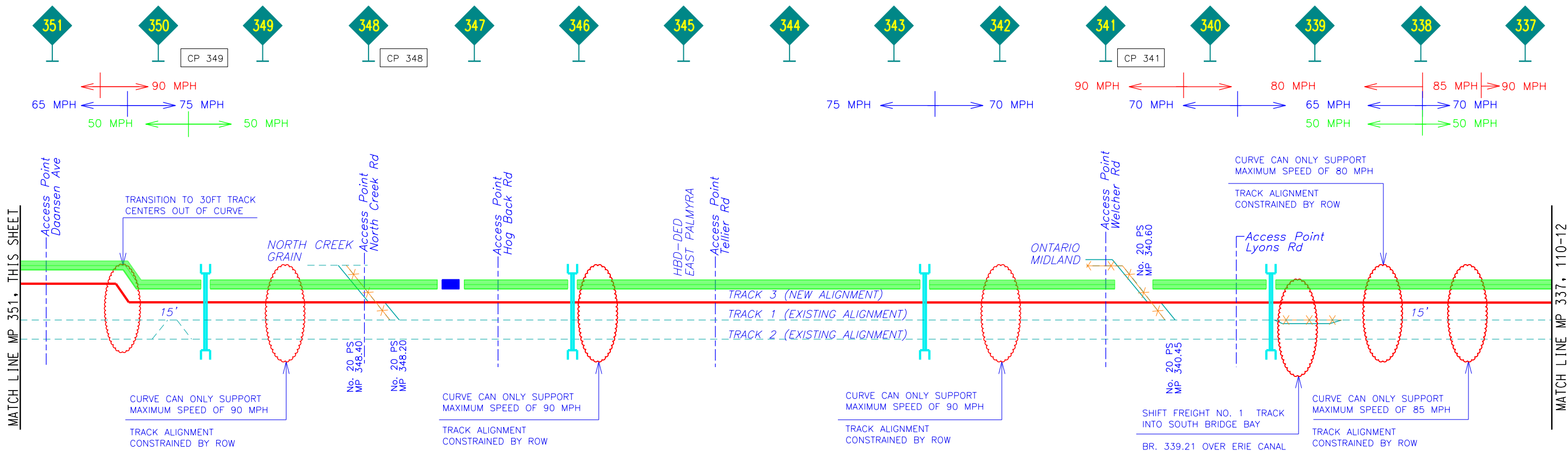


**HNTB**

NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	DRAWING NO. 110-12 SHEET NO. 12 DATE: APRIL, 2012

ALTERNATIVE 110  
 ENGINEERED TRACK SCHEMATICS

PLAN DEVELOPED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ FILE NAME = \$file\$



**SYMBOLS:**

- BRIDGE
- CULVERT
- EXISTING STATION
- PROPOSED STATION
- WATER OBSTRUCTION
- CP XX EXISTING CONTROL POINT
- CP XX NEW CONTROL POINT
- ROCK CUT
- EXISTING TRACK
- TRACK TO BE REMOVED
- OTHER RAILROAD
- EXISTING ACCESS ROAD
- NEW/RELOCATED FREIGHT TRACK
- NEW PASSENGER TRACK
- NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
- POTENTIAL ACCESS ROAD
- NO-BUILD TRACK
- XX MPH PROPOSED PASSENGER SPEED
- XX MPH EXISTING PASSENGER SPEED
- XX MPH EXISTING/PROPOSED FREIGHT SPEED

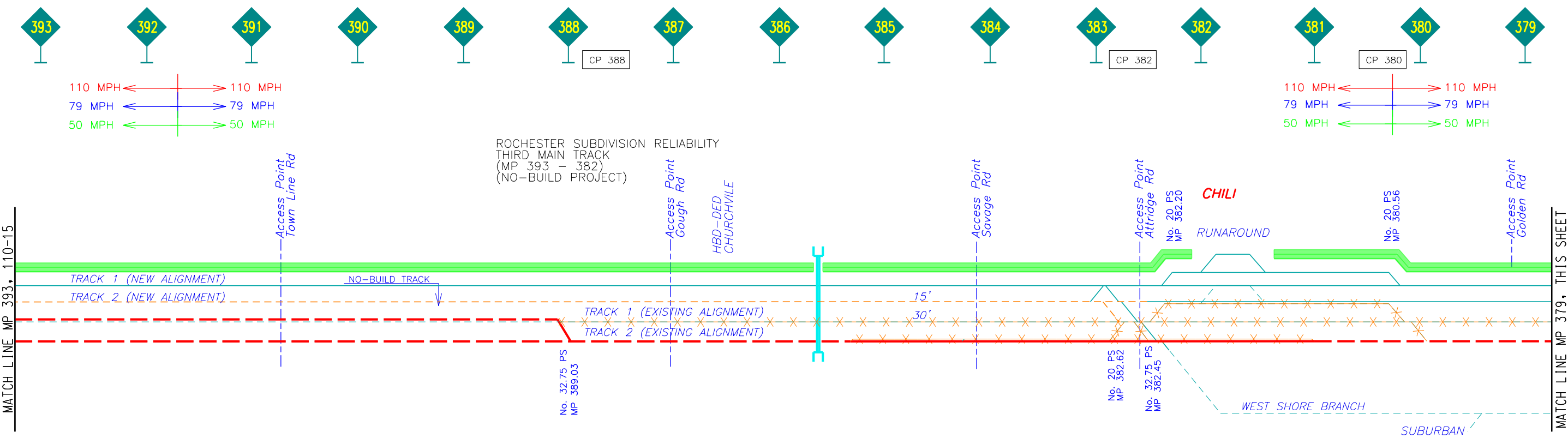
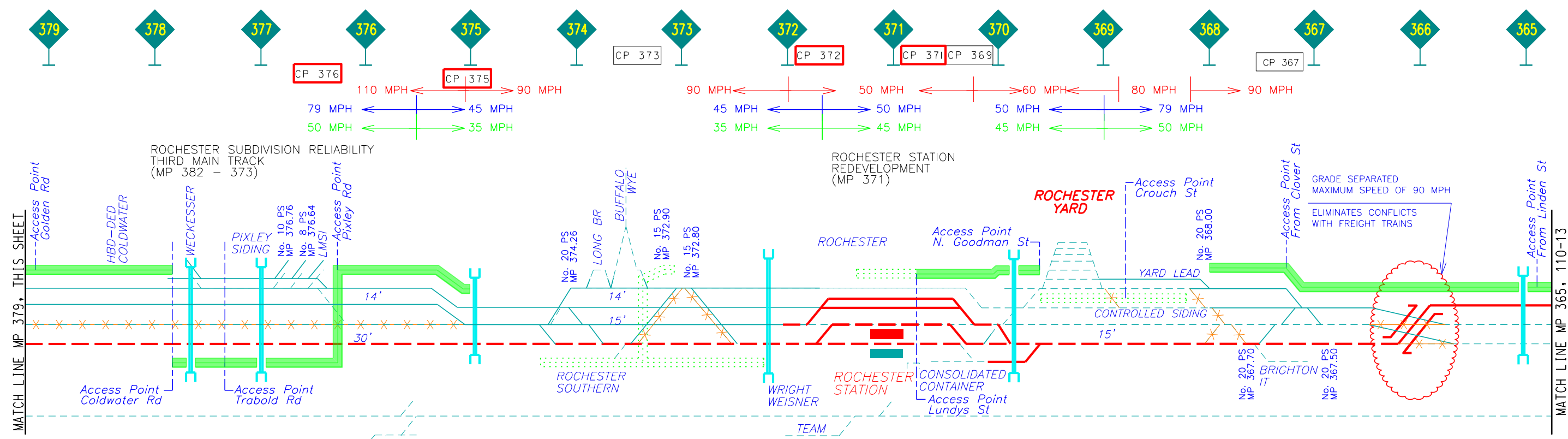
**NOTES:**  
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NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL  
EMPIRE CORRIDOR, TIER 1 EIS

**ALTERNATIVE 110  
ENGINEERED TRACK SCHEMATICS**

CONTRACT NUMBER	XXXXXXXXXX
DRAWING NO.	110-13
SHEET NO.	13
DATE:	FEBRUARY, 2012

PLAN DEVELOPED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ FILE NAME = \$file\$



**SYMBOLS:**

- BRIDGE
- CULVERT
- EXISTING STATION
- PROPOSED STATION
- WATER OBSTRUCTION
- CP XX EXISTING CONTROL POINT
- CP XX NEW CONTROL POINT
- ROCK CUT

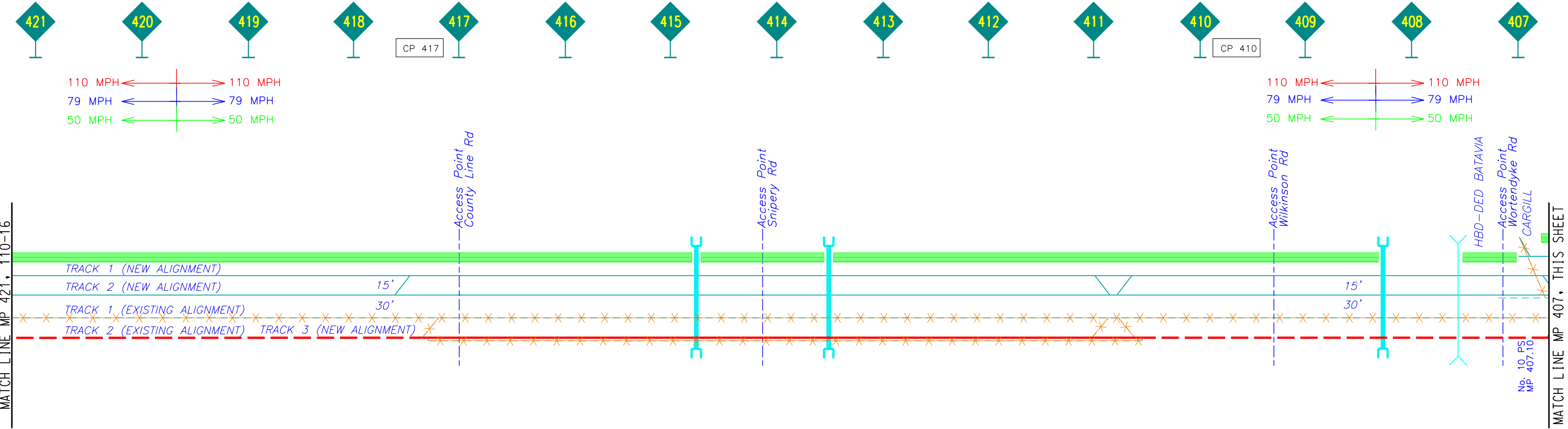
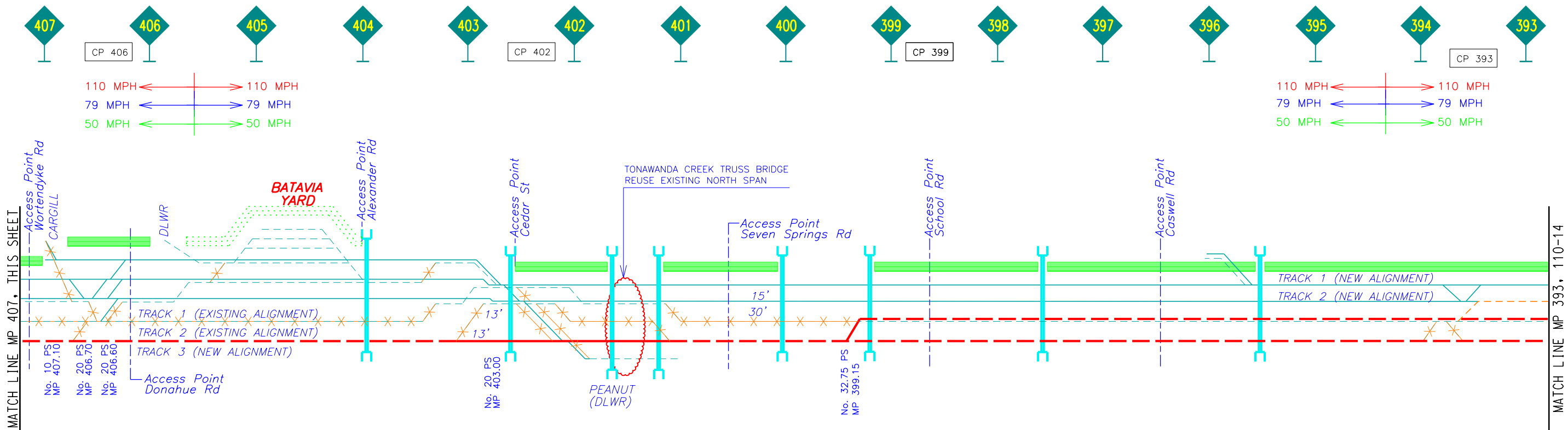
**LEGEND:**

- EXISTING TRACK
- TRACK TO BE REMOVED
- OTHER RAILROAD
- EXISTING ACCESS ROAD
- NEW/RELOCATED FREIGHT TRACK
- NEW PASSENGER TRACK
- NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
- POTENTIAL ACCESS ROAD
- NO-BUILD TRACK
- XX MPH PROPOSED PASSENGER SPEED
- XX MPH EXISTING PASSENGER SPEED
- XX MPH EXISTING/PROPOSED FREIGHT SPEED

NOTES:  
 1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

	NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	ALTERNATIVE 110 ENGINEERED TRACK SCHEMATICS	
DATE: FEBRUARY, 2012		DRAWING NO. 110-14 SHEET NO. 14

PLAN DEVELOPED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ FILE NAME = \$file\$

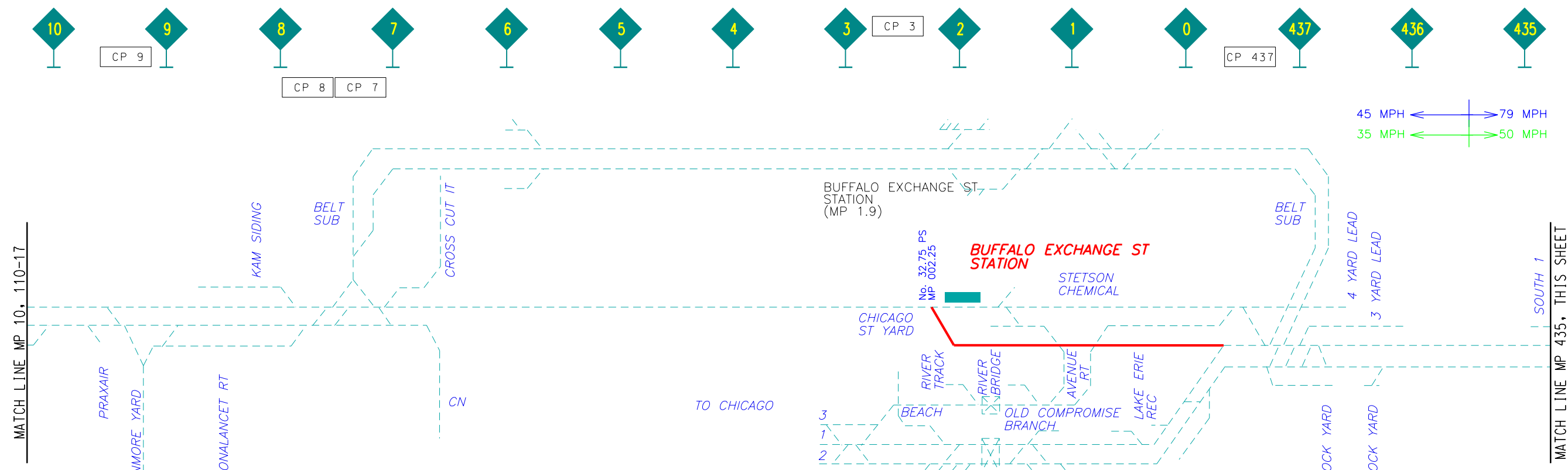
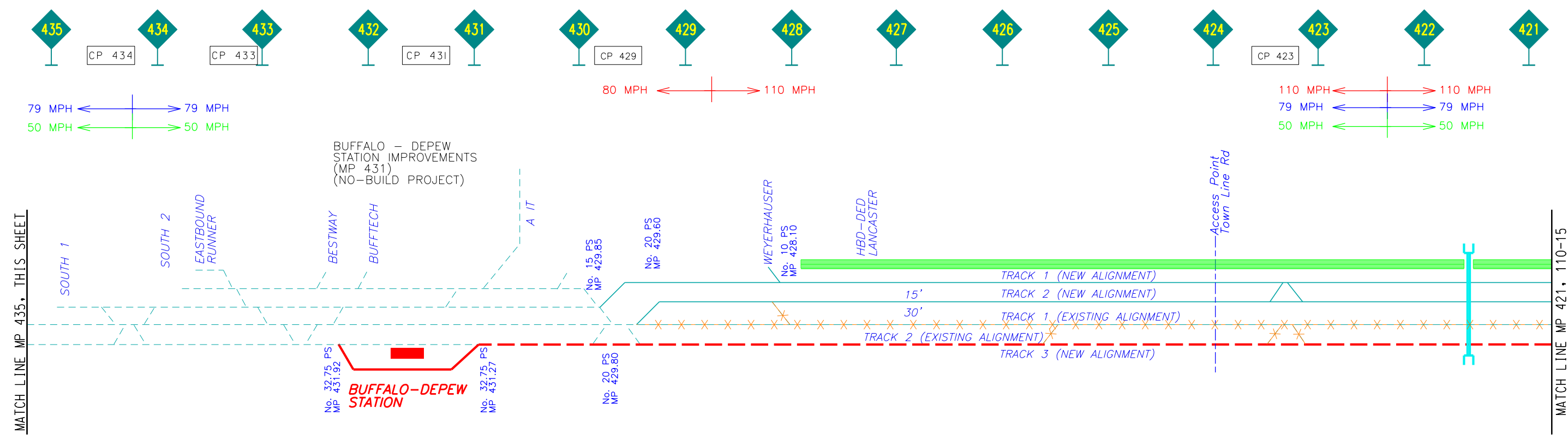


NOTES:  
 1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

- SYMBOLS:**
- BRIDGE
  - CULVERT
  - EXISTING STATION
  - PROPOSED STATION
  - WATER OBSTRUCTION
  - CP XX EXISTING CONTROL POINT
  - CP XX NEW CONTROL POINT
  - ROCK CUT
  - EXISTING TRACK
  - TRACK TO BE REMOVED
  - OTHER RAILROAD
  - EXISTING ACCESS ROAD
  - NEW/RELOCATED FREIGHT TRACK
  - NEW PASSENGER TRACK
  - NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
  - POTENTIAL ACCESS ROAD
  - NO-BUILD TRACK
  - XX MPH PROPOSED PASSENGER SPEED
  - XX MPH EXISTING PASSENGER SPEED
  - XX MPH EXISTING/PROPOSED FREIGHT SPEED

	NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	ALTERNATIVE 110 ENGINEERED TRACK SCHEMATICS	
DRAWING NO. 110-15 SHEET NO. 15 DATE: FEBRUARY, 2012		

PLAN DEVELOPED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ FILE NAME = \$file\$



**SYMBOLS:**

- BRIDGE
- CULVERT
- EXISTING STATION
- PROPOSED STATION
- WATER OBSTRUCTION
- CP XX EXISTING CONTROL POINT
- CP XX NEW CONTROL POINT
- ROCK CUT

**LEGEND:**

- EXISTING TRACK
- TRACK TO BE REMOVED
- OTHER RAILROAD
- EXISTING ACCESS ROAD
- NEW/RELOCATED FREIGHT TRACK
- NEW PASSENGER TRACK
- NEW PASSENGER TRACK ON UPGRADED EXISTING TRACK
- POTENTIAL ACCESS ROAD
- NO-BUILD TRACK
- XX MPH PROPOSED PASSENGER SPEED
- XX MPH EXISTING PASSENGER SPEED
- XX MPH EXISTING/PROPOSED FREIGHT SPEED

NOTES:  
 1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.



NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	DRAWING NO. 110-16 SHEET NO. 16 DATE: FEBRUARY, 2012



PLAN DEVELOPED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ FILE NAME = \$file\$

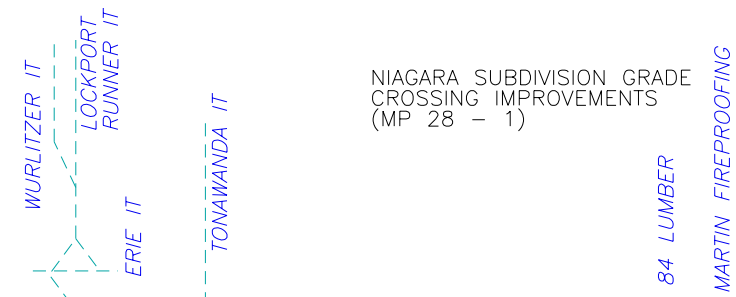


MATCH LINE MP 24, THIS SHEET

NIAGARA SUBDIVISION  
NEW SIGNAL SYSTEM  
(MP 28 - 8)

HBD-DED WHEATFIELD  
NIAGARA SUBDIVISION  
DOUBLE TRACK  
(MP 22 - 17)

NIAGARA SUBDIVISION GRADE  
CROSSING IMPROVEMENTS  
(MP 28 - 1)



MATCH LINE MP 10, 110-16



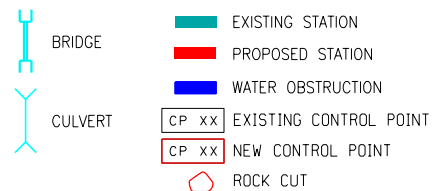
NIAGARA FALLS STATION  
NEW INTERMODAL TRANSPORTATION CENTER  
(MP 28)  
(NO-BUILD PROJECT)

NIAGARA FALLS MAINTENANCE  
FACILITY / YARD IMPROVEMENTS  
(MP 27 - 27)

NIAGARA FALLS  
STATION

MATCH LINE MP 24, THIS SHEET

**SYMBOLS:**



**LEGEND:**



NOTES:  
1. NOT ALL POTENTIAL PROPERTY ACQUISITIONS ARE LABELED. ONLY LOCATIONS DEEMED TO BE SIGNIFICANT ACQUISITIONS ARE SHOWN.

	NYSDOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXXX
	ALTERNATIVE 110 ENGINEERED TRACK SCHEMATICS	
		DRAWING NO. 110-17 SHEET NO. 17 DATE: FEBRUARY, 2012

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## Track Schematics for Alternative 125

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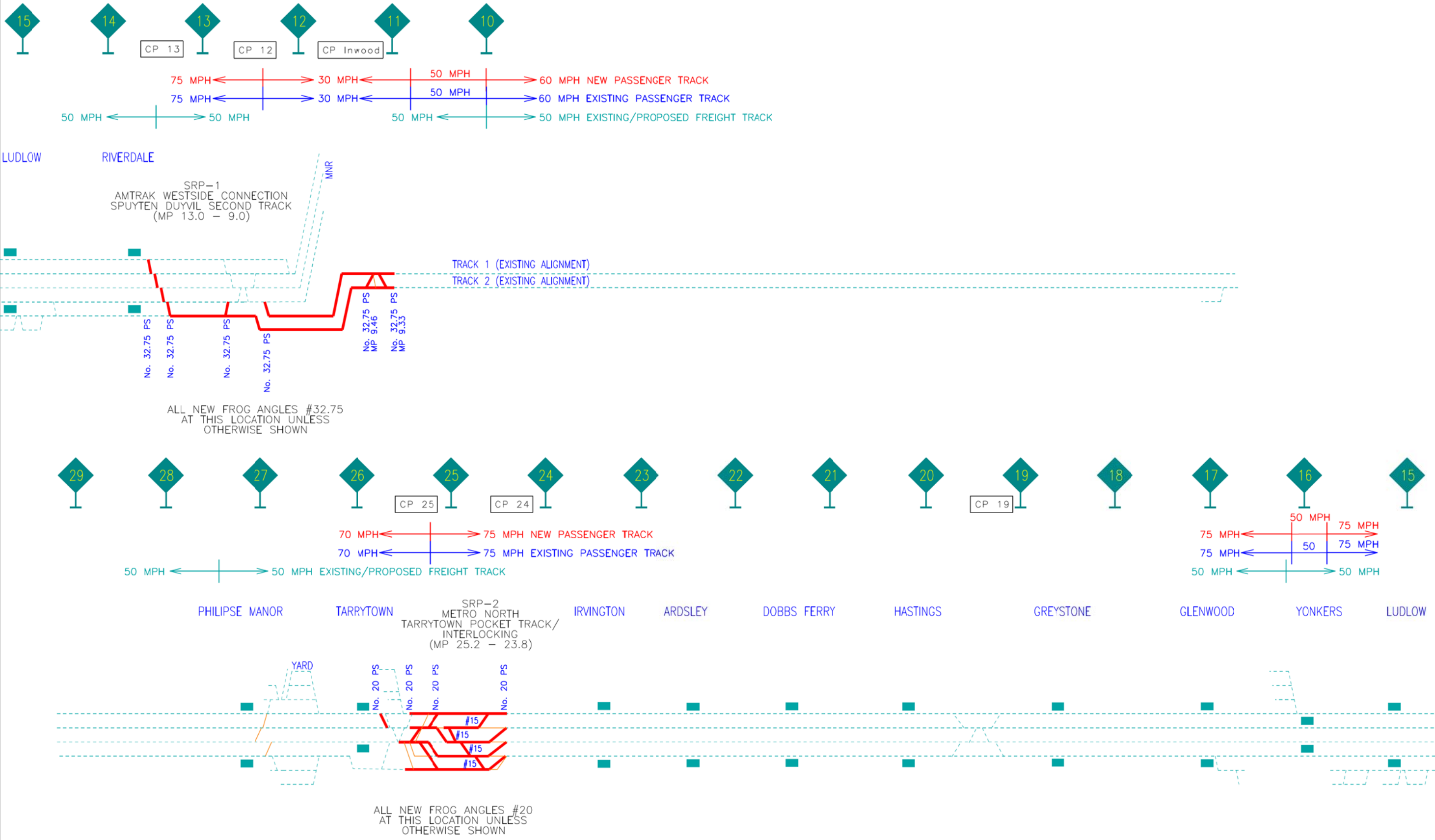
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FILE NAME = JAB NY HSR Proposed 125mph\_Track Schematic.dgn

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PLAN DEVELOPED BY



NOTE:  
ALL CROSSINGS WILL BE GRADE SEPARATED  
OR ELIMINATED FROM ALBANY TO BUFFALO

- SYMBOLS:**
- EXISTING STATION
  - PROPOSED STATION
  - JG BRIDGE

- LEGEND:**
- EXISTING TRACK
  - ROADWAY
  - WATERWAY
  - TRACK TO BE REMOVED
  - NEW PASSENGER TRACK
  - INTERSTATE HIGHWAY
  - NO BUILD PROJECT

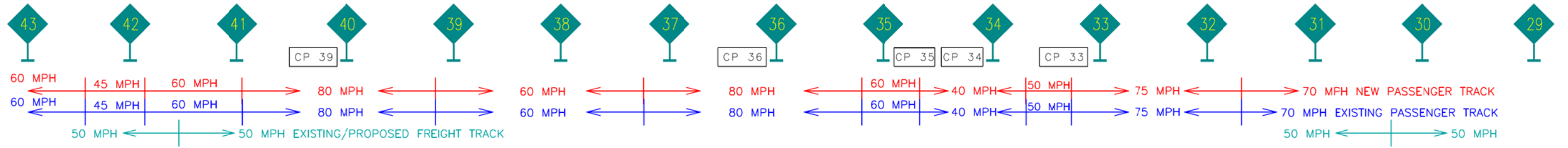
	NYSDOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX	
	VERY HIGH SPEED TRACK ASSESSMENT 125 MPH ALTERNATIVE ENGINEERED TRACK SCHEMATIC, SHEET 1 OF 16	DRAWING NO. N/A SHEET NO. N/A DATE: JUNE 14, 2012	

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PEEKSKILL

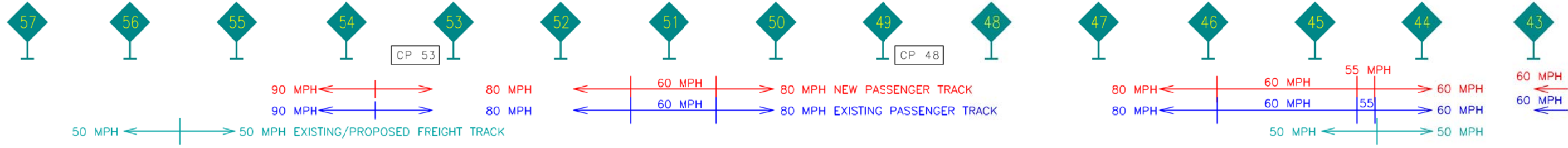
CORTLANDT

CROTON-HARMON

OSSINING

SCARBOROUGH

ES-12 METRO NORTH NEW SIGNAL SYSTEM (MP 75.8 - 32.8)



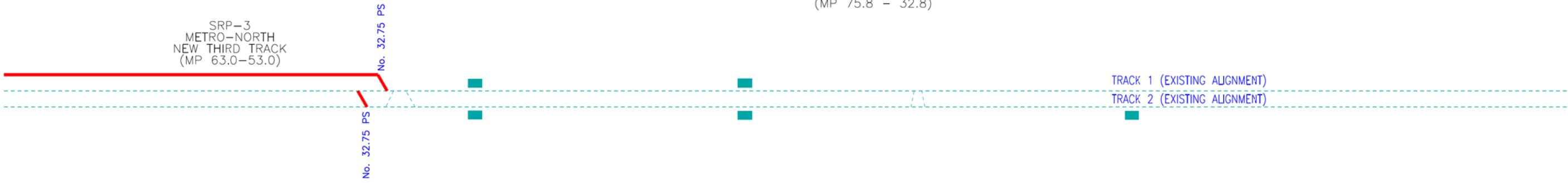
BRECKNECK RIDGE FLAG STOP

COLD SPRING

GARRISON

MANITOU

ES-12 METRO NORTH NEW SIGNAL SYSTEM (MP 75.8 - 32.8)



NOTE: ALL CROSSINGS WILL BE GRADE SEPARATED OR ELIMINATED FROM ALBANY TO BUFFALO

SYMBOLS:

- EXISTING STATION
- PROPOSED STATION
- ( ) JG BRIDGE

LEGEND:

- EXISTING TRACK
- ROADWAY
- WATERWAY
- TRACK TO BE REMOVED
- NEW PASSENGER TRACK
- INTERSTATE HIGHWAY
- NO BUILD PROJECT



HNTB

NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS

VERY HIGH SPEED TRACK ASSESSMENT 125 MPH ALTERNATIVE ENGINEERED TRACK SCHEMATIC, SHEET 2 OF 16

CONTRACT NUMBER

XXXXXXXXXX

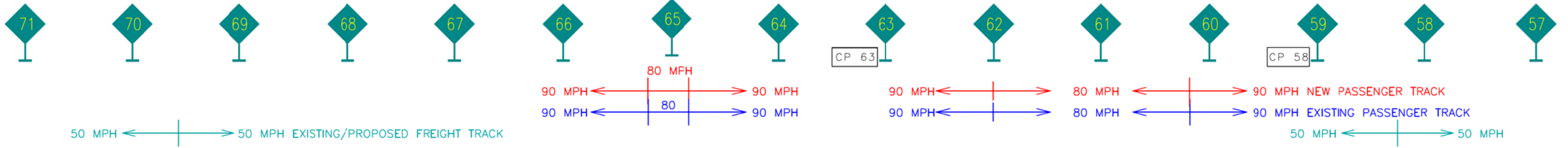
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FILE NAME = JAB NY HSR Proposed 125mph\_Track Schematic.dgn

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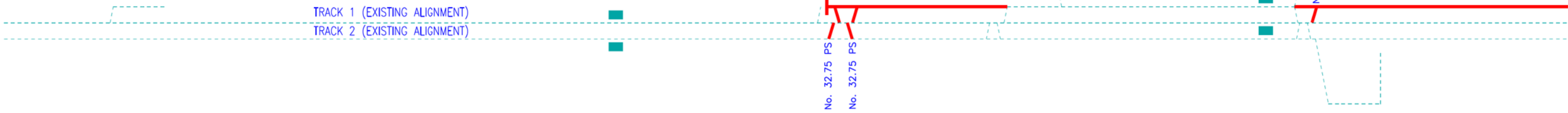


NEW HAMBURG

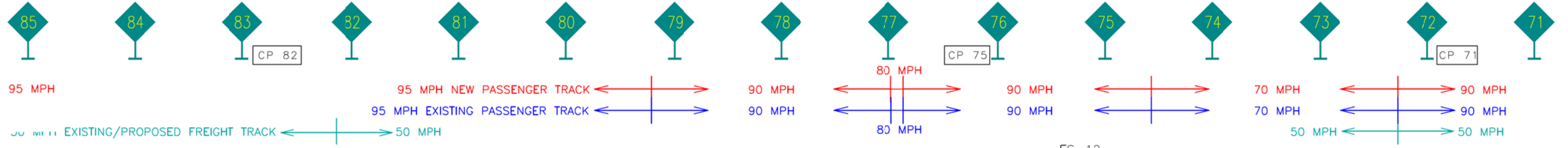
ES-12 METRO NORTH NEW SIGNAL SYSTEM (MP 75.8 - 32.8)

BEACON

SRP-3 METRO-NORTH NEW THIRD TRACK (MP 63.0-53.0)



ALL NEW FROG ANGLES #32.75 AT THIS LOCATION UNLESS OTHERWISE SHOWN



ES-05 HUDSON LINE RELIABILITY IMPROVEMENTS NEW CONTROL POINTS (CP 82)

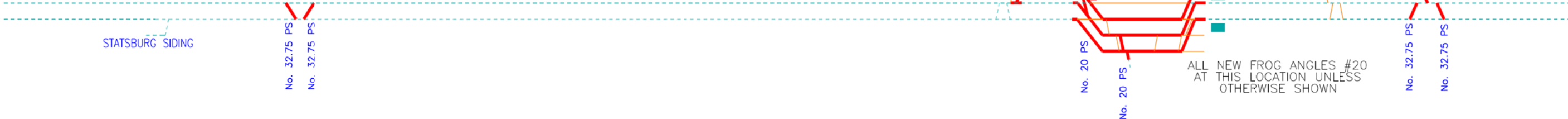
ES-03 HUDSON SUBDIVISION SIGNAL RELIABILITY (MP 140.0 - 75.8) (NO-BUILD PROJECT)

ES-01 HUDSON SUBDIVISION GRADE CROSSING IMPROVEMENTS (MP 140.0 - 75.8) (NO-BUILD PROJECT)

ES-12 METRO NORTH NEW SIGNAL SYSTEM (MP 75.8 - 32.8)

POUGHKEEPSIE

ES-13 METRO-NORTH POUGHKEEPSIE YARD/STORAGE FACILITY TRACK/SIGNALS (MP 75.8-71.0)



NOTE: ALL CROSSINGS WILL BE GRADE SEPARATED OR ELIMINATED FROM ALBANY TO BUFFALO

SYMBOLS:

- EXISTING STATION
- PROPOSED STATION
- JG BRIDGE

LEGEND:

- EXISTING TRACK
- ROADWAY
- WATERWAY
- TRACK TO BE REMOVED
- NEW PASSENGER TRACK
- INTERSTATE HIGHWAY
- NO BUILD PROJECT



HNTB

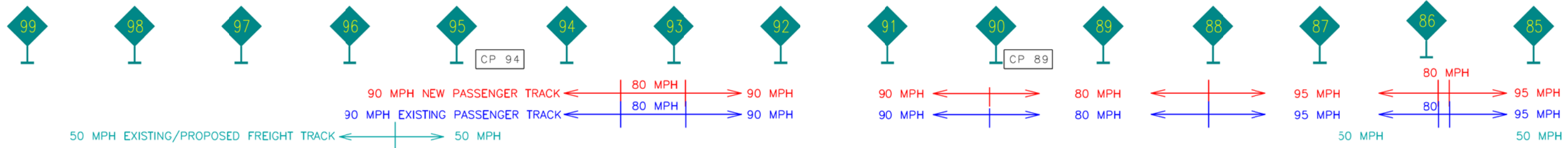
NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS

VERY HIGH SPEED TRACK ASSESSMENT 125 MPH ALTERNATIVE ENGINEERED TRACK SCHEMATIC, SHEET 3 OF 16

CONTRACT NUMBER XXXXXXXXX

DRAWING NO. N/A SHEET NO. N/A DATE: JUNE 14, 2012

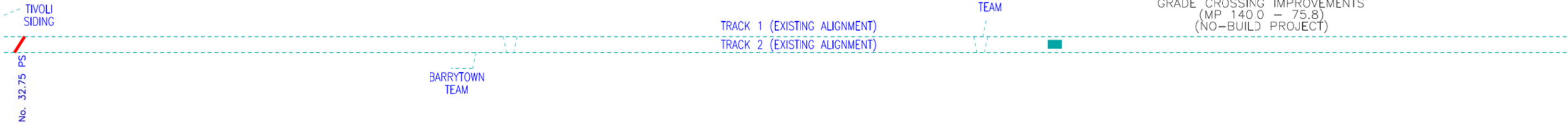
FILE NAME = JAB NY HSR Proposed 125mph\_Track Schematic.dgn  
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 PLAN DEVELOPED BY



RHINECLIFF  
 SRP-11  
 RHINECLIFF STATION IMPROVEMENTS  
 (MP 89.2)  
 RHINECLIFF TEAM

ES-03  
 HUDSON SUBDIVISION  
 SIGNAL RELIABILITY  
 (MP 140.0 - 75.8)  
 (NO-BUILD PROJECT)

ES-01  
 HUDSON SUBDIVISION  
 GRADE CROSSING IMPROVEMENTS  
 (MP 140.0 - 75.8)  
 (NO-BUILD PROJECT)



ES-04  
 HUDSON LINE RELIABILITY IMPROVEMENTS  
 ROCK SLOPE STABILIZATION  
 (MP 107.5, MP 107.0,  
 MP 106.0, MP 105.8, MP 105.3)

ES-03  
 HUDSON SUBDIVISION  
 SIGNAL RELIABILITY  
 (MP 140.0 - 75.8)  
 (NO-BUILD PROJECT)

ES-01  
 HUDSON SUBDIVISION  
 GRADE CROSSING IMPROVEMENTS  
 (MP 140.0 - 75.8)  
 (NO-BUILD PROJECT)

ES-05  
 HUDSON LINE  
 RELIABILITY IMPROVEMENTS  
 NEW CONTROL POINTS  
 (CP 99)



NOTE:  
 ALL CROSSINGS WILL BE GRADE SEPARATED  
 OR ELIMINATED FROM ALBANY TO BUFFALO

**SYMBOLS:**  
 EXISTING STATION  
 PROPOSED STATION  
 JG BRIDGE

**LEGEND:**  
 EXISTING TRACK  
 ROADWAY  
 WATERWAY  
 TRACK TO BE REMOVED  
 NEW PASSENGER TRACK  
 INTERSTATE HIGHWAY  
 NO BUILD PROJECT

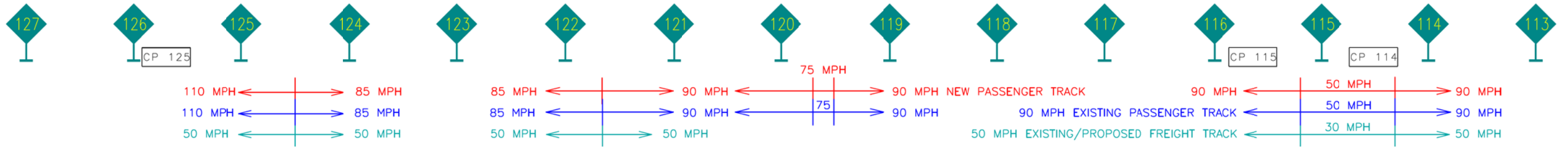
	NYSDOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	VERY HIGH SPEED TRACK ASSESSMENT 125 MPH ALTERNATIVE ENGINEERED TRACK SCHEMATIC, SHEET 4 OF 16	DRAWING NO. N/A SHEET NO. N/A DATE: JUNE 14, 2012

FILE NAME = JAB NY HSR Proposed 125mph\_Track Schematic.dgn

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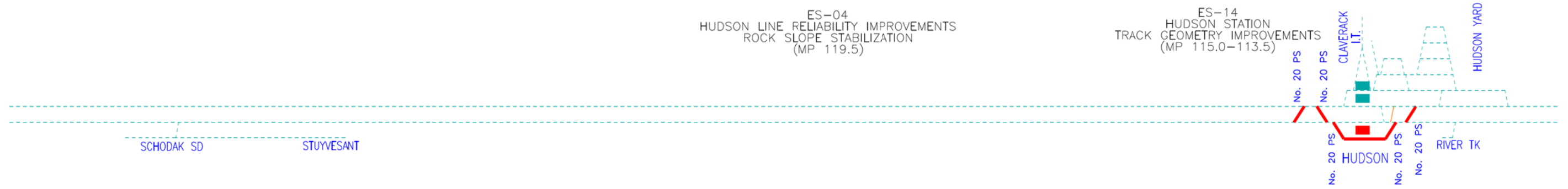
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PLAN DEVELOPED BY



ES-04  
HUDSON LINE RELIABILITY IMPROVEMENTS  
ROCK SLOPE STABILIZATION  
(MP 119.5)

ES-14  
HUDSON STATION  
TRACK GEOMETRY IMPROVEMENTS  
(MP 115.0-113.5)



ALL NEW FROG ANGLES #20  
AT THIS LOCATION UNLESS  
OTHERWISE SHOWN



ES-01  
HUDSON SUBDIVISION  
GRADE CROSSING IMPROVEMENTS  
(MP 140.0 - 75.8)  
(NO-BUILD PROJECT)

HUDSON SUBDIVISION SMALL  
BRIDGE IMPROVEMENTS  
(MP 140 - 75.8)

ES-03  
HUDSON SUBDIVISION  
SIGNAL RELIABILITY  
(MP 140.0 - 75.8)  
(NO-BUILD PROJECT)

ES-05  
HUDSON LINE RELIABILITY IMPROVEMENTS  
NEW CONTROL POINTS  
(CP 136)

ES-04  
HUDSON LINE RELIABILITY IMPROVEMENTS  
ROCK SLOPE STABILIZATION  
(MP 130.0, MP 129.1, MP 128.9, MP 128.1)



NOTE:  
ALL CROSSINGS WILL BE GRADE SEPARATED  
OR ELIMINATED FROM ALBANY TO BUFFALO

**SYMBOLS:**

- EXISTING STATION
- PROPOSED STATION
- JG BRIDGE

**LEGEND:**

- EXISTING TRACK
- ROADWAY
- WATERWAY
- TRACK TO BE REMOVED
- NEW PASSENGER TRACK
- INTERSTATE HIGHWAY
- NO BUILD PROJECT



**HNTB**

NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL  
EMPIRE CORRIDOR, TIER 1 EIS

VERY HIGH SPEED TRACK ASSESSMENT  
125 MPH ALTERNATIVE  
ENGINEERED TRACK SCHEMATIC, SHEET 5 OF 16

CONTRACT NUMBER

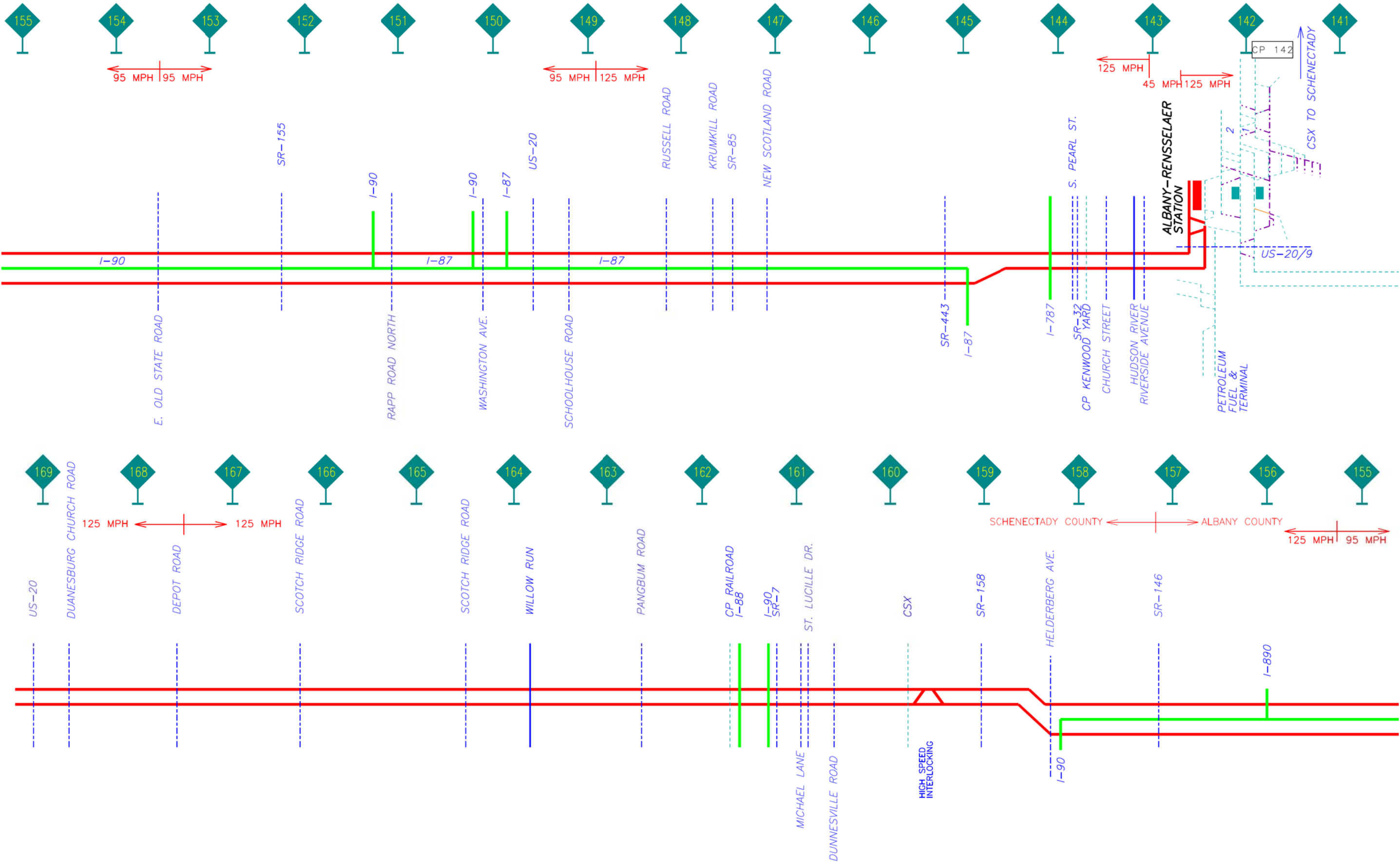
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DRAWING NO. N/A  
SHEET NO. N/A  
DATE: JUNE 14, 2012





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NOTE:  
 ALL CROSSINGS WILL BE GRADE SEPARATED  
 OR ELIMINATED FROM ALBANY TO BUFFALO

**SYMBOLS:**

- EXISTING STATION
- PROPOSED STATION
- JG BRIDGE

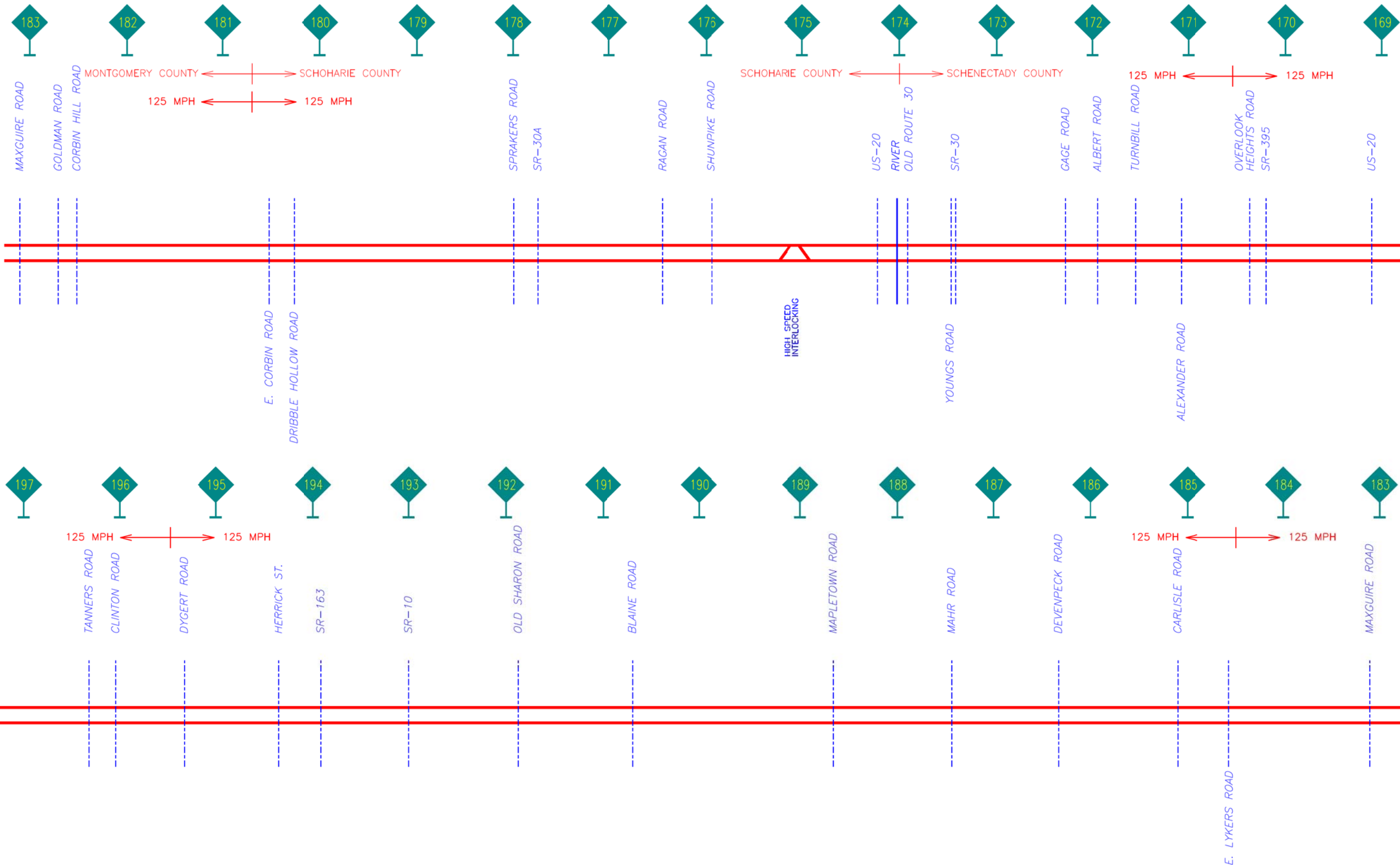
**LEGEND:**

- EXISTING TRACK
- ROADWAY
- WATERWAY
- TRACK TO BE REMOVED
- NEW PASSENGER TRACK
- INTERSTATE HIGHWAY
- NO BUILD PROJECT

	NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	VERY HIGH SPEED TRACK ASSESSMENT 125 MPH ALTERNATIVE ENGINEERED TRACK SCHEMATIC, SHEET 6 OF 16	DRAWING NO. N/A SHEET NO. N/A DATE: JUNE 14, 2012



PLAN DEVELOPED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ FILE NAME = JAB NY HSR Proposed 125mph\_Track Schematic.dgn



NOTE:  
ALL CROSSINGS WILL BE GRADE SEPARATED  
OR ELIMINATED FROM ALBANY TO BUFFALO

**SYMBOLS:**

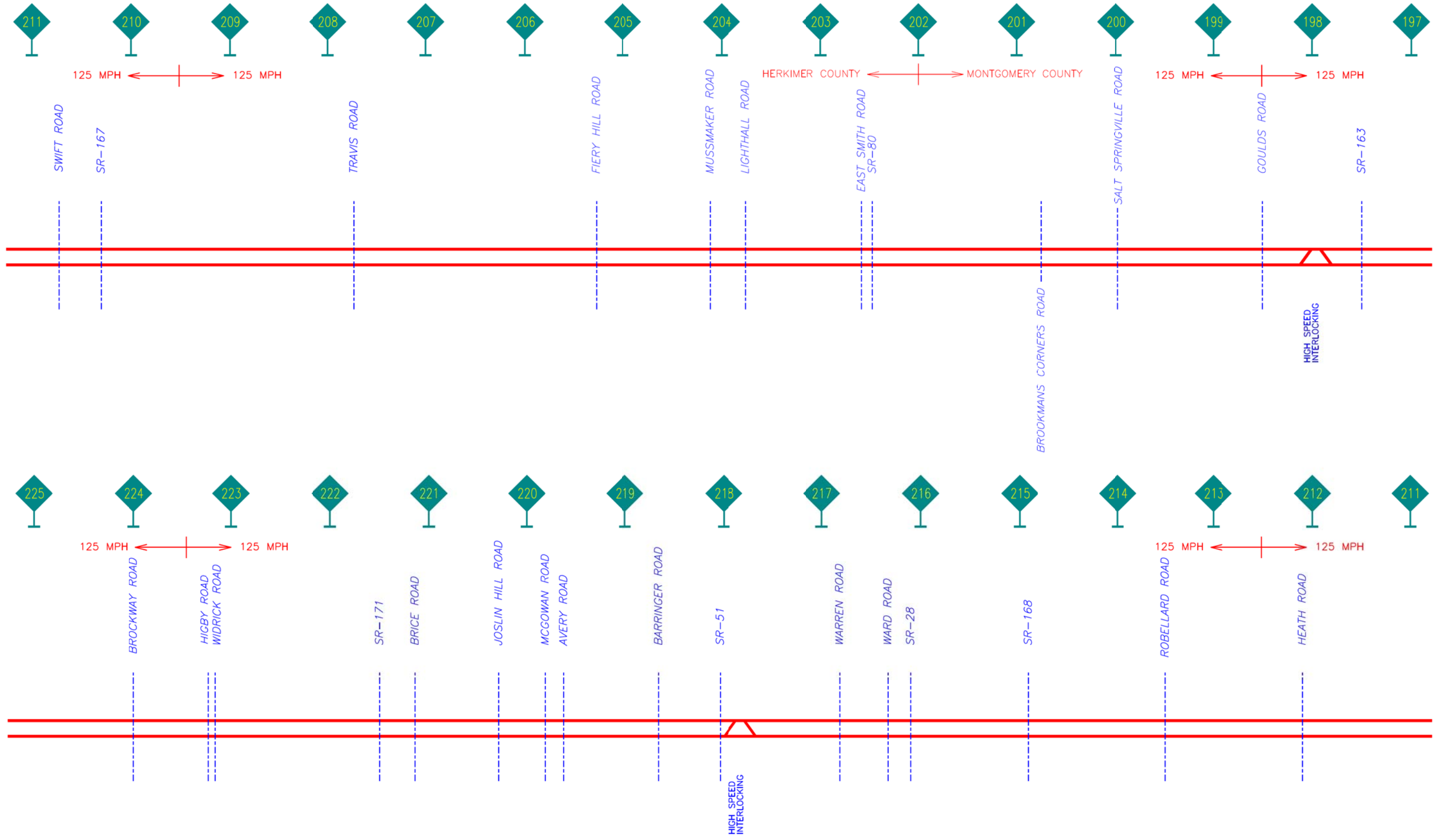
- EXISTING STATION
- PROPOSED STATION
- JG BRIDGE

**LEGEND:**

- EXISTING TRACK
- ROADWAY
- WATERWAY
- TRACK TO BE REMOVED
- NEW PASSENGER TRACK
- INTERSTATE HIGHWAY
- NO BUILD PROJECT

	NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS		CONTRACT NUMBER XXXXXXXXX
	VERY HIGH SPEED TRACK ASSESSMENT 125 MPH ALTERNATIVE ENGINEERED TRACK SCHEMATIC, SHEET 7 OF 16		DRAWING NO. N/A SHEET NO. N/A DATE: JUNE 14, 2012

FILE NAME = JAB NY HSR Proposed 125mph\_Track Schematic.dgn  
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NOTE:  
 ALL CROSSINGS WILL BE GRADE SEPARATED  
 OR ELIMINATED FROM ALBANY TO BUFFALO

**SYMBOLS:**

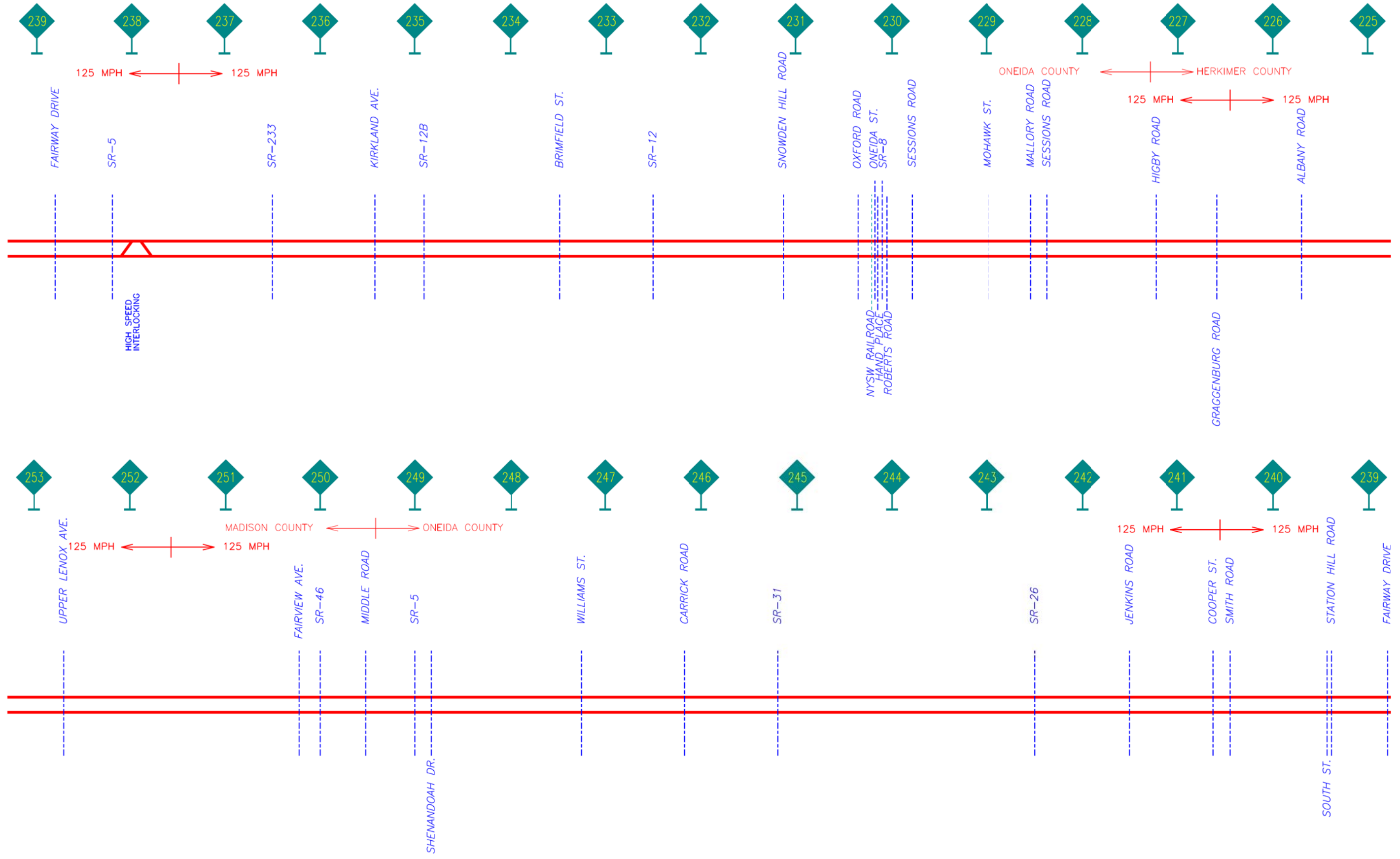
- EXISTING STATION
- PROPOSED STATION
- JG BRIDGE

**LEGEND:**

- EXISTING TRACK
- ROADWAY
- WATERWAY
- TRACK TO BE REMOVED
- NEW PASSENGER TRACK
- INTERSTATE HIGHWAY
- NO BUILD PROJECT

		NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS		CONTRACT NUMBER XXXXXXXXX
		VERY HIGH SPEED TRACK ASSESSMENT 125 MPH ALTERNATIVE ENGINEERED TRACK SCHEMATIC, SHEET 8 OF 16		DRAWING NO. N/A SHEET NO. N/A DATE: JUNE 14, 2012

FILE NAME = JAB NY HSR Proposed 125mph\_Track Schematic.dgn  
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NOTE:  
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 OR ELIMINATED FROM ALBANY TO BUFFALO

**SYMBOLS:**

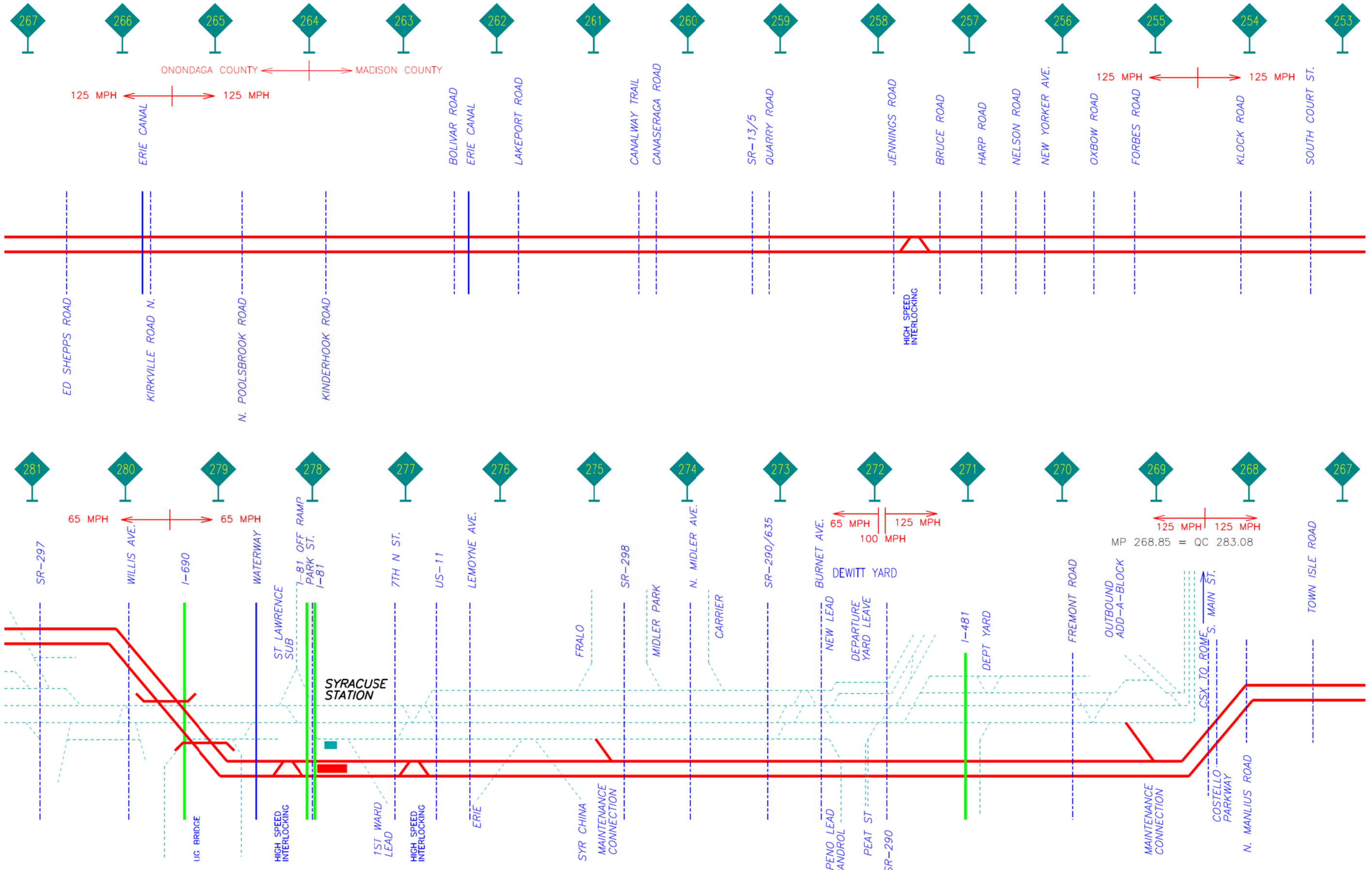
- EXISTING STATION
- PROPOSED STATION
- JG BRIDGE

**LEGEND:**

- EXISTING TRACK
- ROADWAY
- WATERWAY
- TRACK TO BE REMOVED
- NEW PASSENGER TRACK
- INTERSTATE HIGHWAY
- NO BUILD PROJECT

	NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	VERY HIGH SPEED TRACK ASSESSMENT 125 MPH ALTERNATIVE ENGINEERED TRACK SCHEMATIC, SHEET 9 OF 16	DRAWING NO. N/A SHEET NO. N/A DATE: JUNE 14, 2012

FILE NAME = JAB NY HSR Proposed 125mph\_Track Schematic.dgn  
 CHECKED BY \_\_\_\_\_  
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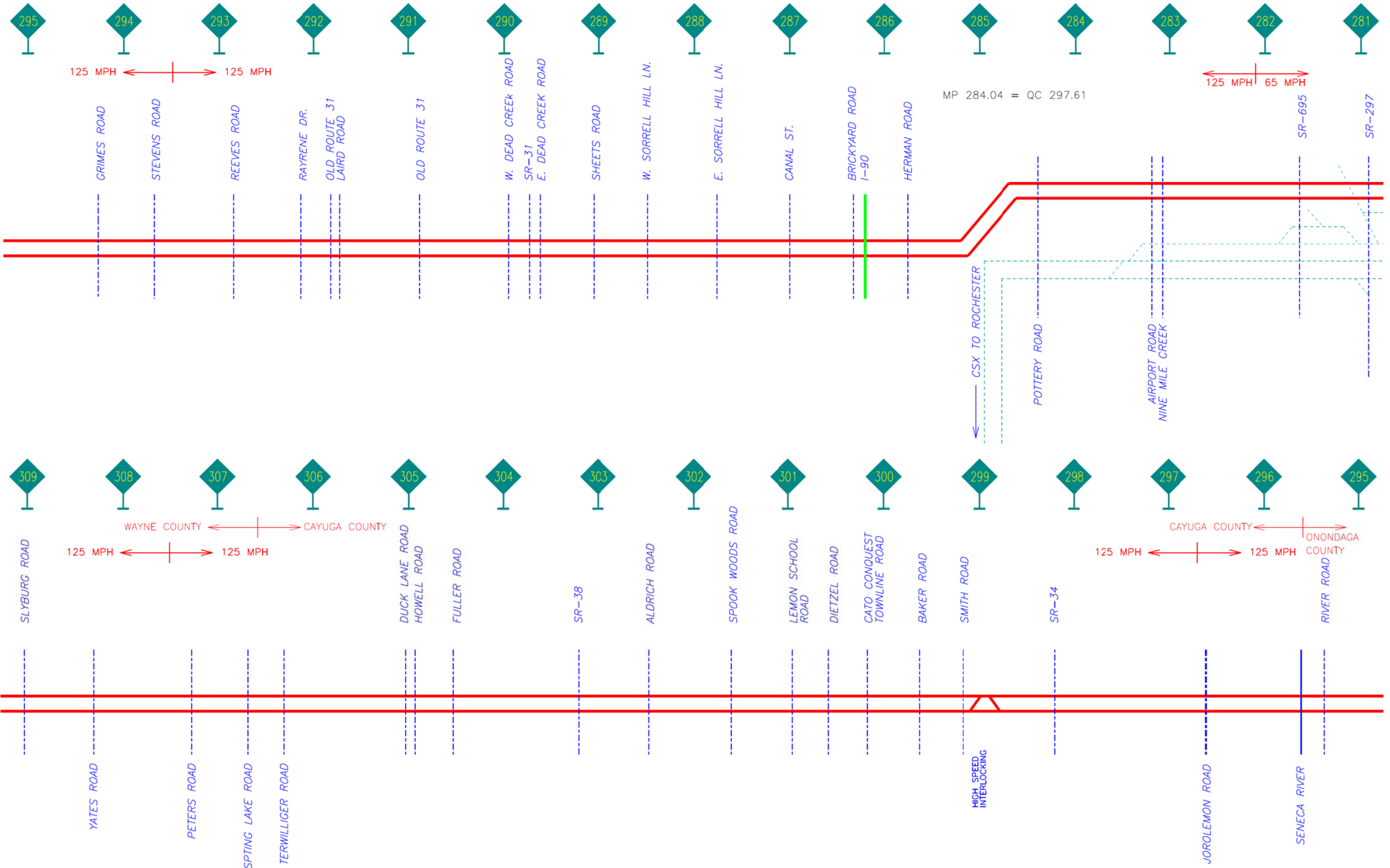


NOTE:  
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 OR ELIMINATED FROM ALBANY TO BUFFALO

- SYMBOLS:**
- EXISTING STATION
  - PROPOSED STATION
  - UG BRIDGE
- LEGEND:**
- EXISTING TRACK
  - ROADWAY
  - WATERWAY
  - TRACK TO BE REMOVED
  - NEW PASSENGER TRACK
  - INTERSTATE HIGHWAY
  - NO BUILD PROJECT

	NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	VERY HIGH SPEED TRACK ASSESSMENT 125 MPH ALTERNATIVE ENGINEERED TRACK SCHEMATIC, SHEET 10 OF 16	DRAWING NO. N/A SHEET NO. N/A DATE: JUNE 14, 2012

FILE NAME = JAB NY HSR Proposed 125mph\_Track Schematic.dgn  
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NOTE:  
 ALL CROSSINGS WILL BE GRADE SEPARATED  
 OR ELIMINATED FROM ALBANY TO BUFFALO

**SYMBOLS:**

- EXISTING STATION
- PROPOSED STATION
- JG BRIDGE

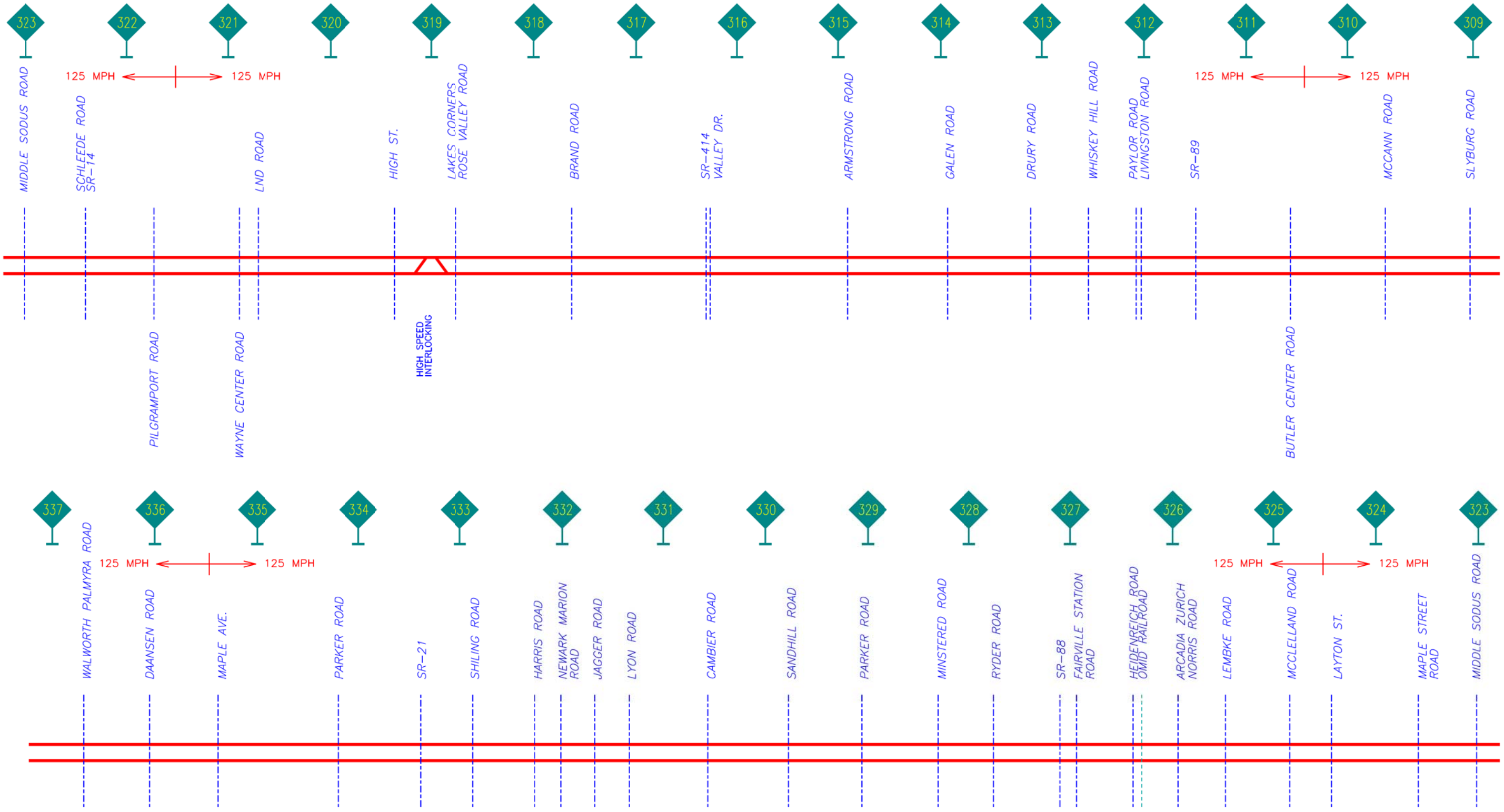
**LEGEND:**

- EXISTING TRACK
- ROADWAY
- WATERWAY
- TRACK TO BE REMOVED
- NEW PASSENGER TRACK
- INTERSTATE HIGHWAY
- NO BUILD PROJECT

	NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	VERY HIGH SPEED TRACK ASSESSMENT 125 MPH ALTERNATIVE ENGINEERED TRACK SCHEMATIC, SHEET 11 OF 16	DRAWING NO. N/A SHEET NO. N/A DATE: JUNE 14, 2012



FILE NAME = JAB NY HSR Proposed 125mph\_Track Schematic.dgn  
 CHECKED BY \_\_\_\_\_  
 DRAFTED BY \_\_\_\_\_  
 PLAN DEVELOPED BY \_\_\_\_\_



NOTE:  
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 OR ELIMINATED FROM ALBANY TO BUFFALO

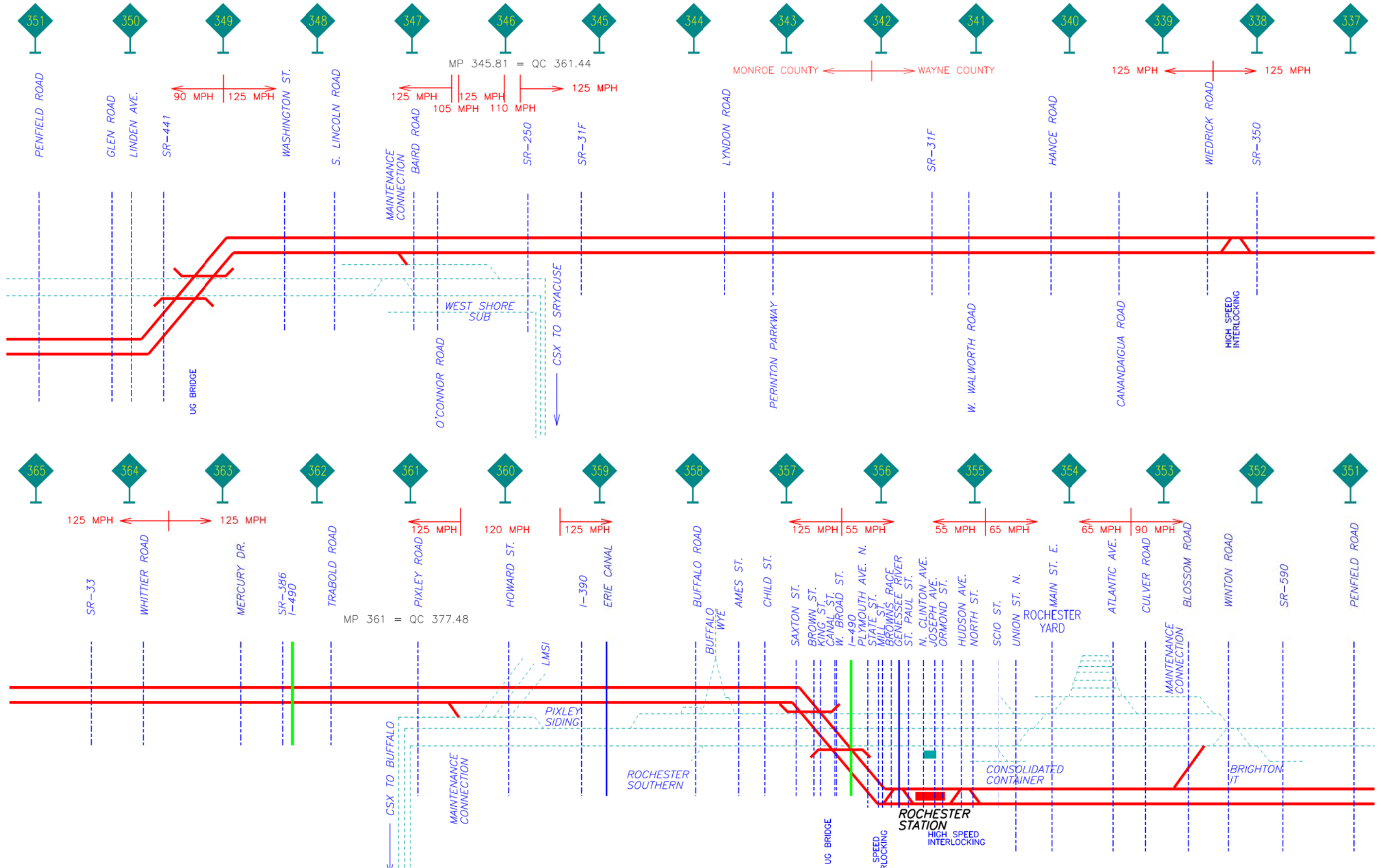
**SYMBOLS:**

- EXISTING STATION
- PROPOSED STATION
- JG BRIDGE

**LEGEND:**

- EXISTING TRACK
- ROADWAY
- WATERWAY
- TRACK TO BE REMOVED
- NEW PASSENGER TRACK
- INTERSTATE HIGHWAY
- NO BUILD PROJECT

	NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX	
	VERY HIGH SPEED TRACK ASSESSMENT 125 MPH ALTERNATIVE ENGINEERED TRACK SCHEMATIC, SHEET 12 OF 16	DRAWING NO. N/A SHEET NO. N/A DATE: JUNE 14, 2012	



NOTE:  
ALL CROSSINGS WILL BE GRADE SEPARATED  
OR ELIMINATED FROM ALBANY TO BUFFALO

**SYMBOLS:**

- EXISTING STATION
- PROPOSED STATION
- ( ) UG BRIDGE

**LEGEND:**

- EXISTING TRACK
- ROADWAY
- WATERWAY
- TRACK TO BE REMOVED
- NEW PASSENGER TRACK
- INTERSTATE HIGHWAY
- NO BUILD PROJECT



**HNTB**

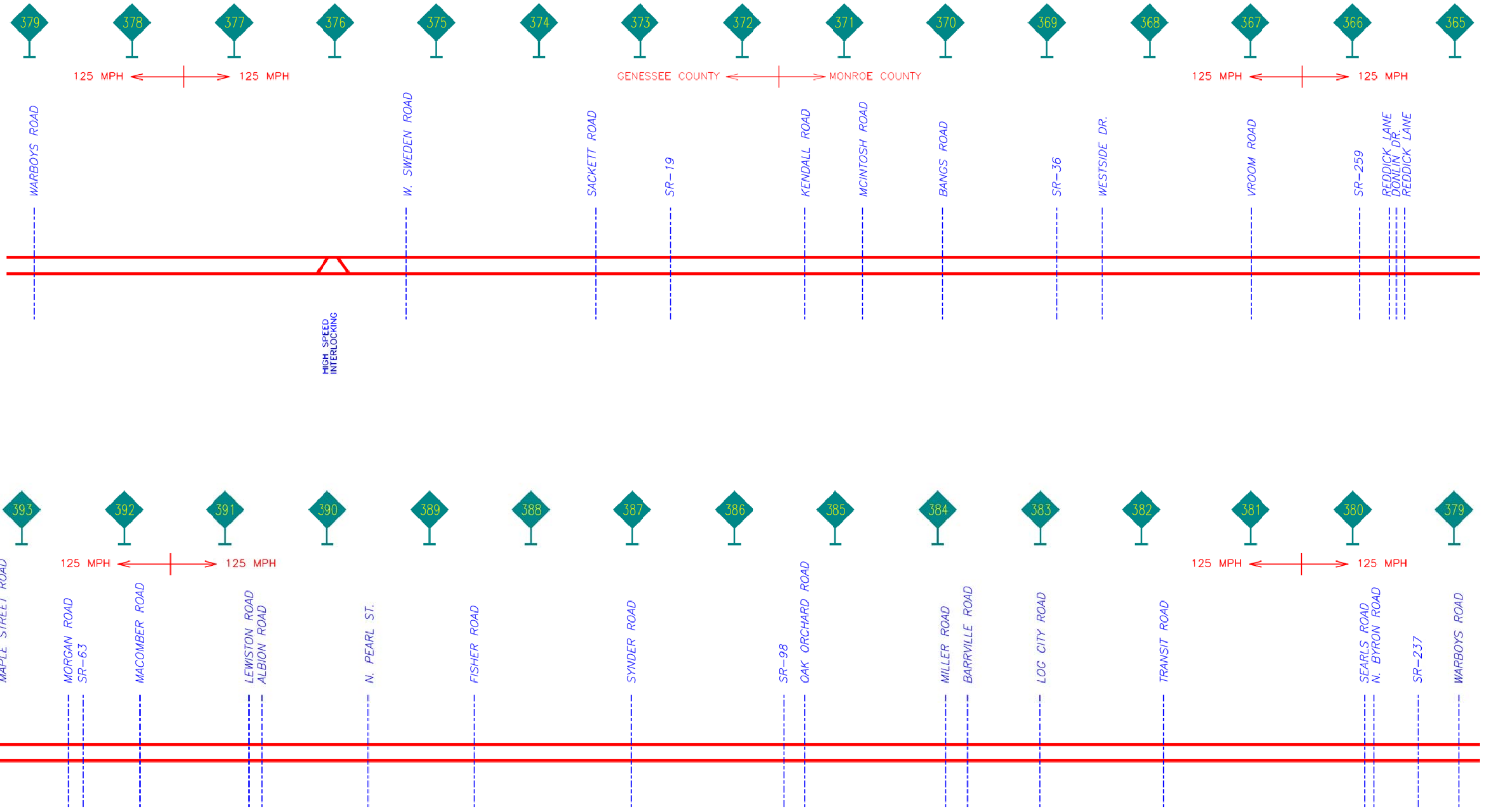
NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL  
EMPIRE CORRIDOR, TIER 1 EIS

VERY HIGH SPEED TRACK ASSESSMENT  
125 MPH ALTERNATIVE  
ENGINEERED TRACK SCHEMATIC, SHEET 13 OF 16

CONTRACT NUMBER  
XXXXXXXXXX

DRAWING NO. N/A  
SHEET NO. N/A  
DATE: JUNE 14, 2012

FILE NAME = JAB NY HSR Proposed 125mph\_Track Schematic.dgn  
 CHECKED BY \_\_\_\_\_  
 DRAFTED BY \_\_\_\_\_  
 PLAN DEVELOPED BY \_\_\_\_\_



NOTE:  
 ALL CROSSINGS WILL BE GRADE SEPARATED  
 OR ELIMINATED FROM ALBANY TO BUFFALO

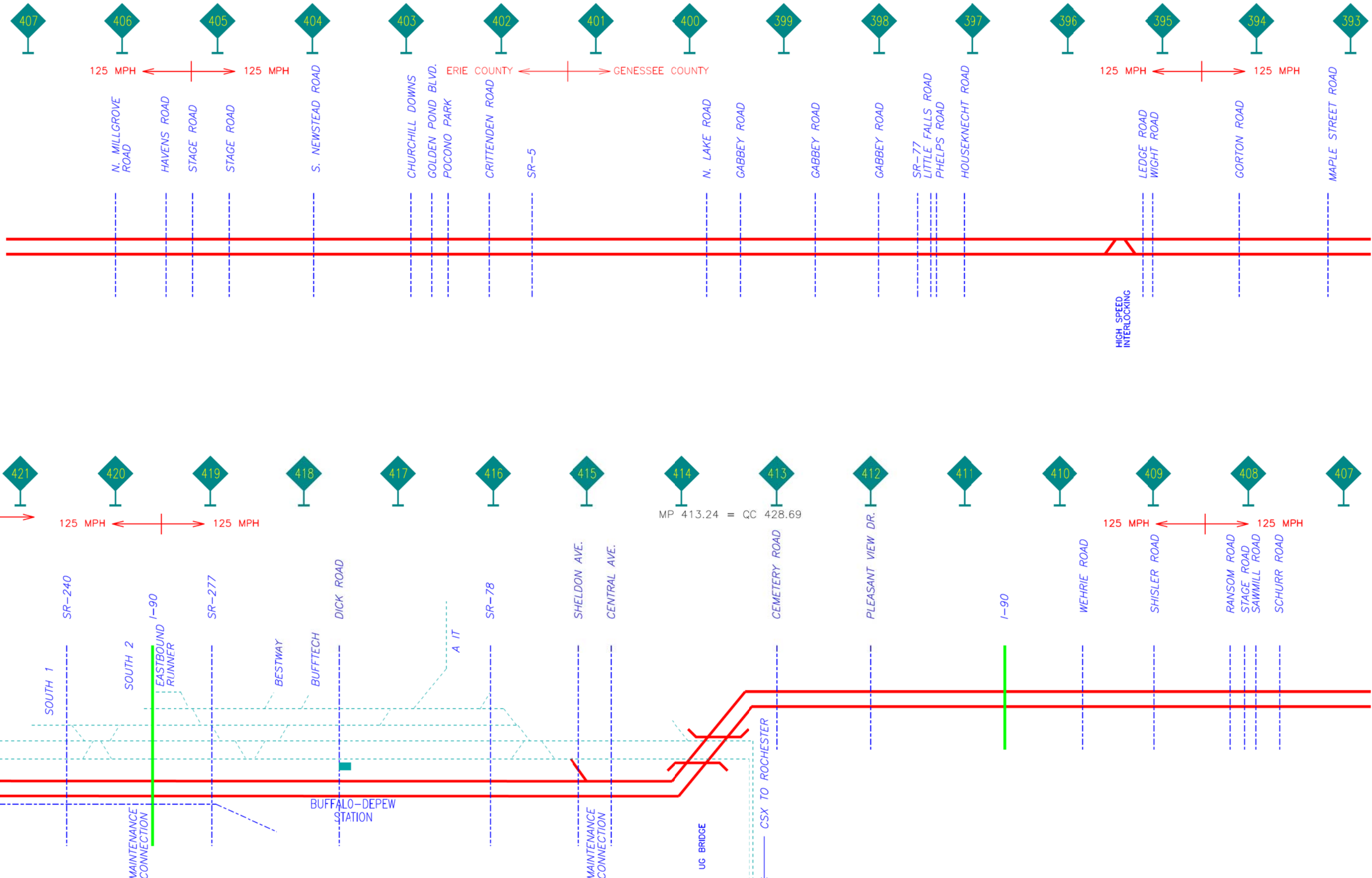
- SYMBOLS:**
- EXISTING STATION
  - PROPOSED STATION
  - JG BRIDGE

- LEGEND:**
- EXISTING TRACK
  - ROADWAY
  - WATERWAY
  - TRACK TO BE REMOVED
  - NEW PASSENGER TRACK
  - INTERSTATE HIGHWAY
  - NO BUILD PROJECT

	NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	VERY HIGH SPEED TRACK ASSESSMENT 125 MPH ALTERNATIVE ENGINEERED TRACK SCHEMATIC, SHEET 14 OF 16	DRAWING NO. N/A SHEET NO. N/A DATE: JUNE 14, 2012



FILE NAME = JAB NY HSR Proposed 125mph\_Track Schematic.dgn  
 CHECKED BY \_\_\_\_\_  
 DRAFTED BY \_\_\_\_\_  
 PLAN DEVELOPED BY \_\_\_\_\_



NOTE:  
 ALL CROSSINGS WILL BE GRADE SEPARATED  
 OR ELIMINATED FROM ALBANY TO BUFFALO

**SYMBOLS:**

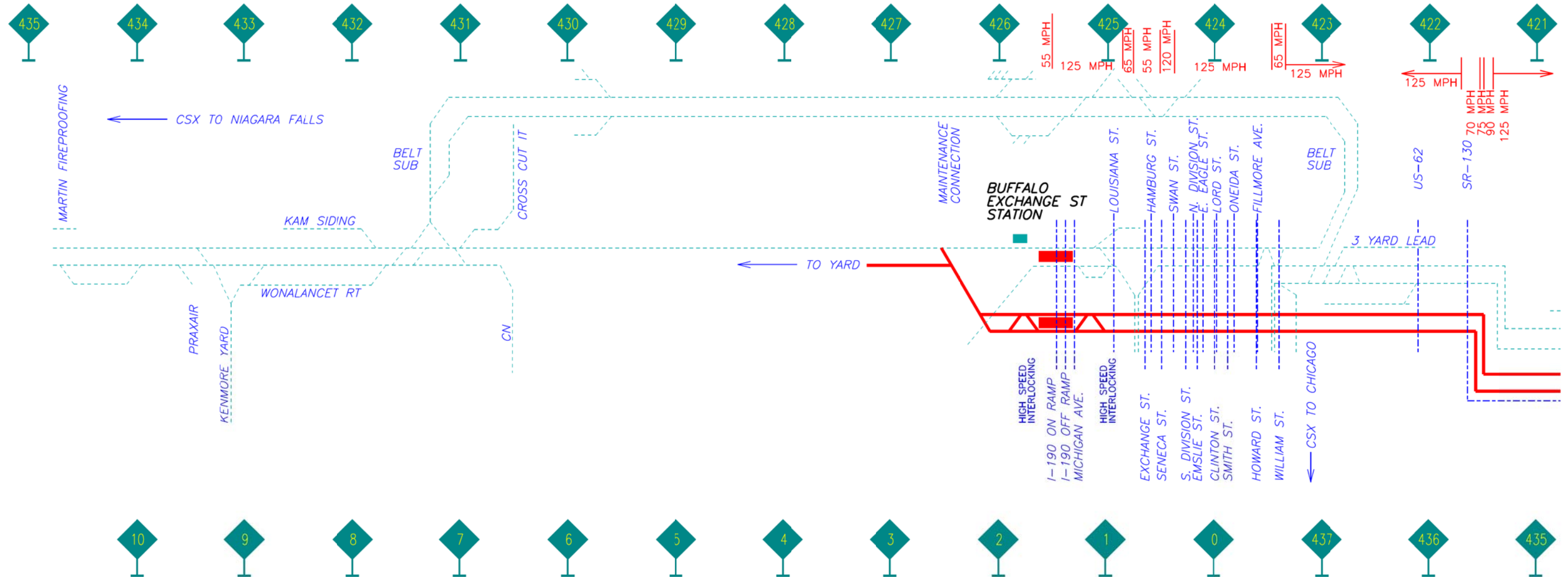
- EXISTING STATION
- PROPOSED STATION
- ⌋ UG BRIDGE

**LEGEND:**

- EXISTING TRACK
- ROADWAY
- WATERWAY
- TRACK TO BE REMOVED
- NEW PASSENGER TRACK
- INTERSTATE HIGHWAY
- NO BUILD PROJECT

 <b>HNTB</b>	NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL EMPIRE CORRIDOR, TIER 1 EIS	CONTRACT NUMBER XXXXXXXXX
	VERY HIGH SPEED TRACK ASSESSMENT 125 MPH ALTERNATIVE ENGINEERED TRACK SCHEMATIC, SHEET 15 OF 16	DRAWING NO. N/A SHEET NO. N/A DATE: JUNE 14, 2012

PLAN DEVELOPED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ FILE NAME = JAB NY HSR Proposed 125mph\_Track Schematic.dgn



NOTE:  
ALL CROSSINGS WILL BE GRADE SEPARATED  
OR ELIMINATED FROM ALBANY TO BUFFALO

**SYMBOLS:**

- EXISTING STATION
- PROPOSED STATION
- JG BRIDGE

**LEGEND:**

- EXISTING TRACK
- ROADWAY
- WATERWAY
- TRACK TO BE REMOVED
- NEW PASSENGER TRACK
- INTERSTATE HIGHWAY
- NO BUILD PROJECT



**HNTB**

NYS DOT HIGH-SPEED INTERCITY PASSENGER RAIL  
EMPIRE CORRIDOR, TIER 1 EIS

VERY HIGH SPEED TRACK ASSESSMENT  
125 MPH ALTERNATIVE  
ENGINEERED TRACK SCHEMATIC, SHEET 16 OF 16

CONTRACT NUMBER

XXXXXXXXXX

DRAWING NO. N/A  
SHEET NO. N/A  
DATE: JUNE 14, 2012

