

December 10, 2018

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION
DEPARTMENT OF ADMINISTRATION

DIVISION OF PURCHASES BID NO. 7597656

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

RHODE ISLAND CONTRACT NO.2018-CT-092

FEDERAL-AID PROJECT NO. FAP Nos: STPG-HSIP(054)

Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019 C1

The limits of the project are summarized below:

- Hartford Pike (Route 101) – Foster/Scituate
Between the Connecticut State Line and US Route 6
- South County Trail (Route 2) – South Kingstown/Exeter/Scituate
Between Route 138 (Kingstown Road) and Route 102 (Ten Rod Road)
- Tower Hill Road (US Route 1) – South Kingstown
500' North of Saugatucket Road to 1500' South of Saugatucket Road
- Limerock Road at Orchard Meadows Drive – Smithfield

CITY/TOWN OF

COUNTY OF

NOTICE TO PROSPECTIVE BIDDERS

ADDENDUM NO. 1 Prospective bidders and all concerned are hereby notified of the following changes in the Plans, Specifications, Proposal and Distribution of Quantities for this contract. These changes shall be incorporated in the Plans, Specifications, Proposal and Distribution of Quantities, and shall become an integral part of the Contract Documents.

A. Distribution of Quantities

1. Table of Contents – Distribution of Quantities

Delete Index 1, and Index 2 in their entirety and replace with Index 1 (R-1), and Index 2 (R-1) attached to this Addendum No. 1. The Table of Contents has been revised.

2. Item Code 201.0610 Remove and Dispose Directional, Warning, Regulatory, Service, and Street Signs

Delete Pages 2 and 3 in their entirety and replace with revised Pages 2 (R-1) and 3 (R-1) and add Page 2a attached to this Addendum No. 1. Remove and Dispose Directional, Warning, Regulatory, Service, and Street Signs has been revised.

3. Item Code 922.0100 Temporary Construction Signs Standard 29.1.0 and 27.1.1

Delete Page 10 in its entirety and replace with revised Page 10 (R-1) and add Page 10a attached to this Addendum No. 1. Temporary Construction Signs Standard 29.1.0 and 27.1.1 has been revised.

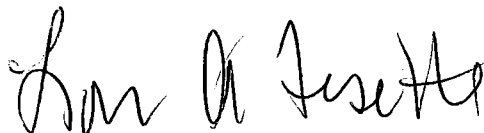
4. Item Code T15.0100 Directional Regulatory and Warning Signs
Delete Pages 14, 15, 16, 17, 18, 19, 20 and 21 in their entirety and replace with revised Pages 14 (R-1), 15 (R-1), 16 (R-1), 17 (R-1), 18 (R-1), 19 (R-1), 20 (R-1) and 21 (R-1) and add Page 21a attached to this Addendum No. 1. Directional Regulatory and Warning Signs has been revised.
5. Item Code T20.2006 6 Inch Epoxy Resin Pavement Markings White
Delete Pages 25, 26 and 27 in their entirety and replace with revised Pages 25 (R-1), 26 (R-1) and 27 (R-1) and add Pages 25a and 26a attached to this Addendum No. 1. 6 Inch Epoxy Resin Pavement Markings White has been revised.
6. Item Code T20.2014 4 Inch Epoxy Resin Pavement Markings Yellow
Delete Pages 28, 29, 30, 31 and 32 in their entirety and replace with revised Pages 28 (R-1), 29 (R-1), 30 (R-1), 31 (R-1) and 32 (R-1) and add Pages 28a, 30a and 32a attached to this Addendum No. 1. 4 Inch Epoxy Resin Pavement Markings Yellow has been revised.
7. Item Code T20.2019 12 Inch Epoxy Resin Pavement Markings Yellow
Delete Page 33 in its entirety and replace with revised Page 33 (R-1) and add Page 33a attached to this Addendum No. 1. 12 Inch Epoxy Resin Pavement Markings Yellow has been revised.
8. Item Code T20.2020 Epoxy Resin Pavement Arrow – Straight, Left, Right, or Combined Standard 20.1.0
Delete Pages 34, 35, 36, 38 and 39 in their entirety and replace with revised Pages 34 (R-1), 35 (R-1), 36 (R-1), 38 (R-1), and 39 (R-1) and add Pages 34a, 35a, 36a, 38a attached to this Addendum No. 1. Epoxy Resin Pavement Arrow – Straight, Left, Right, or Combined Standard 20.1.0 has been revised.
9. Item Code T13.1000 Traffic Detectors-Loop, Standard 19.6.0
Add Page 40 attached to this Addendum No. 1. Traffic Detectors-Loop, Standard 19.6.0 has been added.

B. Drawings/Plans - Change/Addition

1. Job Specific Plan Symbols, Legend & Notes
Delete Sheet 5 in its entirety and replace it with revised Sheet 5 (R-1) attached to this Addendum No. 1. The sheet has been revised.
2. General Plan No. 1
Delete Sheet 10 in its entirety and replace it with revised Sheet 10 (R-1) attached to this Addendum No. 1. The sheet has been revised.
3. General Plan No. 10
Delete Sheet 19 in its entirety and replace it with revised Sheet 19 (R-1) attached to this Addendum No. 1. The sheet has been revised.
4. General Plan No. 11
Delete Sheet 20 in its entirety and replace it with revised Sheet 20 (R-1) attached to this Addendum No. 1. The sheet has been revised.
5. General Plan No. 14
Delete Sheet 23 in its entirety and replace it with revised Sheet 23 (R-1) attached to this Addendum No. 1. The sheet has been revised.

6. General Plan No. 20
Delete Sheet 29 in its entirety and replace it with revised Sheet 29 (R-1) attached to this Addendum No. 1. The sheet has been revised.
7. General Plan No. 21
Delete Sheet 30 in its entirety and replace it with revised Sheet 30 (R-1) attached to this Addendum No. 1. The sheet has been revised.
8. General Plan No. 23
Delete Sheet 32 in its entirety and replace it with revised Sheet 32 (R-1) attached to this Addendum No. 1. The sheet has been revised.
9. General Plan No. 24
Delete Sheet 33 in its entirety and replace it with revised Sheet 33 (R-1) attached to this Addendum No. 1. The sheet has been revised.
10. General Plan No. 26
Delete Sheet 35 in its entirety and replace it with revised Sheet 35 (R-1) attached to this Addendum No. 1. The sheet has been revised.
11. General Plan No. 27
Delete Sheet 36 in its entirety and replace it with revised Sheet 36 (R-1) attached to this Addendum No. 1. The sheet has been revised.
12. General Plan No. 28
Delete Sheet 37 in its entirety and replace it with revised Sheet 37 (R-1) attached to this Addendum No. 1. The sheet has been revised.
13. General Plan No. 29
Delete Sheet 38 in its entirety and replace it with revised Sheet 38 (R-1) attached to this Addendum No. 1. The sheet has been revised.
14. General Plan No. 30
Delete Sheet 39 in its entirety and replace it with revised Sheet 39 (R-1) attached to this Addendum No. 1. The sheet has been revised.
15. General Plan No. 31
Delete Sheet 40 in its entirety and replace it with revised Sheet 40 (R-1) attached to this Addendum No. 1. The sheet has been revised.
16. General Plan No. 32
Delete Sheet 41 in its entirety and replace it with revised Sheet 41 (R-1) attached to this Addendum No. 1. The sheet has been revised.
17. General Plan No. 33
Delete Sheet 42 in its entirety and replace it with revised Sheet 42 (R-1) attached to this Addendum No. 1. The sheet has been revised.

18. General Plan No. 35
Delete Sheet 44 in its entirety and replace it with revised Sheet 44 (R-1) attached to this Addendum No. 1. The sheet has been revised.
19. General Plan No. 36
Delete Sheet 45 in its entirety and replace it with revised Sheet 45 (R-1) attached to this Addendum No. 1. The sheet has been revised.
20. General Plan No. 37
Delete Sheet 46 in its entirety and replace it with revised Sheet 46 (R-1) attached to this Addendum No. 1. The sheet has been revised.
21. General Plan No. 38
Delete Sheet 47 in its entirety and replace it with revised Sheet 47 (R-1) attached to this Addendum No. 1. The sheet has been revised.
22. General Plan No. 39
Delete Sheet 48 in its entirety and replace it with revised Sheet 48 (R-1) attached to this Addendum No. 1. The sheet has been revised.
23. General Plan No. 40
Delete Sheet 49 in its entirety and replace it with revised Sheet 49 (R-1) attached to this Addendum No. 1. The sheet has been revised.
24. Traffic Control Plan 1
Delete Sheet 53 in its entirety and replace it with revised Sheet 53 (R-1) attached to this Addendum No. 1. The sheet has been revised.
25. Traffic Control Plan 2
Delete Sheet 54 in its entirety and replace it with revised Sheet 54 (R-1) attached to this Addendum No. 1. The sheet has been revised.
26. Detour Plan No. 1
Delete Sheet 55 in its entirety and replace it with revised Sheet 55 (R-1) attached to this Addendum No. 1. The sheet has been revised.



RI Department of Transportation

Manager, Project Management

Table of Contents - Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
C1
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R.I. Contract No. - 2018-CT-092
FAP Nos: STPG-HSIP(054)

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201.0415	REMOVE AND DISPOSE GUARDRAIL AND POST ALL TYPES	1
201.0610	REMOVE AND DISPOSE DIRECTIONAL, WARNING, REGULATORY, SERVICE, AND STREET SIGNS	1
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206.0301	COMPOST FILTER SOCK	3
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213.0100	PLACEMENT OF MILLINGS BENEATH GUARDRAIL	5
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401.4003	CLASS 4.75 HMA FOR PATCHING	5
401.9901	HIGH FRICTION SURFACE TREATMENT	5
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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
004	201.0610	Cont.				
		STA. 240+10	RT	1.00	0021	01
		STA. 242+75	LT	1.00	0021	01
		STA. 25+00	RT	1.00	0021	01
		STA. 263+05	RT	1.00	0021	01
		STA. 27+00	LT	1.00	0021	01
		STA. 275+45	RT	1.00	0021	01
		STA. 318+50	LT		0021	01
		STA. 322+00	LT	1.00	0021	01
		STA. 342+90	RT	1.00	0021	01
		STA. 348+20	LT	1.00	0021	01
		STA. 385+30	LT	1.00	0021	01
		STA. 385+60	RT	1.00	0021	01
		STA. 385+70	LT	1.00	0021	01
		STA. 415+55	RT	1.00	0021	01
		STA. 455+38	RT	1.00	0021	01
		STA. 469+97	RT	1.00	0021	01
		STA. 479+72	LT	1.00	0021	01
		STA. 497+85	LT		0021	01
		STA. 499+54	RT	1.00	0021	01
		STA. 499+57	LT	1.00	0021	01
		STA. 500+70	RT	1.00	0021	01
		STA. 504+40	RT	1.00	0021	01
		STA. 93+30	LT	1.00	0021	01
		ROUTE 2				
		STA. 136+15	LT	1.00	0021	01
		STA. 140+11	LT	1.00	0021	01
		STA. 15+58	RT	1.00	0021	01
		STA. 15+92	LT	1.00	0021	01
		STA. 157+98	RT	1.00	0021	01
		STA. 16+35	LT	1.00	0021	01
		STA. 160+56	RT	1.00	0021	01
		STA. 194+65	LT	1.00	0021	01
		STA. 20+09	RT	1.00	0021	01

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004	201.0610	Cont.				
		STA. 203+04	RT	1.00	0021	01
		STA. 207+08	LT	2.00	0021	01
		STA. 247+78	LT	1.00	0021	01

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
004	201.0610	Cont.				
		STA. 248+70 RT		1.00	0021	01
		STA. 252+47 RT		1.00	0021	01
		STA. 252+49 LT		1.00	0021	01
		STA. 253+40 LT		1.00	0021	01
		STA. 264+82 LT		1.00	0021	01
		US ROUTE 1				
		STA. 26+75 LT		1.00	0021	01
Item 201.0610 Total:				47.00		
005	202.0201	ROCK EXCAVATION MECHANICAL	CY			
		ROUTE 101				
		END TERMINAL INSTALLATION ONLY		5.00	0021	01
		GUARDRAIL INSTALLATION LOCATIONS ONLY		75.00	0021	01
Item 202.0201 Total:				80.00		
006	202.0700	COMMON BORROW	CY			
		ROUTE 101				
		AS NEEDED		4.00	0021	01
		GUARDRAIL INSTALLATION LOCATIONS ONLY		75.00	0021	01
Item 202.0700 Total:				79.00		
007	204.0100	TRIMMING AND FINE GRADING	SY			
		ROUTE 101				
		AS NEEDED		25.00	0021	01
Item 204.0100 Total:				25.00		
008	206.0301	COMPOST FILTER SOCK	LF			
		ROUTE 101				
		AS NEEDED		1,000.00	0021	01
Item 206.0301 Total:				1,000.00		

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
027	916.9901 Cont.	PROJECT WIDE				
		AS NEEDED		2.00	0021	01
Item 916.9901 Total:				2.00		
028	919.0101	TEST PITS	EACH			
		PROJECT WIDE				
		AS NEEDED		5.00	0021	01
Item 919.0101 Total:				5.00		
029	922.0100	TEMPORARY CONSTRUCTION SIGNS	SF			
		STANDARD 29.1.0 AND 27.1.1				
		PROJECT WIDE				
		AS NEEDED		99.50	0021	01
		G20-2 (18"x36")		9.00	0021	01
		G20-2 (24"x48")		8.00	0021	01
		M4-10L (48"X18")		6.00	0021	01
		M4-8a (18"x24")		3.00	0021	01
		M4-9L (24"x30")			0021	01
		M4-9R (24"x30")		10.00	0021	01
		M4-9R (48"X36")		12.00	0021	01
		M4-9R(MOD) (24"x30")			0021	01
		M4-9V (24"x30")		5.00	0021	01
		M4-9V (48"X36")		24.00	0021	01
		R. I. STD. 27.1.1 (24"x36")		12.00	0021	01
		R. I. STD. 27.1.1 (48"x72")		24.00	0021	01
		R11-2 (48"x30")		10.00	0021	01
		R11-3 (60"x30")			0021	01
		R4-7 (30"X18")		7.50	0021	01
		W1-4L (36"x36")		18.00	0021	01
		W1-4R (36"X36")		18.00	0021	01
		W20-1 (36"x36")		18.00	0021	01
		W20-1 (48"x48")		16.00	0021	01
		W20-2 (36"x36")		18.00	0021	01

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
029	922.0100 Cont.	W20-2 (48"x48")		32.00	0021	01
		W20-3 (36"x36")		18.00	0021	01
		W20-3 (48"x48")		32.00	0021	01
		W20-4 (36"x36")		18.00	0021	01

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
041	T15.0100 Cont.	STA. 241+82 LT W14-3 (48"X48"X36")		6.00	0021	01
		STA. 241+85 RT W14-3 (48"X48"X36")		6.00	0021	01
		STA. 241+86 LT R4-1 (24"X30")		5.00	0021	01
		STA. 248+53 LT R4-2 (24"X30")		5.00	0021	01
		STA. 26+98 LT W14-3 (48"X48"X36")		6.00	0021	01
		STA. 26+99 RT R4-1 (24"X30")		5.00	0021	01
		STA. 261+23 LT W14-3 (48"X48"X36")		6.00	0021	01
		STA. 261+25 RT W14-3 (48"X48"X36")		6.00	0021	01
		STA. 340+50 RT W3-3 (30"X30")		6.25	0021	01
		STA. 351+81 LT W3-3 (30"X30")		6.25	0021	01
		STA. 354+20 RT W14-3 (48"X48"X36")		6.00	0021	01
		STA. 354+23 LT R4-1 (24"X30")		5.00	0021	01
		STA. 365+72 LT R4-2 (24"X30")		5.00	0021	01
		STA. 369+00 RT W2-7R (30"X30")		6.25	0021	01
		STA. 384+50 LT W2-7R (30"X30")		6.25	0021	01
		STA. 40+15 LT W14-3 (48"X48"X36")		6.00	0021	01
		STA. 40+16 RT R4-1 (24"X30")		5.00	0021	01
		STA. 413+50 RT W3-5 (36"X36")		9.00	0021	01
		STA. 451+08 RT R3-8 (30"X30")		6.25	0021	01
		STA. 455+88 LT R3-8 (30"X30")		6.25	0021	01
		STA. 465+58 LT R4-1 (24"X30")			0021	01
		STA. 465+60 RT R4-2 (24"X30")		5.00	0021	01
		STA. 465+63 RT W14-3 (48"X48"X36")			0021	01

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041	T15.0100 Cont.	STA. 473+48 LT W14-3 (48"X48"X36")		6.00	0021	01
		STA. 473+48 RT R4-1 (24"X30")		5.00	0021	01
		STA. 477+53 RT W14-3 (48"X48"X36")		6.00	0021	01
		STA. 477+56 LT R4-1 (24"X30")		5.00	0021	01
		STA. 487+10 LT R4-2 (24"X30")		5.00	0021	01
		STA. 50+02 LT R4-2 (24"X30")		5.00	0021	01
		STA. 511+50 RT W3-3 (30"X30")		6.25	0021	01
		STA. 513+52 RT W1-2R (30"X30")		6.25	0021	01
		STA. 55+50 RT R4-2 (24"X30")		5.00	0021	01
		STA. 64+50 LT W14-3 (48"X48"X36")		6.00	0021	01
		STA. 64+54 LT R4-1 (24"X30")		5.00	0021	01
		STA. 64+56 RT R4-1 (24"X30")		5.00	0021	01
		STA. 64+60 RT W14-3 (48"X48"X36")		6.00	0021	01
		STA. 79+63 LT R4-2 (24"X30")		5.00	0021	01
		STA. 99+30 RT W16-8AP (30"X15")		3.50	0021	01
		ROUTE 2				
		STA. 109+88 LT R3-9B (24"X36")		6.00	0021	01
		STA. 109+88 RT R3-9B (24"X36")		6.00	0021	01
		STA. 120+74 RT R3-9B (24"X36")		6.00	0021	01
		STA. 120+88 LT R3-9B (24"X36")		6.00	0021	01
		STA. 133+33 RT W16-8P (36"X8")		2.00	0021	01
		STA. 133+33 RT W2-2 (30"X30")		6.25	0021	01

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041	T15.0100 Cont.	STA. 135+43 LT R3-9B (24"X36")		6.00	0021	01
		STA. 135+43 LT R3-9CP (30"X12")		2.50	0021	01
		STA. 135+43 RT R3-9B (24"X36")		6.00	0021	01
		STA. 135+43 RT R3-9DP (30"X12")		2.50	0021	01
		STA. 141+55 LT R3-8 (30"X30")		6.25	0021	01
		STA. 143+25 RT R3-9B (24"X36")		6.00	0021	01
		STA. 143+25 RT R3-9CP (30"X12")		2.50	0021	01
		STA. 143+52 LT R3-9B (24"X36")		6.00	0021	01
		STA. 143+52 LT R3-9DP (30"X12")		2.50	0021	01
		STA. 145+78 LT W16-8P (36"X8")		2.00	0021	01
		STA. 145+78 LT W2-2 (30"X30")		6.25	0021	01
		STA. 155+69 LT R3-9B (24"X36")		6.00	0021	01
		STA. 155+69 LT R3-9CP (30"X12")		2.50	0021	01
		STA. 155+69 RT R3-9B (24"X36")		6.00	0021	01
		STA. 155+69 RT R3-9DP (30"X12")		2.50	0021	01
		STA. 157+61 RT R3-8 (30"X30")		6.25	0021	01
		STA. 159+83 LT R1-1 (30"X30")		6.25	0021	01
		STA. 160+40 RT R3-8 (30"X30")		6.25	0021	01
		STA. 162+47 LT R1-1 (30"X30")		6.25	0021	01
		STA. 166+10 LT R3-9B		6.00	0021	01

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
C1
Estimate Name - Addendum No. 1
R.I. Contract No. - 2018-CT-092
FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
041	T15.0100	Cont.	(24"X36")			
		STA. 166+10 LT R3-9DP		2.50	0021	01
		(30"X12")				
		STA. 166+10 RT R3-9B		6.00	0021	01
		(24"X36")				
		STA. 166+10 RT R3-9CP		2.50	0021	01
		(30"X12")				
		STA. 167+46 LT R1-1 (30"X30")			0021	01
		STA. 169+29 LT R1-1 (30"X30")			0021	01
		STA. 178+56 LT R3-9B		6.00	0021	01
		(24"X36")				
		STA. 178+56 LT R3-9CP		2.50	0021	01
		(30"X12")				
		STA. 178+56 RT R3-9B		6.00	0021	01
		(24"X36")				
		STA. 178+56 RT R3-9DP		2.50	0021	01
		(30"X12")				
		STA. 179+32 RT W16-8AP		3.50	0021	01
		(30"X15")				
		STA. 179+32 RT W2-1 (30"X30")		6.25	0021	01
		STA. 18+56 LT R3-8 (30"X30")		6.25	0021	01
		STA. 181+58 LT R3-8 (30"X30")		6.25	0021	01
		STA. 182+94 LT R3-8 (30"X30")		6.25	0021	01
		STA. 184+31 RT R3-8 (30"X30")		6.25	0021	01
		STA. 19+54 LT R3-9B (24"X36")		6.00	0021	01
		STA. 19+54 LT R3-9DP		2.50	0021	01
		(30"X12")				
		STA. 19+56 RT R3-9B (24"X36")		6.00	0021	01
		STA. 19+56 RT R3-9CP		2.50	0021	01
		(30"X12")				
		STA. 191+62 LT R3-8 (30"X30")		6.25	0021	01
		STA. 197+49 LT R3-8 (30"X30")		6.25	0021	01
		STA. 198+44 LT W16-8AP		3.50	0021	01

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
C1

Estimate Name - Addendum No. 1
R.I. Contract No. - 2018-CT-092
FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
041	T15.0100	Cont.	(30"X15")			
		STA. 198+44 LT W2-1	(30"X30")	6.25	0021	01
		STA. 198+47 RT W16-8P		2.00	0021	01
		(30"X8")				
		STA. 198+47 RT W2-2	(30"X30")	6.25	0021	01
		STA. 206+00 RT R3-9B		6.00	0021	01
		(24"X36")				
		STA. 206+00 RT R3-9CP		2.50	0021	01
		(30"X12")				
		STA. 206+33 LT R3-9B		6.00	0021	01
		(24"X36")				
		STA. 206+33 LT R3-9DP		2.50	0021	01
		(30"X12")				
		STA. 213+50 LT W16-8P		2.00	0021	01
		(30"X8")				
		STA. 213+50 LT W2-2	(30"X30")	6.25	0021	01
		STA. 220+95 LT R3-9B		6.00	0021	01
		(24"X36")				
		STA. 220+95 LT R3-9CP		2.50	0021	01
		(30"X12")				
		STA. 220+95 RT R3-9B		6.00	0021	01
		(24"X36")				
		STA. 220+95 RT R3-9DP		2.50	0021	01
		(30"X12")				
		STA. 241+91 RT W3-3	(30"X30")	6.25	0021	01
		STA. 247+57 LT R3-8	(30"X30")	6.25	0021	01
		STA. 248+51 RT R3-8	(30"X30")	6.25	0021	01
		STA. 25+82 RT R3-9B	(24"X36")	6.00	0021	01
		STA. 25+82 RT R3-9DP		2.50	0021	01
		(30"X12")				
		STA. 251+19 LT R3-8	(30"X30")	6.25	0021	01
		STA. 252+18 RT R3-8	(30"X30")	6.25	0021	01
		STA. 257+45 LT W3-3	(30"X30")	6.25	0021	01

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
C1

Estimate Name - Addendum No. 1
R.I. Contract No. - 2018-CT-092
FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
041	T15.0100	Cont.				
		STA. 26+08 LT R3-9B (24"X36")		6.00	0021	01
		STA. 26+08 LT R3-9CP (30"X12")		2.50	0021	01
		STA. 265+91 LT W3-5 (36"X36")		9.00	0021	01
		STA. 270+82 RT R4-2 (24"X30")		5.00	0021	01
		STA. 270+85 LT R4-1 (24"X30")		5.00	0021	01
		STA. 270+85 RT W14-3 (48"X48"X36")		6.00	0021	01
		STA. 28+06 RT R3-8 (30"X30")		6.25	0021	01
		STA. 287+23 LT R2-1 (24"X30")		5.00	0021	01
		STA. 287+68 RT R2-1 (24"X30")		5.00	0021	01
		STA. 290+27 RT R4-1 (24"X30")		5.00	0021	01
		STA. 290+30 LT W14-3 (48"X48"X36")		6.00	0021	01
		STA. 290+34 LT R4-2 (24"X30")		5.00	0021	01
		STA. 295+96 LT R3-9B (24"X36")		6.00	0021	01
		STA. 295+96 LT R3-9DP (30"X12")		2.50	0021	01
		STA. 296+93 RT R3-9B (24"X36")		6.00	0021	01
		STA. 296+93 RT R3-9CP(30"X12")		2.50	0021	01
		STA. 303+77 RT W16-8AP (30"X15")		3.50	0021	01
		STA. 303+77 RT W2-1 (30"X30")		6.25	0021	01
		STA. 307+75 LT R3-9B (24"X36")		6.00	0021	01
		STA. 307+80 RT R3-9B (24"X36")		6.00	0021	01
		STA. 31+02 LT R3-9B (24"X36")		6.00	0021	01
		STA. 31+02 LT R3-9DP (30"X12")		2.50	0021	01

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
C1

Estimate Name - Addendum No. 1
R.I. Contract No. - 2018-CT-092
FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
041	T15.0100	Cont.				
		STA. 31+19 RT R3-9B (24"X36")		6.00	0021	01
		STA. 31+19 RT R3-9CP (30"X12")		2.50	0021	01
		STA. 318+15 LT W16-8AP (30"X15")		3.50	0021	01
		STA. 318+15 LT W2-1 (30"X30")		6.25	0021	01
		STA. 324+06 RT R2-1 (24"X30")		5.00	0021	01
		STA. 324+11 LT R2-1 (24"X30")		5.00	0021	01
		STA. 34+03 RT R3-9B (24"X36")		6.00	0021	01
		STA. 34+03 RT R3-9DP (30"X12")		2.50	0021	01
		STA. 34+10 LT R3-9B (24"X36")		6.00	0021	01
		STA. 34+10 LT R3-9CP (30"X12")		2.50	0021	01
		STA. 340+25 LT R3-9B (24"X36")		6.00	0021	01
		STA. 340+25 RT R3-9B (24"X36")		6.00	0021	01
		STA. 347+15 LT R2-1 (24"X30")		5.00	0021	01
		STA. 348+84 RT R2-1 (24"X30")		5.00	0021	01
		STA. 355+00 LT R3-9B (24"X36")		6.00	0021	01
		STA. 355+00 RT R3-9B (24"X36")		6.00	0021	01
		STA. 369+70 RT R3-9B (24"X36")		6.00	0021	01
		STA. 369+70 RT R3-9DP(30"X12")		2.50	0021	01
		STA. 370+42 LT R3-9B (24"X36")		6.00	0021	01
		STA. 370+42 LT R3-9CP (30"X12")		2.50	0021	01
		STA. 53+90 LT R3-9B (24"X36")		6.00	0021	01

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
C1

Estimate Name - Addendum No. 1
R.I. Contract No. - 2018-CT-092
FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
041	T15.0100	Cont.				
		STA. 53+90 LT R3-9DP (30"X12")		2.50	0021	01
		STA. 53+90 RT R3-9CP (30"X12")		2.50	0021	01
		STA. 53+90RT R3-9B (24"X36")		6.00	0021	01
		STA. 64+88 LT R3-9B (24"X36")		6.00	0021	01
		STA. 64+88 RT R3-9B (24"X36")		6.00	0021	01
		STA. 79+88 LT R3-9B (24"X36")		6.00	0021	01
		STA. 79+88 RT R3-9B (24"X36")		6.00	0021	01
		STA. 92+80 LT R3-9B (24"X36")		6.00	0021	01
		STA. 92+80 RT R3-9B (24"X36")		6.00	0021	01
		US ROUTE 1				
		STA. 12+59 RT W1-4 (36"X36")		9.00	0021	01
		STA. 12+67 RT W1-4 (36"X36")		9.00	0021	01
		STA. 13+09 LT R3-1 (36"X36")		9.00	0021	01
		STA. 13+09 LT R6-1 (36"X12")		3.00	0021	01
		STA. 15+44 LT R3-1 (36"X36")		9.00	0021	01
		STA. 15+44 LT R6-1 (36"X12")		3.00	0021	01
		STA. 26+73 LT R1-1 (36"X36")		9.00	0021	01
		STA. 26+96 LT R1-1 (36"X36")		9.00	0021	01
		STA. 28+60 LT W1-4 (36"X36")		9.00	0021	01
		STA. 28+64 LT W1-4 (36"X36")		9.00	0021	01
		STA. 33+06 LT W16-8P (30"X8")		2.00	0021	01
		STA. 33+06 LT W2-2 (36"X36")		9.00	0021	01
		STA. 33+09 LT W16-8P (30"X8")		2.00	0021	01
		STA. 33+09 LT W2-2 (36"X36")		9.00	0021	01
		STA. 49+86 LT R3-9CP (30"X12")		2.50	0021	01
Item T15.0100 Total:				973.50		
042	T18.9901	GUARDRAIL DELINEATOR - RED	EACH			
		ROUTE 101				
		STA. 12+85 LT		1.00	0021	01

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
 C1
 Estimate Name - Addendum No. 1
 R.I. Contract No. - 2018-CT-092
 FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
042	T18.9901 Cont.	STA. 13+87 LT		1.00	0021	01
		STA. 265+86 RT		1.00	0021	01

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
C1

Estimate Name - Addendum No. 1
R.I. Contract No. - 2018-CT-092
FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
046	T20.2006 Cont.	STA. 451+08 TO STA. 451+97	RT	32.00	0021	01
		STA. 452+01 TO STA. 453+05	RT	100.00	0021	01
		STA. 453+65 TO STA. 455+89	LT	225.00	0021	01
		STA. 453+88 TO STA. 459+92	LT	603.00	0021	01
		STA. 453+89 TO STA. 460+20	RT	630.00	0021	01
		STA. 455+93 TO STA. 456+84	LT	32.00	0021	01
		ROUTE 2				
		STA. 100+51 TO STA. 137+80	RT	3,729.00	0021	01
		STA. 113+75 TO STA. 137+80	LT	2,405.00	0021	01
		STA. 135+92 TO STA. 136+80	RT	30.00	0021	01
		STA. 135+92 TO STA. 137+80	LT		0021	01
		STA. 136+80 TO STA. 137+80	RT	100.00	0021	01
		STA. 138+57 TO STA. 141+50	LT		0021	01
		STA. 138+57 TO STA. 141+50	LT	300.00	0021	01
		STA. 138+57 TO STA. 159+90	LT	2,137.00	0021	01
		STA. 138+57 TO STA. 159+90	RT	2,128.00	0021	01
		STA. 143+42 TO STA. 145+20	LT	60.00	0021	01
		STA. 155+97 TO STA. 157+69	RT	58.00	0021	01
		STA. 157+69 TO STA. 159+90	RT	221.00	0021	01
		STA. 16+33 TO STA. 18+53	LT	220.00	0021	01
		STA. 16+33 TO STA. 30+13	LT	1,380.00	0021	01
		STA. 16+47 TO STA. 30+13	RT	1,368.00	0021	01
		STA. 160+26 TO STA. 162+54	LT	229.00	0021	01
		STA. 160+26 TO STA. 162+54	RT	457.00	0021	01
		STA. 162+82 TO STA. 180+15	RT	1,733.00	0021	01
		STA. 162+82 TO STA. 186+08	LT	2,326.00	0021	01
		STA. 162+88 TO STA. 163+88	LT	100.00	0021	01
		STA. 163+91 TO STA. 164+87	LT	34.00	0021	01
		STA. 167+86 TO STA. 169+40	LT	154.00	0021	01
		STA. 169+70 TO STA. 186+08	LT	1,639.00	0021	01
		STA. 18+53 TO STA. 19+73	LT	32.00	0021	01
		STA. 180+47 TO STA. 181+58	LT	110.00	0021	01
		STA. 180+51 TO STA. 181+58	RT	107.00	0021	01

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
C1

Estimate Name - Addendum No. 1
R.I. Contract No. - 2018-CT-092
FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
046	T20.2006 Cont.	STA. 181+89 TO STA. 182+83	LT	100.00	0021	01
		STA. 181+89 TO STA. 186+28	RT	440.00	0021	01
		STA. 182+83 TO STA. 183+73	LT	30.00	0021	01
		STA. 182+89 TO STA. 183+39	LT		0021	01
		STA. 182+89 TO STA. 183+39	RT		0021	01
		STA. 183+01 TO STA. 184+31	RT	44.00	0021	01
		STA. 183+39 TO STA. 186+18	RT		0021	01
		STA. 184+31 TO STA. 186+18	RT	190.00	0021	01
		STA. 186+75 TO STA. 191+60	LT	487.00	0021	01
		STA. 186+80 TO STA. 205+22	LT	1,852.00	0021	01

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
C1

Estimate Name - Addendum No. 1
R.I. Contract No. - 2018-CT-092
FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
046	T20.2006	Cont.				
		STA. 186+85 TO STA. 249+21	RT	6,256.00	0021	01
		STA. 191+60 TO STA. 193+48	LT	62.00	0021	01
		STA. 194+61 TO STA. 195+47	LT	90.00	0021	01
		STA. 195+72 TO STA. 197+71	LT	200.00	0021	01
		STA. 197+71 TO STA. 198+72	LT	26.00	0021	01
		STA. 200+98 TO STA. 202+70	RT	58.00	0021	01
		STA. 202+73 TO STA. 205+21	RT	250.00	0021	01
		STA. 205+89 TO STA. 241+14	LT	3,515.00	0021	01
		STA. 23+66 TO STA. 25+29	RT	32.00	0021	01
		STA. 241+62 TO STA. 249+29	LT	768.00	0021	01
		STA. 246+86 TO STA. 247+57	LT	71.00	0021	01
		STA. 247+57 TO STA. 248+50	LT	30.00	0021	01
		STA. 247+57 TO STA. 248+50	RT	30.00	0021	01
		STA. 248+50 TO STA. 249+21	RT	71.00	0021	01
		STA. 249+97 TO STA. 252+96	LT	303.00	0021	01
		STA. 250+36 TO STA. 251+17	LT	81.00	0021	01
		STA. 250+36 TO STA. 311+31	RT	6,100.00	0021	01
		STA. 251+17 TO STA. 252+15	LT	30.00	0021	01
		STA. 251+17 TO STA. 252+15	RT	30.00	0021	01
		STA. 252+15 TO STA. 252+96	RT	80.00	0021	01
		STA. 253+26 TO STA. 309+23	LT	5,588.00	0021	01
		STA. 28+13 TO STA. 30+13	RT	200.00	0021	01
		STA. 309+59 TO STA. 312+36	LT	276.00	0021	01
		STA. 31+03 TO STA. 33+35	RT	323.00	0021	01
		STA. 31+03 TO STA. 34+25	LT	323.00	0021	01
		STA. 312+06 TO STA. 324+82	RT	1,276.00	0021	01
		STA. 312+72 TO STA. 373+58	LT	6,087.00	0021	01
		STA. 325+22 TO STA. 335+83	RT	1,061.00	0021	01
		STA. 336+13 TO STA. 351+25	RT	1,512.00	0021	01
		STA. 34+02 TO STA. 70+84	RT	3,689.00	0021	01
		STA. 34+74 TO STA. 51+30	LT	1,652.00	0021	01
		STA. 351+70 TO STA. 356+38	RT	468.00	0021	01
		STA. 356+78 TO STA. 371+68	RT	1,490.00	0021	01

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
C1

Estimate Name - Addendum No. 1
R.I. Contract No. - 2018-CT-092
FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
046	T20.2006 Cont.	STA. 49+31 TO STA. 50+30 RT		34.00	0021	01
		STA. 50+30 TO STA. 51+31 RT		101.00	0021	01
		STA. 51+76 TO STA. 52+76 LT		100.00	0021	01
		STA. 51+76 TO STA. 99+42 LT		4,760.00	0021	01
		STA. 52+76 TO STA. 53+77 LT		34.00	0021	01
		STA. 71+44 TO STA. 100+11 RT		2,871.00	0021	01
		STA. 99+68 TO STA. 113+50 LT		1,382.00	0021	01

US ROUTE 1

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
C1

Estimate Name - Addendum No. 1

R.I. Contract No. - 2018-CT-092

FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
046	T20.2006 Cont.	AS NEEDED		60.00	0021	01
Item T20.2006 Total:				83,430.00		
047	T20.2012	12 INCH EPOXY RESIN PAVEMENT	LF			
		MARKINGS WHITE				
		ROUTE 101				
		STA. 345+39 RT		13.00	0021	01
		STA. 346+24 LT		20.00	0021	01
		ROUTE 2				
		STA. 100+31 TO STA. 100+50 RT		19.00	0021	01
		STA. 138+30 TO STA. 138+53 RT		23.00	0021	01
		STA. 16+33		32.00	0021	01
		STA. 180+32 TO STA. 180+47 RT		15.00	0021	01
		STA. 181+71 TO STA. 181+86 RT		15.00	0021	01
		STA. 183+70 RT		27.00	0021	01
		STA. 185+34 LT		27.00	0021	01
		STA. 249+21		23.00	0021	01
		STA. 249+29 TO STA. 249+39		150.00	0021	01
		STA. 250+36		23.00	0021	01
		STA. 30+18 TO STA. 30+43 LT		24.00	0021	01
		STA. 30+72 TO STA. 30+86 RT		15.00	0021	01
		STA. 309+22 TO STA. 309+36 LT		14.00	0021	01
		STA. 311+46 TO STA. 311+77 RT		31.00	0021	01
		STA. 312+35 TO STA. 312+49 LT		14.00	0021	01
		STA. 324+97 TO STA. 325+18 RT		21.00	0021	01
		STA. 33+54 TO STA. 33+76 RT		22.00	0021	01
		STA. 34+29 TO STA. 34+48 LT		19.00	0021	01
		STA. 351+41 TO STA. 351+62 RT		21.00	0021	01
		STA. 356+53 TO STA. 356+73 RT		20.00	0021	01
		STA. 373+93 RT		20.00	0021	01
		STA. 51+24 TO STA. 51+53 LT		28.00	0021	01
		STA. 71+16 TO STA. 71+40 RT		24.00	0021	01
Item T20.2012 Total:				660.00		

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
C1

Estimate Name - Addendum No. 1
R.I. Contract No. - 2018-CT-092
FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
048	T20.2014	4 INCH EPOXY RESIN PAVEMENT	LF			
		MARKINGS YELLOW				
		PROJECT WIDE				
		AS NEEDED		36.00	0021	01
		ROUTE 101				
		STA. 10+00 TO STA. 17+06 LT		706.00	0021	01
		STA. 10+00 TO STA. 40+31 RT		3,012.00	0021	01
		STA. 109+94 TO STA. 122+24		2,460.00	0021	01
		STA. 122+69 TO STA. 161+10		7,676.00	0021	01
		STA. 161+10 TO STA. 166+57		1,883.00	0021	01
		STA. 167+17 TO STA. 173+47		2,044.00	0021	01
		STA. 17+41 TO STA. 26+71 RT		240.00	0021	01
		STA. 173+47 TO STA.193+98		4,100.00	0021	01
		STA. 194+74 TO STA. 208+26		2,703.00	0021	01
		STA. 208+31 TO STA. 209+47		80.00	0021	01
		STA. 209+49 TO STA. 223+50		3,594.00	0021	01
		STA. 224+29 TO STA. 229+88		1,741.00	0021	01
		STA. 230+41 TO STA. 233+15 RT		275.00	0021	01
		STA. 230+41 TO STA. 241+86 LT		1,145.00	0021	01
		STA. 233+45 TO STA. 241+55 RT		210.00	0021	01
		STA. 241+72 TO STA. 265+11 RT		2,338.00	0021	01
		STA. 242+25 LTO STA. 248+35		170.00	0021	01
		LT				
		STA. 248+50 TO STA. 265+11 LT		1,661.00	0021	01
		STA. 26+95 TO STA. 55+50 RT		2,855.00	0021	01
		STA. 265+74 TO STA. 277+13		2,277.00	0021	01
		STA. 277+77 TO STA. 284+21		1,288.00	0021	01
		STA. 284+24 TO STA. 285+76		104.00	0021	01
		STA. 285+81 TO STA. 302+06		3,248.00	0021	01
		STA. 302+64 TO STA. 336+59		6,789.00	0021	01
		STA. 337+29 TO STA. 345+39		1,620.00	0021	01
		STA. 346+24 TO STA. 354+24 LT		800.00	0021	01
		STA. 346+24 TO STA. 375+57 RT		2,933.00	0021	01

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
C1

Estimate Name - Addendum No. 1
R.I. Contract No. - 2018-CT-092
FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
048	T20.2014 Cont.	STA. 354+39 TO STA. 365+69 LT		290.00	0021	01
		STA. 366+04 TO STA. 375+57 LT		952.00	0021	01

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
C1
Estimate Name - Addendum No. 1
R.I. Contract No. - 2018-CT-092
FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
048	T20.2014 Cont.	STA. 375+62 TO STA. 377+08		100.00	0021	01
		STA. 377+12 TO STA. 401+45		4,866.00	0021	01
		STA. 40+35 TO STA. 49+65 LT		240.00	0021	01
		STA. 401+89 TO STA. 427+81		5,184.00	0021	01
		STA. 428+24 TO STA. 447+05		3,732.00	0021	01
		STA. 447+05 TO STA. 453+05		2,005.00	0021	01
		STA. 453+65 TO STA. 459+91		2,014.00	0021	01
		STA. 459+91 TO STA. 465+61		1,145.00	0021	01
		STA. 465+61 TO STA. 475+18 LT		789.00	0021	01
		STA. 465+96 TO STA. 473+26		190.00	0021	01
		STA. 473+16 TO STA. 475+18		168.00	0021	01
		STA. 475+68 TO STA. 477+50 LT		364.00	0021	01
		STA. 475+68 TO STA. 484+28 RT		678.00	0021	01
		STA. 477+84 TO STA. 483+94 LT		160.00	0021	01
		STA. 484+70 TO STA. 487+26 RT		256.00	0021	01
		STA. 485+05 TO STA. 487+15 LT		60.00	0021	01
		STA. 487+68 TO STA. 515+15		5,493.00	0021	01
		STA. 50+00 TO STA. 64+50 LT		1,450.00	0021	01
		STA. 55+76 TO STA. 64+26 RT		220.00	0021	01
		STA. 64+42 TO STA. 84+41 RT		2,099.00	0021	01
		STA. 64+85 TO STA. 79+35 LT		370.00	0021	01
		STA. 79+50 TO STA. 85+41		591.00	0021	01
		STA. 85+81 TO STA. 109+03		4,645.00	0021	01
		ROUTE 2				
		STA. 100+51 TO STA. 131+82 LT		780.00	0021	01
		STA. 100+51 TO STA. 131+82 RT		780.00	0021	01
		STA. 100+51 TO STA. 131+86 LT		3,541.00	0021	01
		STA. 100+51 TO STA. 131+86 RT		3,541.00	0021	01
		STA. 113+72 TO STA. 131+10 LT			0021	01
		STA. 113+72 TO STA. 131+10 RT			0021	01
		STA. 113+72 TO STA. 131+11 LT			0021	01
		STA. 113+72 TO STA. 131+11 RT			0021	01

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
C1

Estimate Name - Addendum No. 1
R.I. Contract No. - 2018-CT-092
FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
048	T20.2014 Cont.	STA. 131+11 TO STA. 135+67			0021	01
		STA. 135+85 TO STA. 137+80 LT		572.00	0021	01
		STA. 138+57 TO STA. 143+43		1,337.00	0021	01
		STA. 143+43 TO STA. 155+82 LT		320.00	0021	01
		STA. 143+43 TO STA. 155+82 RT		320.00	0021	01
		STA. 143+43 TO STA. 155+89 LT		1,250.00	0021	01
		STA. 143+43 TO STA. 155+89 RT		1,250.00	0021	01
		STA. 155+89 TO STA. 159+90		1,129.00	0021	01
		STA. 16+33 TO STA. 19+59		848.00	0021	01
		STA. 160+26 TO STA. 162+54 LT		457.00	0021	01
		STA. 162+82 TO STA.		991.00	0021	01
		165+90 STA. 162+82 TO STA.				
		165+90				
		STA. 165+95 TO STA. 178+76 LT		320.00	0021	01
		STA. 165+95 TO STA. 178+76 RT		320.00	0021	01
		STA. 165+95 TO STA. 178+77 LT		1,282.00	0021	01
		STA. 165+95 TO STA. 178+77 RT		1,282.00	0021	01
		STA. 178+77 TO STA. 180+21		584.00	0021	01
		STA. 180+47 TO STA. 181+58 RT		222.00	0021	01
		STA. 181+89 TO STA. 182+83 RT		188.00	0021	01
		STA. 182+89 TO STA. 184+31		555.00	0021	01
		STA. 184+31 TO STA. 186+39 LT		375.00	0021	01
		STA. 186+75 TO STA. 194+38		2,043.00	0021	01
		STA. 19+59 TO STA. 23+48 LT		100.00	0021	01
		STA. 19+59 TO STA. 23+48 RT		100.00	0021	01
		STA. 19+59 TO STA. 23+58 LT		398.00	0021	01
		STA. 19+59 TO STA. 23+58 RT		398.00	0021	01
		STA. 194+60 TO STA. 195+47 RT		173.00	0021	01
		STA. 195+72 TO STA. 205+21		2,843.00	0021	01
		STA. 205+60 TO STA. 206+33		315.00	0021	01
		STA. 206+27 TO STA. 221+15 LT		1,485.00	0021	01
		STA. 206+27 TO STA. 221+15 RT		1,490.00	0021	01
		STA. 206+30 TO STA. 221+15 LT		370.00	0021	01

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
C1

Estimate Name - Addendum No. 1
R.I. Contract No. - 2018-CT-092
FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
048	T20.2014 Cont.	STA. 206+30 TO STA. 221+15 RT		370.00	0021	01
		STA. 208+81 TO STA. 221+14 LT			0021	01
		STA. 208+81 TO STA. 221+14 RT			0021	01
		STA. 208+81 TO STA. 221+15 LT			0021	01
		STA. 208+81 TO STA. 221+15 RT			0021	01
		STA. 221+15 TO STA. 223+89		1,049.00	0021	01

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
C1

Estimate Name - Addendum No. 1
R.I. Contract No. - 2018-CT-092
FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
048	T20.2014 Cont.	STA. 223+89 TO STA. 241+17		3,430.00	0021	01
		STA. 23+58 TO STA. 30+13		1,638.00	0021	01
		STA. 241+57 TO STA. 246+26		1,496.00	0021	01
		STA. 246+86 TO STA. 249+21		470.00	0021	01
		STA. 250+36 TO STA. 252+96		520.00	0021	01
		STA. 253+25 TO STA. 270+50		3,997.00	0021	01
		STA. 270+50 TO STA. 290+00		500.00	0021	01
		STA. 290+25 TO STA. 295+85		1,665.00	0021	01
		STA. 295+71 TO STA. 309+22 LT		340.00	0021	01
		STA. 295+71 TO STA. 309+22 RT		340.00	0021	01
		STA. 295+71 TO STA. 309+23 LT		1,347.00	0021	01
		STA. 295+71 TO STA. 309+23 RT		1,357.00	0021	01
		STA. 309+59 TO STA. 311+32 LT		40.00	0021	01
		STA. 309+59 TO STA. 311+32 RT		40.00	0021	01
		STA. 309+59 TO STA. 311+33 LT		173.00	0021	01
		STA. 309+59 TO STA. 311+33 RT		173.00	0021	01
		STA. 31+03 TO STA. 34+25 LT		80.00	0021	01
		STA. 31+03 TO STA. 34+25 RT		80.00	0021	01
		STA. 31+03 TO STA. 34+26 LT		322.00	0021	01
		STA. 31+03 TO STA. 34+26 RT		322.00	0021	01
		STA. 311+33 TO STA. 311+47 RT		52.00	0021	01
		STA. 311+63 TO STA. 312+35 LT		20.00	0021	01
		STA. 311+63 TO STA. 312+35 RT		20.00	0021	01
		STA. 311+63 TO STA. 312+36 LT		72.00	0021	01
		STA. 311+63 TO STA. 312+36 RT		72.00	0021	01
		STA. 312+72 TO STA. 324+81 LT		300.00	0021	01
		STA. 312+72 TO STA. 324+81 RT		300.00	0021	01
		STA. 312+72 TO STA. 324+82 LT		1,210.00	0021	01
		STA. 312+72 TO STA. 324+82 RT		1,210.00	0021	01
		STA. 325+21 TO STA. 335+82 LT		260.00	0021	01
		STA. 325+21 TO STA. 335+82 RT		260.00	0021	01
		STA. 325+21 TO STA. 335+83 LT		1,061.00	0021	01
		STA. 325+21 TO STA. 335+83 RT		1,061.00	0021	01

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
C1

Estimate Name - Addendum No. 1
R.I. Contract No. - 2018-CT-092
FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
048	T20.2014 Cont.	STA. 336+13 TO STA. 351+24 LT		370.00	0021	01
		STA. 336+13 TO STA. 351+24 RT		370.00	0021	01
		STA. 336+13 TO STA. 351+25 LT		1,512.00	0021	01
		STA. 336+13 TO STA. 351+25 RT		1,512.00	0021	01
		STA. 34+74 TO STA. 47+05		2,996.00	0021	01
		STA. 351+70 TO STA. 356+37 LT		120.00	0021	01
		STA. 351+70 TO STA. 356+37 RT		120.00	0021	01
		STA. 351+70 TO STA. 356+38 LT		468.00	0021	01
		STA. 351+70 TO STA. 356+38 RT		468.00	0021	01
		STA. 356+78 TO STA. 370+73 LT		350.00	0021	01
		STA. 356+78 TO STA. 370+73 RT		350.00	0021	01
		STA. 356+78 TO STA. 370+74 LT		1,396.00	0021	01
		STA. 356+78 TO STA. 370+74 RT		1,396.00	0021	01
		STA. 370+75 TO STA. 373+93		1,043.00	0021	01
		STA. 39+63 TO STA. 47+05			0021	01
		STA. 47+05 TO STA. 51+31		1,449.00	0021	01
		STA. 49+81 TO STA. 51+30 LT			0021	01
		STA. 49+82 TO STA. 51+30 RT			0021	01
		STA. 49+82 TO STA. 51+31 RT			0021	01
		STA. 49+84 TO STA. 51+30 LT			0021	01
		STA. 51+76 TO STA. 53+86		641.00	0021	01
		STA. 51+76 TO STA. 70+83 LT			0021	01
		STA. 51+76 TO STA. 70+83 RT			0021	01
		STA. 51+76 TO STA. 70+84 LT			0021	01
		STA. 51+76 TO STA. 70+84 RT			0021	01
		STA. 53+80 TO STA. 70+84 LT		1,704.00	0021	01
		STA. 53+80 TO STA. 70+84 RT		1,704.00	0021	01
		STA. 53+86 TO STA. 70+84 LT		430.00	0021	01
		STA. 53+86 TO STA. 70+84 RT		430.00	0021	01
		STA. 71+44 TO STA. 99+51 LT		2,806.00	0021	01
		STA. 71+44 TO STA. 99+52 LT		700.00	0021	01
		STA. 71+44 TO STA. 99+60 RT		700.00	0021	01
		STA. 71+44 TO STA. 99+61 RT		2,818.00	0021	01

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
 C1
 Estimate Name - Addendum No. 1
 R.I. Contract No. - 2018-CT-092
 FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
048	T20.2014 Cont.	STA. 99+68 TO STA. 113+50 LT		1,382.00	0021	01
		STA. 99+72 TO STA. 100+17		200.00	0021	01
		US ROUTE 1				
		AS NEEDED		60.00	0021	01
Item T20.2014 Total:				181,150.00		

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
 C1
 Estimate Name - Addendum No. 1
 R.I. Contract No. - 2018-CT-092
 FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
049	T20.2019	12 INCH EPOXY RESIN PAVEMENT	LF			
		MARKINGS YELLOW				
		ROUTE 101				
		STA. 161+31 TO STA. 165+27		287.00	0021	01
		STA. 169+37 TO STA. 172+97		270.00	0021	01
		STA. 218+84 TO STA. 222+25		348.00	0021	01
		STA. 224+34 TO STA. 227+00		233.00	0021	01
		STA. 448+43 TO STA. 451+90		286.00	0021	01
		STA. 455+09 TO STA. 458+47		279.00	0021	01
		ROUTE 2				
		STA. 135+87 TO STA. 136+63		63.00	0021	01
		STA. 143+76 TO STA. 145+28		117.00	0021	01
		STA. 155+89 TO STA. 157+40		115.00	0021	01
		STA. 164+07 TO STA. 165+88TSA. 164+07 TO STA. 165+88TSA. 164+07 TO STA. 165+88TSA. 164+07 TO STA. 165+88		206.00	0021	01
		STA. 178+77 TO STA. 180+18		197.00	0021	01
		STA. 18+71 TO STA. 19+52 RT		63.00	0021	01
		STA. 182+99 TO STA. 184+09		41.00	0021	01
		STA. 191+99 TO STA. 194+35		216.00	0021	01
		STA. 197+88 TO STA. 202+41		487.00	0021	01
		STA. 205+66 TO STA. 206+26		85.00	0021	01
		STA. 221+15 TO STA. 223+29		175.00	0021	01
		STA. 23+58 TO STA. 24+99		114.00	0021	01
		STA. 243+80 TO STA. 246+24		192.00	0021	01
		STA. 253+26 TO STA. 255+76		185.00	0021	01
		STA. 293+45 TO STA. 295+85		196.00	0021	01
		STA. 34+70 TO STA. 37+03		185.00	0021	01
		STA. 370+88 TO STA. 372+58		138.00	0021	01
		STA. 47+48 TO STA. 51+13		197.00	0021	01
		STA. 52+92 TO STA. 53+85		85.00	0021	01

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
C1

Estimate Name - Addendum No. 1
R.I. Contract No. - 2018-CT-092
FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
049	T20.2019 Cont.	STA. 99+73 TO STA. 100+16		60.00	0021	01
Item T20.2019 Total:				4,820.00		
050	T20.2020	EPOXY RESIN PAVEMENT ARROW - STRAIGHT, LEFT, RIGHT, OR COMBINED STANDARD 20.1.0 ROUTE 101	EACH			

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
 C1
 Estimate Name - Addendum No. 1
 R.I. Contract No. - 2018-CT-092
 FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
050	T20.2020 Cont.	STA. 165+22		1.00	0021	01
		STA. 166+40		1.00	0021	01
		STA. 167+35		1.00	0021	01
		STA. 169+04		1.00	0021	01
		STA. 221+62		1.00	0021	01
		STA. 222+47		1.00	0021	01
		STA. 223+32		1.00	0021	01
		STA. 451+17		1.00	0021	01
		STA. 452+82		1.00	0021	01
		STA. 453+85		1.00	0021	01
		STA. 454+67		1.00	0021	01
		ROUTE 2				
		STA. 100+71		1.00	0021	01
		STA. 100+91		1.00	0021	01
		STA. 104+90		1.00	0021	01
		STA. 105+10		1.00	0021	01
		STA. 108+90		1.00	0021	01
		STA. 109+10		1.00	0021	01
		STA. 113+12		1.00	0021	01
		STA. 113+32		1.00	0021	01
		STA. 116+69		1.00	0021	01
		STA. 116+90		1.00	0021	01
		STA. 118+10		1.00	0021	01
		STA. 118+30		1.00	0021	01
		STA. 120+40		1.00	0021	01
		STA. 120+60		1.00	0021	01
		STA. 122+09		1.00	0021	01
		STA. 126+40		1.00	0021	01
		STA. 126+60		1.00	0021	01
		STA. 130+39		1.00	0021	01
		STA. 130+60		1.00	0021	01
		STA. 133+89		1.00	0021	01
		STA. 134+09		1.00	0021	01

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
 C1
 Estimate Name - Addendum No. 1
 R.I. Contract No. - 2018-CT-092
 FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
050	T20.2020	Cont.	STA. 136+90	1.00	0021	01

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
 C1
 Estimate Name - Addendum No. 1
 R.I. Contract No. - 2018-CT-092
 FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
050	T20.2020 Cont.	STA. 137+70		1.00	0021	01
		STA. 138+69		1.00	0021	01
		STA. 139+57		1.00	0021	01
		STA. 140+47		1.00	0021	01
		STA. 141+32		1.00	0021	01
		STA. 143+67		1.00	0021	01
		STA. 143+88		1.00	0021	01
		STA. 147+41		1.00	0021	01
		STA. 147+59		1.00	0021	01
		STA. 151+13		1.00	0021	01
		STA. 151+32		1.00	0021	01
		STA. 154+91		1.00	0021	01
		STA. 155+10		1.00	0021	01
		STA. 157+74		1.00	0021	01
		STA. 158+77		1.00	0021	01
		STA. 159+67		1.00	0021	01
		STA. 16+54		1.00	0021	01
		STA. 160+55		1.00	0021	01
		STA. 161+48		1.00	0021	01
		STA. 162+32		1.00	0021	01
		STA. 163+03		1.00	0021	01
		STA. 163+82		1.00	0021	01
		STA. 166+40		1.00	0021	01
		STA. 166+60		1.00	0021	01
		STA. 17+17		1.00	0021	01
		STA. 17+79		1.00	0021	01
		STA. 170+40		1.00	0021	01
		STA. 170+60		1.00	0021	01
		STA. 173+52		1.00	0021	01
		STA. 173+72		1.00	0021	01
		STA. 177+91		1.00	0021	01
		STA. 178+11		1.00	0021	01
		STA. 18+45		1.00	0021	01

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
 C1
 Estimate Name - Addendum No. 1
 R.I. Contract No. - 2018-CT-092
 FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
050	T20.2020 Cont.	STA. 180+54		1.00	0021	01
		STA. 181+39		1.00	0021	01

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
 C1
 Estimate Name - Addendum No. 1
 R.I. Contract No. - 2018-CT-092
 FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
050	T20.2020 Cont.	STA. 182+05		1.00	0021	01
		STA. 182+79		1.00	0021	01
		STA. 183+43		1.00	0021	01
		STA. 185+15		1.00	0021	01
		STA. 185+96		1.00	0021	01
		STA. 186+97		1.00	0021	01
		STA. 188+40		1.00	0021	01
		STA. 190+19		1.00	0021	01
		STA. 191+57		1.00	0021	01
		STA. 194+68		1.00	0021	01
		STA. 195+37		1.00	0021	01
		STA. 195+78		1.00	0021	01
		STA. 197+42		1.00	0021	01
		STA. 20+44		1.00	0021	01
		STA. 20+65		1.00	0021	01
		STA. 202+89		1.00	0021	01
		STA. 204+01		1.00	0021	01
		STA. 204+99		1.00	0021	01
		STA. 206+55		1.00	0021	01
		STA. 206+75		1.00	0021	01
		STA. 209+29		1.00	0021	01
		STA. 209+49		1.00	0021	01
		STA. 214+90		1.00	0021	01
		STA. 215+10		1.00	0021	01
		STA. 220+38		1.00	0021	01
		STA. 220+58		1.00	0021	01
		STA. 24+52		1.00	0021	01
		STA. 24+73		1.00	0021	01
		STA. 247+03		1.00	0021	01
		STA. 247+45		1.00	0021	01
		STA. 248+66		1.00	0021	01
		STA. 248+99		1.00	0021	01
		STA. 251+01		1.00	0021	01

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
 C1
 Estimate Name - Addendum No. 1
 R.I. Contract No. - 2018-CT-092
 FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
050	T20.2020 Cont.	STA. 252+28		1.00	0021	01
		STA. 252+73		1.00	0021	01

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
 C1
 Estimate Name - Addendum No. 1
 R.I. Contract No. - 2018-CT-092
 FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
050	T20.2020 Cont.	STA. 332+69		1.00	0021	01
		STA. 335+33		1.00	0021	01
		STA. 335+53		1.00	0021	01
		STA. 336+24		1.00	0021	01
		STA. 336+45		1.00	0021	01
		STA. 34+07		1.00	0021	01
		STA. 340+13		1.00	0021	01
		STA. 340+33		1.00	0021	01
		STA. 344+14		1.00	0021	01
		STA. 344+34		1.00	0021	01
		STA. 347+67		1.00	0021	01
		STA. 347+87		1.00	0021	01
		STA. 350+91		1.00	0021	01
		STA. 351+11		1.00	0021	01
		STA. 351+83		1.00	0021	01
		STA. 352+03		1.00	0021	01
		STA. 356+06		1.00	0021	01
		STA. 356+26		1.00	0021	01
		STA. 356+93		1.00	0021	01
		STA. 357+13		1.00	0021	01
		STA. 360+92		1.00	0021	01
		STA. 361+12		1.00	0021	01
		STA. 365+28		1.00	0021	01
		STA. 365+48		1.00	0021	01
		STA. 369+92		1.00	0021	01
		STA. 370+12		1.00	0021	01
		STA. 50+46		1.00	0021	01
		STA. 51+25		1.00	0021	01
		STA. 51+95		1.00	0021	01
		STA. 52+61		1.00	0021	01
		STA. 56+05		1.00	0021	01
		STA. 56+25		1.00	0021	01
		STA. 59+89		1.00	0021	01

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
 C1
 Estimate Name - Addendum No. 1
 R.I. Contract No. - 2018-CT-092
 FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
050	T20.2020 Cont.	STA. 60+65		1.00	0021	01
		STA. 64+06		1.00	0021	01

Distribution of Quantities

Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
 C1
 Estimate Name - Addendum No. 1
 R.I. Contract No. - 2018-CT-092
 FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
050	T20.2020 Cont.	STA. 64+26		1.00	0021	01
		STA. 67+89		1.00	0021	01
		STA. 68+09		1.00	0021	01
		STA. 70+38		1.00	0021	01
		STA. 70+58		1.00	0021	01
		STA. 71+65		1.00	0021	01
		STA. 71+85		1.00	0021	01
		STA. 74+63		1.00	0021	01
		STA. 74+84		1.00	0021	01
		STA. 78+64		1.00	0021	01
		STA. 78+84		1.00	0021	01
		STA. 82+60		1.00	0021	01
		STA. 82+80		1.00	0021	01
		STA. 86+65		1.00	0021	01
		STA. 86+85		1.00	0021	01
		STA. 90+55		1.00	0021	01
		STA. 90+77		1.00	0021	01
		STA. 95+07		1.00	0021	01
		STA. 95+27		1.00	0021	01
		STA. 99+12		1.00	0021	01
		STA. 99+32		1.00	0021	01
Item T20.2020 Total:				192.00		
051	T13.1000	TRAFFIC DETECTORS-LOOP, STANDARD	LF			
		19.6.0				
		ROUTE 2				
		AS NEEDED		5.00	0021	01
		STA. 16+28		125.00	0021	01
		STA. 16+28 LT		115.00	0021	01
		STA. 248+86		125.00	0021	01
		STA. 248+86 RT		115.00	0021	01
		STA. 250+31		145.00	0021	01
		STA. 250+31 LT		140.00	0021	01

Distribution of Quantities

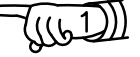
Project Name - Roadway Departure Mitigation - Non-Freeway Roadside Improvements 2019
 C1
 Estimate Name - Addendum No. 1
 R.I. Contract No. - 2018-CT-092
 FAP Nos: STPG-HSIP(054)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
051	T13.1000	Cont.				
Item T13.1000 Total:				770.00		

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI			5	55

R-1

JOB SPECIFIC LEGEND:

- (19.6.0)** INDUCTANCE LOOP VEHICLE DETECTOR 
- (20.1.0)** PAVEMENT MARKINGS - ARROWS AND ONLY
- (20.3.0)** PAVEMENT MARKINGS - CROSSWALK (10' WIDTH)
- (34.1.0M)** ROADSIDE GUARDRAIL INSTALLATION MODIFIED (SEE DETAIL)
- (34.2.0M)** STEEL BEAM GUARDRAIL SINGLE FACE (MASH)
- (4BY)** 4 INCH BROKEN YELLOW LANE LINE MARKING
- (4DY)** 4 INCH DOUBLE YELLOW CENTER LINE MARKING
- (4DSY)** INTERSECTION DOUBLE YELLOW GUIDE LINE MARKING (SEE DETAIL)
- (6DSW)** INTERSECTION WHITE GUIDE LINE MARKING (SEE DETAIL)
- (CLRS)** CENTERLINE RUMBLE STRIP
- (DT)** REMOVE AND DISPOSE TREE
- (ETEA)** GUARDRAIL END TREATMENT - ENERGY ABSORBING TERMINAL (MASH)
- (ETP)** GUARDRAIL END TREATMENT PLATFORM
- (GDC)** GUARDRAIL END DELINEATOR - GREEN
- (GDR)** GUARDRAIL END DELINEATOR - RED
- (GHT)** GUARDRAIL HEIGHT TRANSITION
- (HFST)** HIGH FRICTION SURFACE TREATMENT
- (IP)** INLET PROTECTION
- (MED)** MEDIAN STRIPING (SEE DETAIL)
- (PMG)** PLACEMENT OF MILLINGS BELOW GUARDRAIL
- (RCCB)** RECONSTRUCT CATCH BASIN/CORBEL CONES
- (TWLTL)** TWO-WAY LEFT TURN LANE PAVEMENT MARKINGS (SEE DETAIL)

GENERAL NOTES:

- BASEPLAN INFORMATION WAS GENERATED FROM FIELD EDITS BY VHB IN AUGUST 2016 AND MARCH 2018.
- AERIAL PHOTOGRAPHY SHOWN IS 2014 RIGIS PHOTOGRAMMETRY.
- THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS OF ALL EXISTING UTILITIES AND SERVICE CONNECTIONS BOTH UNDERGROUND AND OVERHEAD IN ACCORDANCE WITH DIG SAFE AND THE TOWNS PRIOR TO COMMENCING ANY WORK THAT MAY IMPACT UTILITIES IN THAT AREA. ANY DAMAGE TO UTILITIES, WHICH ARE DETAILED BY DIG SAFE OR SHOWN ON THE PLANS ARE THE CONTRACTOR'S RESPONSIBILITY. THE COST TO REPAIR SUCH DAMAGE SHALL BE BORNE BY THE CONTRACTOR.
- THE BASELINES SHOWN ARE GRAPHICAL ONLY AND INTENDED TO BE USED FOR LOCATING AND ESTIMATING QUANTITIES.

GENERAL NOTES - GUARDRAIL:

- ALL DIMENSIONS OF STANDARD GUARDRAIL COMPONENTS, INCLUDING PANELS, POSTS, OFFSET BLOCKS, BOLTS, NUTS, WASHERS AND HOLES, ARE BASED UPON ENGLISH UNIT CONVERSIONS OF THE AASHTO-AGC JOINT COMMITTEE TASK FORCE 13 REPORT: A GUIDE TO STANDARDIZING HIGHWAY BARRIER HARDWARE ([HTTP://WWW.AASHTOF13.ORG/BARRIER-HARDWARE_PHE](http://www.aashtof13.org/BARRIER-HARDWARE_PHE))
- GUARDRAIL SHALL BE INSTALLED IN ACCORDANCE WITH MODIFIED RIDOT STANDARD DETAIL 34.1.0 AS SHOWN ON THE DETAIL PLAN NO. 2.
- APPROVAL BY THE ENGINEER IS REQUIRED WHERE A DIFFERING GUARDRAIL CONFIGURATION IS REQUIRED FOR CONSTRUCTABILITY BEYOND THE OPTIONS SHOWN IN THESE STANDARDS OR THE PLANS.
- USE 12"-6" NOMINAL LENGTH PANELS UNLESS OTHERWISE INDICATED IN THESE STANDARDS OR THE PLANS.
- ALL LAP SPLICES SHALL BE MIDSPAN UNLESS OTHERWISE SHOWN.
- LAP SPLICES SHALL BE CONSTRUCTED WITH THE SPLICE RIDGE ORIENTED DOWNSTREAM OF THE FINAL DIRECTION OF TRAFFIC IN THE NEAREST TRAVEL LANE.
- STANDARD POSTS SHALL BE STEEL OR TIMBER, UNLESS OTHERWISE INDICATED IN THE PLANS, FABRICATED TO THE DIMENSIONS SHOWN ON POST AND OFFSET BLOCK DETAILS. POSTS OF A SINGLE MATERIAL TYPE SHALL BE USED THROUGHOUT AN ENTIRE RUN OF GUARDRAIL; EXCEPTIONS ARE ALLOWED ONLY WHEN SPECIFIC MATERIAL TYPES ARE REQUIRED FOR TRANSITIONS, END TREATMENTS, AND/OR ANCHORAGES.
- OFFSET BLOCKS, WHERE REQUIRED, SHALL BE TIMBER AND FABRICATED TO THE NOMINAL DIMENSIONS SHOWN ON POST AND OFFSET BLOCK DETAILS. PLASTIC OR COMPOSITE OFFSET BLOCKS OF THE SAME NOMINAL DIMENSIONS THAT ARE LISTED ON THE QUALIFIED CONSTRUCTION MATERIALS LIST MAY BE SUBSTITUTED. OFFSET BLOCKS OF A SINGLE MATERIAL TYPE SHALL BE USED THROUGHOUT AN ENTIRE RUN OF GUARDRAIL; EXCEPTIONS ARE ALLOWED ONLY WHEN SPECIFIC MATERIAL TYPES ARE REQUIRED FOR TRANSITIONS, END TREATMENTS, AND/OR ANCHORAGES.
- MILLINGS, WHERE CALLED, SHALL CONFORM TO SECTION 213 OF THE RI STANDARD SPECIFICATIONS.
- GUARDRAIL DELINEATORS, CONFORMING TO SECTION 901 SHALL BE INSTALLED AT 25' INTERVALS WITHIN 100' OF END TREATMENT OR TRAILING ANCHORAGE AND AT 100' INTERVALS IN ALL OTHER AREAS UNLESS OTHERWISE SHOWN IN THE PLANS.
- MINIMAL OFFSET DISTANCE FROM FACE OF W-BEAM PANEL TO A FIXED (NON-BREAKAWAY) OBJECT SHALL BE 60" FOR TL-3.
- THE CONTRACTOR SHALL NOTE THAT THE REQUIRED INSTALLATION OF REFLECTORIZED DELINEATORS ON ALL GUARDRAIL AND GUARDRAIL END TREATMENTS SHALL BE INCIDENTAL TO THE COST OF THE GUARDRAIL ITEM. NO SEPARATE PAYMENT WILL BE MADE FOR THE REFLECTORIZED DELINEATORS. DELINEATION STICKERS ARE ALSO REQUIRED ON ALL APPROACH END SECTIONS, AND SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE GUARDRAIL END TREATMENT.
- WHERE EXISTING GUARDRAIL POSTS ARE REMOVED AND NO NEW GUARDRAIL IS INSTALLED, THE POST HOLES SHALL BE FILLED WITH COMMON BORROW. PLANTABLE SOIL AND SEED SHALL BE SPREAD ACROSS THE FILLED HOLES. THIS SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE REMOVAL OF THE EXISTING GUARDRAIL.
- THERE WILL BE NO DIRECT PAYMENT FOR ANY HARDWARE, UNLESS OTHERWISE NOTED, REQUIRED TO PROPERLY COMPLETE THE INSTALLATION OF GUARDRAIL IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, STANDARD DETAILS, OR SPECIAL DETAILS CONTAINED IN THE CONTRACT. HARDWARE SHALL INCLUDE, BUT IS NOT LIMITED TO, ALL NUTS, BOLTS, AND WASHERS.
- THE CONTRACTOR SHALL UTILIZE UNANCHORED PRECAST CONCRETE BARRIER (RI STD. 40.5.0) AND A NARROW CONDITION IMPACT ATTENUATOR TO PROTECT ANY GUARDRAIL BLUNT ENDS DURING NON WORKING HOURS UNTIL ALL GUARDRAIL CONNECTIONS HAVE BEEN MADE AND ALL GUARDRAIL END TREATMENTS HAVE BEEN INSTALLED.
- ALL GUARDRAIL MATERIALS SHALL CONFORM TO SECTION M.08 OF THE RI STANDARD SPECIFICATIONS, UNLESS OTHERWISE INDICATED.

GENERAL NOTES - SIGNS:

- ALL NEW DIRECTIONAL, REGULATORY, WARNING, GUIDE SIGNS AND PARKING SIGNS SHALL HAVE SIGN SUPPORTS. UNLESS OTHERWISE INDICATED, SIGN MOUNTINGS SHALL BE R.I. STD. 24.2.0 OR 24.6.0 AS APPROPRIATE.
- PRIOR TO INSTALLATION, ALL SIGNS, MOUNTINGS AND LOCATIONS SHALL BE APPROVED OR MODIFIED BY THE RIDOT.
- ALL SIGNS SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 7' OVER THE SIDEWALK.
- ALL SIGN RADII AND BORDERS SHALL BE AS SPECIFIED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS AMENDED.
- TEMPORARY CONSTRUCTION SIGN PANELS SHALL BE 3/4" THICK EXTERIOR GRADE PLYWOOD CONFORMING TO SECTION M-19 OF THE STANDARD SPECIFICATIONS.

GENERAL NOTES - PAVEMENT MARKINGS:

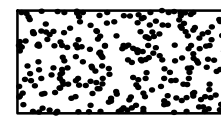
- ALL PERMANENT PAVEMENT MARKINGS FOR THIS PROJECT SHALL BE EPOXY RESIN. PAVEMENT MARKINGS SHALL BE PLACED ON THE FINAL SURFACE COURSE NO SOONER THAN 2 WEEKS BUT NO LONGER THAN 4 WEEKS FROM COMPLETION OF PAVING OPERATIONS.
- THE LOCATION OF PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) 2009 EDITION, AS AMENDED.
- WHERE EXISTING PAVEMENT MARKINGS CONFLICT WITH PROPOSED PAVEMENT MARKINGS, EXISTING MARKINGS SHALL BE REMOVED BY METHOD APPROVED BY THE RIDOT.
- LIMITS OF PROPOSED PAVEMENT MARKINGS SHALL MEET EXISTING STRIPING, UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL VERIFY AND RECORD PAVEMENT MARKING LOCATIONS PRIOR TO ANY PAVEMENT REMOVAL. MARKINGS SHALL BE REPLACED IN ORIGINAL LOCATIONS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

JOB SPECIFIC PLAN SYMBOLS:

EXISTING

NEW

HIGH FRICTION SURFACE TREATMENT



TYPICAL SIGN DESIGNATION SYMBOL

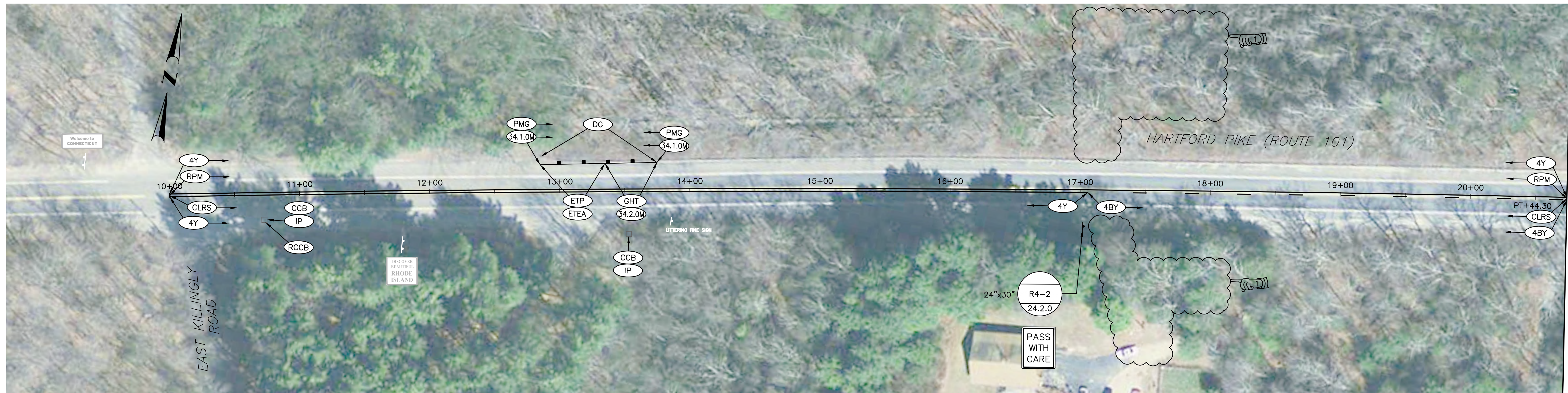


24.2.0 = R.I. STD. 24.2.0
EXIST = ATTACH TO EXISTING STRUCTURE

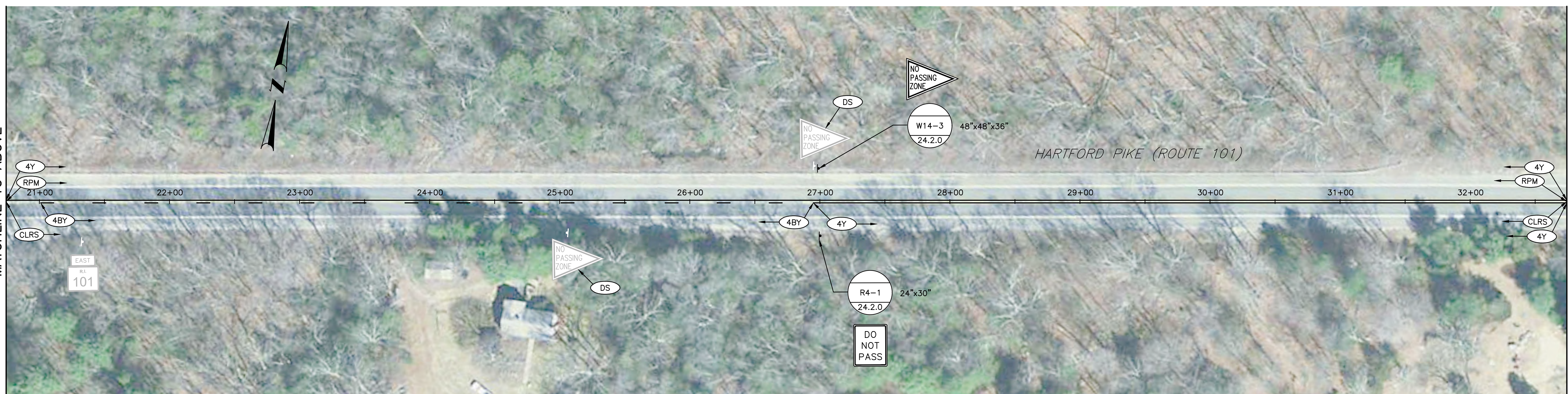


REVISIONS			RHODE ISLAND	
NO.	DATE	BY	DEPARTMENT OF TRANSPORTATION	
1	12/6/18	VHB	ROADWAY DEPARTURE MITIGATION - NON-FREEWAY ROADSIDE IMPROVEMENTS 2019 C1	
			STATEWIDE	RHODE ISLAND
			JOB SPECIFIC PLAN SYMBOLS, LEGEND & NOTES	
CHECKED BY _____		DATE _____	SCALE _____	

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI			10	55



MATCHLINE TO BELOW



MATCHLINE TO GENERAL PLAN NO. 2



REVISIONS		
NO.	DATE	BY
1	12/6/18	VHB

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

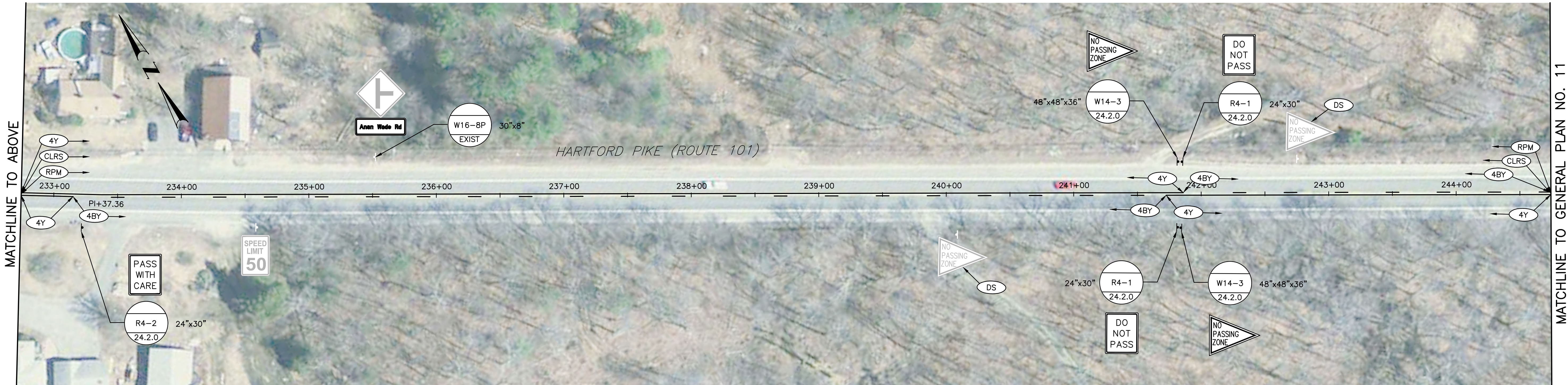
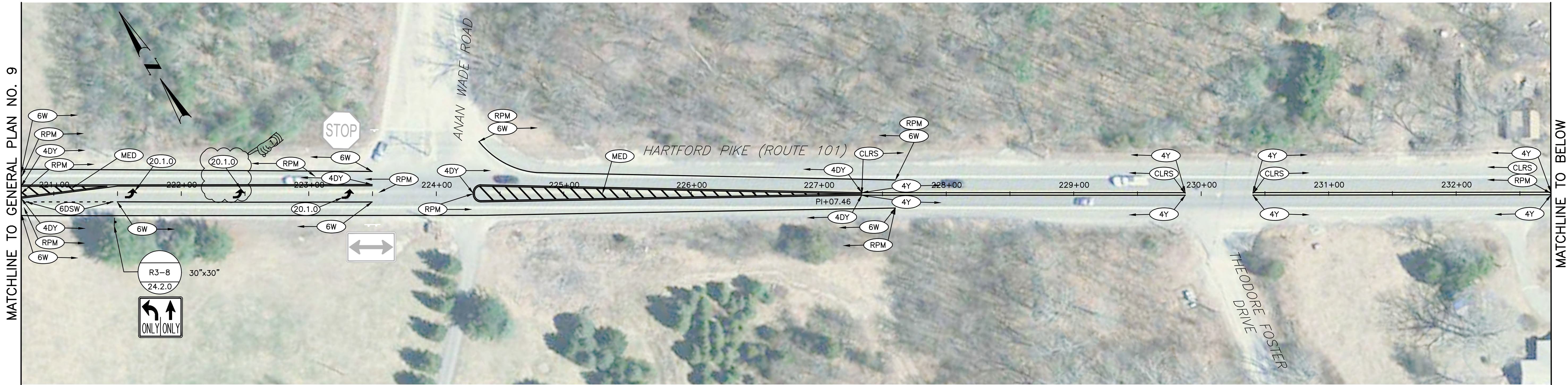
ROADWAY DEPARTURE MITIGATION - NON-FREWAY ROADSIDE IMPROVEMENTS 2019 C1

STATEWIDE RHODE ISLAND

GENERAL PLAN NO. 1
ROUTE 101 (HARTFORD PIKE)

CHECKED BY _____ DATE _____ SCALE _____

1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100



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RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

ROADWAY DEPARTURE MITIGATION - NON-FREWAY ROADSIDE IMPROVEMENTS 2019 C1

STATEWIDE RHODE ISLAND

GENERAL PLAN NO. 10
ROUTE 101 (HARTFORD PIKE)

CHECKED BY _____ DATE _____ SCALE _____

vhb 1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100



ADDENDUM NO. 1



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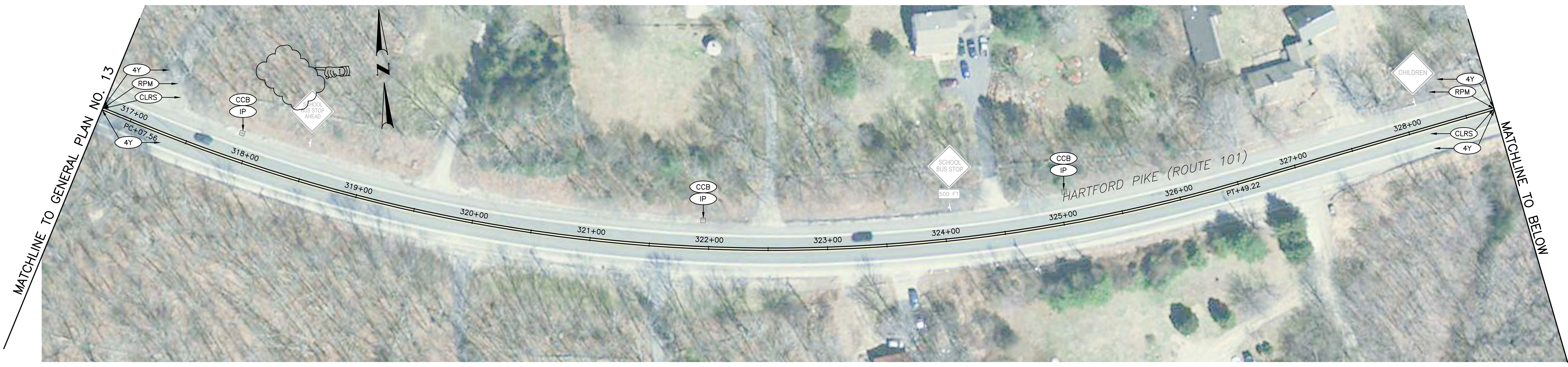
RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

ROADWAY DEPARTURE MITIGATION - NON-FREWAY ROADSIDE IMPROVEMENTS 2019 C1

STATEWIDE RHODE ISLAND

GENERAL PLAN NO. 11
ROUTE 101 (HARTFORD PIKE)

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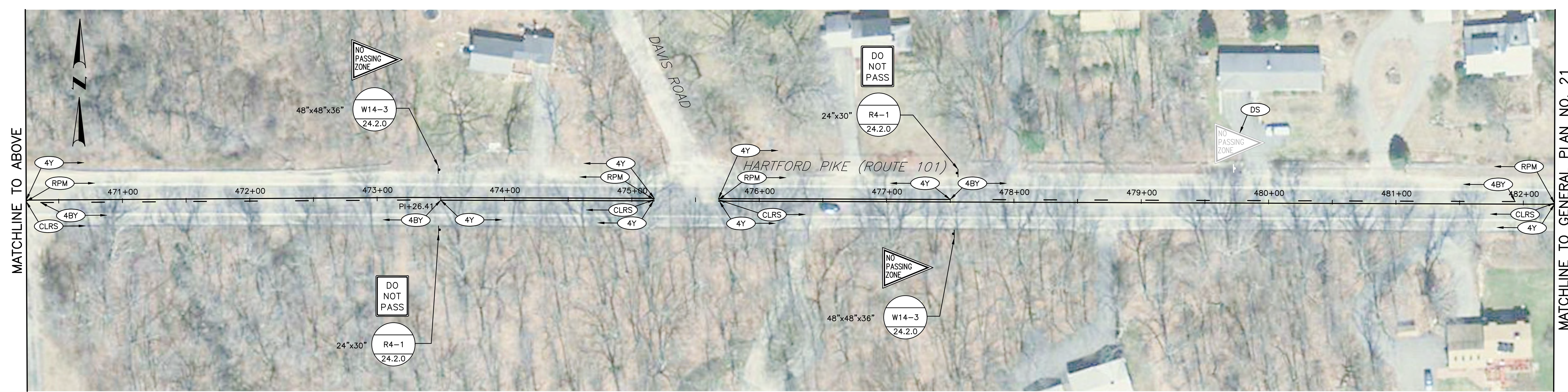
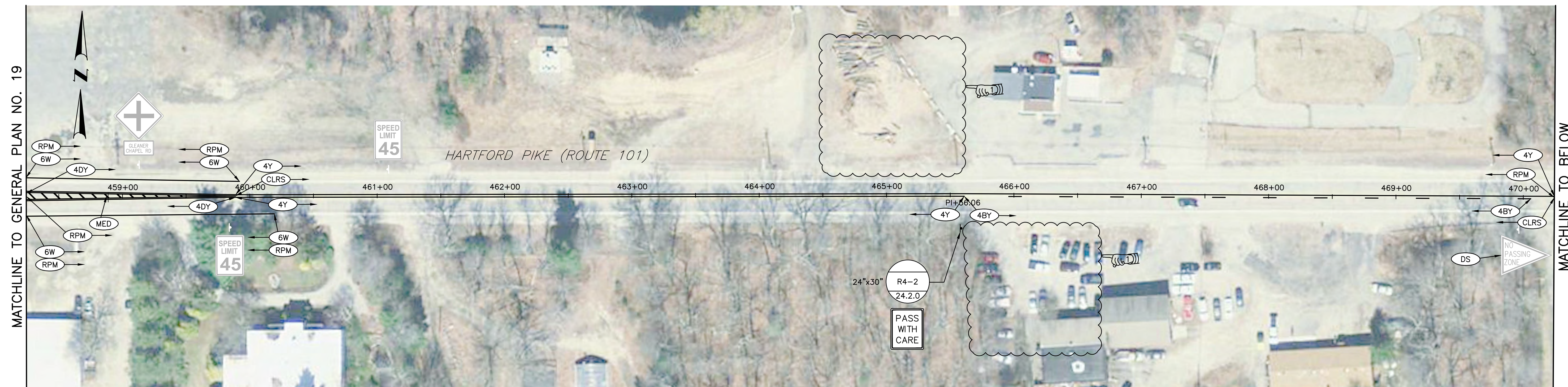


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NO.	DATE	BY
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RHODE ISLAND	
DEPARTMENT OF TRANSPORTATION	
ROADWAY DEPARTURE MITIGATION - NON-FREEWAY ROADSIDE IMPROVEMENTS 2019 C1	
STATEWIDE	RHODE ISLAND
GENERAL PLAN NO. 14	
ROUTE 101 (HARTFORD PIKE)	
CHECKED BY _____	DATE _____ SCALE _____



FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI			29	55

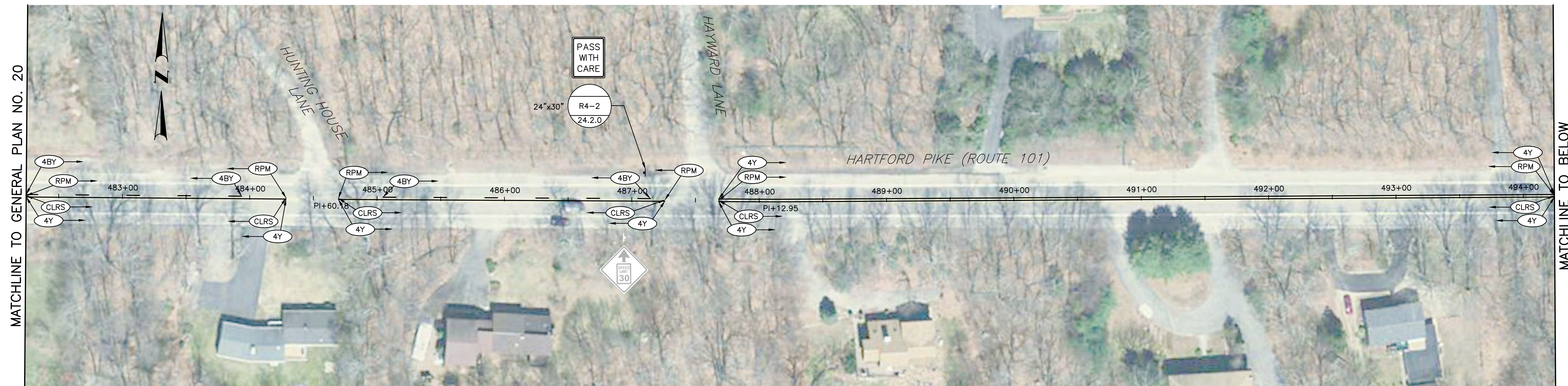


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1	12/6/18	VHB

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION
ROADWAY DEPARTURE MITIGATION - NON-FREWAY ROADSIDE IMPROVEMENTS 2019 C1
STATEWIDE RHODE ISLAND

GENERAL PLAN NO. 20
ROUTE 101 (HARTFORD PIKE)

CHECKED BY _____ DATE _____ SCALE _____



REVISIONS		
NO.	DATE	BY
1	12/6/18	VHB

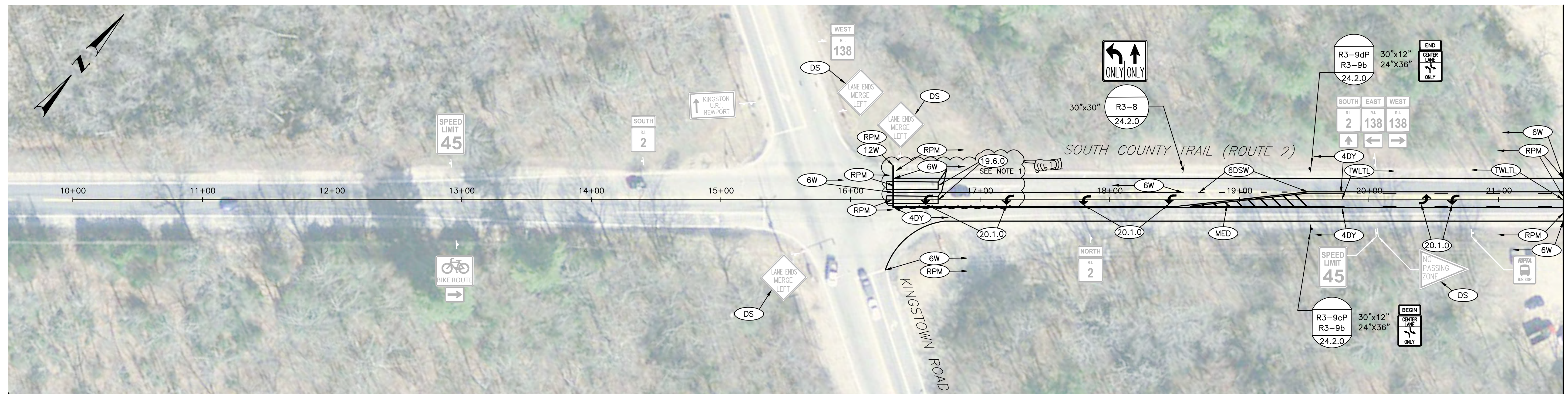
**RHODE ISLAND
DEPARTMENT OF TRANSPORTATION**

ROADWAY DEPARTURE MITIGATION - NON-FREEWAY ROADSIDE IMPROVEMENTS 2019 C1

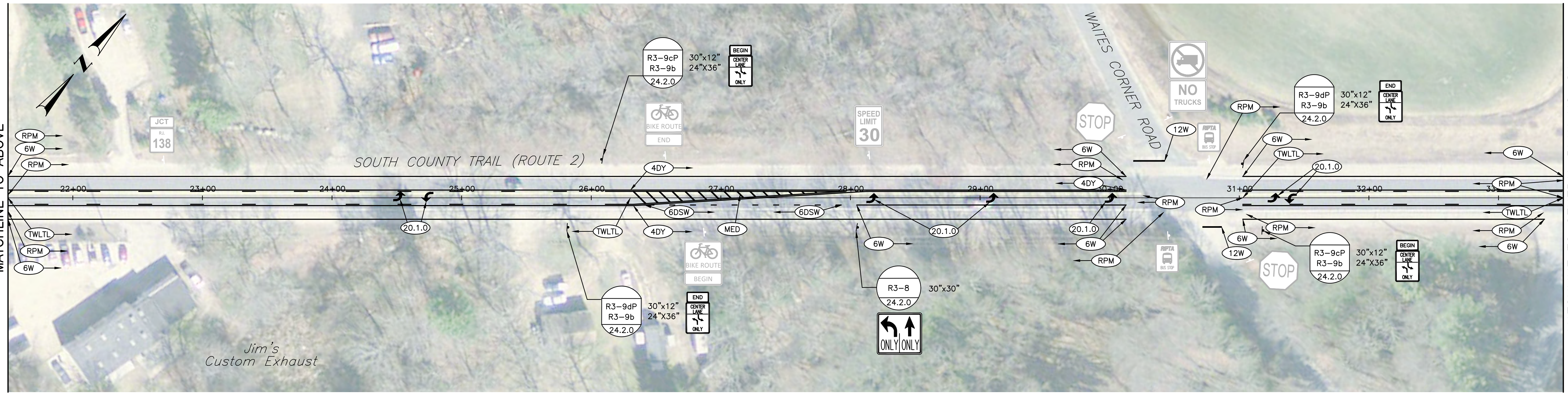
STATEWIDE RHODE ISLAND

GENERAL PLAN NO. 21
ROUTE 101 (HARTFORD PIKE)

CHECKED BY _____ DATE _____ SCALE _____



MATCHLINE TO BELOW



MATCHLINE TO GENERAL PLAN NO. 24



NOTE:
1. SPLICE PROPOSED LOOP DETECTORS IN ADJACENT HANDHOLE AND UTILIZE EXISTING CABLING TO CONTROLLER CABINET. REFER TO RIDOT STD. DETAIL 19.6.0 FOR INSTALLATION.

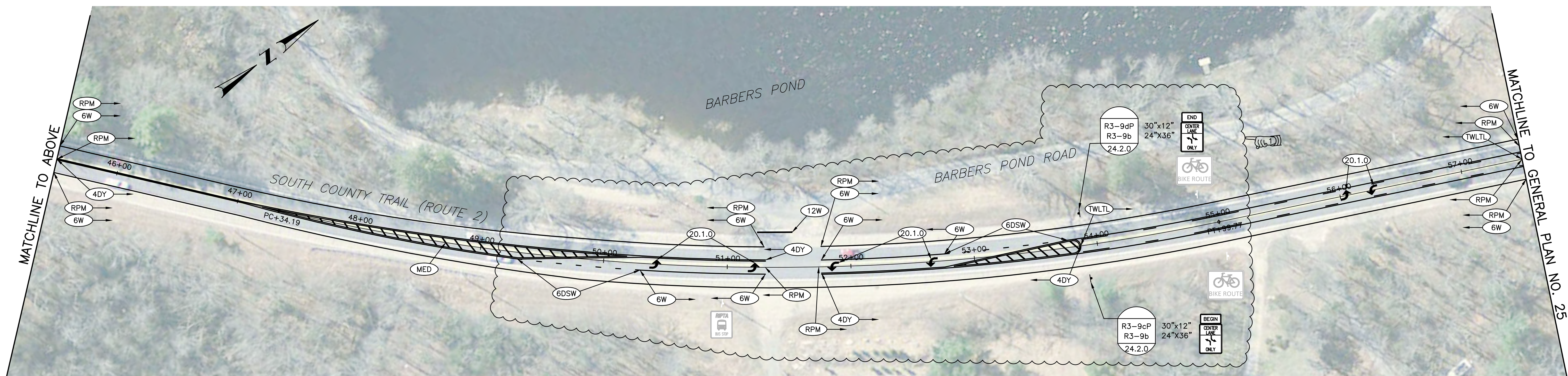
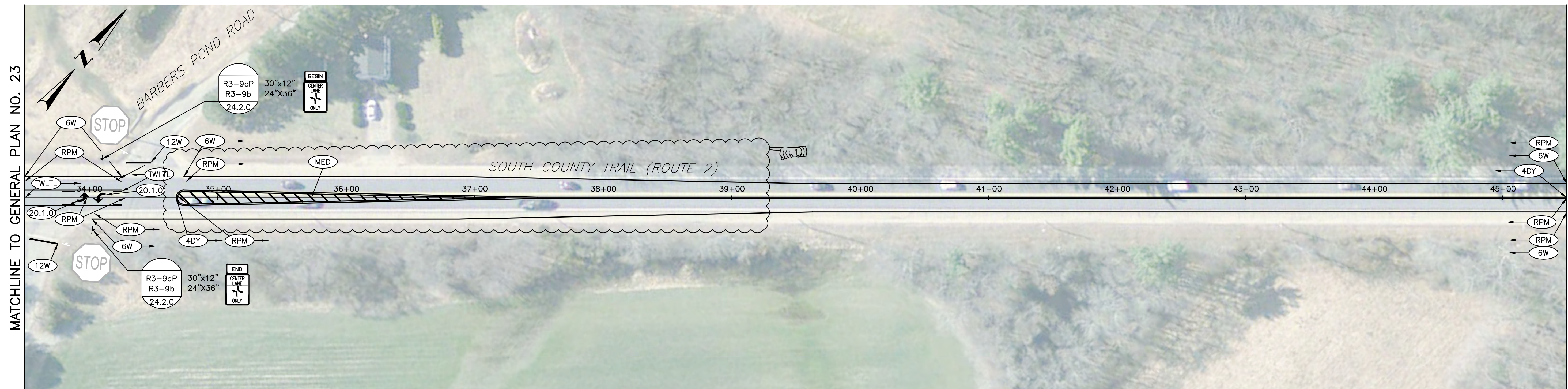
ADDENDUM NO. 1



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1	12/6/18	VHB

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DEPARTMENT OF TRANSPORTATION	
ROADWAY DEPARTURE MITIGATION - NON-FREWAY ROADSIDE IMPROVEMENTS 2019 C1	
STATEWIDE	RHODE ISLAND
GENERAL PLAN NO. 23	
ROUTE 2 (SOUTH COUNTY TRAIL)	
CHECKED BY _____	DATE _____ SCALE _____

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI			33	55

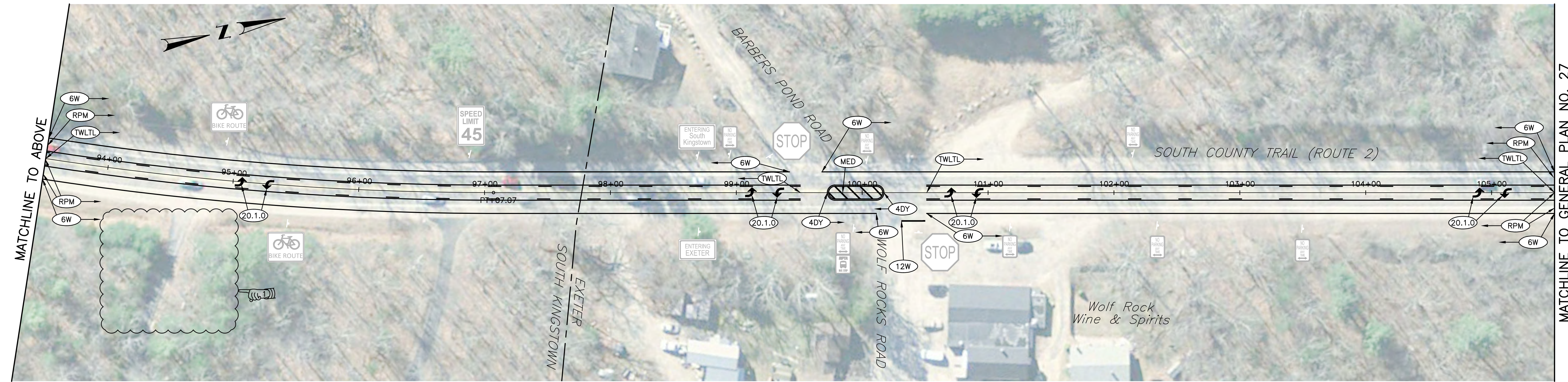


REVISIONS			NO.	DATE	BY

RHODE ISLAND	
DEPARTMENT OF TRANSPORTATION	
ROADWAY DEPARTURE MITIGATION - NON-FREWAY ROADSIDE IMPROVEMENTS 2019 C1	
STATEWIDE	RHODE ISLAND
GENERAL PLAN NO. 24	
ROUTE 2 (SOUTH COUNTY TRAIL)	
CHECKED BY _____	DATE _____
SCALE _____	



FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI			35	55



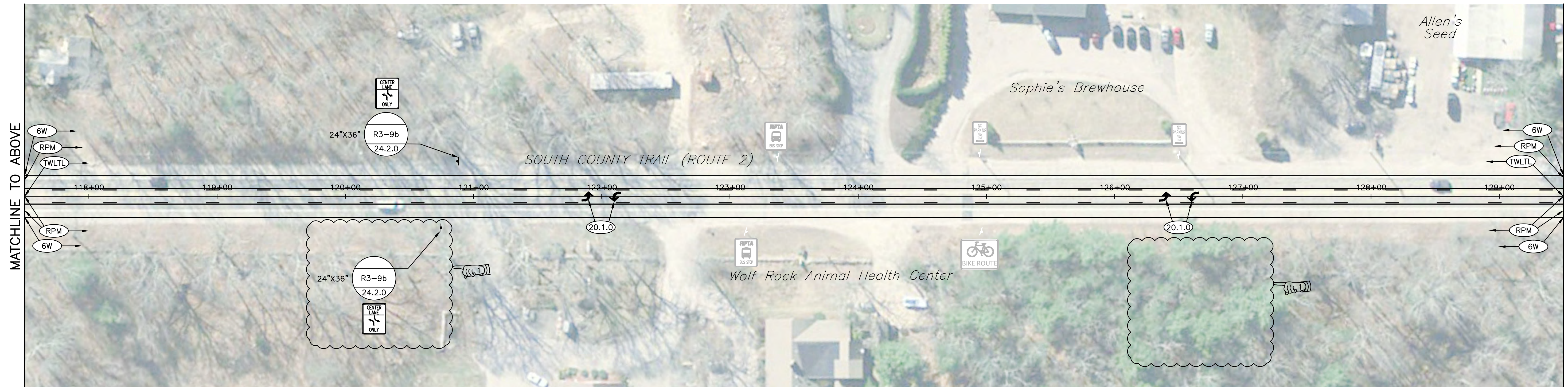
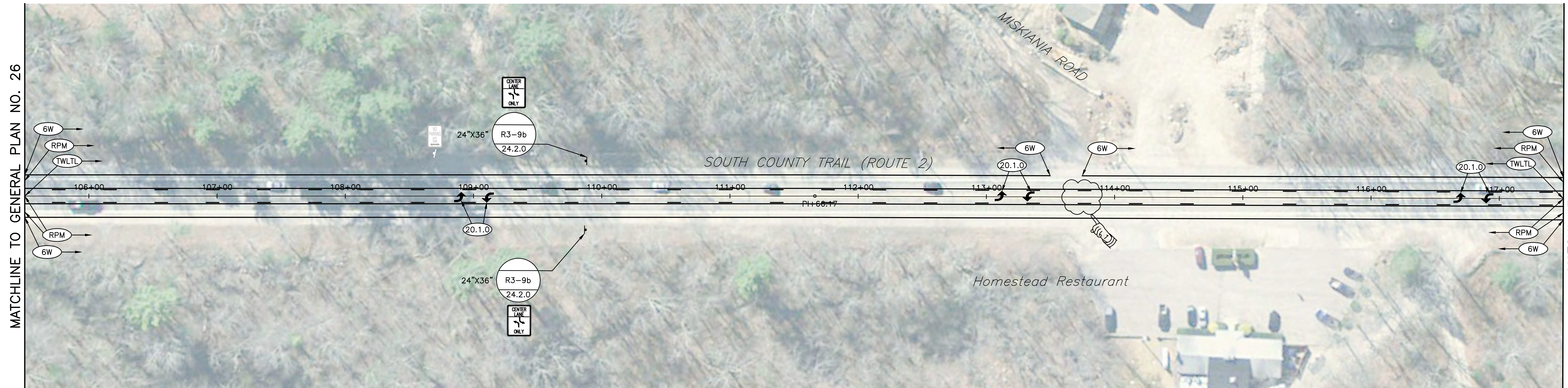
REVISIONS		
NO.	DATE	BY
1	12/6/18	VHB

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION
ROADWAY DEPARTURE MITIGATION - NON-FREWAY ROADSIDE IMPROVEMENTS 2019 C1
STATEWIDE RHODE ISLAND

GENERAL PLAN NO. 26
ROUTE 2 (SOUTH COUNTY TRAIL)
CHECKED BY _____ DATE _____ SCALE _____



FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI			36	55

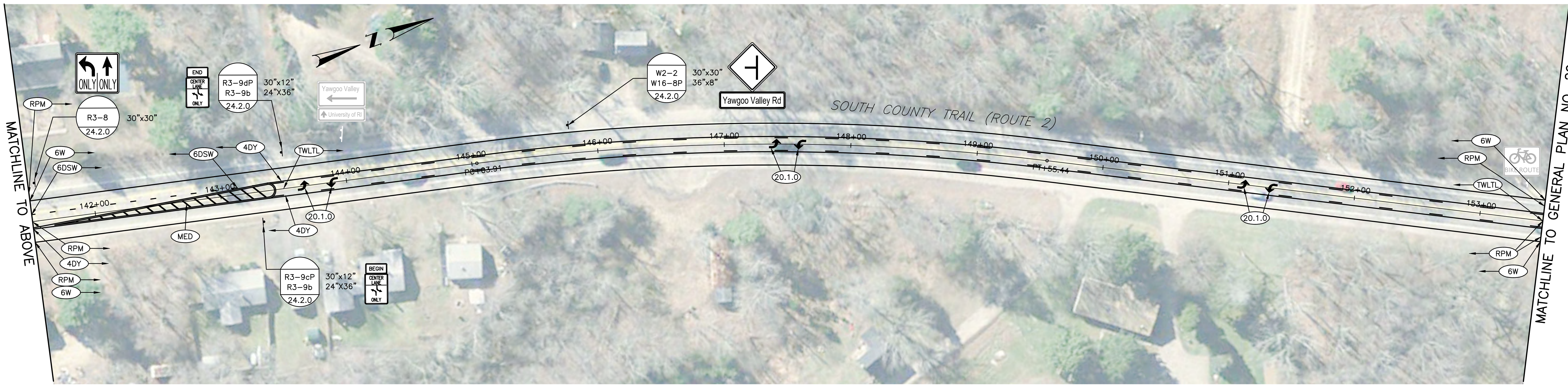
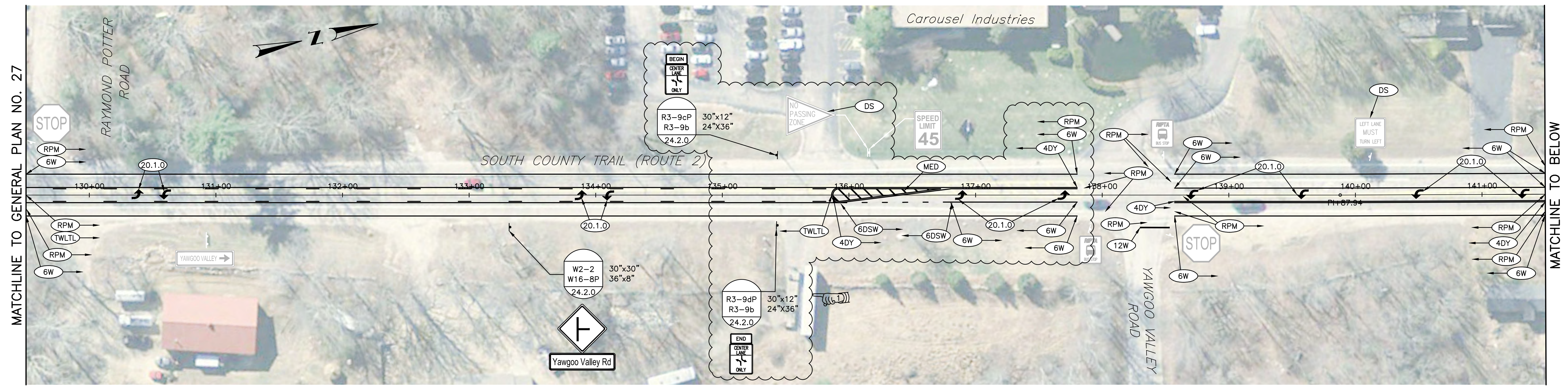


REVISIONS		
NO.	DATE	BY
1	12/6/18	VHB

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION
ROADWAY DEPARTURE MITIGATION - NON-FREWAY ROADSIDE IMPROVEMENTS 2019 C1
STATEWIDE RHODE ISLAND

GENERAL PLAN NO. 27
ROUTE 2 (SOUTH COUNTY TRAIL)

CHECKED BY _____ DATE _____ SCALE _____

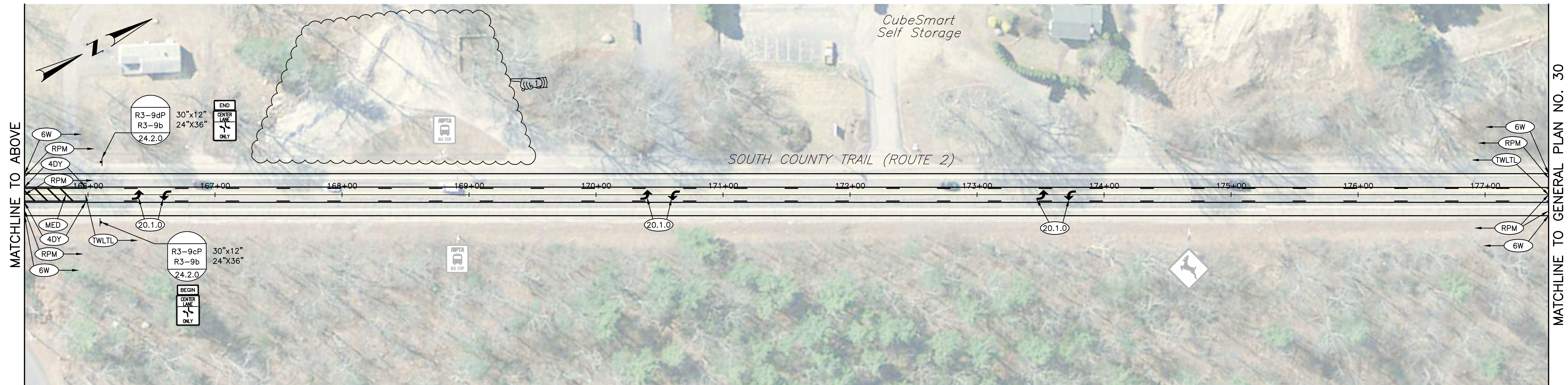
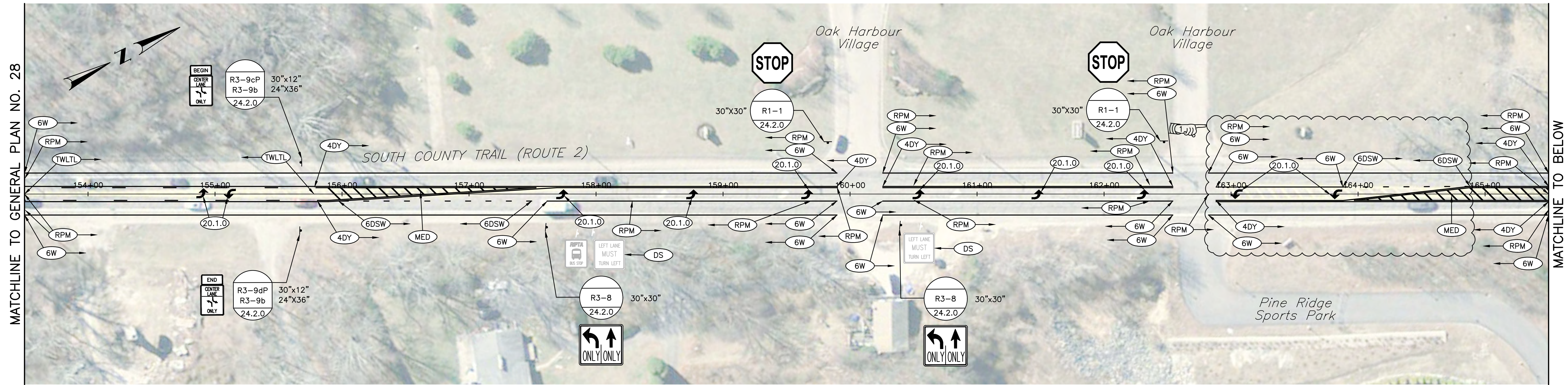


ADDENDUM NO. 1



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NO.	DATE	BY
1	12/6/18	VHB

RHODE ISLAND	
DEPARTMENT OF TRANSPORTATION	
ROADWAY DEPARTURE MITIGATION - NON-FREWAY ROADSIDE IMPROVEMENTS 2019 C1	
STATEWIDE	RHODE ISLAND
GENERAL PLAN NO. 28	
ROUTE 2 (SOUTH COUNTY TRAIL)	
CHECKED BY _____	DATE _____ SCALE _____



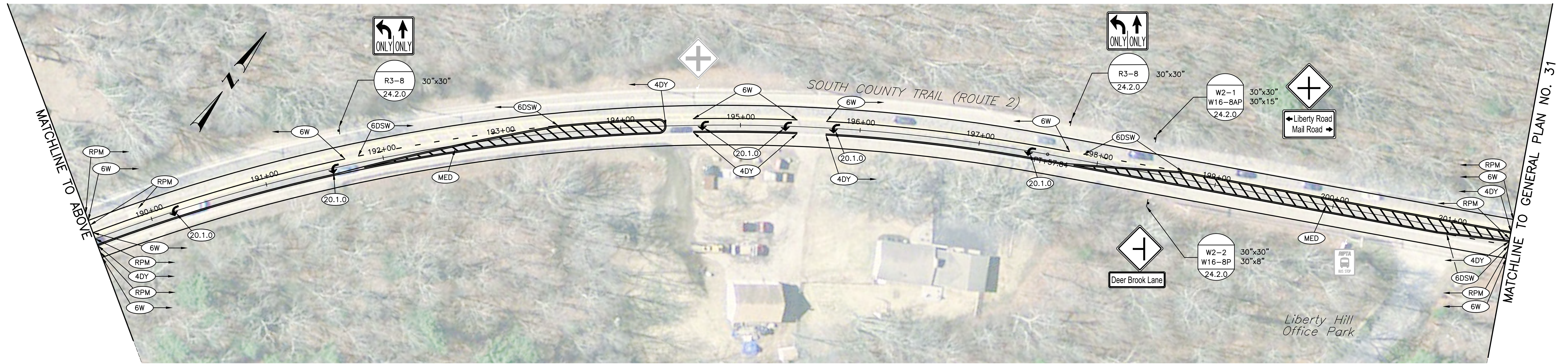
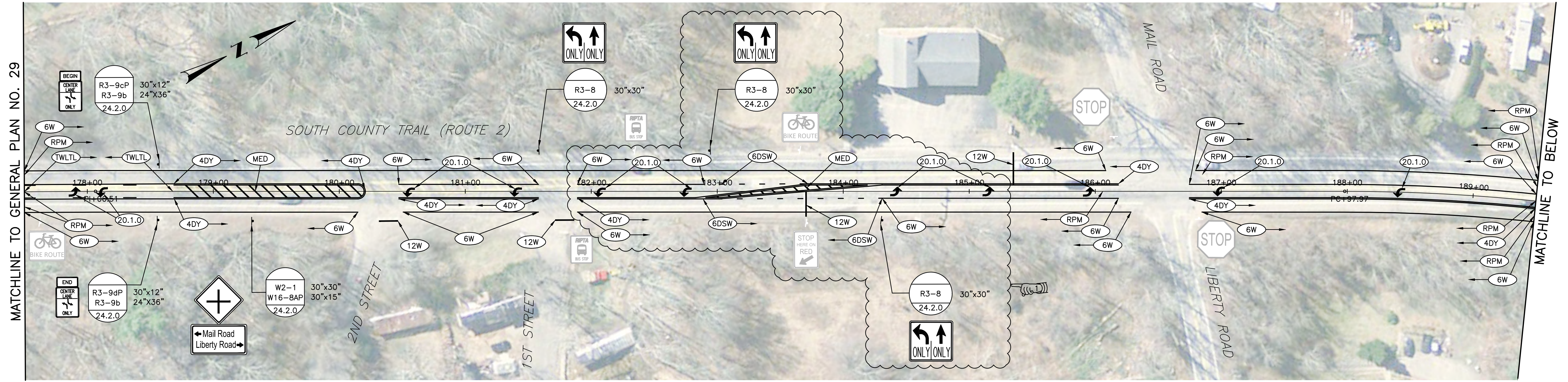
REVISIONS		
NO.	DATE	BY
1	12/6/18	VHB

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION
ROADWAY DEPARTURE MITIGATION - NON-FREWAY ROADSIDE IMPROVEMENTS 2019 C1
STATEWIDE RHODE ISLAND

GENERAL PLAN NO. 29
ROUTE 2 (SOUTH COUNTY TRAIL)

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RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

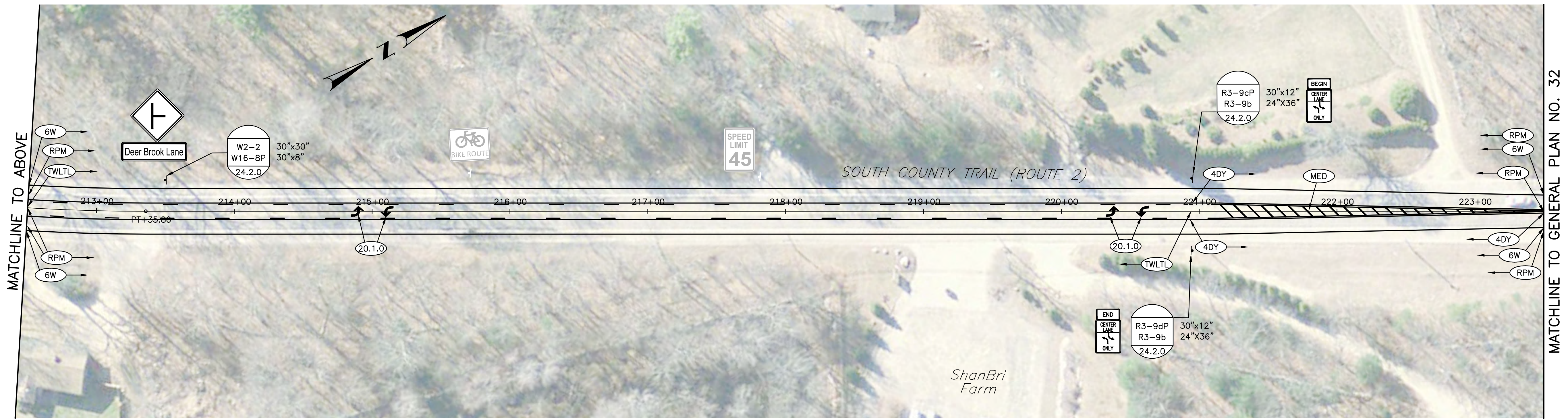
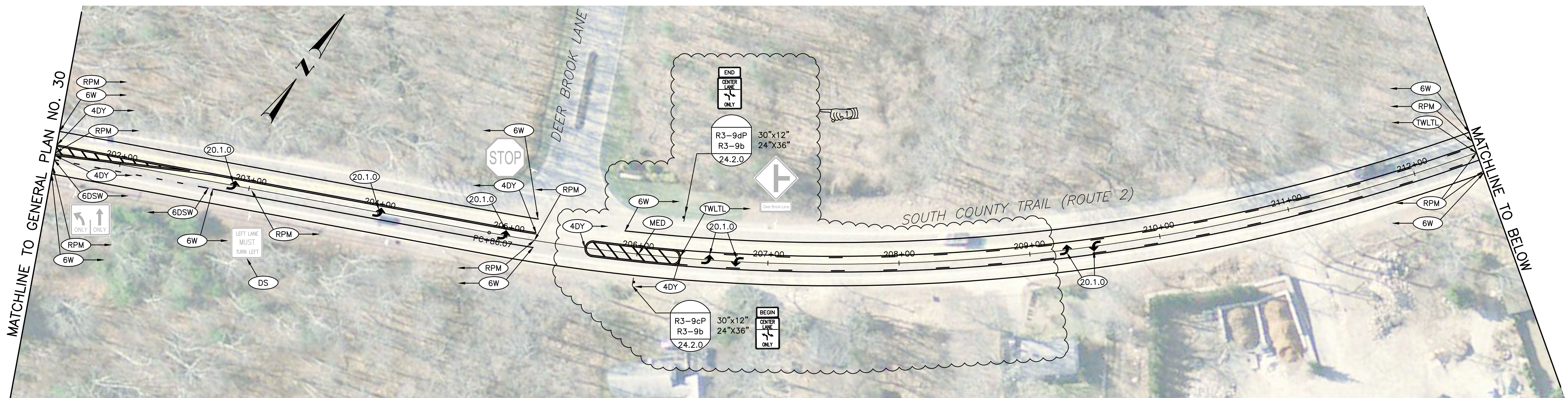
ROADWAY DEPARTURE MITIGATION - NON-FREWAY ROADSIDE IMPROVEMENTS 2019 C1

STATEWIDE RHODE ISLAND

GENERAL PLAN NO. 30
ROUTE 2 (SOUTH COUNTY TRAIL)

CHECKED BY _____ DATE _____ SCALE _____

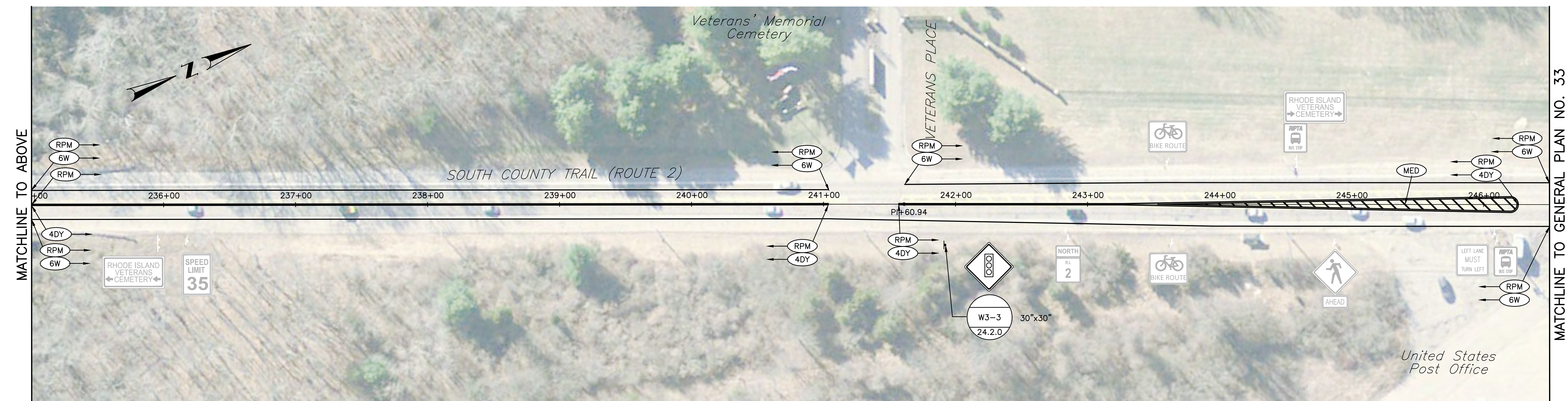
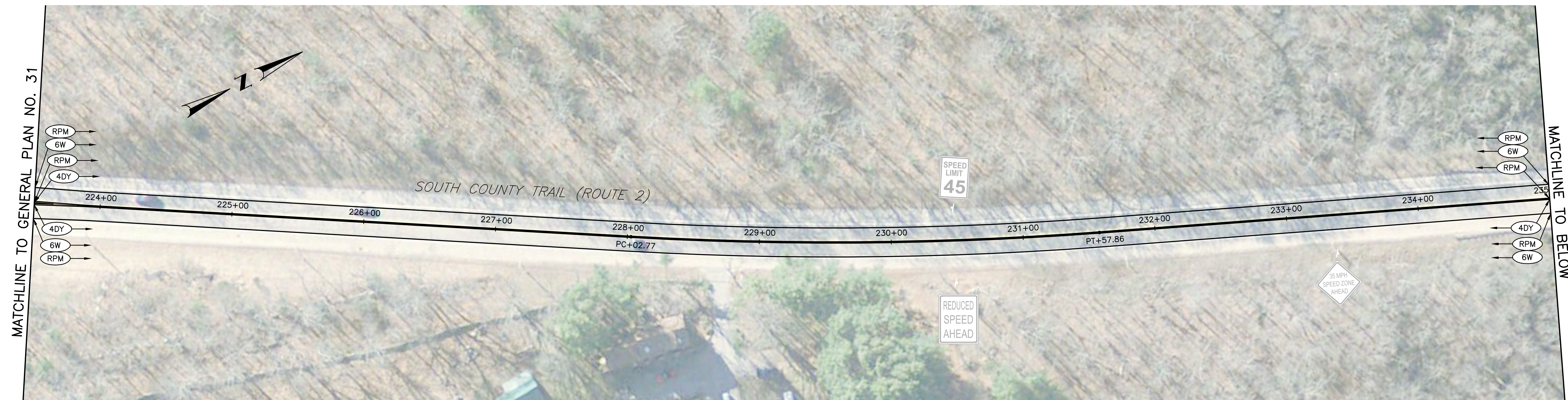




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RHODE ISLAND
 DEPARTMENT OF TRANSPORTATION
 ROADWAY DEPARTURE MITIGATION - NON-FREWAY ROADSIDE IMPROVEMENTS 2019 C1
 STATEWIDE RHODE ISLAND
GENERAL PLAN NO. 31
 ROUTE 2 (SOUTH COUNTY TRAIL)
 CHECKED BY _____ DATE _____ SCALE _____





REVISIONS			NO.	DATE	BY
	1	12/6/18	VHB		

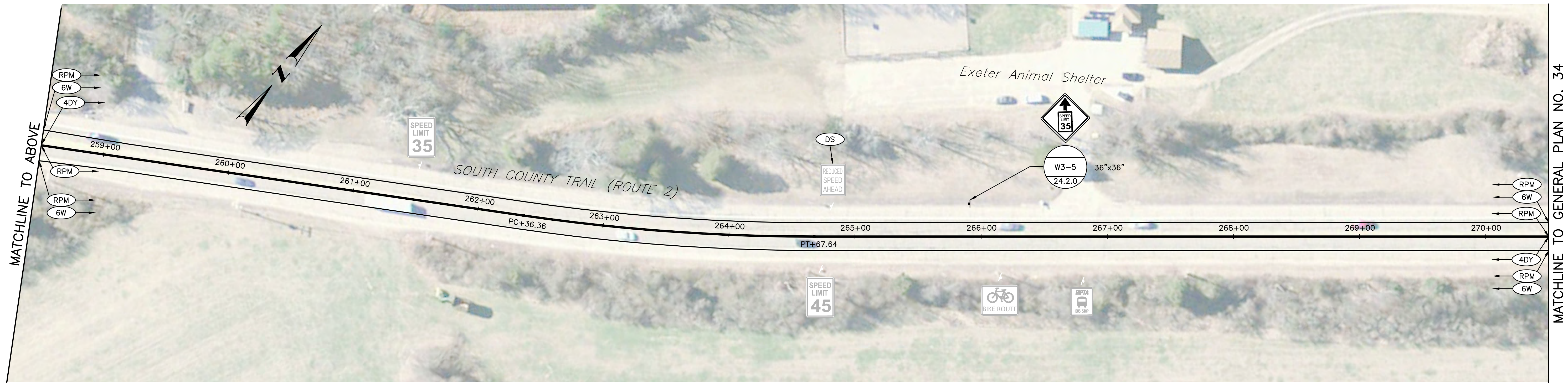
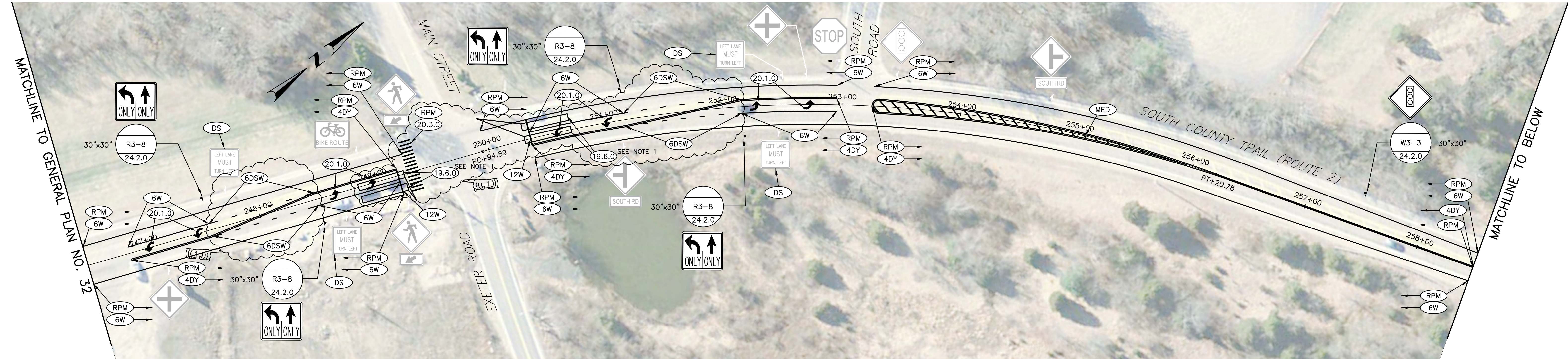
**RHODE ISLAND
DEPARTMENT OF TRANSPORTATION**

ROADWAY DEPARTURE MITIGATION - NON-FREWAY ROADSIDE IMPROVEMENTS 2019 C1

STATEWIDE RHODE ISLAND

GENERAL PLAN NO. 32
ROUTE 2 (SOUTH COUNTY TRAIL)

CHECKED BY _____ DATE _____ SCALE _____

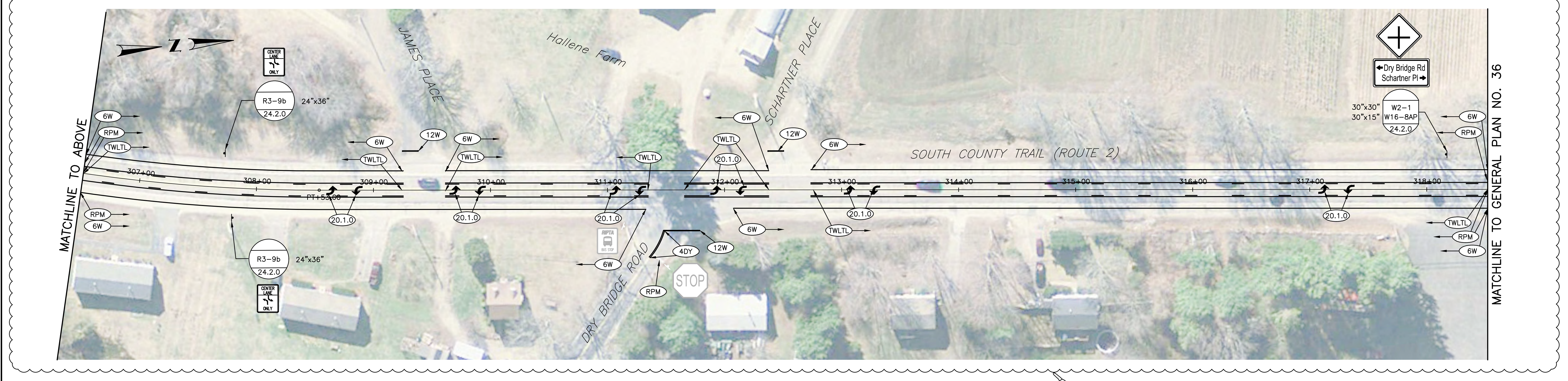
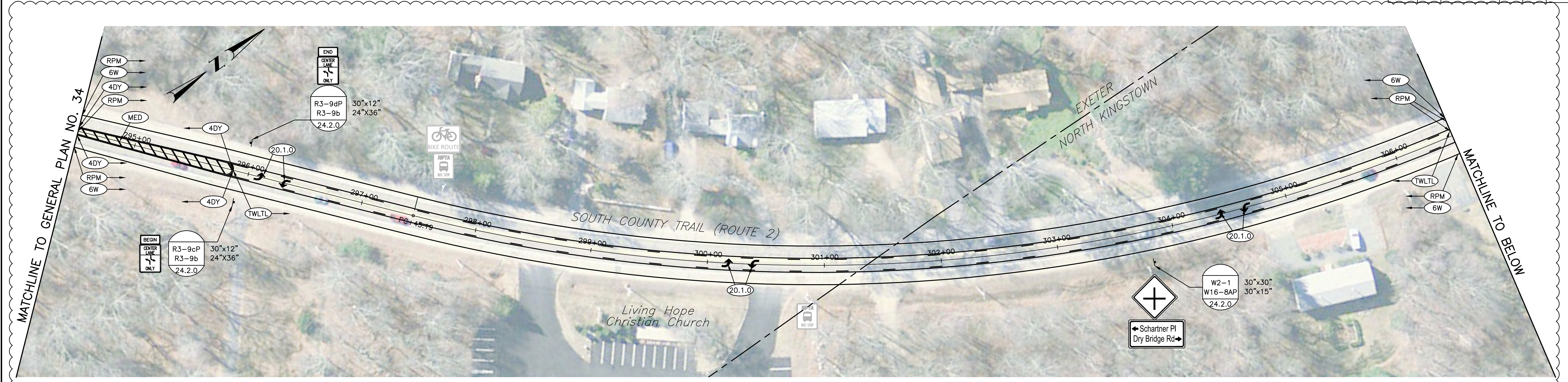


NOTE:
 1. SPLICE PROPOSED LOOP DETECTORS IN ADJACENT HANDHOLE AND UTILIZE EXISTING CABLING TO CONTROLLER CABINET. REFER TO RIDOT STD. DETAIL 19.6.0 FOR INSTALLATION.



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1	12/6/18	VHB		
			ROADWAY DEPARTURE MITIGATION - NON-FREWAY ROADSIDE IMPROVEMENTS 2019 C1	
			STATEWIDE	RHODE ISLAND
			GENERAL PLAN NO. 33 ROUTE 2 (SOUTH COUNTY TRAIL)	
			CHECKED BY _____	DATE _____ SCALE _____

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI			44	55

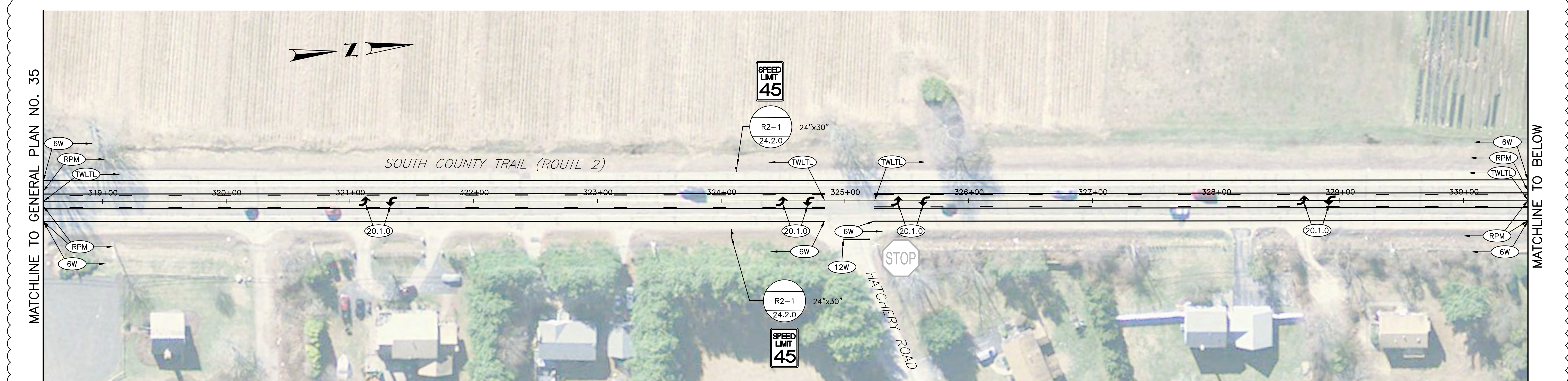


REVISIONS		
NO.	DATE	BY
1	12/6/18	VHB

RHODE ISLAND
 DEPARTMENT OF TRANSPORTATION
 ROADWAY DEPARTURE MITIGATION - NON-FREWAY ROADSIDE IMPROVEMENTS 2019 C1
 STATEWIDE RHODE ISLAND
GENERAL PLAN NO. 35
 ROUTE 2 (SOUTH COUNTY TRIAL)
 CHECKED BY _____ DATE _____ SCALE _____

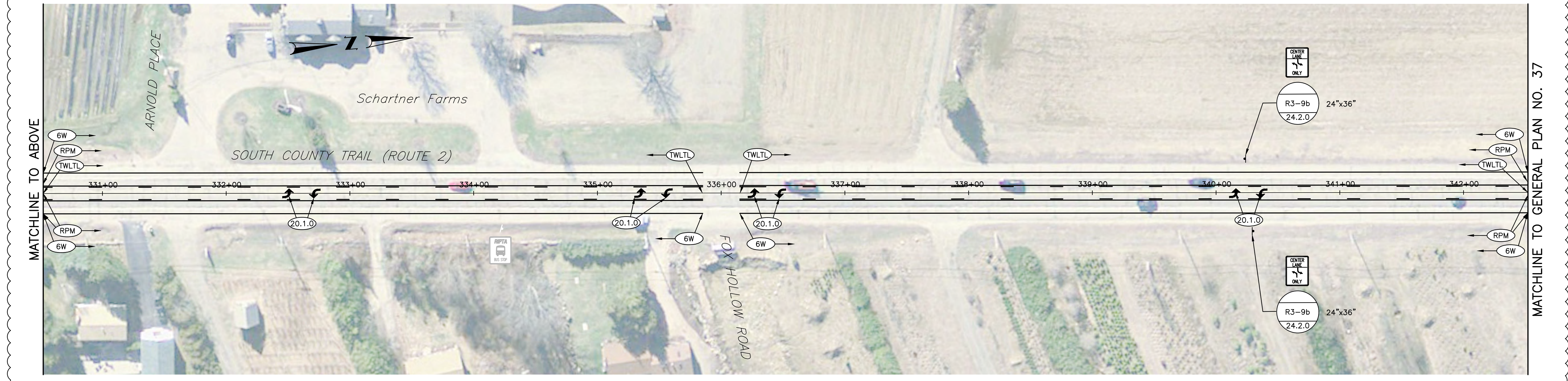


FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI			45	55



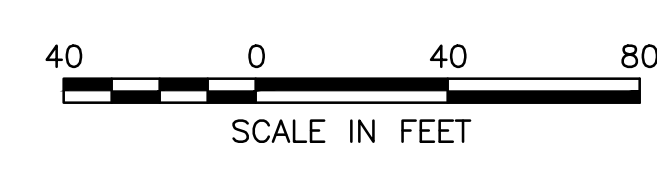
MATCHLINE TO GENERAL PLAN NO. 35

MATCHLINE TO BELOW



MATCHLINE TO ABOVE

MATCHLINE TO GENERAL PLAN NO. 37

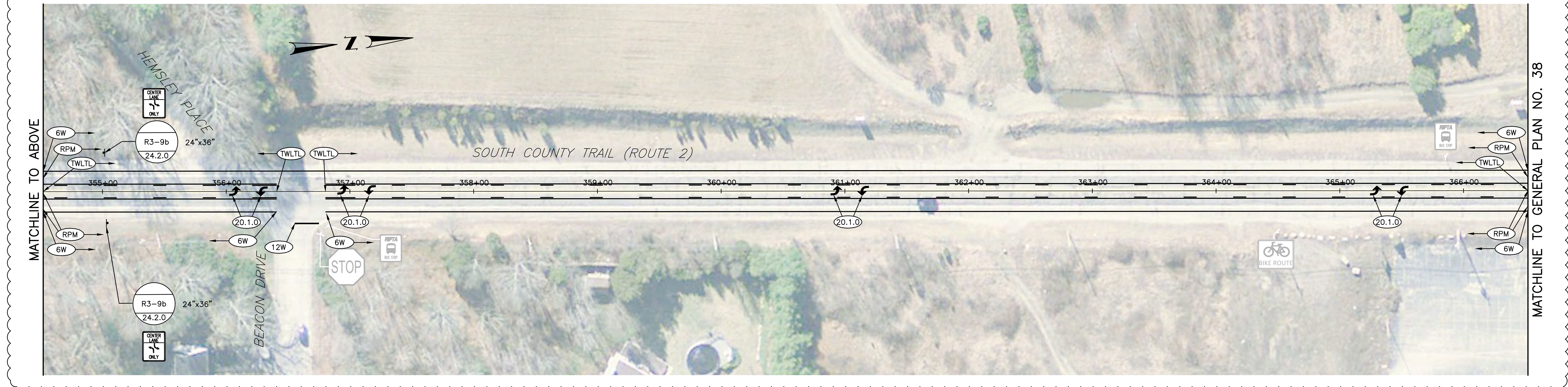
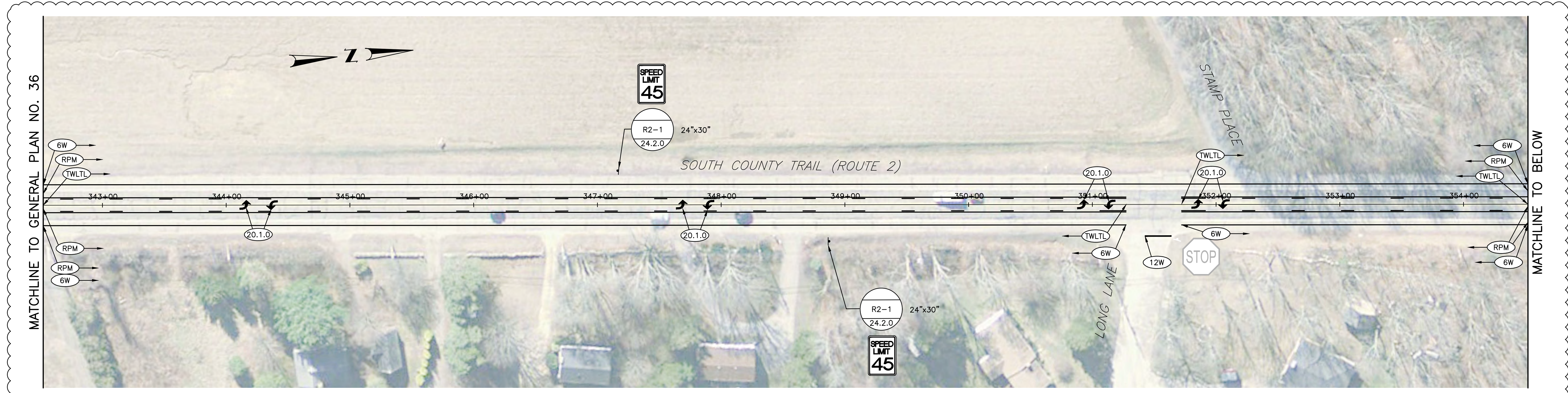


REVISIONS		
NO.	DATE	BY
1	12/6/18	VHB

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION
ROADWAY DEPARTURE MITIGATION - NON-FREWAY ROADSIDE IMPROVEMENTS 2019 C1
STATEWIDE RHODE ISLAND
GENERAL PLAN NO. 36
ROUTE 2 (SOUTH COUNTY TRAIL)

1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

CHECKED BY _____ DATE _____ SCALE _____



REVISIONS		
NO.	DATE	BY
1	12/6/18	VHB

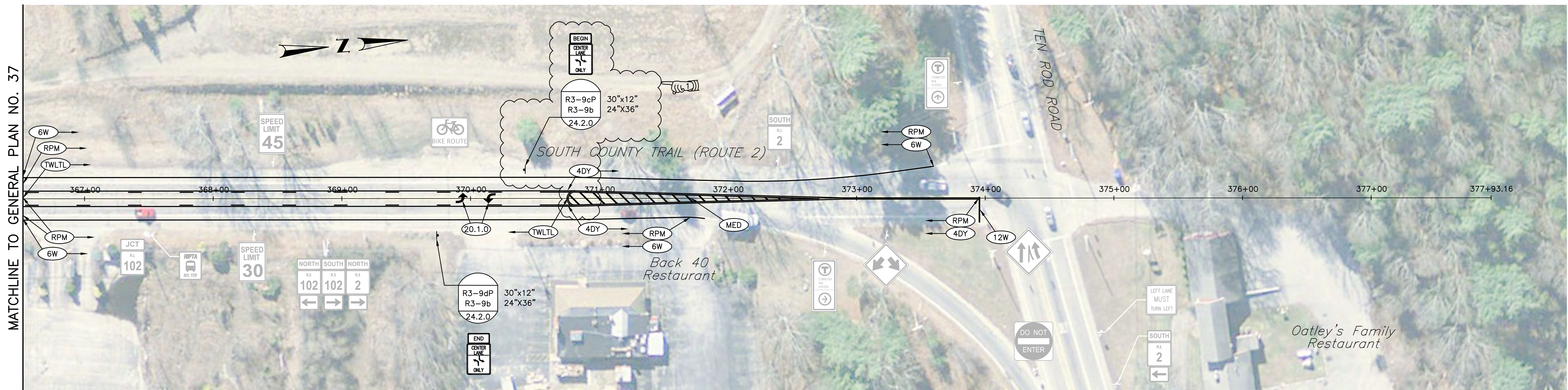
RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

ROADWAY DEPARTURE MITIGATION - NON-FREWAY ROADSIDE IMPROVEMENTS 2019 C1

STATEWIDE RHODE ISLAND

GENERAL PLAN NO. 37
ROUTE 2 (SOUTH COUNTY TRAIL)

CHECKED BY _____ DATE _____ SCALE _____



MATCHLINE TO GENERAL PLAN NO. 37



REVISIONS		
NO.	DATE	BY
1	12/6/18	VHB

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

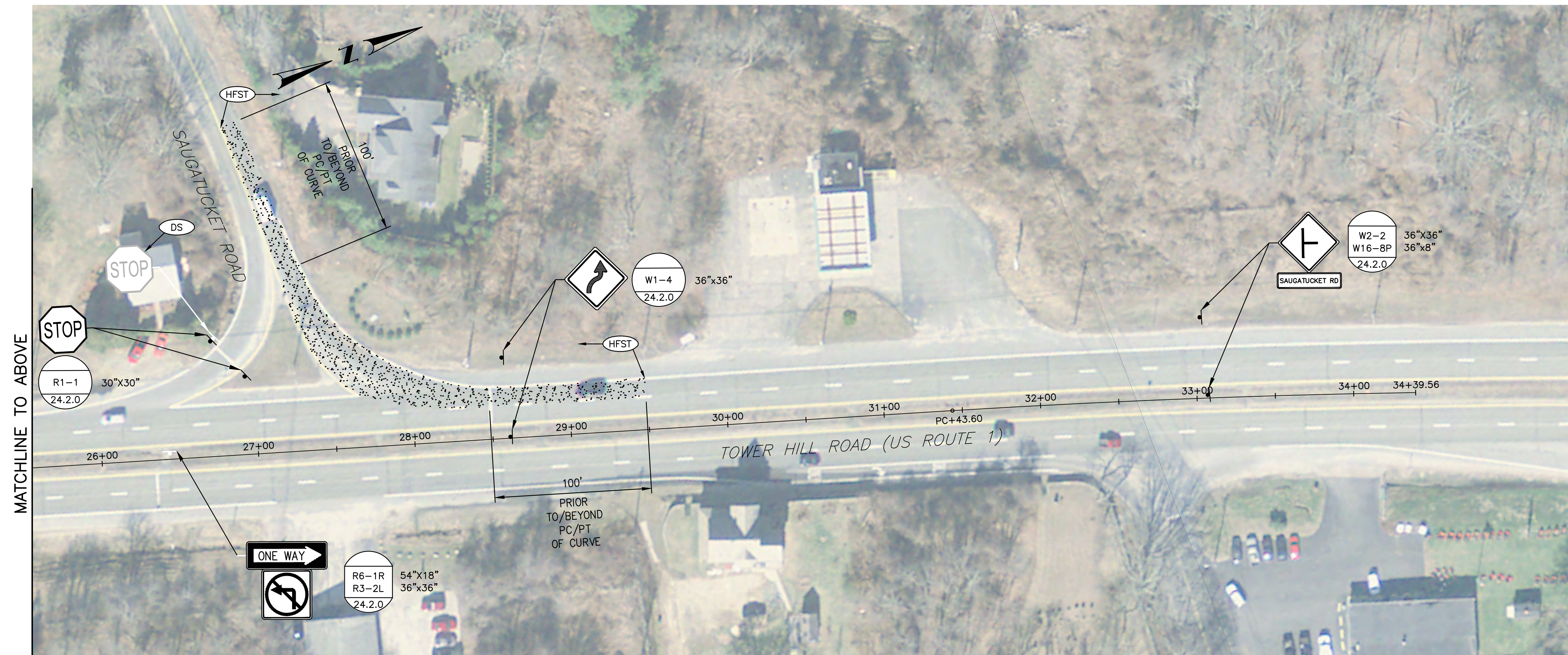
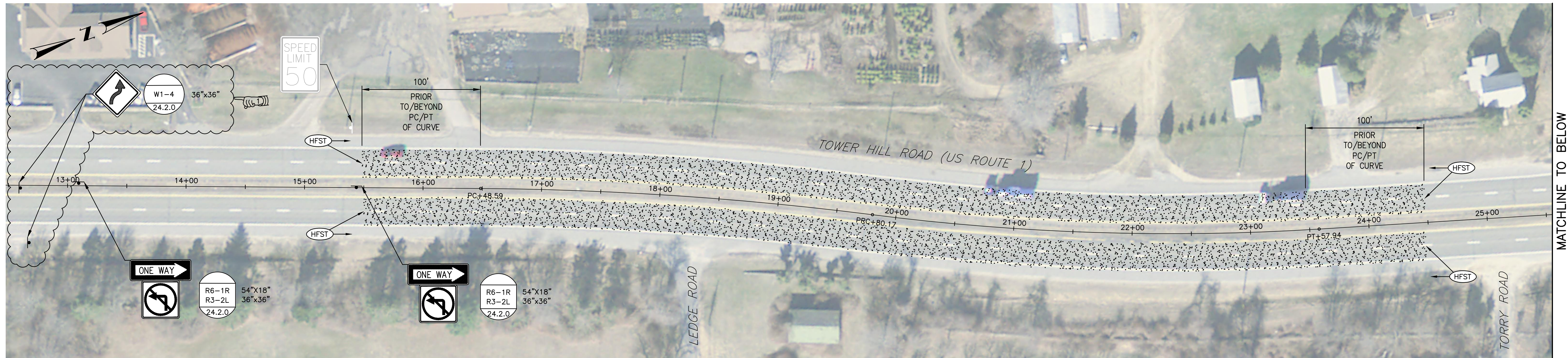
ROADWAY DEPARTURE MITIGATION - NON-FREWAY ROADSIDE IMPROVEMENTS 2019 C1

STATEWIDE RHODE ISLAND

GENERAL PLAN NO. 38
ROUTE 2 (SOUTH COUNTY TRAIL)

1 Cedar Street
Suite 400
Providence, RI 02903
401.272.8100

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NOTE:
REFER TO THE DETOUR PLAN FOR THE ROAD CLOSURE
DETAIL OF SAUGATUCKET ROAD FOR THE INSTALLATION
OF HIGH FRICTION SURFACE TREATMENT.



REVISIONS		
NO.	DATE	BY
1	12/6/18	VHB

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

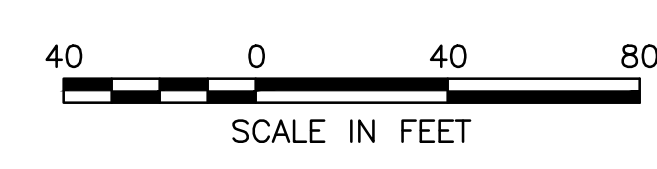
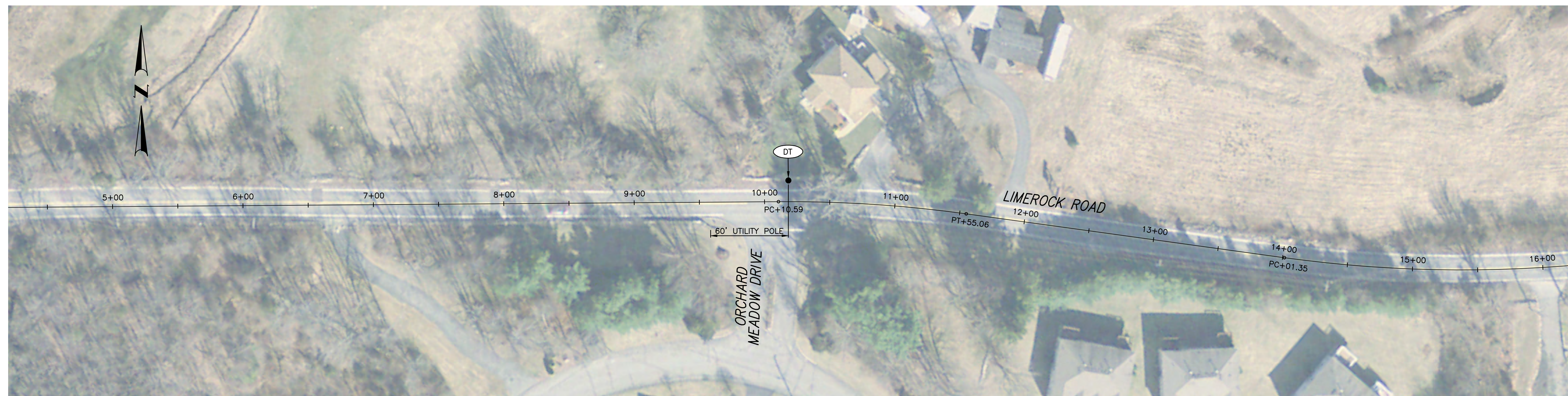
ROADWAY DEPARTURE MITIGATION - NON-FREWAY ROADSIDE IMPROVEMENTS 2019 C1

STATEWIDE RHODE ISLAND

GENERAL PLAN NO. 39
ROUTE 1 (TOWER HILL ROAD)

CHECKED BY _____ DATE _____ SCALE _____

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI			49	55



REVISIONS			RHODE ISLAND	
NO.	DATE	BY	DEPARTMENT OF TRANSPORTATION	
1	12/6/18	VHB	ROADWAY DEPARTURE MITIGATION - NON-FREEWAY ROADSIDE IMPROVEMENTS 2019 C1	
			STATEWIDE	RHODE ISLAND
			GENERAL PLAN NO. 40	
			LIMEROCK ROAD AT ORCHARD MEADOW DRIVE	
			CHECKED BY _____	DATE _____ SCALE _____


 1 Cedar Street
 Suite 400
 Providence, RI 02903
 401.272.8100

TRAFFIC CONTROL GENERAL NOTES:

- SEE RHODE ISLAND STANDARD 27.1.1 FOR SIGN DIMENSIONS AND PLACEMENT FOR WORK ZONE TRAFFIC FINES SIGN.
- CONE SPACING SHALL BE 10' O.C. WITHIN SHOULDER AND LANE TAPERS AND TRANSITION AREA AND 20' O.C. WITHIN ALL OTHER AREAS, UNLESS OTHERWISE NOTED.
- DRUM SPACING SHALL BE 20' O.C. UNLESS OTHERWISE NOTED.
- 11' MINIMUM LANE WIDTHS SHALL BE MAINTAINED UNLESS OTHERWISE NOTED ON THE PLANS.
- ALL MAINTENANCE AND PROTECTION OF TRAFFIC SETUPS SHALL BE IN CONFORMANCE WITH THE 2009 EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) AND RHODE ISLAND DEPARTMENT OF TRANSPORTATION GUIDELINES.
- ALL TRAFFIC CONTROL SETUPS SHALL BE COORDINATED WITH ADJACENT CONCURRENT CONSTRUCTION CONTRACTS TO DETERMINE IF SIGNS AND SETUPS SPECIFIED ARE APPROPRIATE.
- TEMPORARY LANE CLOSURES SHALL BE REMOVED IN THEIR ENTIRETY AT THE END OF THE WORK DAY.
- ALL TEMPORARY SIGNS SHALL HAVE BLACK COPY ON ORANGE BACKGROUND AND SHALL BE INSTALLED ACCORDING TO THE RHODE ISLAND STANDARDS 24.3.0 & 29.1.0.
- ALL TRAFFIC CONTROL DEVICES, UNLESS OTHERWISE NOTED, SHALL CONFORM TO APPLICABLE SPECIFICATIONS OF THE M.U.T.C.D. PART 6, 2009 EDITION AND STANDARD HIGHWAY SIGNS, CURRENT EDITIONS. ALL SIGNS AND CONES SHALL BE REFLECTORIZED.
- ALL CONES SHALL CONFORM TO R.I. STANDARD 26.1.0. ALL DRUMS SHALL CONFORM TO R.I. STANDARD 26.2.0.
- TYPICAL LANE CLOSURE DETAILS DEPICT THE MINIMAL REQUIREMENTS FOR MAINTENANCE OF TRAFFIC. THE DETAILS SHALL BE USED AS A GUIDE TO PROVIDE TRAFFIC MANAGEMENT FOR DAILY OPERATIONS AND MAY BE MODIFIED AT THE DISCRETION OF RIDOT.
- WORKERS SHALL WEAR RETROREFLECTIVE PERSONAL PROTECTIVE EQUIPMENT (PPE) IN ACCORDANCE WITH THE MUTCD AND FHWA REQUIREMENTS.
- ALL TEMPORARY CONSTRUCTION SIGNS SHALL BE 36"x36" UNLESS OTHERWISE NOTED ON PLANS.
- SIGNS INSTALLED ON PORTABLE STANDS REQUIRE A 12 INCH MINIMUM MOUNTING HEIGHT FROM THE ROADWAY SURFACE TO THE BOTTOM OF THE SIGN SURFACE TO THE BOTTOM OF THE SIGN.
- SIGNS INSTALLED ON PORTABLE STANDS PLACED AMONG CHANNELIZATION DEVICES REQUIRE A 36 INCH MINIMUM MOUNTING HEIGHT FROM THE ROADWAY SURFACE TO THE BOTTOM OF THE SIGN TO ENSURE THAT SIGNS ARE VISIBLE TO MOTORIST.
- POLICE DETAIL SHALL ASSIST WITH TRAFFIC CONTROL INCLUDING ASSISTING ANY OVERSIZED VEHICLES TO SAFELY PASS THROUGH THE WORK ZONE AND THE SAFE PASSAGE OF PEDESTRIANS THROUGH THE WORK ZONE.
- TRAFFIC CONTROL SET-UPS SHOWN REPRESENT EACH POTENTIAL WORK ZONE WITH CORRESPONDING SET-UP ON EACH CORNER OF THE INTERSECTION. NO MORE THAN ONE WORK ZONE WITH CORRESPONDING SET-UP SHALL BE ALLOWED AT ANY TIME. ADVANCED WARNING SIGNAGE OF ROAD WORK SHALL BE SET-UP ON EVERY APPROACH FOR ALL TRAFFIC CONTROL SET-UPS.
- TO MINIMIZE THE IMPACTS TO PARKING AND TRAFFIC FLOW, THE CONTRACTOR SHALL LIMIT THE WORK AREA TO THE ACTUAL LIMIT OF WORK WITHIN THE ALLOWED WORK ZONES AND SHALL NOT TAKE THE ENTIRE WORK ZONE UNLESS IT IS REQUIRED FOR THE SPECIFIC ITEMS OF WORK BEING PERFORMED AND IS APPROVED BY THE ENGINEER.
- THE ENGINEER SHALL NOTIFY EACH ABUTTER AT LEAST 24 HOURS IN ADVANCE OF THE START OF ANY WORK THAT WILL REQUIRE THE TEMPORARY CLOSURE OR RESTRICTION OF ACCESS.
- THE CONTRACTOR SHALL SECURE WORK AREAS TO PREVENT UNAUTHORIZED ACCESS AT ALL TIMES.
- ALL PEDESTRIAN AREAS TO REMAIN OPEN SHALL BE KEPT CLEAN AND FREE OF DEBRIS AT ALL TIMES.
- PEDESTRIAN AND VEHICLE ACCESS TO EXISTING BUILDINGS IMPACTED BY CONSTRUCTION TO BE COORDINATED BY THE ENGINEER.
- SAFE ACCESS AND EGRESS TO ALL DRIVEWAYS MUST BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- SYMBOLS SHOWN FOR SIGNS AND TYPE III BARRICADES ARE GRAPHICAL ONLY. WHERE SIDEWALKS ARE TO REMAIN OPEN, SIGNS AND BARRICADES SHALL BE LOCATED TO PROVIDE A MINIMUM CLEAR PEDESTRIAN PATH OF 36" (EXCLUDING CURB).
- THE CONTRACTOR SHALL PROVIDE CLEAR ZONES AROUND TRUCK MOUNTED IMPACT ATTENUATOR DEVICES AS REQUIRED BY THE MANUFACTURER.
- THE CONTRACTOR SHALL PROGRAM THE PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) WITH THE ALTERNATING MESSAGES AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- TRUCK MOUNTED ATTENUATORS ON ROADWAYS WITH POSTED SPEED OF 30 MPH OR LESS MAY BE USED AT CONTRACTOR'S OPTION. AT ALL OTHER LOCATIONS, TRUCK MOUNTED ATTENUATORS WILL BE REQUIRED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

LEGEND

- TEMPORARY CONSTRUCTION SIGN, TYPE NOTED
- FLOURESCENT TRAFFIC CONE, R.I. STD. 26.1.0
- POLYETHYLENE DRUM, R.I. STD. 26.2.0
- POLICE OFFICER WITH CRUISER & FLASHING LIGHTS
- FLAGGER
- PORTABLE FLASHING ARROW
- WORK AREA
- TRAFFIC LANE DURING CONSTRUCTION
- TRUCK MOUNTED ATTENUATOR WITH FLASHING ARROW
- PLASTIC TYPE III BARRICADE R.I. STD. 26.3.0

ROADWAY SEGMENT POSTED SPEED LIMIT

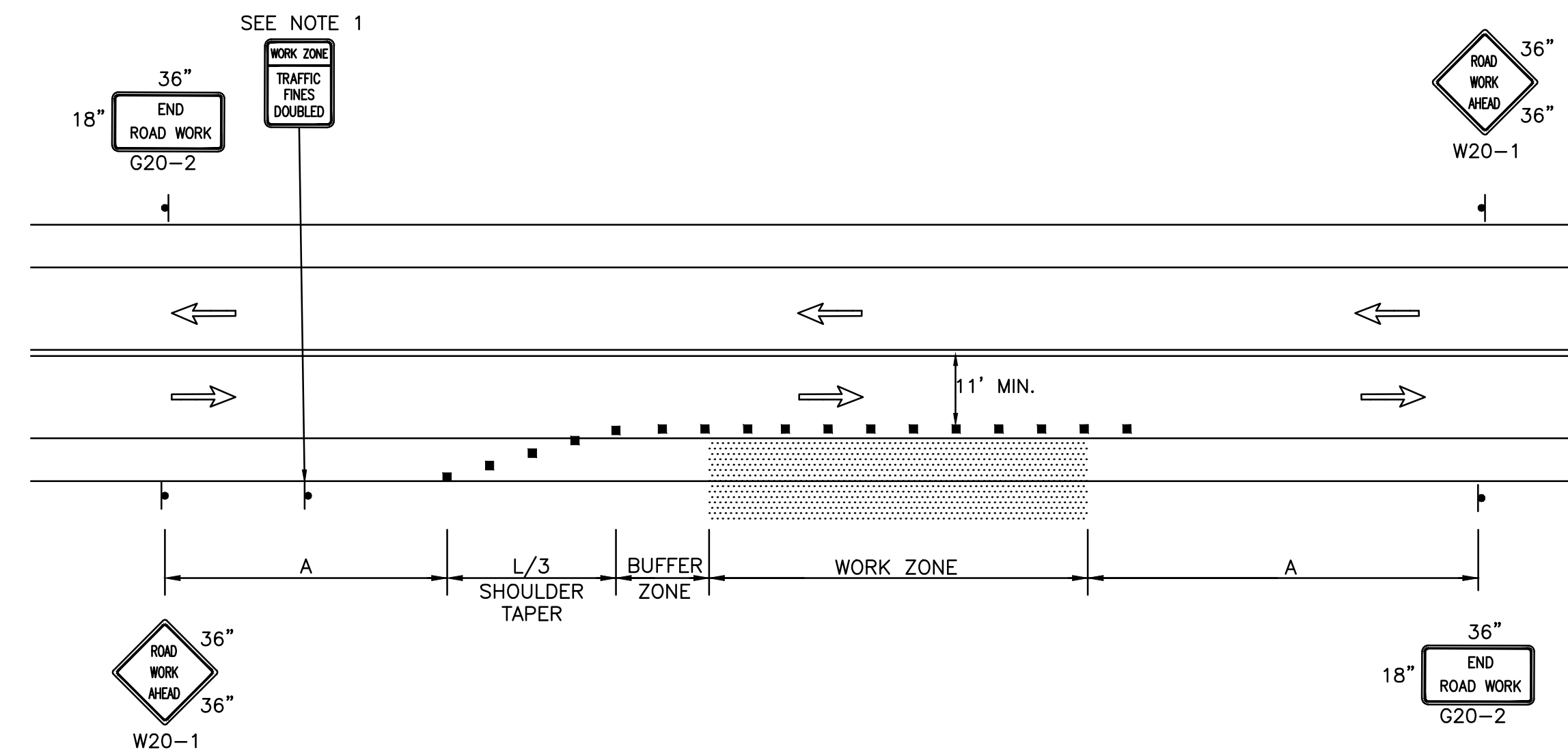
POSTED SPEED LIMIT	ROADWAY SEGMENT	CITY/TOWN
25 MPH	LIMEROCK ROAD	SMITHFIELD
30 MPH	R.I. ROUTE 2	SOUTH KINGSTOWN, NORTH KINGSTOWN, EXETER
VARIES 30-50 MPH	R.I. ROUTE 101	FOSTER, SCITUATE
50 MPH	U.S. ROUTE 1	SOUTH KINGSTOWN

TAPER AND BUFFER LENGTHS

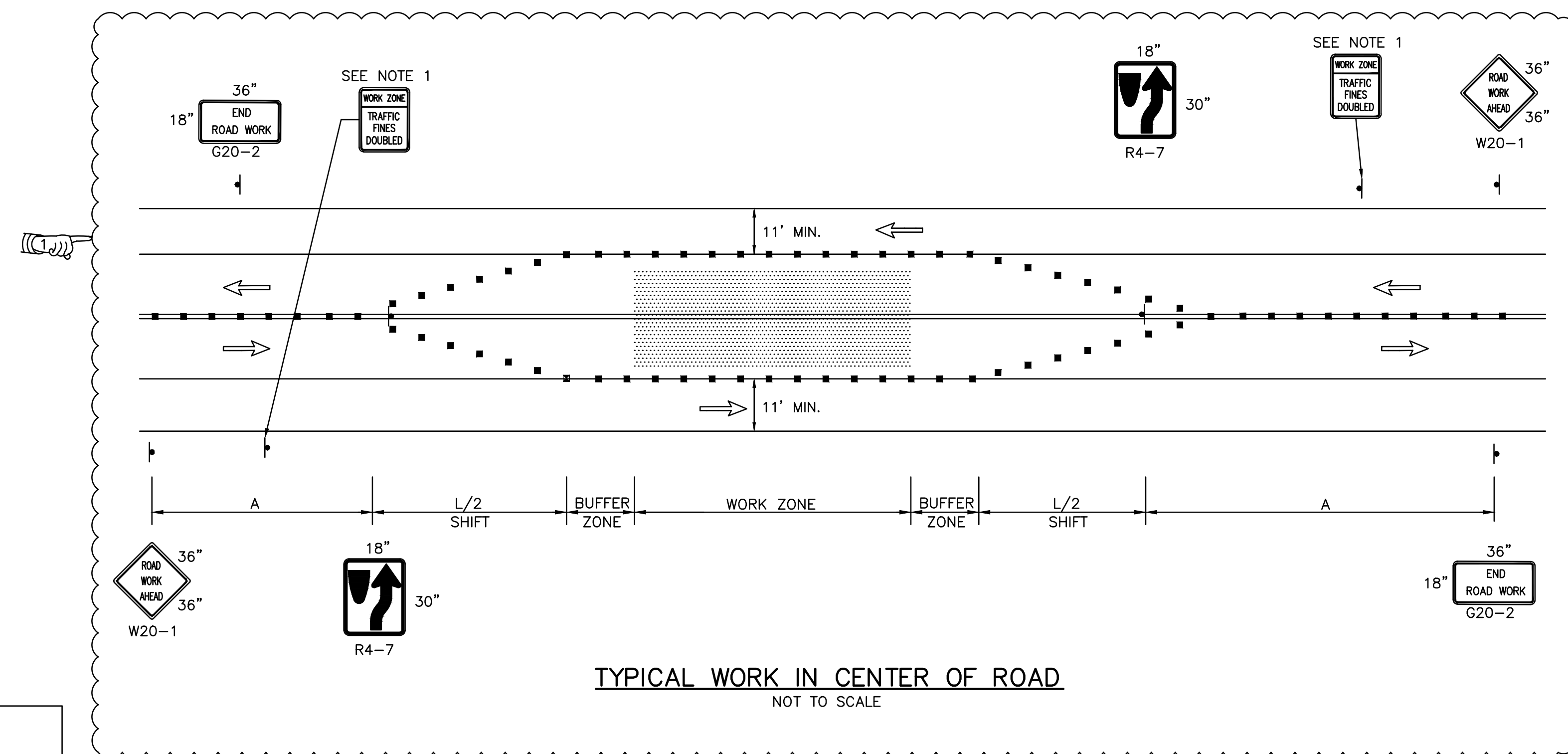
SPEED LIMIT	TAPER LENGTH (L) FEET	BUFFER SPACE FEET
25 MPH	125	55
30 MPH	180	85
35 MPH	245	120
40 MPH	320	170
45 MPH	540	220
50 MPH	600	280
65 MPH	780	490

MINIMUM ADVANCE WARNING SIGN SPACING

	DISTANCE BETWEEN SIGNS (FEET)		
	A	B	C
30 MPH OR LESS URBAN OR RURAL AREA	100	100	100
35 MPH OR GREATER URBAN AREA	350	350	350
35 MPH OR GREATER RURAL AREA	500	500	500
EXPRESSWAY/FREEWAY	1000	1500	2640



TYPICAL SHOULDER WORK WITH MINOR ENCROACHMENT
NOT TO SCALE



TYPICAL WORK IN CENTER OF ROAD
NOT TO SCALE

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RHODE ISLAND
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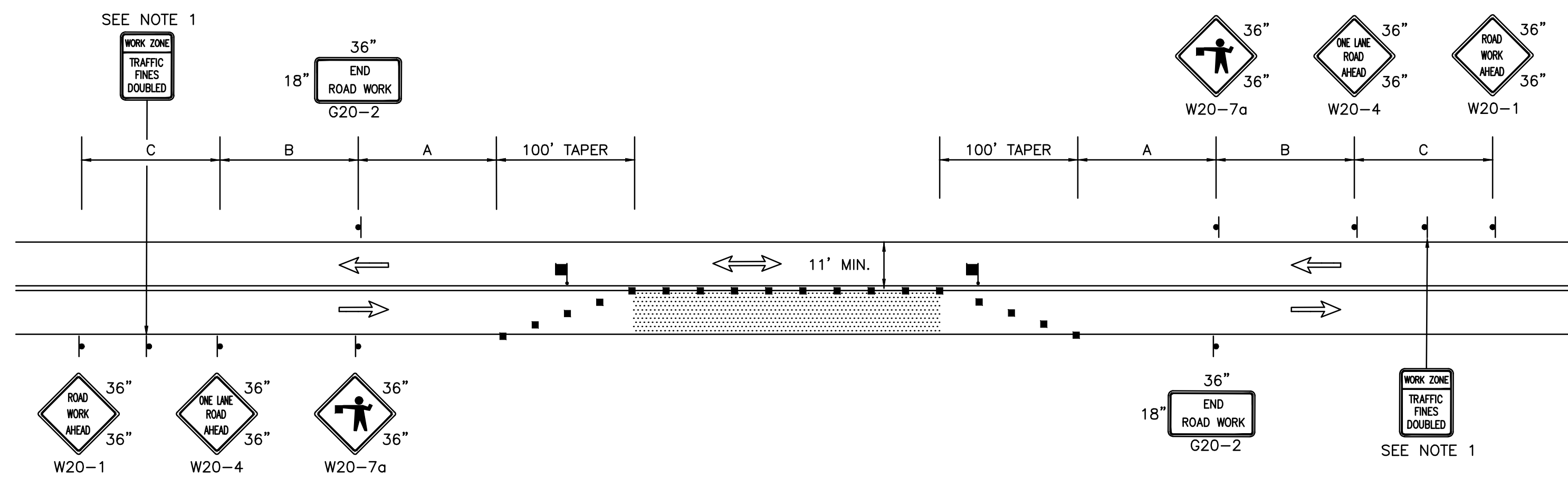
ROADWAY DEPARTURE MITIGATION - NON-FREEWAY ROADSIDE IMPROVEMENTS 2019 C1

STATEWIDE RHODE ISLAND

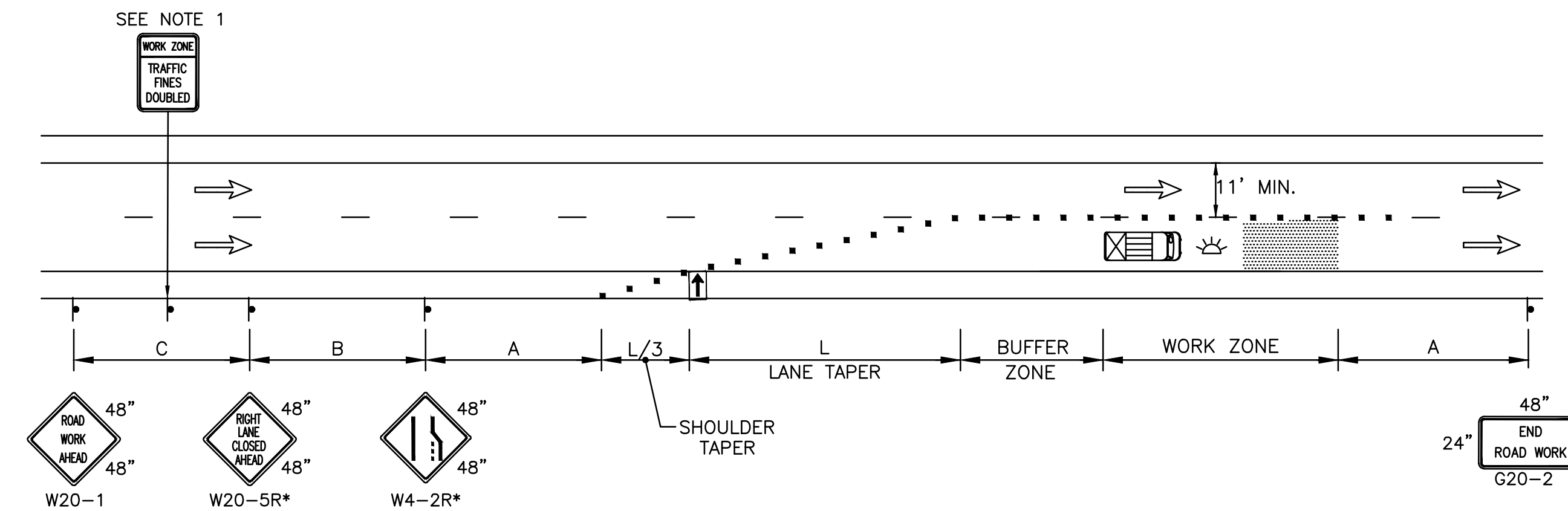
TRAFFIC CONTROL PLAN 1

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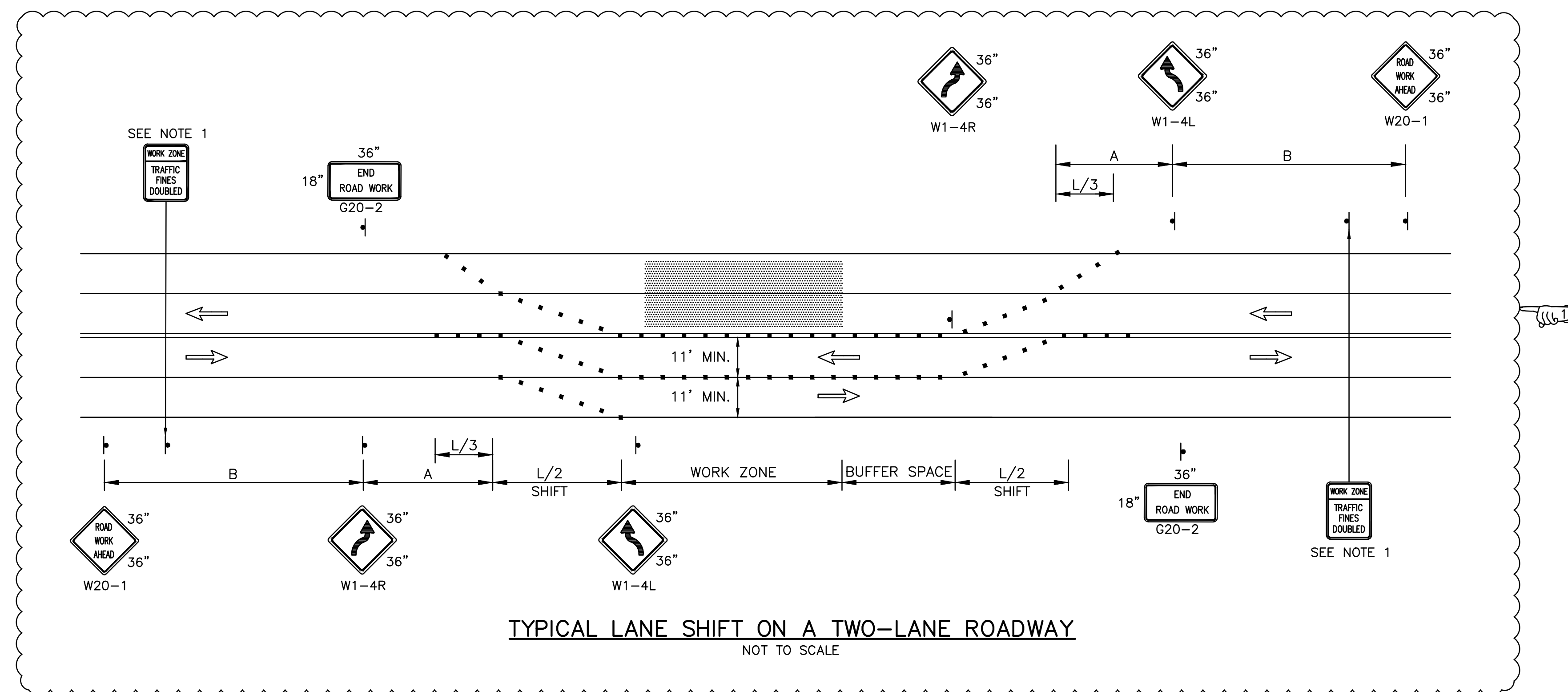
FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI			54	55



TYPICAL ONE-LANE CLOSURE WITH ALTERNATING TRAFFIC
NOT TO SCALE



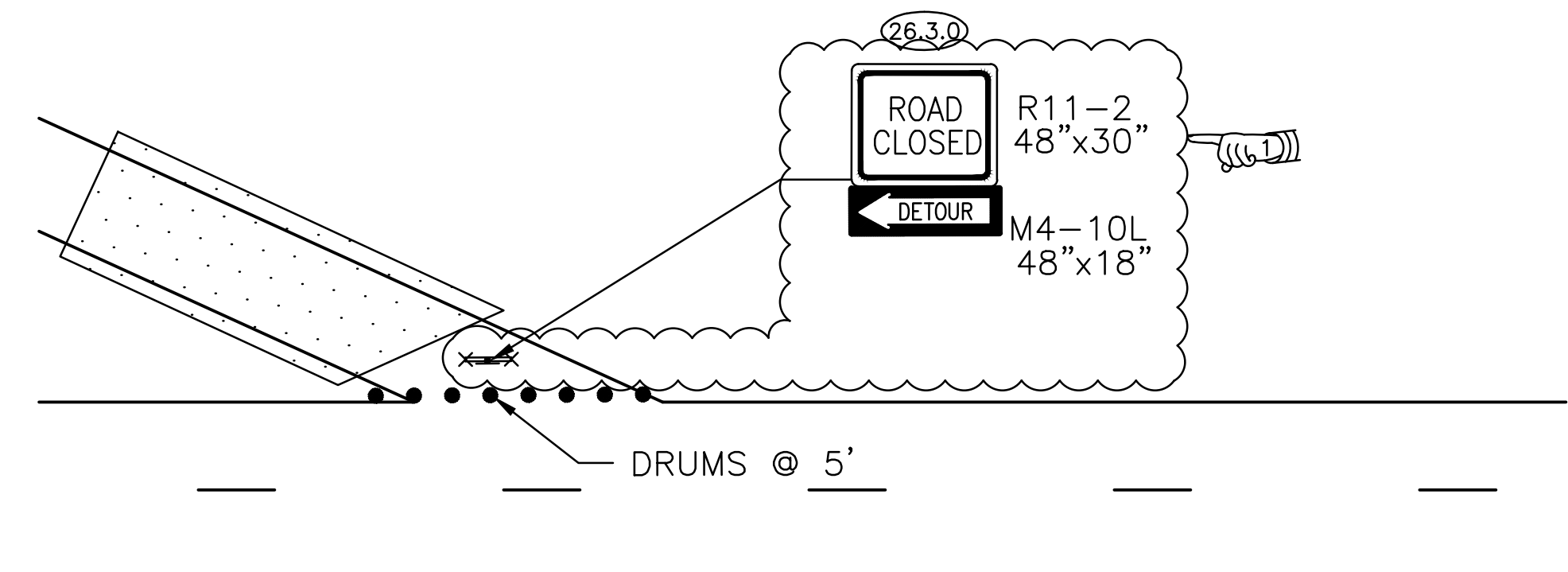
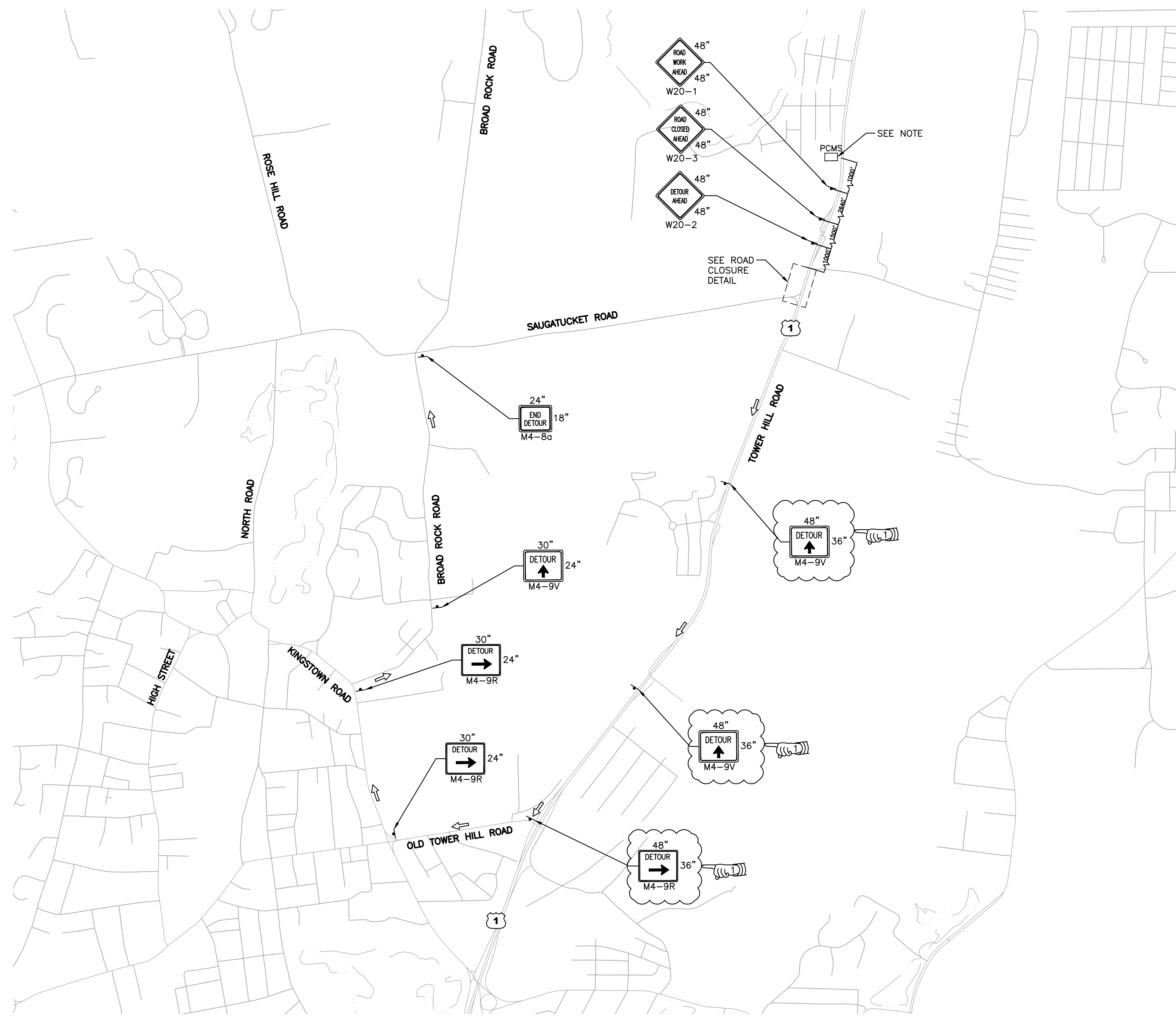
* FOR LEFT LANE CLOSURE, W20-5R AND W4-2R SIGNS SHALL BE REPLACED WITH W20-5L AND W4-2L SIGNS, RESPECTIVELY.
TYPICAL ONE-LANE CLOSURE ON A ONE-WAY MULTI-LANE ROADWAY
NOT TO SCALE



TYPICAL LANE SHIFT ON A TWO-LANE ROADWAY
NOT TO SCALE

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			STATEWIDE	RHODE ISLAND
			TRAFFIC CONTROL PLAN 2	
			CHECKED BY _____	DATE _____ SCALE _____

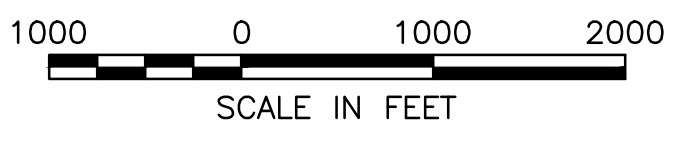
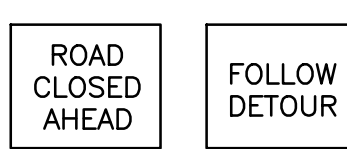
FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI			55	55



ROAD CLOSURE DETAIL
NOT TO SCALE

NOTE:

A PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) SHALL BE INSTALLED ON US ROUTE 1 IN ADVANCE OF THE ROAD CLOSURE SIGNS FOR THE DURATION OF THE DETOUR. THE PCMS SHALL BE CAPABLE OF DISPLAYING ALL PROPOSED MESSAGES AND CHARACTERS AS SHOWN BELOW. THE CONTRACTOR SHALL PROGRAM THE PCMS WITH THE ALTERNATING MESSAGE AS FOLLOWS:



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RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

ROADWAY DEPARTURE MITIGATION - NON-FREWAY ROADSIDE IMPROVEMENTS 2019 C1

STATEWIDE RHODE ISLAND

DETOUR PLAN NO. 1

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