STATE OF VERMONT
AGENCY OF TRANSPORTATION

INDEX OF SHEETS

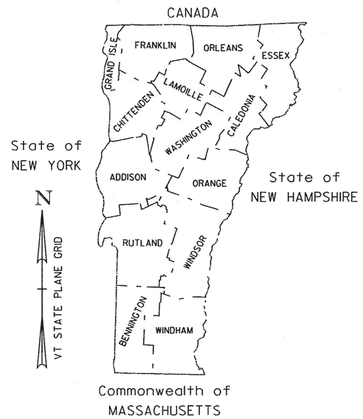
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7-8	TRAFFIC CONTROL PLAN SHEETS 1-2
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23	SHARON REST AREA NORTHBOUND LAYOUT
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25-26	I-91 MAINLINE TREATMENT SCHEMATICS 1-6
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32	US 4 DIVIDED HIGHWAY MAINLINE TREATMENT SCHEMATIC
33	MESSAGES FOR PCMS
34	MESSAGES FOR AWP/PV

STANDARD DRAWINGS

T-1	04-25-16
T-23	08-06-12
T-28	08-06-12

PROJECT LOCATIONS:

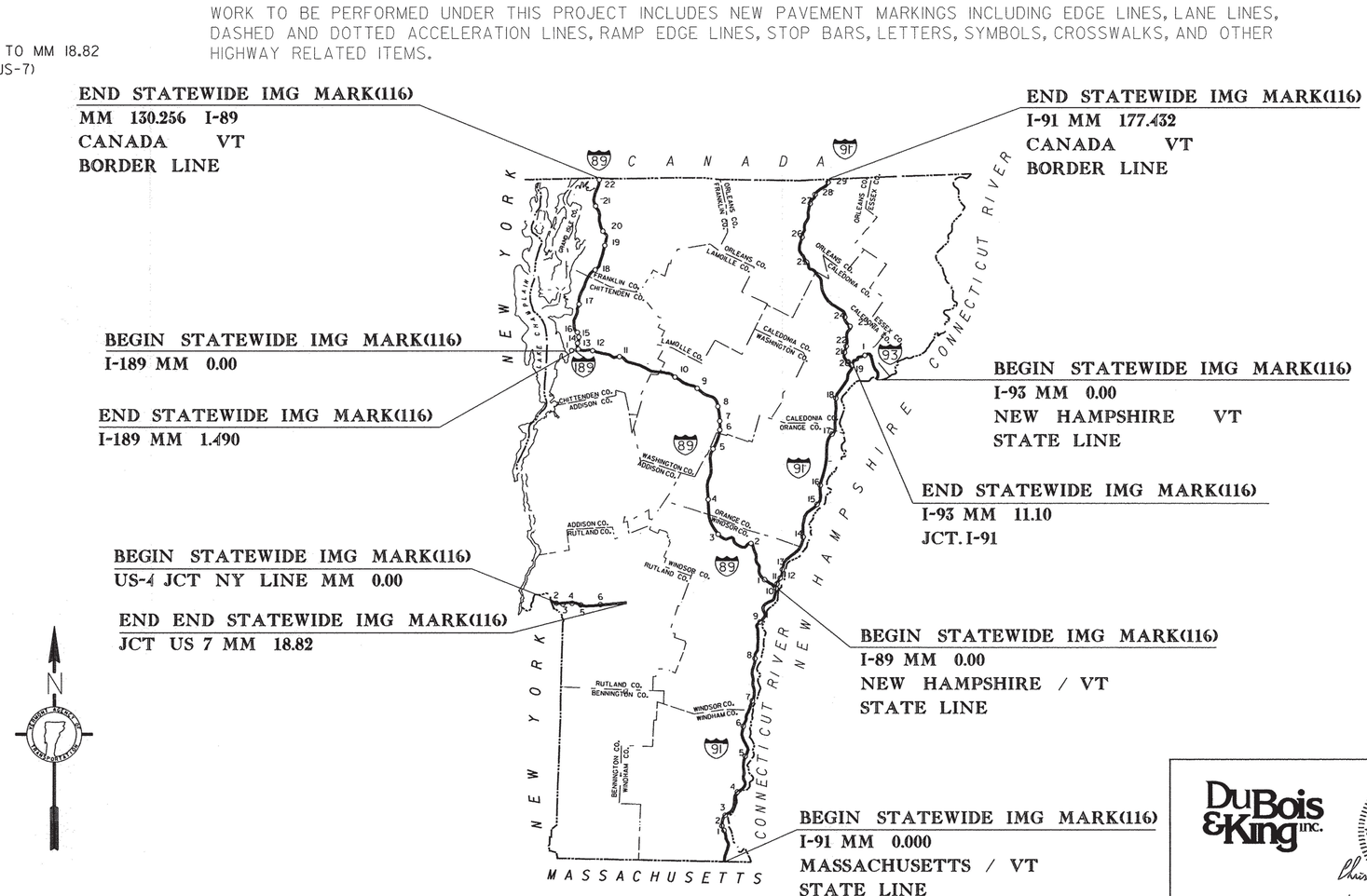
I-91 FROM MM 0.00 TO MM 177.432
I-89 FROM MM 0.00 TO MM 130.256
I-93 FROM MM 0.00 TO MM 11.100
I-189 FROM MM 0.00 TO MM 1.490
US-4 DIVIDED HIGHWAY FROM MM 0.00 TO MM 18.82
(NEW YORK STATE LINE TO JCT US-7)



PROPOSED IMPROVEMENT
STATEWIDE INTERSTATE MARKING

LENGTH OF PROJECT: 339.098 MILES

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES NEW PAVEMENT MARKINGS INCLUDING EDGE LINES, LANE LINES, DASHED AND DOTTED ACCELERATION LINES, RAMP EDGE LINES, STOP BARS, LETTERS, SYMBOLS, CROSSWALKS, AND OTHER HIGHWAY RELATED ITEMS.



CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2011, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JULY 20, 2011 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

QUALITY ASSURANCE PROGRAM : LEVEL I	
SURVEYED BY :	N/A
SURVEYED DATE :	N/A
DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

Record Plans
Contractor: L&D Safety Marking
Resident Engineer: Joshua Hulett
Construction Began: April 24, 2017
Construction Complete: September 28, 2018
Record Plans By: Joshua Hulett / Geri Waldo

I hereby certify that all construction required by this set of drawings has been accomplished as indicated herein.

BY: Josh Hulett Resident Engineer

Date: October 13, 2018

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.

Project Built as Per Plan

DuBois & King inc.

STATE OF VERMONT CHRISTOPHER D. LATHROP No. 8769 Civil LICENSED PROFESSIONAL ENGINEER
1/19/17

DIRECTOR OF PROJECT DELIVERY
APPROVED _____ DATE 1/23/2017

PROJECT MANAGER : PATRICIA COBURN, P.E.

PROJECT NAME : STATEWIDE
PROJECT NUMBER : IMG MARK(116)

SHEET 1 OF 34 SHEETS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES	TOTALS		DESCRIPTIONS			
	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND
3000	3000		HR	TRUCK-MOUNTED ATTENUATOR, AWV/PV	608.50	EST.
2000	2000		HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.
20	20		HR	FLAGGERS	630.15	EST.
1	1		LS	TRAFFIC CONTROL	641.10	-
4	4		EACH	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	-
2	2		EACH	PORTABLE ARROW BOARD	641.16	-
13032000	13032000		LF	6 INCH WHITE LINE, WATERBORNE PAINT	646.2141	150
10686000	10686000		LF	6 INCH YELLOW LINE, WATERBORNE PAINT	646.2151	-
285000	285000		LF	12 INCH WHITE LINE, WATERBORNE PAINT	646.241	264
8700	8700		LF	24 INCH STOP BAR, WATERBORNE PAINT	646.261	90
4750	4750		EACH	LETTER OR SYMBOL, WATERBORNE PAINT	646.301	14
1200	1200		LF	CROSSWALK MARKING, WATERBORNE PAINT	646.311	31
8	8		EACH	RAILROAD CROSSING SYMBOL, WATERBORNE PAINT	646.321	-
500	500		SF	REMOVAL OF EXISTING PAVEMENT MARKINGS	646.85	EST.
1	1		LS	SPECIAL PROVISION (MOBILIZATION/DEMOBILIZATION)	900.645	-

DETAILED SUMMARY OF QUANTITIES

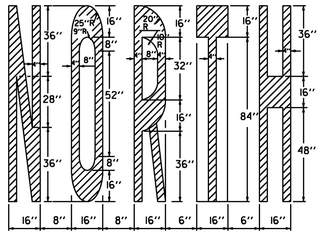
QUANTITIES	UNIT	ITEMS
		6 INCH WHITE LINE, WATERBORNE PAINT
4405873	LF	2017*
2367744	LF	2017 REAPPLY*
4070643	LF	2018**
2187590	LF	2018 REAPPLY**
13031850	LF	SUBTOTAL
150	LF	ROUNDING
13032000	LF	TOTAL
		6 INCH YELLOW LINE, WATERBORNE PAINT
3565156	LF	2017*
1989149	LF	2017 REAPPLY*
3293895	LF	2018**
1837800	LF	2018 REAPPLY**
10686000	LF	SUBTOTAL
0	LF	ROUNDING
10686000	LF	TOTAL
		12 INCH WHITE LINE, WATERBORNE PAINT
140084	LF	2017*
144652	LF	2018***
284736	LF	SUBTOTAL
264	LF	ROUNDING
285000	LF	TOTAL
		24 INCH STOP BAR, WATERBORNE PAINT
4236	LF	2017*
4374	LF	2018***
8610	LF	SUBTOTAL
90	LF	ROUNDING
8700	LF	TOTAL
		LETTER OR SYMBOL, WATERBORNE PAINT
2330	LF	2017*
2406	LF	2018***
4736	LF	SUBTOTAL
14	LF	ROUNDING
4750	LF	TOTAL
		CROSSWALK MARKING, WATERBORNE PAINT
575	LF	2017*
594	LF	2018***
1169	LF	SUBTOTAL
31	LF	ROUNDING
1200	LF	TOTAL
		THE WORK UNDER THIS CONTRACT SHALL BE COMPLETED
		IN TWO SUCCESSIVE CONSTRUCTION SEASONS. A COMPLETE
		APPLICATION OF MARKINGS, INCLUDING REAPPLY AREAS
		AS SPECIFIED IN THE CONTRACT DOCUMENTS AND AS
		DIRECTED BY THE ENGINEER, SHALL BE COMPLETED IN EACH
		CONSTRUCTION SEASON. REAPPLY AREAS WILL BE MAINLINE
		OF I-89, I-189, AND I-91 SEE THE SPECIAL PROVISIONS
		FOR SPECIFIC CONTRACT COMPLETION AND REQUIREMENTS
		REAPPLY AREA
		BASED ON ANTICIPATED PAVING SCHEDULES, A FRACTION
		OF THE OVERALL QUANTITY HAS BEEN GAPPED OUT FOR
		EACH YEAR AS NOTED BELOW. UDATED LOCATIONS AND
		LENGTHS WILL BE PROVIDED AT PRECONSTRUCTION
		*8% GAP OUT APPLIED
		**15% GAP OUT APPLIED
		***5% GAP OUT APPLIED

PROJECT NAME: STATEWIDE
PROJECT NUMBER: IMG MARK(116)

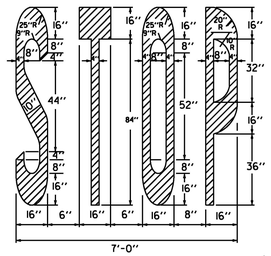
FILE NAME: z16t084.dgn
PROJECT LEADER: C. LATHROP
DESIGNED BY: P. DAY
QUANTITY SHEET

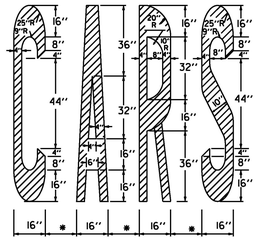
PLOT DATE: 1/23/2017
DRAWN BY: P. DAY
CHECKED BY: C. LATHROP
SHEET 2 OF 34

TYPICAL PAVEMENT MARKINGS

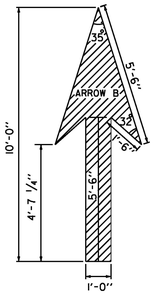


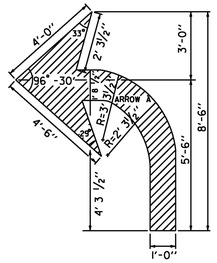
ADJUST TO AVAILABLE PAVEMENT WIDTH

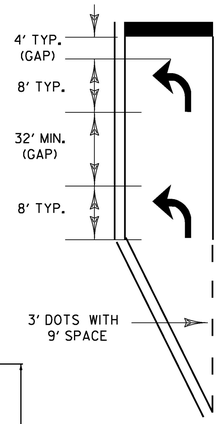




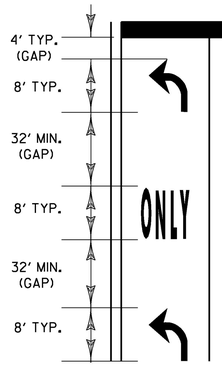
(* 6'') - ADJUST TO AVAILABLE PAVEMENT WIDTH



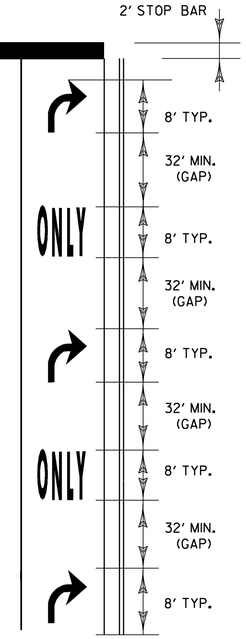




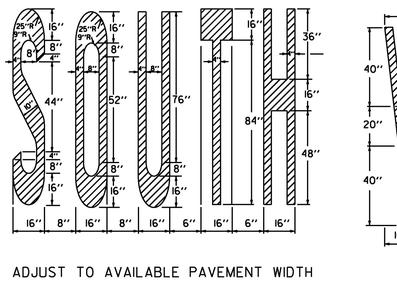
50'-100' TYP. TURN LANE



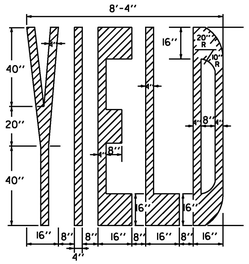
100' TYP. TURN LANE

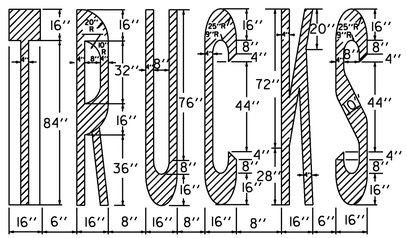


200' TYP. TURN LANE

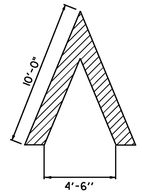


ADJUST TO AVAILABLE PAVEMENT WIDTH

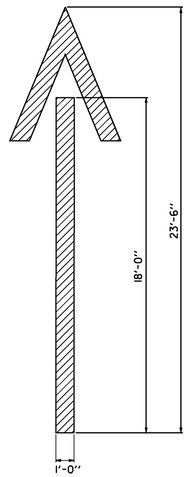




ADJUST TO AVAILABLE PAVEMENT WIDTH

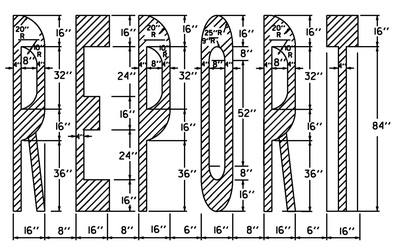


ARROW HEAD DETAIL

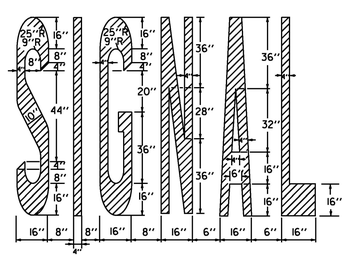


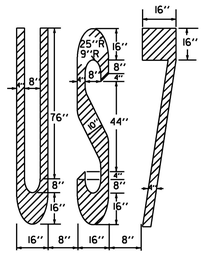
WRONG WAY ARROW

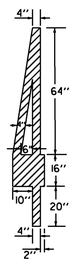
1. TURN ARROWS SHALL BE PLACED AT THE BEGINNING AND END OF THE LEFT OR RIGHT TURN LANE.
2. IF LANE LENGTH IS LESS THAN 100', TURN ARROWS SHOULD BE PLACED AT THE BEGINNING AND END OF THE LEFT OR RIGHT TURN LANE.
3. THE "ONLY" WORD MARKINGS SHALL BE USED TO SUPPLEMENT LANE-USE ARROW MARKINGS FOR TURN LANES 100' OR LONGER.
4. MORE ARROWS AND ONLY'S ARE OPTIONAL WHEN SPACE PERMITS. ARROW MARKINGS START AT THE BEGINNING OF THE SOLID LANE LINE.
5. STOP BARS ARE INSTALLED ONLY WHERE A STOP SIGN OR TRAFFIC SIGNAL ARE LOCATED. STOP LETTERS ARE OPTIONAL. IF INSTALLED THEY SHALL BE 4' FROM THE STOP BAR.
6. THE LONGITUDINAL SPACE BETWEEN WORD OR SYMBOL MESSAGE MARKINGS, SHOULD BE AT LEAST FOUR TIMES THE HEIGHT OF THE CHARACTERS FOR LOW SPEED ROADS, BUT NOT MORE THAN TEN TIMES THE HEIGHT OF THE CHARACTERS UNDER ANY CONDITIONS.
7. EXCLUSIVE TURN LANE LINES (LEFT OR RIGHT) SHALL BE SOLID AND EXTEND BACK FROM THE STOP LINE TO THE POINT OF FULL LANE WIDTH OF THE TURN LANE. 3' DOTS WITH A 9' SPACE SHOULD BE EXTENDED THE FULL LENGTH OF THE LANE TAPER.

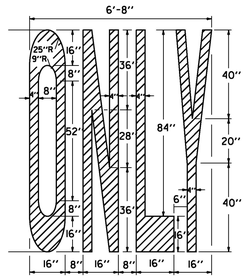


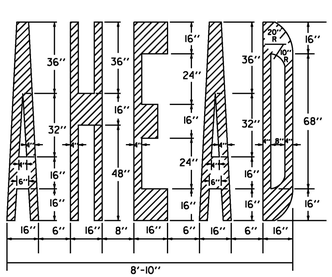
ADJUST TO AVAILABLE PAVEMENT WIDTH





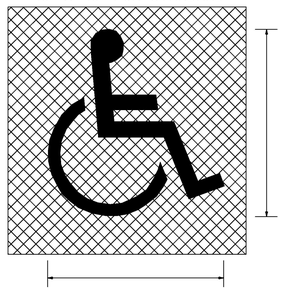






PAVEMENT MARKING DETAILS

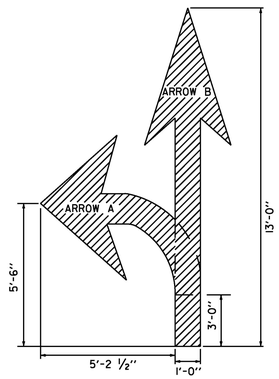
BLUE BACKGROUND
36'' X 36'' FOR MINIMUM
48'' X 48'' FOR STANDARD



HEIGHT OF SYMBOL
MINIMUM 28''
STANDARD 41''

WIDTH OF SYMBOL MINIMUM 24''
STANDARD 36''

HANDICAPPED SYMBOL WITH BLUE BACKGROUND
TO BE PAID AS TWO SYMBOLS
WITHOUT BLUE BACKGROUND TO BE PAID AS
ONE SYMBOL



TO BE PAID AS TWO SYMBOLS

ARROW DETAILS

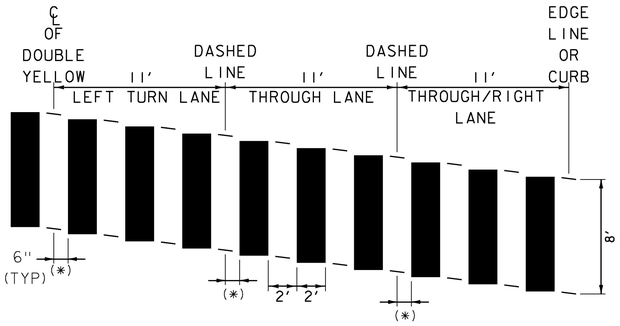
TYPICAL MARKINGS FOR TURN LANES

NOT TO SCALE

PROJECT NAME:	STATEWIDE
PROJECT NUMBER:	IMG MARK(116)

FILE NAME: z16t084.dgn	PLOT DATE: 1/23/2017
PROJECT LEADER: C. LATHROP	DRAWN BY: P. DAY
DESIGNED BY: P. DAY	CHECKED BY: C. LATHROP
TYPICAL PAVEMENT MARKINGS SHEET 1	SHEET 3 OF 34

TYPICAL PAVEMENT MARKINGS

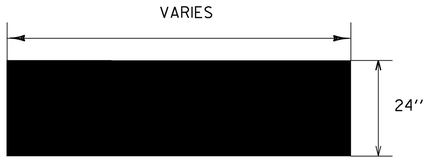


SKEWED CROSSWALK PATTERN DETAIL

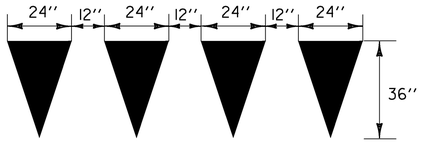
NOTES

1. THIS DETAIL IS CONFIGURED FOR AN 11 FOOT LANE.
2. MARK LIGHT STRING LINE ON PAVEMENT ACROSS ROADWAY (CURB TO CURB).
3. ESTABLISH THE CENTERLINE OF THE ROADWAY (DOUBLE YELLOW LINE OR LANE LINE).
4. BLOCKS ARE PARALLEL OF THE CENTERLINE (DOUBLE YELLOW LINE OR LANE LINE). (OFFSET BLOCKS VERTICALLY TO ACHIEVE REQUIRED SKEW).
5. ALWAYS START MEASURING FROM THE CENTERLINE OR LANE LINE RIGHT, WITH THE FLOW OF TRAFFIC.
6. PAINTED BLOCKS ARE 24 INCHES (TYPICAL).

(*)7. THIS DISTANCE WILL INCREASE TO 1 FOOT FOR 12 FOOT LANES.

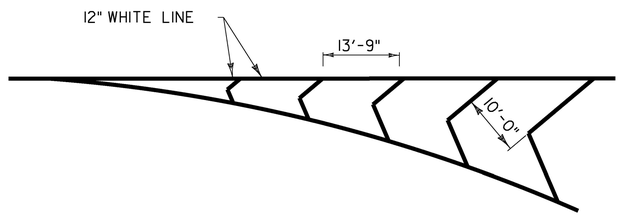


STOP BAR DETAIL

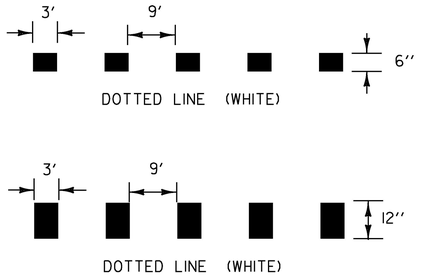


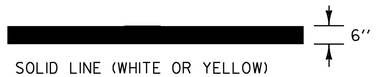
YIELD LINE DETAILS

TO BE INSTALLED ONLY AT THE DIRECTION OF THE ENGINEER TO BE PAID AS ONE LETTER OR SYMBOL PER TRIANGLE



CHEVRON GORE MARKING DETAIL

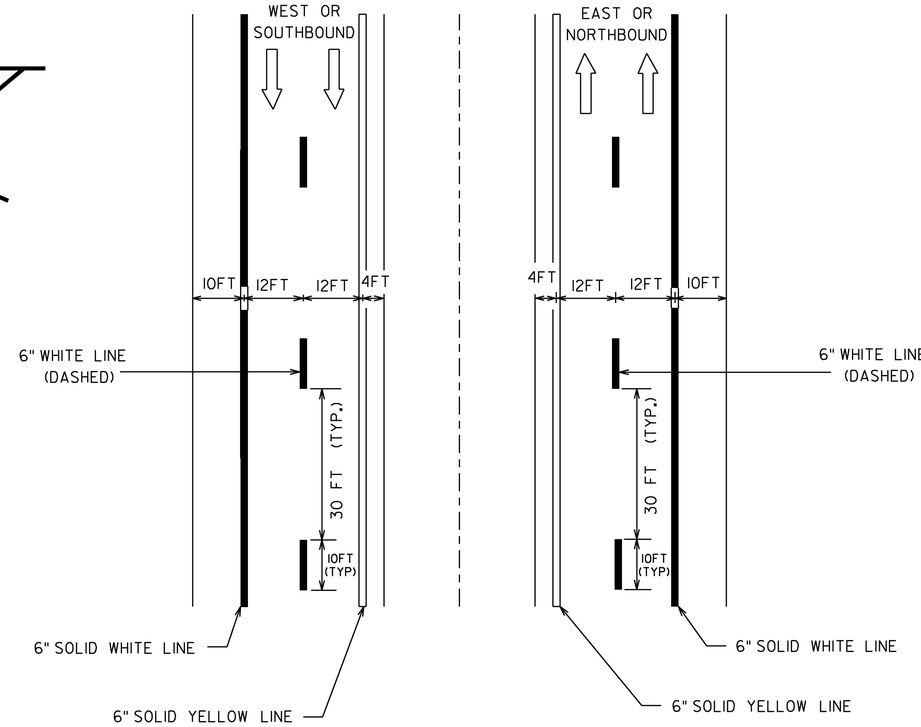








PAVEMENT MARKING LINE DETAILS



TYPICAL MAINLINE MARKING PLAN

NOTE:

SIX INCH SOLID WHITE LINE SHALL BE USED TO DELINEATE PARKING SPACES IN REST AREAS, PARKING AREAS, WEIGH STATIONS AND BORDER STATIONS. QUANTITIES ARE INCLUDED IN SIX INCH WHITE LINE RAMP QUANTITIES.

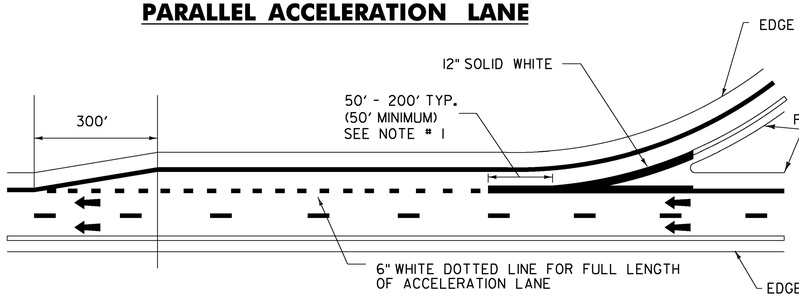
NOT TO SCALE

PROJECT NAME:	STATEWIDE
PROJECT NUMBER:	IMG MARK(116)

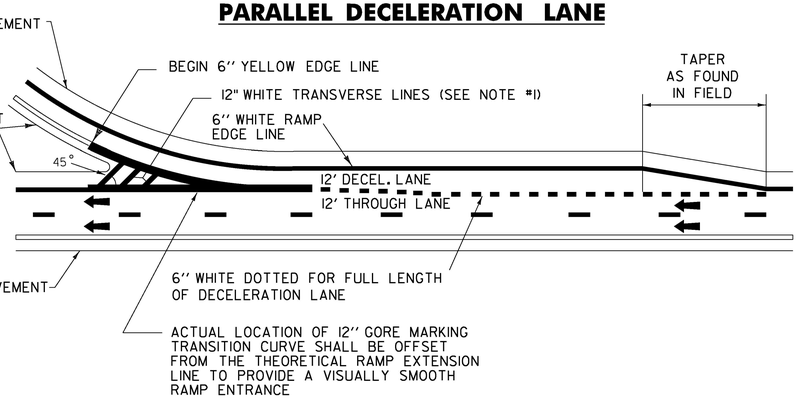
FILE NAME: z16t084.dgn	PLOT DATE: 1/23/2017
PROJECT LEADER: C. LATHROP	DRAWN BY: P. DAY
DESIGNED BY: P. DAY	CHECKED BY: C. LATHROP
TYPICAL PAVEMENT MARKING SHEET 2	SHEET 4 OF 34

TYPICAL PAVEMENT MARKINGS

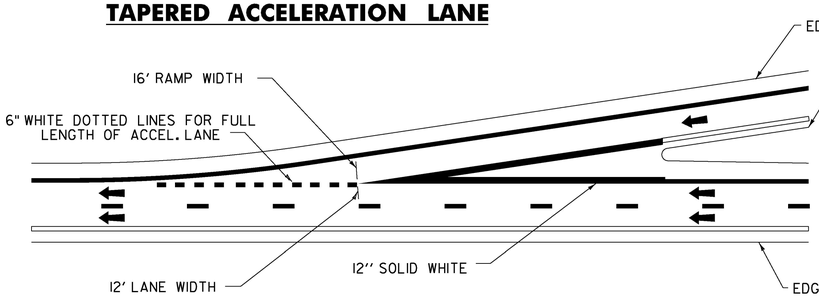
PARALLEL ACCELERATION LANE



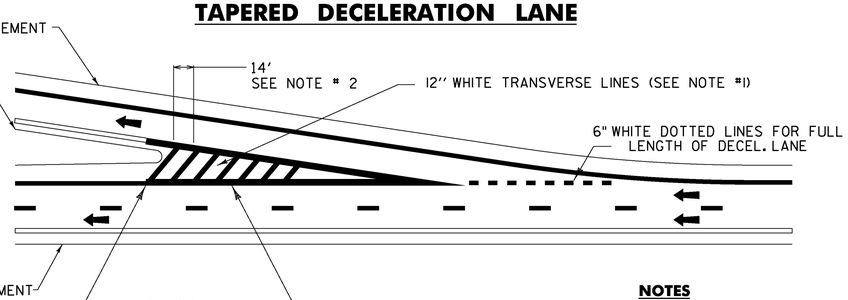
PARALLEL DECELERATION LANE



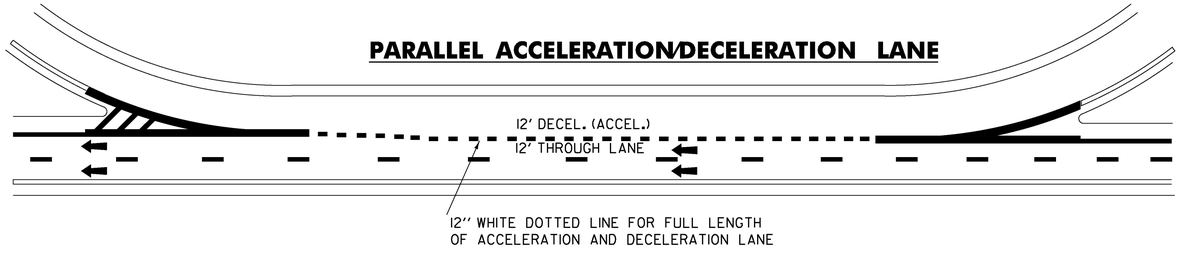
TAPERED ACCELERATION LANE



TAPERED DECELERATION LANE



PARALLEL ACCELERATION/DECELERATION LANE



NOTES

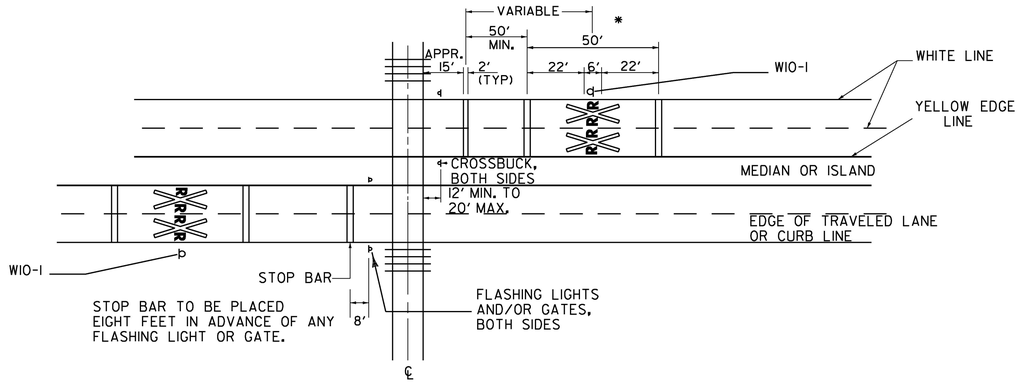
1. MATCH EXISTING GORE MARKINGS IN THE FIELD. EITHER TRANSVERSE LINES OR CHEVRON PATTERN. IF NO MARKINGS ARE PRESENT, INSTALL CHEVRON PATTERN GORE MARKINGS.
2. TRANSVERSE LINES SHALL CONSIST OF 12'' WHITE LINES SPACED 14'-0'' C-C AND SET AT 45 DEGREES TO MAIN LINE EDGE LINES. THESE MARKINGS SHALL BE USED TO INCREASE VISIBILITY DUE TO DIFFICULT VERTICAL OR HORIZONTAL ALIGNMENT, AS DIRECTED BY THE ENGINEER.
3. DOTTED LINE PATTERNS SHOULD BE MODIFIED IN THE FIELD TO OVERLAY EXISTING DOTS WHERE PRESENT.
4. 12 INCH WHITE TRANSVERSE LINES SHALL SUPERCEDE EXISTING EIGHT INCH WHITE LINES.
5. EDGE LINES SHALL BE PAINTED TO THE CONNECTION OF THE EDGE LINE (OR TRAVEL LANE WHERE THERE IS NO EDGE LINE) ON THE CROSS ROAD AT THE RAMP TERMINALS.
6. A QUANTITY OF REMOVAL OF EXISTING PAVEMENT MARKINGS HAS BEEN INCLUDED IN THIS CONTRACT. THIS ITEM IS TO BE USED AT THE DIRECTION OF THE ENGINEER.

NOT TO SCALE

PROJECT NAME:	STATEWIDE
PROJECT NUMBER:	IMG MARK(116)

FILE NAME: z16t084.dgn	PLOT DATE: 1/23/2017
PROJECT LEADER: C. LATHROP	DRAWN BY: P. DAY
DESIGNED BY: P. DAY	CHECKED BY: C. LATHROP
TYPICAL PAVEMENT MARKING SHEET 3	SHEET 5 OF 34

TYPICAL PAVEMENT MARKINGS



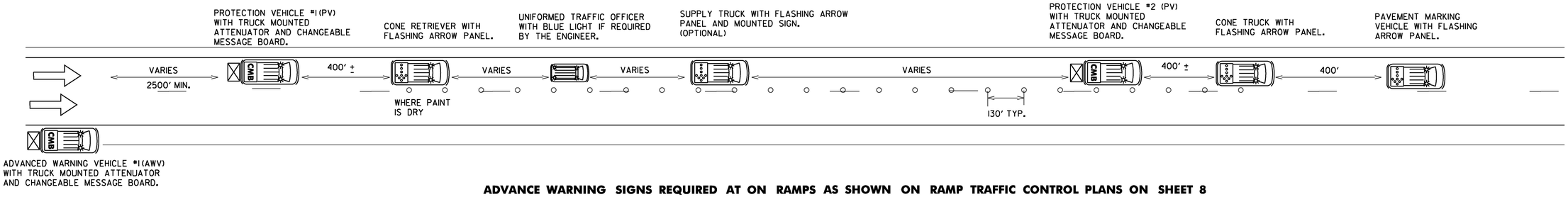
4 LANE DIVIDED HIGHWAY

NOT TO SCALE

PROJECT NAME:	STATEWIDE
PROJECT NUMBER:	IMG MARK(116)

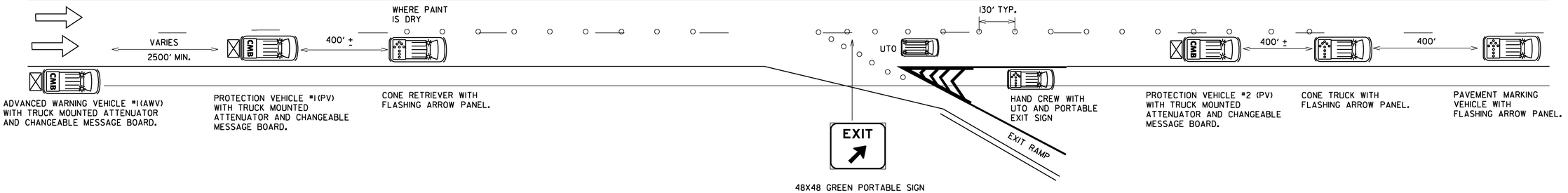
FILE NAME: z16t084.dgn	PLOT DATE: 1/23/2017
PROJECT LEADER: C. LATHROP	DRAWN BY: P. DAY
DESIGNED BY: P. DAY	CHECKED BY: C. LATHROP
TYPICAL PAVEMENT MARKING SHEET 4	SHEET 6 OF 34

LEFT LANE CLOSED CONTROL PLAN



ADVANCE WARNING SIGNS REQUIRED AT ON RAMPS AS SHOWN ON RAMP TRAFFIC CONTROL PLANS ON SHEET 8

RIGHT LANE AND GORE TRAFFIC CONTROL PLAN



ADVANCE WARNING SIGNS REQUIRED AT ON RAMPS AS SHOWN ON RAMP TRAFFIC CONTROL PLANS ON SHEET 8

NOTES

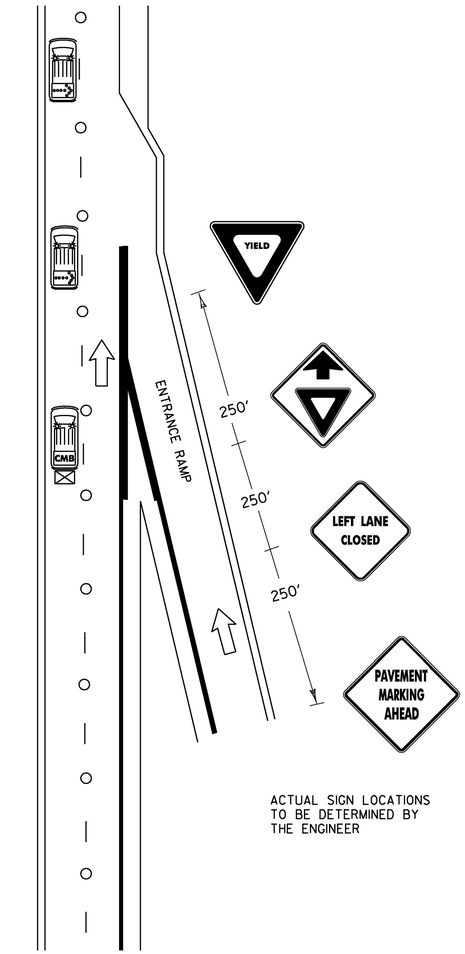
1. ALL WORK VEHICLES USED ON THE INTERSTATE SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING OR STROBE LIGHTS.
2. ALL PROTECTION VEHICLES SHALL BE EQUIPPED WITH A TRUCK MOUNTED ATTENUATOR AND A CHANGEABLE MESSAGE BOARD. PAYMENT WILL BE MADE UNDER ITEM 608.50. SEE SHEET 32 FOR MESSAGES.
3. FLASHING ARROW PANELS MOUNTED TO VEHICLES WILL NOT BE PAID FOR DIRECTLY, BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 641.10.
4. ADVANCED WARNING VEHICLE #1 SHALL TRAVEL AT A VARYING DISTANCE (2500' MIN.) FROM PROTECTION VEHICLE #1 TO ENSURE ADEQUATE SIGHT DISTANCE FOR TRAFFIC APPROACHING FROM THE REAR.
5. UNIFORMED TRAFFIC OFFICER (UTO) REQUIRED FOR NIGHT WORK, WHEN ANY WORK IS BEING DONE ON RAMPS OR GORES, AND AT OTHER TIMES AS DIRECTED BY THE ENGINEER.
6. THE NUMBER OF CHANNELIZING DEVICES AND OTHER TRAFFIC CONTROL DEVICES SHOWN ON THIS SHEET ARE FOR ILLUSTRATIVE PURPOSES ONLY. THE ACTUAL NUMBER REQUIRED IS TO BE DETERMINED BASED ON FIELD CONDITIONS.
7. CHANNELIZING DEVICES SHALL BE PLACED AS FOLLOWS:
   TAPERS - DEVICES SHALL BE SPACED A MAXIMUM OF "S" (THE SPEED LIMIT IN FEET) APART.
   TANGENT - DEVICES SHALL BE PLACED TWO TIMES "S" (THE SPEED LIMIT IN FEET) APART.
8. ALL DISTANCES ARE DESIRABLE MINIMUMS, FIELD CONDITIONS SHALL CONTROL THE ACTUAL PLACEMENT.
9. CONE VEHICLES SHALL HAVE PROTECTIVE CAGES TO PROTECT THE PERSON PLACING AND RETRIEVING CONES.
10. ALL SIGNS SHALL BE IN PLACE BEFORE WORK BEGINS ON RAMPS OR GORES.
11. MAXIMUM ALLOWABLE LANE CLOSURE IS THREE MILES.

LEGEND

- INDICATES TRAFFIC FLOW
- FLASHING ARROW PANEL
- TRUCK MOUNTED ATTENUATOR
- CMB — CHANGEABLE MESSAGE BOARD
- 28" RETROREFLECTORIZED CONES
- MARKING OPERATIONS VEHICLE
- UNIFORMED TRAFFIC CONTROL OFFICER WITH BLUE LIGHT

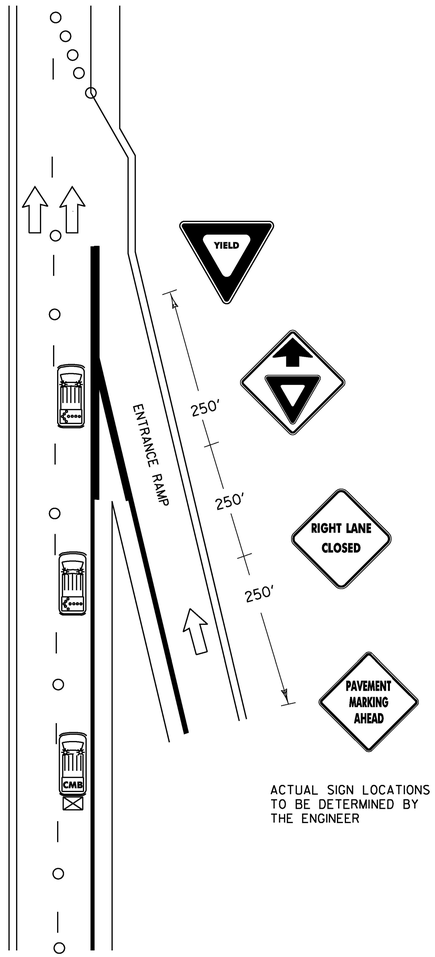
NOT TO SCALE

PROJECT NAME:	STATEWIDE
PROJECT NUMBER:	IMG MARK(116)
FILE NAME: z16t084.dgn	PLOT DATE: 1/23/2017
PROJECT LEADER: C. LATHROP	DRAWN BY: P. DAY
DESIGNED BY: P. DAY	CHECKED BY: C. LATHROP
TRAFFIC CONTROL PLAN SHEET 1	SHEET 7 OF 34



ACTUAL SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER

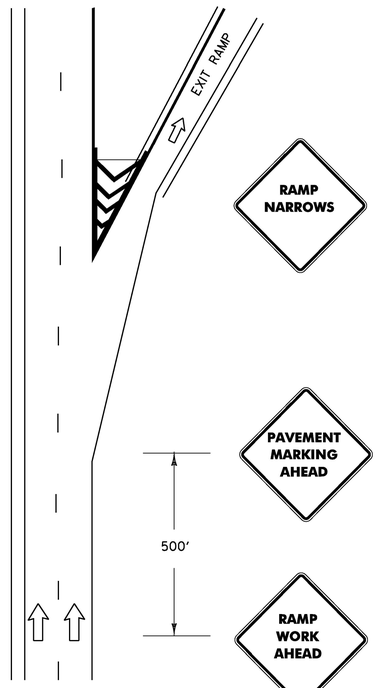
LEFT LANE CLOSED RAMP TRAFFIC CONTROL PLAN (MAINLINE)



ACTUAL SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER

RIGHT LANE CLOSED RAMP TRAFFIC CONTROL PLAN (EDGELINE)

ADVANCED WARNING SIGNS FOR RAMPS



RAMP TRAFFIC CONTROL PLAN (EXIT)

ACTUAL SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER

NOTES

1. ALL WORK VEHICLES USED ON THE INTERSTATE SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING OR STROBE LIGHTS.
2. ALL HAND WORK MUST BE DONE WITH A SPOTTER AT ALL TIMES.
3. CONE TAPERS SHALL BE USED TO DIRECT TRAFFIC AROUND WORKERS AND WET PAINT ON RAMPS.
4. UNIFORMED TRAFFIC OFFICER (UTO) REQUIRED FOR NIGHT WORK, WHEN ANY WORK IS BEING DONE ON RAMPS OR GORES, AND AT OTHER TIMES AS DIRECTED BY THE ENGINEER.
5. ALL SIGNS SHALL BE IN PLACE BEFORE WORK BEGINS ON RAMPS OR GORES.
6. PORTABLE LIGHT TOWERS SHALL BE USED WHEN DOING HAND WORK AT NIGHT. PAYMENT WILL BE CONSIDERED INCIDENTAL TO ITEM 641.10.
7. HAND BLOWERS OR BROOM MAY BE REQUIRED FOR DIRT REMOVAL. PAYMENT WILL BE CONSIDERED TO BE INCIDENTAL TO THE MARKING ITEM APPLIED AT THAT LOCATION.

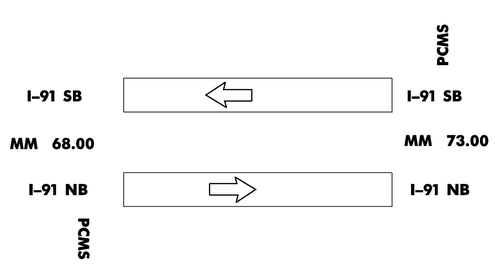
LEGEND

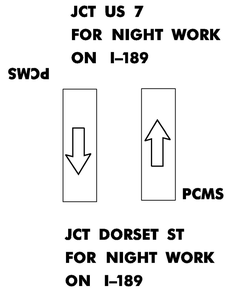
- INDICATES TRAFFIC FLOW
- FLASHING ARROW PANEL
- TRUCK MOUNTED ATTENUATOR
- CMB — CHANGEABLE MESSAGE BOARD
- 28'' RETROREFLECTORIZED CONES

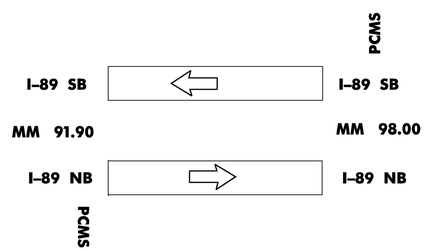
NOT TO SCALE

PROJECT NAME: STATEWIDE	
PROJECT NUMBER: IMG MARK(116)	
FILE NAME: z16t084.dgn	PLOT DATE: 1/23/2017
PROJECT LEADER: C. LATHROP	DRAWN BY: P. DAY
DESIGNED BY: P. DAY	CHECKED BY: C. LATHROP
TRAFFIC CONTROL PLAN SHEET 2	SHEET 8 OF 34

TRAFFIC CONTROL DEVICES







NOTES

NIGHT WORK IN CHITTENDEN COUNTY AND WHITE RIVER JCT AREA

ACTUAL PCMS LOCATIONS TO BE DETERMINED BY THE ENGINEER

I-89 NIGHT WORK
MM 78.40 - MM 98.00
INCLUDES EXIT 17 RAMPS

I-91 NIGHT WORK
MM 68.00 - MM 73.00
INCLUDES EXIT RAMPS

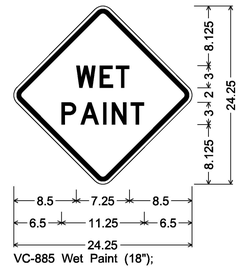
I-189 NIGHT WORK
MM 0.00 - MM 1.49
INCLUDES EXIT RAMPS

PCMS PLACEMENT FOR NIGHT WORK IN CHITTENDEN COUNTY AND WHITE RIVER JCT AREA

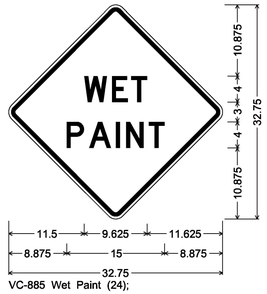
PCMS = PORTABLE CHANGEABLE MESSAGE SIGNS

= DIRECTION OF TRAVEL

SEE TYPICAL APPLICATION 42
MUTCD 2009 (REV.)



VC-885 Wet Paint (18");
18.000" across sides 1.500" Radius, 0.625" Border, 0.375" Indent, Black on Fluorescent orange;
[WET] D; [PAINT] D;



VC-885 Wet Paint (24);
24.000" across sides 1.500" Radius, 0.625" Border, 0.375" Indent, Black on Fluorescent orange;
[WET] D; [PAINT] D;

NOTES

1. PCMS IN CHITTENDEN COUNTY ARE TO BE PLACED ONE WEEK PRIOR TO COMMENCING NIGHT APPLICATIONS AND REMAIN UNTIL NIGHT APPLICATIONS HAVE ENDED.
2. PCMS IN THE WHITE RIVER JCT AREA ARE TO BE PLACED ONE WEEK PRIOR TO COMMENCING NIGHT APPLICATIONS AND REMAIN UNTIL APPLICATIONS HAVE ENDED.
3. ALL SIGNS SHALL BE PORTABLE. ALL SIGN SUPPORT SYSTEMS SHALL BE NCHRP-350 OR MASH COMPLIANT. ALL SIGNS SHALL BE PLACED BEFORE ANY WORK BEGINS OR EQUIPMENT IS PUT IN THE ROADWAY. SIGNS SHALL BE COVERED OR REMOVED WHEN NOT APPLICABLE.
4. PORTABLE SIGNS SHALL BE KEPT LEVEL AND VERTICAL TO THE TRAVELING PUBLIC WHEN PLACED ON THE EDGE OF ROADWAY.
5. SAND BAGS OR AN APPROPRIATE BALLASTING DEVICE, WHICH DOES NOT PRESENT A HAZARD TO THE IMPACTING VEHICLE OR BECOME A PROJECTILE UPON IMPACT, MAY BE USED TO WEIGHT SIGNS.
6. ALL CONSTRUCTION SIGNING AND DELINEATION DEVICES AS DETAILED IN THESE PLANS, AND AS REQUIRED BY THE ENGINEER, WILL BE PAID UNDER ITEM 641.10. PORTABLE CHANGEABLE MESSAGE SIGNS WILL BE PAID SEPARATELY UNDER CONTRACT ITEM 641.15.
7. WARNING LIGHTS SHALL NOT BE USED ON CHANNELIZING DEVICES.

NOT TO SCALE

PROJECT NAME:	STATEWIDE
PROJECT NUMBER:	IMG MARK(116)

FILE NAME: z16t084.dgn	PLOT DATE: 1/23/2017
PROJECT LEADER: C. LATHROP	DRAWN BY: P. DAY
DESIGNED BY: P. DAY	CHECKED BY: C. LATHROP
TRAFFIC CONTROL DEVICES	SHEET 9 OF 34

SUMMARY BY INTERCHANGE OF QUANTITIES & MATERIALS

TOWN	ROUTE	MM	EXIT	DIR	ROADWAY TYPE	6" WHITE LINE LF	MTL	6" YELLOW LINE LF	MTL	12" WHITE LINE LF	MTL	LETTER OR SYM. EA	MTL	STOP BAR LF	MTL	REM	CROSS WALK LF	REMARKS
THE INTERCHANGE OF I-89 AND I-91 IN WHITE RIVER JCT (HARTFORD) IS SHOWN AS EXIT 10 I-91																		
QUECHEE	I-89	3.70	1	NB	ON+OFF RAMPS	3,095	P	2,350	P	790	P	18	P	37	P	-	-	STOP(3)AHEAD(1) Wrong Way Arrow(1)
			1	SB	ON+OFF RAMPS	3,890	P	3,140	P	845	P	10	P	0	P	-	-	STOP(1)AHEAD(1) Wrong Way Arrow(1)
SHARON	I-89	8.90		NB	REST AREA	6,575	P	2,200	P	575	P	27	P	19	P	-	50	STOP(2)AHEAD(1) YIELDLINES(6)HC(3)BLUE Wrong Way Arrow(2)
SHARON		8.90		SB	WEIGH STA.	0	-	0	-	0	-	0	-	0	-	-	-	REST AREA CLOSED 2009
SHARON	I-89	13.40	2	NB	ON+OFF RAMPS	3,550	P	1,855	P	1,045	P	14	P	35	P	-	-	STOP(2)AHEAD(1) Wrong Way Arrow(1)
			2	SB	ON+OFF RAMPS	3,200	P	1,600	P	1,235	P	14	P	45	P	-	-	STOP(2)AHEAD(1) Wrong Way Arrow(1)
ROYALTON	I-89	22.10	3	NB	ON+OFF RAMPS	5,345	P	2,865	P	1240	P	14	P	35	P	-	-	STOP(2)AHEAD(1) Wrong Way Arrow(1)
			3	SB	ON+OFF RAMPS	4,250	P	2,310	P	750	P	14	P	42	P	-	-	STOP(2)AHEAD(1) Wrong Way Arrow(1)
RANDOLPH	I-89	29.65		SB	WEIGH STA.	2,650	P	600	P	800	P	1	P	-	-	-	-	Wrong Way Arrow(1)
RANDOLPH	I-89	30.90	4	NB	ON+OFF RAMPS	4,675	P	2,400	P	910	P	14	P	73	P	-	-	STOP(2)AHEAD(1) Wrong Way Arrow(1)
			4	SB	ON+OFF RAMPS	3,825	P	1,760	P	900	P	14	P	74	P	-	-	STOP(2)AHEAD(1) Wrong Way Arrow(1)
RANDOLPH	I-89	33.60		SB	REST AREA	4,540	P	3,750	P	1,070	P	10	P	0	-	-	-	YIELD(1)HC(2)BLUE Wrong Way Arrow(1)
RANDOLPH		34.50		NB	WEIGH STA.	0	-	0	-	0	-	0	-	0	-	-	-	REST AREA CLOSED 2009
WILLIAMSTOWN	I-89	43.00	5	NB	ON+OFF RAMPS	3,800	P	1,600	P	995	P	24	P	21	P	-	-	STOP(2)AHEAD(1)YIELD(2) Wrong Way Arrow(1)
NORTHFIELD			5	SB	ON+OFF RAMPS	4,900	P	2,700	P	1,500	P	19	P	20	P	-	-	STOP(2)AHEAD(1)YIELD(1) Wrong Way Arrow(1)
SOUTH BARRE	I-89	46.90	6	NB	ON+OFF RAMPS	3,480	P	1,525	P	2,085	P	16	P	0	-	-	-	YIELD(2)AHEAD(1) Wrong Way Arrow(1)
			6	SB	ON+OFF RAMPS	7,775	P	5,460	P	1,240	P	1	P	0	-	-	-	Wrong Way Arrow(1)
BERLIN	I-89	50.30	7	NB	ON+OFF RAMPS	4,995	P	1,850	P	2,470	P	0	P	0	-	-	-	
			7	SB	ON+OFF RAMPS	7,125	P	5,420	P	900	P	0	P	0	-	-	-	
MONTPELIER	I-89	52.90	8	NB	ON+OFF RAMPS	2,700	P	1,270	P	1,540	P	0	-	0	-	-	-	
			8	SB	ON+OFF RAMPS	5,500	P	2,250	P	1,500	P	0	-	0	-	-	-	
MIDDLESEX	I-89	58.70	9	NB	ON+OFF RAMPS	2,725	P	1,120	P	950	P	14	P	40	P	-	-	STOP(2)AHEAD(1) Wrong Way Arrow(1)
			9	SB	ON+OFF RAMPS	3,425	P	1,575	P	1,990	P	14	P	55	P	-	-	STOP(2)AHEAD(1) Wrong Way Arrow(1)
WATERBURY	I-89	63.80	10	NB	ON+OFF RAMPS	5,840	P	2,690	P	3,200	P	34	P	70	P	-	-	SIGNAL(1)AHEAD(1)ONLY(4)ARROW(6) Wrong Way Arrow(1)
			10	SB	ON+OFF RAMPS	4,970	P	3,005	P	2,200	P	42	P	15	P	-	-	SIGNAL(1)AHEAD(1)ONLY(6)ARROW(6) Wrong Way Arrow(1)
WATERBURY	I-89	65.80		NB	PARKING AREA	3,040	P	305	P	980	P	2	P	0	-	-	-	HC(1) Wrong Way Arrow(1)
		67.00		SB	PARKING AREA	2,350	P	450	P	975	P	2	P	0	-	-	-	HC(1) Wrong Way Arrow(1)
BEGIN NIGHT APPLICATIONS																		**BEGIN NIGHT APPLICATIONS**
RICHMOND	I-89	78.50	11	NB	ON+OFF RAMPS	4,690	P	2,105	P	560	P	19	P	36	P	-	-	STOP(2)AHEAD(1)YIELD(1) Wrong Way Arrow(1)
			11	SB	ON+OFF RAMPS	2,130	P	1,250	P	550	P	29	P	75	P	-	-	SIGNAL(1)AHEAD(1)ONLY(2)ARROW(3)DBLARROWS(3) Wrong Way Arrow(1)
WILLISTON	I-89	82.10		SB	REST AREA	5,260	P	1,050	P	1,035	P	13	P	0	-	-	-	YIELD(1)HC(3)BLUE Wrong Way Arrow(2)
	I-89	82.20		NB	REST AREA	4,480	P	1,050	P	1,100	P	13	P	0	-	-	-	YIELD(1)HC(3)BLUE Wrong Way Arrow(2)
WILLISTON	I-89	84.00	12	NB	ON+OFF RAMPS	3,700	P	1,800	P	1,185	P	34	P	40	P	-	-	SIGNAL(1)AHEAD(1)ONLY(4)ARROW(6) Wrong Way Arrow(1)
			12	SB	ON+OFF RAMPS	3,400	P	1,650	P	1,450	P	40	P	80	P	-	-	SIGNAL(1)AHEAD(1)ONLY(4)ARROW(6)DBLARROWS(3) Wrong Way Arrow(1)
SHEET TOTALS						131,880		64,955		38,565		466		812		0	50	

NOTE

SOME YIELD MARKINGS MAY BE ▽'S INSTEAD OF YIELD WORD

LEGEND

P=TO BE PAINTED

QUANTITIES ON THIS SHEET REPRESENT ALL EXISTING MARKINGS. AT THE DIRECTION OF THE ENGINEER, AREAS WHICH DO NOT NEED TO BE REPAINTED WILL BE EXCLUDED FROM THIS PROJECT.

PROJECT NAME: STATEWIDE
PROJECT NUMBER: IMG MARK(116)

FILE NAME: z16t084.dgn
PROJECT LEADER: C. LATHROP
DESIGNED BY: P. DAY
INTERCHANGE QUANTITIES AND MATERIALS I

PLOT DATE: 1/23/2017
DRAWN BY: P. DAY
CHECKED BY: C. LATHROP
SHEET 10 OF 34

SUMMARY BY INTERCHANGE OF QUANTITIES & MATERIALS

TOWN	ROUTE	MM	EXIT	DIR	ROADWAY TYPE	6" WHITE LINE LF	MTL	6" YELLOW LINE LF	MTL	12" WHITE LINE LF	MTL	LETTER OR SYM. EA	MTL	STOP BAR LF	MTL	REM	CROSS WALK LF	REMARKS
SO BURLINGTON	I-89	87.40	13	NB	ON+OFF RAMPS	4,560	P	2,650	P	630	P	0	-	0	-	-	-	
			13	SB	ON+OFF RAMPS	1,095	P	1,600	P	1,000	P	0	-	0	-	-	-	
BURLINGTON	I-89	88.70	14	NB	ON+OFF RAMPS	5,785	P	3,550	P	1,565	P	11	P	0	-	-	-	SIGNAL(1)AHEAD(1)
			14	SB	ON+OFF RAMPS	5,875	P	3,600	P	2,425	P	24	P	0	-	-	-	SIGNAL(2)AHEAD(2)ARROWS(2)
WINOOSKI	I-89	90.50	15	NB	OFF RAMP	3,200	P	450	P	500	P	35	P	15	P	-	30	SIGNAL(1)AHEAD(1)ARROWS(7)ONLY(4) WRONG WAY ARROW(1)
			15	SB	ON RAMP	3,500	P	550	P	750	P	5	P	0	-	-	-	YIELD(1)
COLCHESTER	I-89	91.50	16	NB	ON+OFF RAMPS	3,400	P	1,625	P	450	P	60	P	60	P	-	-	SIGNAL(1)AHEAD(1)ARROW(12)ONLY(9) WRONG WAY ARROW(1)
			16	SB	ON+OFF RAMPS	3,850	P	1,675	P	500	P	24	P	57	P	-	-	SIGNAL(1)AHEAD(1)ARROW(2)ONLY(2)DBL ARROW(1) WRONG WAY ARROW(1)
COLCHESTER	I-89	95.50		NB	WEIGH STA.	3,545	P	750	P	1,120	P	15	P	40	-	-	-	STOP(1)ABCDEFGHIJ WRONG WAY ARROW(1)
COLCHESTER	I-89	95.60		SB	WEIGH STA.	1,650	P	475	P	805	P	1	P	-	-	-	-	WRONG WAY ARROW(1)
COLCHESTER	I-89	97.90	17	NB	ON+OFF RAMPS	2,400	P	3,000	P	1,350	P	17	P	26	P	-	-	SIGNAL(1)AHEAD(1)YIELD(1) WRONG WAY ARROW(1)
			17	SB	ON+OFF RAMPS	2,365	P	1,840	P	300	P	27	P	23	P	-	-	SIGNAL(1)AHEAD(2)YIELD(2) WRONG WAY ARROW(1)
END NIGHT APPLICATIONS																		**END NIGHT APPLICATIONS**
GEORGIA	I-89	106.90	18	NB	ON+OFF RAMPS	3,295	P	1,325	P	600	P	14	P	40	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
			18	SB	ON+OFF RAMPS	3,910	P	1,400	P	585	P	14	P	21	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
GEORGIA	I-89	110.20		NB	REST AREA	2,650	P	1,000	P	1,050	P	9	P	23	P	-	-	STOP(1)HC(2)BLUE WRONG WAY ARROW(1)
FAIRFAX	I-89	111.00		SB	REST AREA	2,100	P	810	P	1,025	P	10	P	0	-	-	-	YIELD(1)HC(2)BLUE WRONG WAY ARROW(1)
ST ALBANS	I-89	113.70	19	NB	ON+OFF RAMPS	5,500	P	4,770	P	1,025	P	12	P	0	-	-	-	SIGNAL(1)AHEAD(1) WRONG WAY ARROW(1)
			19	SB	ON+OFF RAMPS	4,735	P	2,715	P	1,330	P	16	P	0	-	-	-	YIELD(2)AHEAD(1) WRONG WAY ARROW(1)
ST ALBANS	I-89	117.60	20	NB	ON+OFF RAMPS	3,195	P	1,350	P	1,480	P	29	P	47	P	-	-	SIGNAL(1)AHEAD(1)ARROW(3)DBL ARROW(3)ONLY(2) WRONG WAY ARROW(1)
			20	SB	ON+OFF RAMPS	3,275	P	1,510	P	1,220	P	14	P	47	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
SWANTON	I-89	123.40	21	NB	ON+OFF RAMPS	2,855	P	1,170	P	650	P	14	P	51	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
			21	SB	ON+OFF RAMPS	3,750	P	1,300	P	1,378	P	14	P	57	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
SWANTON	I-89	129.90	22	NB	ON+OFF RAMPS	1,735	P	1,500	P	600	P	14	P	46	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
			22	SB	ON+OFF RAMPS	2,290	P	2,110	P	583	P	14	P	26	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
HIGHGATE	I-89	130.25		NB	BORDER STA.	10,165	P	1,850	P	2,842	P	116	P	390	P	-	340	STOP(23)HC(2)BLUE CARS(5)
HIGHGATE	I-89	130.25		SB	BORDER STA.													
SHEET 11 TOTALS						90,680		44,575		25,763		509		969		0	370	
SHEET 10 TOTALS						131,880		64,955		38,565		466		812		0	50	
I-89 TOTALS						222,560		109,530		64,328		975		1,781		0	420	

NOTE

SOME YIELD MARKINGS MAY BE ▽'S INSTEAD OF YIELD WORD

LEGEND

P=TO BE PAINTED

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PROJECT NAME: STATEWIDE
PROJECT NUMBER: IMG MARK(116)

FILE NAME: z16t084.dgn
PROJECT LEADER: C. LATHROP
DESIGNED BY: P. DAY
INTERCHANGE QUANTITIES AND MATERIALS 2

PLOT DATE: 1/23/2017
DRAWN BY: P. DAY
CHECKED BY: C. LATHROP
SHEET 11 OF 34

SUMMARY BY INTERCHANGE OF QUANTITIES & MATERIALS

TOWN	ROUTE	MM	EXIT	DIR	ROADWAY TYPE	6" WHITE LINE LF	MTL	6" YELLOW LINE LF	MTL	12" WHITE LINE LF	MTL	LETTER OR SYM. EA	MTL	STOP BAR LF	MTL	REM	CROSS WALK LF	REMARKS
GUILFORD	I-91	0.20		NB	WEIGH STATION	1,600	P	850	P	0	P	11	P	90	P	-	-	1,2,3,4,5,6,7,8,9,10
GUILFORD	I-91	5.10		NB	WELCOME CTR	8,565	P	2,300	P	1,025	P	56	P	16	P			STOP(2)AHEAD(1)NO(1)PARKING(1)HC(7)BLUEARROWS(12) WRONG WAY ARROW(3)
BRATTLEBORO	I-91	7.50	1	NB	ON+OFF RAMPS	2,575	P	2,420	P	900	P	23	P	37	P	-	-	STOP(3)AHEAD(1)YIELD(1) WRONG WAY ARROW(1)
			1	SB	ON+OFF RAMPS	3,725	P	3,230	P	800	P	19	P	21	P	-	-	STOP(2)AHEAD(1)YIELD(1) WRONG WAY ARROW(1)
BRATTLEBORO	I-91	9.10	2	NB	ON+OFF RAMPS	3,125	P	2,525	P	525	P	19	P	55	P	-	-	STOP(2)AHEAD(1)YIELD(1) WRONG WAY ARROW(1)
			2	SB	ON+OFF RAMPS	4,485	P	4,335	P	450	P	24	P	33	P	-	-	STOP(3)AHEAD(1) ARROW(2)ONLY(1) WRONG WAY ARROW(1)
BRATTLEBORO	I-91	11.60	3	NB	ON+OFF RAMPS	1,450	P	1,050	P	1,050	P	15	P	0	-	-	-	YIELD(1)AHEAD(1)ARROW(1)ONLY(1)
			3	SB	ON+OFF RAMPS	3,700	P	3,600	P	550	P	0	P	0	-	-	-	
PUTNEY	I-91	18.20	4	NB	ON+OFF RAMPS	2,960	P	1,160	P	900	P	14	P	55	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
			4	SB	ON+OFF RAMPS	2,935	P	895	P	865	P	14	P	50	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
PUTNEY	I-91	20.40		NB	PARKING AREA	2,625	P	610	P	980	P	1	P	0	-	-	-	WRONG WAY ARROW(1)
PUTNEY	I-91	22.00		SB	WEIGH STA.	3230	P	500	P	940	P	18	P	30	P	-	-	STOP(3)AHEAD(1) WRONG WAY ARROW(1)
PUTNEY	I-91	23.20		NB	PARKING AREA	2915	P	400	P	505	P	3	P	0	-	-	-	HC (2) WRONG WAY ARROW(1)
WESTMINSTER	I-91	23.80		SB	PARKING AREA	2795	P	150	P	650	P	3	P	0	-	-	-	HC (2) WRONG WAY ARROW(1)
WESTMINSTER	I-91	28.60	5	NB	ON+OFF RAMPS	5,335	P	2,125	P	1,135	P	14	P	50	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
			5	SB	ON+OFF RAMPS	2,645	P	1,115	P	945	P	14	P	50	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
ROCKINGHAM	I-91	35.20	6	NB	ON+OFF RAMPS	4,300	P	3,075	P	1,615	P	39	P	25	P	-	-	STOP(2)AHEAD(2)YIELD(4) WRONG WAY ARROW(1)
			6	SB	ON+OFF RAMPS	4,830	P	3,060	P	1,300	P	20	P	28	P	-	-	STOP(2)AHEAD(1)YIELD(1) WRONG WAY ARROW(2)
SPRINGFIELD	I-91	39.20		NB	WEIGH STA.	0	P	0	P	0	P	0	P	0	P	-	-	PARKING AREA CLOSED 12/2008
	I-91	39.30		SB	WEIGH STA.	0	P	0	P	0	P	0	P	0	P	-	-	PARKING AREA CLOSED 12/2008
SPRINGFIELD	I-91	41.70	7	NB	ON+OFF RAMPS	4,500	P	3,620	P	800	P	35	P	15	P	-	-	STOP(2)AHEAD(2)YIELD(3) WRONG WAY ARROW(2)
			7	SB	ON+OFF RAMPS	1,855	P	1,855	P	380	P	24	P	22	P	-	-	STOP(2)AHEAD(1)YIELD(2) WRONG WAY ARROW(1)
WEATHERSFIELD	I-91	51.40	8	NB	ON+OFF RAMPS	3,100	P	1,575	P	850	P	18	P	64	P	-	-	STOP(3)AHEAD(1) WRONG WAY ARROW(1)
			8	SB	ON+OFF RAMPS	2,050	P	1,135	P	715	P	14	P	43	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
HARTLAND	I-91	60.50	9	NB	ON+OFF RAMPS	2,735	P	1,660	P	800	P	19	P	37	P	-	-	STOP(2)AHEAD(1)YIELD(1) WRONG WAY ARROW(1)
			9	SB	ON+OFF RAMPS	3,420	P	2,160	P	850	P	19	P	47	P	-	-	STOP(2)AHEAD(1)YIELD(1) WRONG WAY ARROW(1)
BEGIN NIGHT APPLICATIONS																		**BEGIN NIGHT APPLICATIONS**
HARTFORD	I-91	68.40		NB	WEIGH STA.	0	P	0	P	0	P	0	P	0	-	-	-	REST AREA CLOSED 2009
		68.50		SB	REST AREA	4,880	P	1,620	P	1,100	P	10	P	0	-	-	-	YIELD(1)HCBLUE(2) WRONG WAY ARROW(1)
SHEET TOTALS						86,335		47,025		20,630		446		768		0	0	

NOTE

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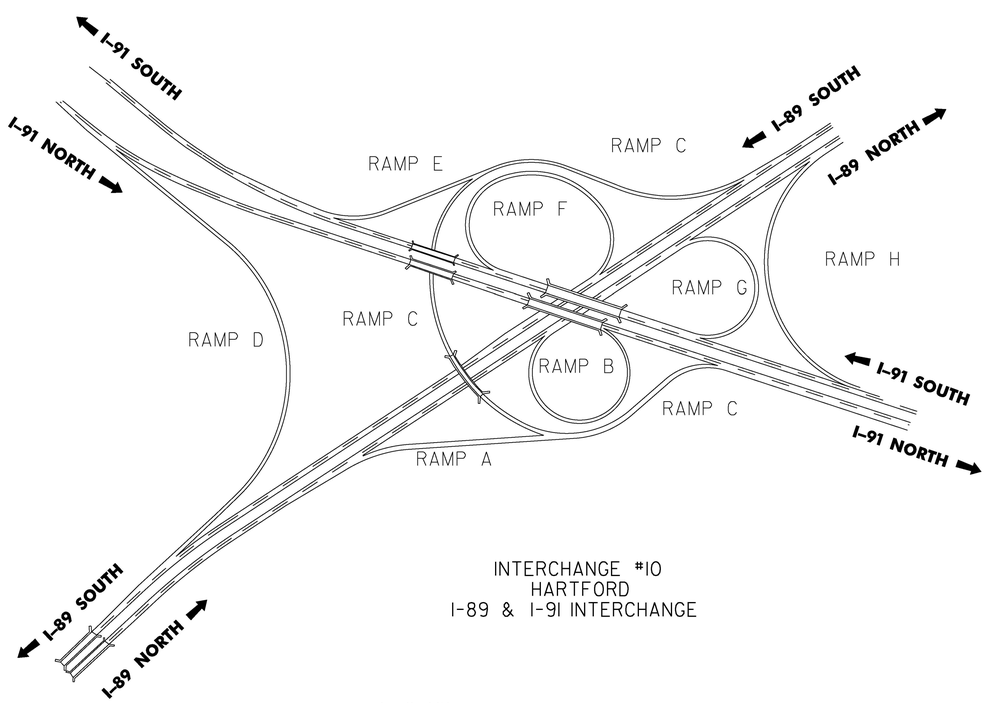
PROJECT NAME: STATEWIDE
PROJECT NUMBER: IMG MARK(116)

FILE NAME: z16t084.dgn
PROJECT LEADER:
DESIGNED BY: P. DAY
INTERCHANGE QUANTITIES AND MATERIALS 3

PLOT DATE: 1/23/2017
DRAWN BY: P. DAY
CHECKED BY: C. LATHROP
SHEET 12 OF 34

SUMMARY BY INTERCHANGE OF QUANTITIES & MATERIALS

TOWN	ROUTE	MM	EXIT	DIR	ROADWAY TYPE	6" WHITE LINE LF	MTL	6" YELLOW LINE LF	MTL	12" WHITE LINE LF	MTL	LETTER OR SYM. EA	MTL	STOP BAR LF	MTL	REM	CROSS WALK LF	REMARKS
HARTFORD	I-91	69.80	NN	NB	RAMP A	800	P	800	P	50	P	16	P	0	-	-	-	YIELD(2)AHEAD(1) WRONG WAY ARROW(1)
RAMPS GO BETWEEN I-91 & I-89	I-91		10N	NB	RAMP B	1,100	P	1,100	P	115	P	0	-	0	-	-	-	
	I-91		NN	NB	RAMP C	3,650	P	3,650	P	150	P	0	-	0	-	-	-	
	I-91		10S	NB	RAMP D	2,400	P	2,400	P	180	P	16	P	0	-	-	-	YIELD(2)AHEAD(1) WRONG WAY ARROW(1)
	I-91		NN	SB	RAMP E	2,250	P	510	P	100	P	0	-	0	-	-	-	
	I-91		10S	SB	RAMP F	2,925	P	1,325	P	100	P	0	-	0	-	-	-	
	I-91		NN	SB	RAMP G	750	P	750	P	75	P	0	-	0	-	-	-	
	I-91		10N	SB	RAMP H	2,750	P	1,100	P	300	P	0	-	0	-	-	-	
HARTFORD	I-91	70.20	11	NB	ON+OFF RAMPS	2,800	P	2,300	P	1,300	P	14	P	25	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
			11	SB	ON+OFF RAMPS	3,850	P	3,780	P	1,250	P	19	P	13	P	-	-	STOP(2)AHEAD(1)YIELD(1) WRONG WAY ARROW(1)
WILDER	I-91	72.00	12	NB	ON+OFF RAMPS	3,400	P	1,950	P	1,450	P	14	P	30	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
			12	SB	ON+OFF RAMPS	3,700	P	1,800	P	1,600	P	14	P	35	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
END NIGHT APPLICATIONS																		**END NIGHT APPLICATIONS**
SHEET TOTALS						30,375		21,465		6,670		93		103		0	0	



INTERCHANGE #10
HARTFORD
I-89 & I-91 INTERCHANGE

LEGEND

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PROJECT NAME: STATEWIDE
PROJECT NUMBER: IMG MARK(116)

FILE NAME: z16t084.dgn
PROJECT LEADER: C. LATHROP
DESIGNED BY: P. DAY
INTERCHANGE QUANTITIES AND MATERIALS 4

PLOT DATE: 1/23/2017
DRAWN BY: P. DAY
CHECKED BY: C. LATHROP
SHEET 13 OF 34

SUMMARY BY INTERCHANGE OF QUANTITIES & MATERIALS

TOWN	ROUTE	MM	EXIT	DIR	ROADWAY TYPE	6" WHITE LINE LF	MTL	6" YELLOW LINE LF	MTL	12" WHITE LINE LF	MTL	LETTER OR SYM. EA	MTL	STOP BAR LF	MTL	REM	CROSS WALK LF	REMARKS
NORWICH	I-91	74.99	13	NB	ON+OFF RAMPS	3,665	P	1,960	P	1,475	P	22	P	40	P	-	-	SIGNAL(1)AHEAD(1)ARROW(2)ONLY(2) WRONG WAY ARROW(1)
			13	SB	ON+OFF RAMPS	3,170	P	1,550	P	695	P	12	P	25	P	-	-	SIGNAL(1)AHEAD(1) WRONG WAY ARROW(1)
THETFORD	I-91	84.20	14	NB	ON+OFF RAMPS	3,635	P	1,985	P	960	P	14	P	55	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
			14	SB	ON+OFF RAMPS	3,810	P	2,700	P	1,125	P	14	P	36	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
FAIRLEE	I-91	91.50	15	NB	ON+OFF RAMPS	2,745	P	1,215	P	1,400	P	14	P	45	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
			15	SB	ON+OFF RAMPS	3,080	P	1,250	P	1,500	P	14	P	30	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
BRADFORD	I-91	97.70	16	NB	ON+OFF RAMPS	2,550	P	2,320	P	625	P	34	P	25	P	-	-	STOP(2)AHEAD(2)YIELD(3) WRONG WAY ARROW(1)
			16	SB	ON+OFF RAMPS	3,650	P	1,650	P	835	P	14	P	45	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
BRADFORD	I-91	100.10		NB	REST AREA	1,935	P	710	P	600	P	5	P	0	-	-		HC(2) BLUE WRONG WAY ARROW(1)
		100.20		SB	PARKING AREA	2,705	P	265	P	475	P	3	P	0	-	-		HC(2) WRONG WAY ARROW(1)
NEWBURY	I-91	110.40	17	NB	ON+OFF RAMPS	3,030	P	1,540	P	1,030	P	19	P	52	P	-	-	STOP(2)AHEAD(1)YIELD(1) WRONG WAY ARROW(1)
			17	SB	ON+OFF RAMPS	3,300	P	1,800	P	850	P	19	P	59	P	-	-	STOP(2)AHEAD(1)YIELD(1) WRONG WAY ARROW(1)
RYEGATE	I-91	113.40		NB	PARKING AREA	3,425	P	1,800	P	1,100	P	8	P	0	-	-	-	YIELD (1) HC (2) WRONG WAY ARROW(1)
		115.40		SB	PARKING AREA	5,140	P	1,850	P	1,378	P	8	P	0	-	-		YIELD (1) HC (2) WRONG WAY ARROW(1)
BARNET	I-91	120.50	18	NB	ON+OFF RAMPS	3,700	P	1,910	P	865	P	14	P	50	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
			18	SB	ON+OFF RAMPS	3,840	P	1,940	P	1,050	P	14	P	37	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
BARNET	I-91	121.80		NB	SCENIC VIEW	1,740	P	665	P	785	P	1	P	0	-	-	-	WRONG WAY ARROW(1)
WATERFORD	I-91	128.10	19	NB	ON+OFF RAMPS	1,760	P	1,760	P	950	P	1	-	0	-	-	-	WRONG WAY ARROW(1)
			19	SB	ON+OFF RAMPS	5,488	P	5,488	P	1,650	P	1	-	0	-	-	-	WRONG WAY ARROW(1)
ST JOHNSBURY	I-91	128.90	20	NB	ON+OFF RAMPS	3,025	P	3,025	P	775	P	24	P	16	P	-	-	STOP(2)AHEAD(1)YIELD(2) WRONG WAY ARROW(1)
			20	SB	ON+OFF RAMPS	2,920	P	2,920	P	1,160	P	24	P	24	P	-	-	STOP(2)AHEAD(1)YIELD(2) WRONG WAY ARROW(1)
ST JOHNSBURY	I-91	130.60	21	NB	ON+OFF RAMPS	3,612	P	3,612	P	400	P	19	P	17	P	-	-	STOP(2)AHEAD(1)YIELD(1) WRONG WAY ARROW(1)
			21	SB	ON+OFF RAMPS	4,795	P	4,795	P	375	P	14	P	20	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
ST JOHNSBURY	I-91	132.50	22	NB	ON+OFF RAMPS	2,137	P	2,137	P	935	P	14	P	55	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
			22	SB	ON+OFF RAMPS	2,120	P	2,120	P	880	P	14	P	63	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
LYNDON	I-91	137.10	23	NB	ON+OFF RAMPS	5,000	P	1,940	P	425	P	14	P	36	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
			23	SB	ON+OFF RAMPS	4,000	P	2,475	P	810	P	14	P	42	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
LYNDON	I-91	140.10	24	NB	ON+OFF RAMPS	4,760	P	3,030	P	680	P	14	P	30	P	-	-	STOP (2) AHEAD(1) WRONG WAY ARROW(1)
			24	SB	ON+OFF RAMPS	3,735	P	1,980	P	300	P	14	P	30	P	-	-	STOP (2) AHEAD(1) WRONG WAY ARROW(1)
LYNDON	I-91	140.80		SB	REST AREA	3,145	P	1,253	P	750	P	11	P	0	-	-		YIELD(1) HC(2)BLUE WRONG WAY ARROW(2)
WHEELOCK	I-91	142.90		NB	SCENIC VIEW	3,540	P	450	P	518	P	3	P	0	-	-		HC (2) WRONG WAY ARROW(1)
GLOVER	I-91	154.00		NB	SCENIC VIEW	4,445	P	964	P	536	P	3	P	0	-	-		HC (2) WRONG WAY ARROW(1)
BARTON	I-91	155.90	25	NB	ON+OFF RAMPS	3,087	P	1,550	P	944	P	14	P	60	P	-	-	STOP (2) AHEAD (1) WRONG WAY ARROW(1)
			25	SB	ON+OFF RAMPS	4,183	P	1,420	P	886	P	14	P	40	P	-	-	STOP (2) AHEAD (1) WRONG WAY ARROW(1)
SHEET TOTALS						116,872		68,029		29,722		441		932		0	0	

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PROJECT NUMBER: IMG MARK(116)

FILE NAME: z16t084.dgn
PROJECT LEADER: C. LATHROP
DESIGNED BY: P. DAY
INTERCHANGE QUANTITIES AND MATERIALS 5

PLOT DATE: 1/23/2017
DRAWN BY: P. DAY
CHECKED BY: C. LATHROP
SHEET 14 OF 34

SUMMARY BY INTERCHANGE OF QUANTITIES & MATERIALS

TOWN	ROUTE	MM	EXIT	DIR	ROADWAY TYPE	6" WHITE LINE LF	MTL	6" YELLOW LINE LF	MTL	12" WHITE LINE LF	MTL	LETTER OR SYM. EA	MTL	STOP BAR LF	MTL	REM	CROSS WALK LF	REMARKS
ORLEANS	I-91	161.60	26	NB	ON+OFF RAMPS	3,820	P	2,235	P	1,390	P	19	P	21	P	-	-	STOP(2)AHEAD(1)YIELD(1) WRONG WAY ARROW(1)
			26	SB	ON+OFF RAMPS	4,860	P	2,100	P	1,000	P	14	P	71	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
CONVENTRY	I-91	166.80		NB	PARKING AREA	4,050	P	1,625	P	2,445	P	16	P	40	P	-	-	STOP(1)HC(2)YIELD(1)ABCD WRONG WAY ARROW(1)
				SB	PARKING AREA	5,520	P	2,040	P	1,550	P	16	P	40	P	-	-	STOP(1)HC(2)YIELD(1)ABCD WRONG WAY ARROW(1)
NEWPORT	I-91	170.20	27	NB	ON+OFF RAMPS	4,265	P	2,570	P	750	P	24	P	21	P	-	-	STOP(2)AHEAD(1)YIELD(2) WRONG WAY ARROW(1)
			27	SB	ON+OFF RAMPS	3,820	P	2,170	P	1,700	P	24	P	25	P	-	-	STOP(2)AHEAD(1)YIELD(2) WRONG WAY ARROW(1)
DERBY	I-91	172.50	28	NB	ON+OFF RAMPS	3,590	P	2,120	P	1,320	P	24	P	33	P	-	-	STOP(2)AHEAD(1)YIELD(2) WRONG WAY ARROW(1)
			28	SB	ON+OFF RAMPS	4,095	P	2,525	P	1,060	P	24	P	25	P	-	-	STOP(2)AHEAD(1)YIELD(2) WRONG WAY ARROW(1)
DERBY	I-91	176.35		SB	REST AREA	3,250	P	1,615	P	1,290	P	5	P	0	P	-	-	HCBLUE(2) WRONG WAY ARROW(1)
DERBY	I-91	177.20	29	NB	ON+OFF RAMPS	3,570	P	2,550	P	1,225	P	19	P	83	P	-	-	STOP(2)AHEAD(1)YIELD(1) WRONG WAY ARROW(1)
			29	SB	ON+OFF RAMPS	3,160	P	1,350	P	365	P	14	P	25	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
DERBY	I-91	177.30		SB	BORDER STA.	0	P	0	P	0	P	0	P	0	P	-	-	
SHEET 15 TOTALS						44,000		22,900		14,095		199		384		0	0	
SHEET 12 TOTALS						86,335		47,025		20,630		446		768		0	0	
SHEET 13 TOTALS						30,375		21,465		6,670		93		103		0	0	
SHEET 14 TOTALS						116,872		68,029		29,722		441		932		0	0	
I-91 TOTALS						277,582		159,419		71,117		1,179		2,187		0	0	
BEGIN I-93																		**BEGIN I-93**
WATERFORD	I-93	1.30		NB	WELCOME CTR	5,960	P	1,250	P	934	P	11	P	90	P	-	-	YIELD (1) HC (2) BLUE WRONG WAY ARROW(2)
WATERFORD	I-93	7.50	1	NB	ON+OFF RAMPS	4,320	P	2,150	P	1,355	P	24	P	36	P	-	-	STOP(2)AHEAD(1)YIELD(2) WRONG WAY ARROW(1)
WATERFORD	I-93	7.50	1	SB	ON+OFF RAMPS	4,919	P	2,325	P	926	P	14	P	54	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
I-93 TOTALS						15,199		5,725		3,215		49		180			0	
BEGIN I-189																		**BEGIN I-189**
NIGHT APPLICATION																		**NIGHT APPLICATION**
SO BURLINGTON AT JCT US 7	I-189		2	WB	ON+OFF RAMPS	750	P	700	P	700	P	69	P	30	P	-	110	SIGNAL(2)AHEAD(2)ARROWS(5)ONLY(3)DBLARROWS(3) NORTH(1)SOUTH(1)US7(3)YIELD(1)
SO BURLINGTON AT JCT US 7	I-189		2	EB	ON+OFF RAMPS	750	P	700	P	0	P	0	P	0	-	-	-	
DORSET ST.	I-189		1	WB	ON+OFF RAMPS	1,025	P	625	P	0	P	0	P	0	P	-	-	
DORSET ST.	I-189		1	EB	ON+OFF RAMPS	1,025	P	625	P	600	P	31	P	55	P	-	95	SIGNAL(1)AHEAD(1)ARROWS(6)ONLY(2)DBLARROWS(3)
I-189 TOTALS						3,550		2,650		1,300		100		85		0	205	

NOTE

SOME YIELD MARKINGS MAY BE ▽'S INSTEAD OF YIELD WORD

LEGEND

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PROJECT NAME: STATEWIDE
PROJECT NUMBER: IMG MARK(116)

FILE NAME: z16t084.dgn
PROJECT LEADER: C. LATHROP
DESIGNED BY: P. DAY
INTERCHANGE QUANTITIES AND MATERIALS 6

PLOT DATE: 1/23/2017
DRAWN BY: P. DAY
CHECKED BY: C. LATHROP
SHEET 15 OF 34

SUMMARY BY INTERCHANGE OF QUANTITIES & MATERIALS
US 4 DIVIDED HIGHWAY

TOWN	ROUTE	MM	EXIT	DIR	ROADWAY TYPE	6" WHITE LINE LF	MTL	6" YELLOW LINE LF	MTL	12" WHITE LINE LF	MTL	LETTER OR SYM. EA	MTL	STOP BAR LF	MTL	REM	CROSS WALK LF	REMARKS
FAIR HAVEN	US-4	1.70	2	EB	ON+OFF RAMPS	2,015	P	2,015	P	910	P	14	P	39	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
			2	WB	ON+OFF RAMPS	2,010	P	2,010	P	1,135	P	14	P	52	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
FAIR HAVEN	US-4	2.55	3	EB	ON RAMP	770	P	770	P	375	P	-	-	-	-	-	-	
			3	WB	OFF RAMP	1,015	P	1,015	P	760	P	14	P	51	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
CASTLETON	US-4	5.45	4	EB	ON+OFF RAMPS	2,115	P	2,015	P	1,680	P	18	P	31	P	-	-	STOP(3)AHEAD(1) WRONG WAY ARROW(1)
			4	WB	ON+OFF RAMPS	2,340	P	2,185	P	1,915	P	23	P	24	P	-	-	STOP(3)AHEAD(1)YIELD(1) WRONG WAY ARROW(1)
CASTLETON	US-4	7.75	5	EB	ON+OFF RAMPS	1,510	P	1,510	P	800	P	18	P	24	P	-	-	STOP(3)AHEAD(1) WRONG WAY ARROW(1)
			5	WB	ON+OFF RAMPS	1,520	P	1,520	P	1,090	P	14	P	34	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
IRA	US-4	11.20		WB	PARKING AREA	1,090	P	490	P	715	P	2	P	-	-	-	-	HC(1) WRONG WAY ARROW(1)
WEST RUTLAND	US-4	14.90	6	EB	ON+OFF RAMPS	1,590	P	1,590	P	980	P	14	P	30	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
			6	WB	ON+OFF RAMPS	1,830	P	1,800	P	1,285	P	14	P	46	P	-	-	STOP(2)AHEAD(1) WRONG WAY ARROW(1)
RUTLAND	US-4	18.13		EB	US-4	-	-	-	-	-	-	22	P	-	-	-	-	SIGNAL(2)AHEAD(2)
RUTLAND	US-4	18.22		EB	US-4	-	-	-	-	-	-	2	P	-	-	-	-	RR XING(2) - PAID AS 646.321 RAILROAD CROSSING SYMBOL, WATERBORNE PAINT
RUTLAND	US-4	18.53		WB	US-4	-	-	-	-	-	-	2	P	-	-	-	-	RR XING(2) - PAID AS 646.321 RAILROAD CROSSING SYMBOL, WATERBORNE PAINT
RUTLAND	US-4	18.57		WB	US-4	-	-	-	-	-	-	22	P	-	-	-	-	SIGNAL(2)AHEAD(2)
RUTLAND	US-4	18.82		EB	US-4	430	P	50	P	660	P	37	P	40	P	-	-	ARROW(9)ONLY(7)
US-4 TOTALS						18,235		16,970		12,305		230		371		0		

NOTE

SOME YIELD MARKINGS MAY BE ▽'S INSTEAD OF YIELD WORD

LEGEND

P= TO BE PAINTED

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PROJECT NAME: STATEWIDE
PROJECT NUMBER: IMG MARK(116)

FILE NAME: z16t084.dgn
PROJECT LEADER: C. LATHROP
DESIGNED BY: P. DAY
INTERCHANGE QUANTITIES AND MATERIALS 7

PLOT DATE: 1/23/2017
DRAWN BY: P. DAY
CHECKED BY: C. LATHROP
SHEET 16 OF 34

SUMMARY OF INTERCHANGE AND MAINLINE MILEAGE TOTALS

ROUTE		6" WHITE LINES (LF)	6" YELLOW LINES (LF)			12" WHITE LINE (LF)	LETTER OR SYMBOL (EA)	24" STOP BAR (LF)	CROSSWALK MARK (LF)
I-89									
	INTERCHANGES	222,560	109,530			64,328	975	1,781	420
	MAINLINE	1,640,180	1,375,504						
I-91									
	INTERCHANGES	277,582	159,419			71,117	1,179	2,187	
	MAINLINE	2,221,027	1,873,682						
I-93									
	INTERCHANGES	15,199	5,725			3,215	49	180	
	MAINLINE	140,395	117,216						
I-189									
	INTERCHANGES	3,500	2,650			1,300	100	85	205
	MAINLINE	19,668	15,734						
US-4									
	INTERCHANGES	18,235	16,970			12,305	230	371	
	MAINLINE	230,646	198,740						
	SUBTOTAL:	**4,788,992**	**3,875,170**		**SUBTOTAL:**	**152,265**	**2,533**	**4,604**	**625**
2017 -	SUBTOTAL:	4,788,992	3,875,170	**2017 -**	SUBTOTAL:	152,265	2,533	4,604	625
	YEAR ONE GAP OUT 8%:	383,119	310,014		YEAR ONE GAP OUT 8%:	12,181	203	368	50
	YEAR ONE TOTAL*:	**4,405,873**	**3,565,156**		**YEAR ONE TOTAL*:**	**140,084**	**2,330**	**4,236**	**575**
2018 -	SUBTOTAL:	4,788,992	3,875,170	**2018 -**	SUBTOTAL:	152,265	2,533	4,604	625
	YEAR TWO GAP OUT 15%:	718,349	581,276		YEAR TWO GAP OUT 5%:	7,613	127	230	31
	YEAR TWO TOTAL*:	**4,070,643**	**3,293,895**		**YEAR TWO TOTAL*:**	**144,652**	**2,406**	**4,374**	**594**
2017 - 2018 REAPPLY									
I-89	MAINLINE REAPPLY	1,640,180	1375504						
I-91	MAINLINE REAPPLY	913,787	770880						
I-189	MAINLINE REAPPLY	19,668	15734						
	SUBTOTAL:	**2,573,635**	**2,162,118**		*** - SEE QUANTITY SHEET FOR ROUNDING AND TOTALS**				
2017 -	SUBTOTAL:	2,573,635	2,162,118						
	YEAR ONE GAP OUT 8%:	205,891	172,969						
	YEAR ONE TOTAL*:	**2,367,744**	**1,989,149**						
2018 -	SUBTOTAL:	2,573,635	2,162,118						
	YEAR TWO GAP OUT 15%:	386,045	324,318						
	YEAR TWO TOTAL*:	**2,187,590**	**1,837,800**						

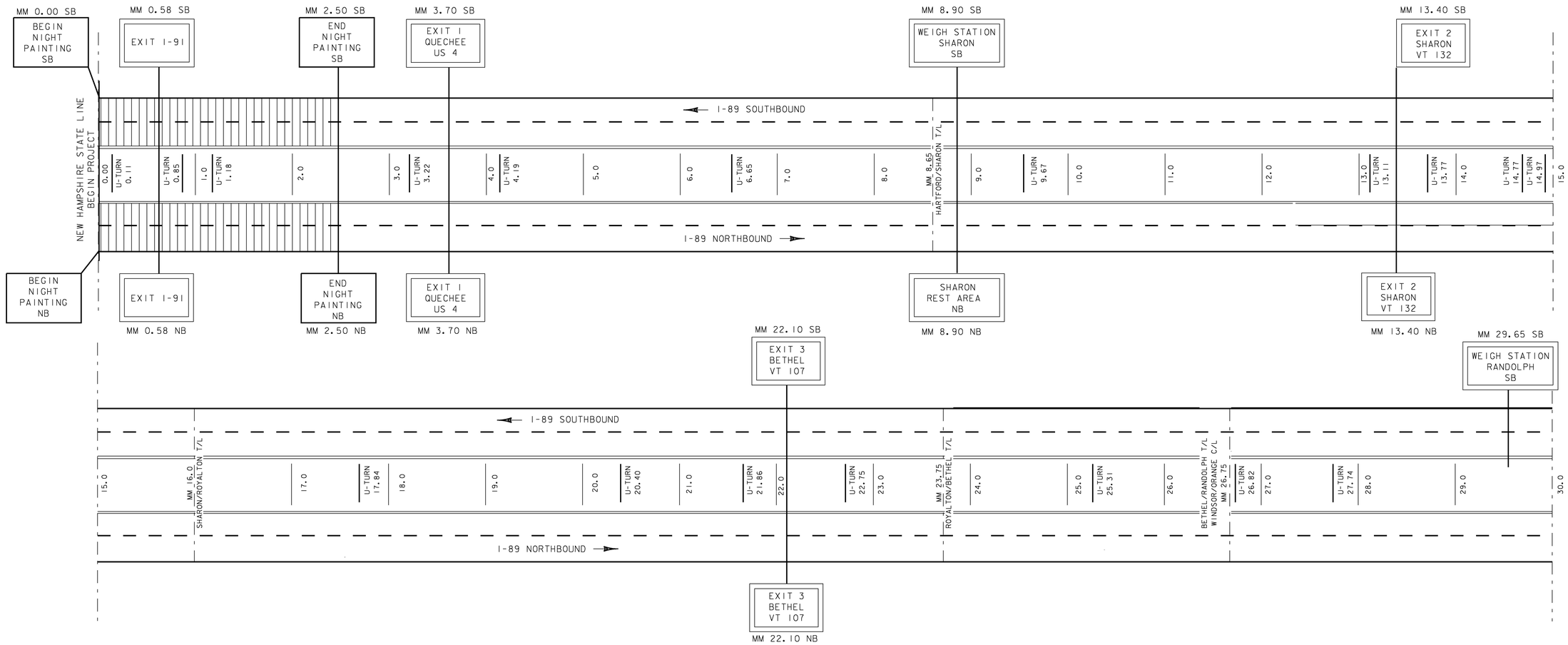
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PROJECT NAME: STATEWIDE
PROJECT NUMBER: IMG MARK(116)

FILE NAME: z16t084.dgn
PROJECT LEADER: C. LATHROP
DESIGNED BY: P. DAY
SUMMARY OF MILEAGE TOTALS

PLOT DATE: 1/23/2017
DRAWN BY: P. DAY
CHECKED BY: C. LATHROP
SHEET 17 OF 34

INTERSTATE 89 MAINLINE TREATMENT SCHEMATIC



LEGEND

= AREA TO BE DONE AT NIGHT

= 6'' SOLID WHITE LINE

= 6'' DASHED WHITE LINE

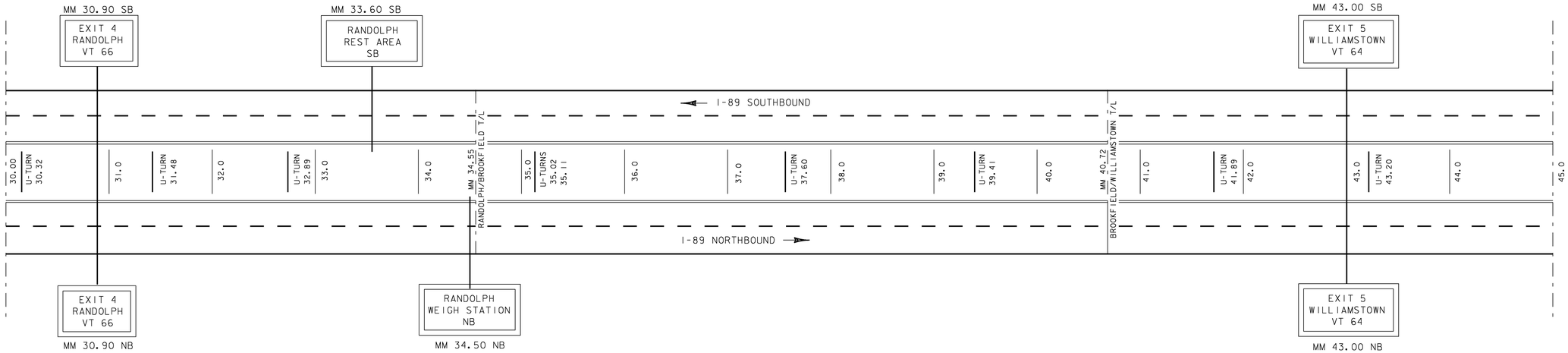
= 6'' SOLID YELLOW LINE

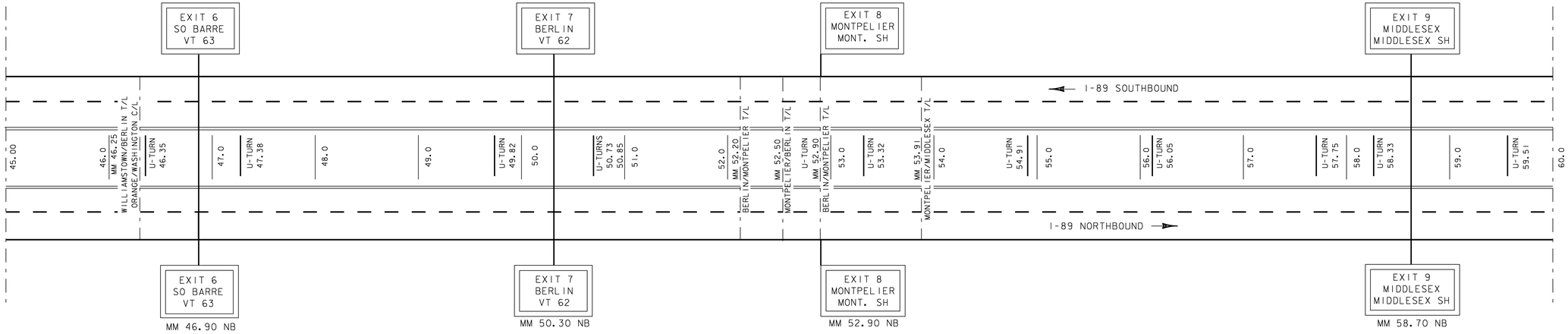
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NOT TO SCALE

PROJECT NAME: STATEWIDE	
PROJECT NUMBER: IMG MARK(116)	
FILE NAME: z16t084.dgn	PLOT DATE: 1/23/2017
PROJECT LEADER: C. LATHROP	DRAWN BY: P. DAY
DESIGNED BY: P. DAY	CHECKED BY: C. LATHROP
I-89 MAINLINE TREATMENT SCHEMATIC 1	SHEET 18 OF 34

INTERSTATE 89 MAINLINE TREATMENT SCHEMATIC





LEGEND

= AREA TO BE DONE AT NIGHT

= 6'' SOLID WHITE LINE

= 6'' DASHED WHITE LINE

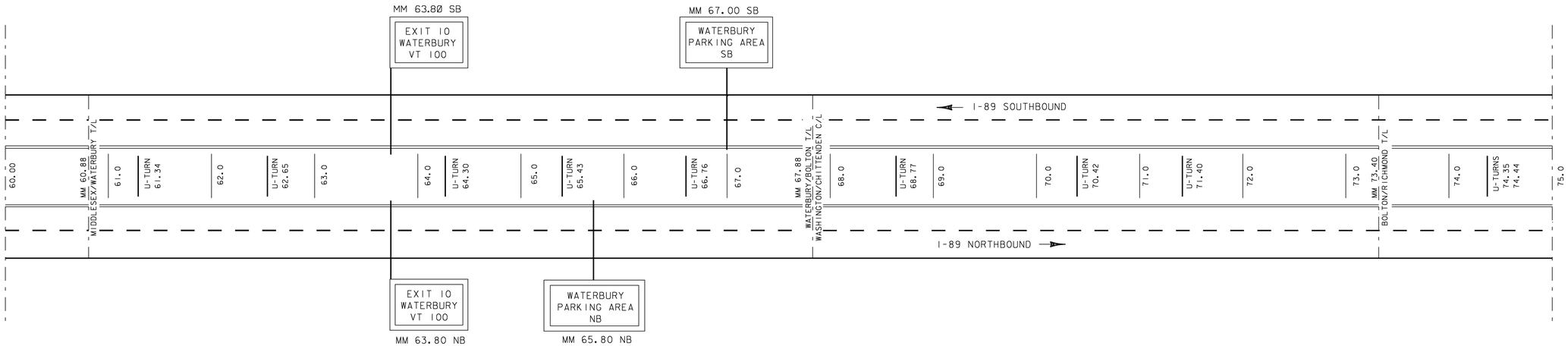
= 6'' SOLID YELLOW LINE

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PROJECT NUMBER:	IMG MARK(116)
FILE NAME: z16t084.dgn	PLOT DATE: 1/23/2017
PROJECT LEADER: C. LATHROP	DRAWN BY: P. DAY
DESIGNED BY: P. DAY	CHECKED BY: C. LATHROP
I-89 MAINLINE TREATMENT SCHEMATIC 2	SHEET 19 OF 34

INTERSTATE 89 MAINLINE TREATMENT SCHEMATIC



LEGEND

= AREA TO BE DONE AT NIGHT

= 6'' SOLID WHITE LINE

= 6'' DASHED WHITE LINE

= 6'' SOLID YELLOW LINE

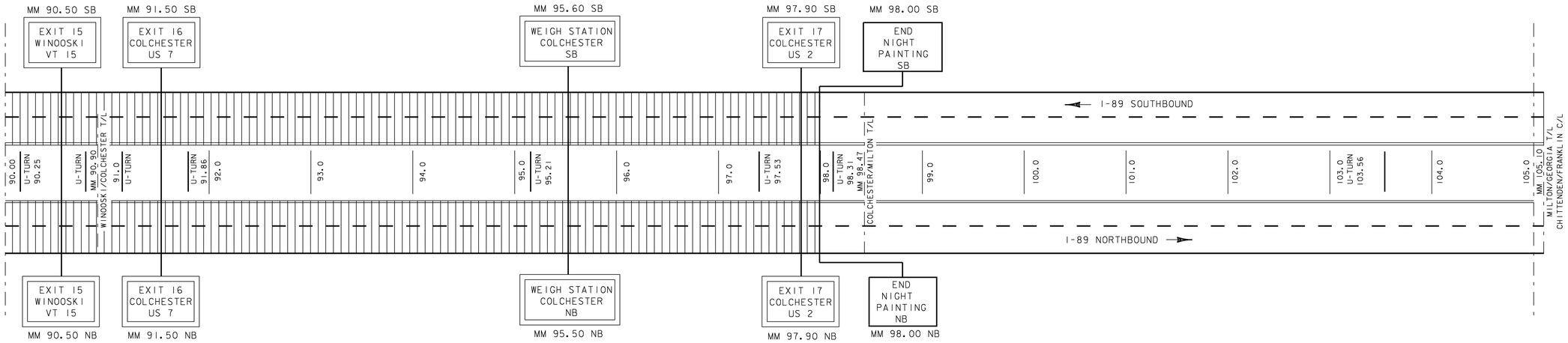
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NOT TO SCALE

PROJECT NAME:	STATEWIDE
PROJECT NUMBER:	IMG MARK(116)

FILE NAME: z16t084.dgn	PLOT DATE: 1/23/2017
PROJECT LEADER: C. LATHROP	DRAWN BY: P. DAY
DESIGNED BY: P. DAY	CHECKED BY: C. LATHROP
I-89 MAINLINE TREATMENT SCHEMATIC 3	SHEET 20 OF 34

INTERSTATE 89 MAINLINE TREATMENT SCHEMATIC



LEGEND

= AREA TO BE DONE AT NIGHT

= 6'' SOLID WHITE LINE

= 6'' DASHED WHITE LINE

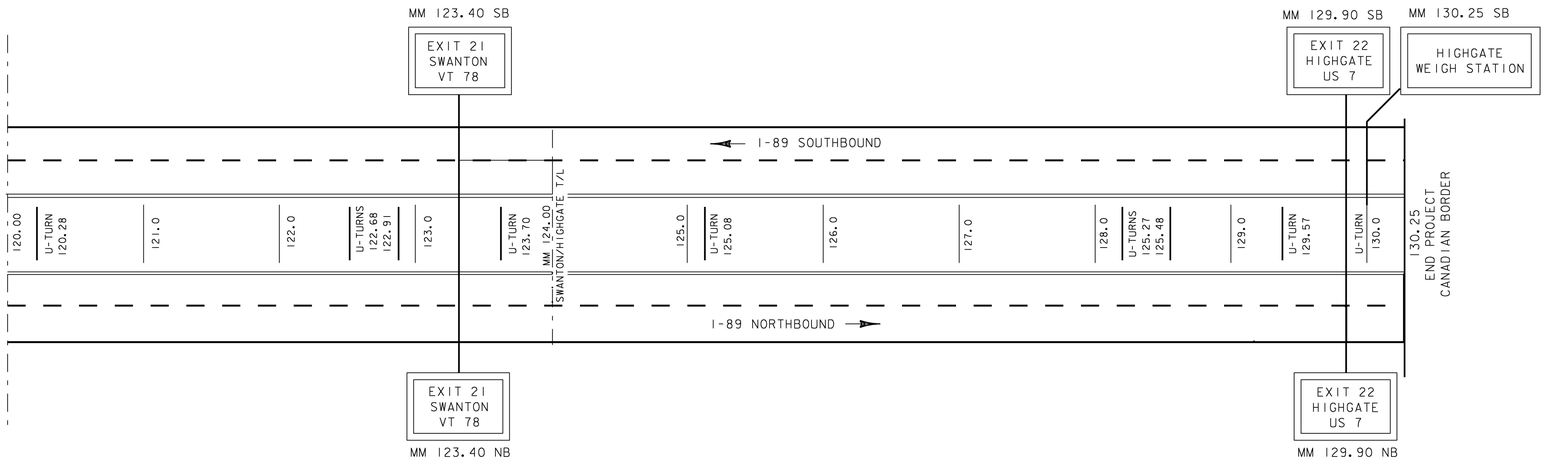
= 6'' SOLID YELLOW LINE

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NOT TO SCALE

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PROJECT NUMBER:	IMG MARK(116)
FILE NAME: z16t084.dgn	PLOT DATE: 1/23/2017
PROJECT LEADER: C. LATHROP	DRAWN BY: P. DAY
DESIGNED BY: P. DAY	CHECKED BY: C. LATHROP
I-89 MAINLINE TREATMENT SCHEMATIC 4	SHEET 21 OF 34

INTERSTATE 89 MAINLINE TREATMENT SCHEMATIC



LEGEND

= AREA NOT TO BE PAINTED

= AREA TO BE DONE AT NIGHT

= 6'' SOLID WHITE LINE

= 6'' DASHED WHITE LINE

= 6'' SOLID YELLOW LINE

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FILE NAME: z16t084.dgn	PLOT DATE: 1/23/2017
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I-89 MAINLINE TREATMENT SCHEMATIC 5	SHEET 22 OF 34

N

VT STATE PLANE GRID

6" DBL YELLOW C/L

6" YELLOW E/L
6" WHITE E/L

GARAGE

15 - 18' PARKING SPACES
6" WHITE

24 - 18' PARKING SPACES
6" WHITE

3 - 18' PARKING SPACES
6" WHITE

12" WHITE

7 - 18' PARKING SPACES
6" WHITE

6" WHITE E/L
6" YELLOW E/L

6" YELLOW E/L
6" WHITE E/L

GREEN DOME

REST AREA

INFO

6" WHITE E/L

6" YELLOW E/L

STOP

STOP

6" WHITE E/L

6" WHITE E/L

6" YELLOW E/L

6" WHITE E/L

6" WHITE E/L

I-89 NB ON RAMP

6" YELLOW E/L

7 96' PARKING SPACE LINES 6" WHITE

12" WHITE

6" YELLOW E/L

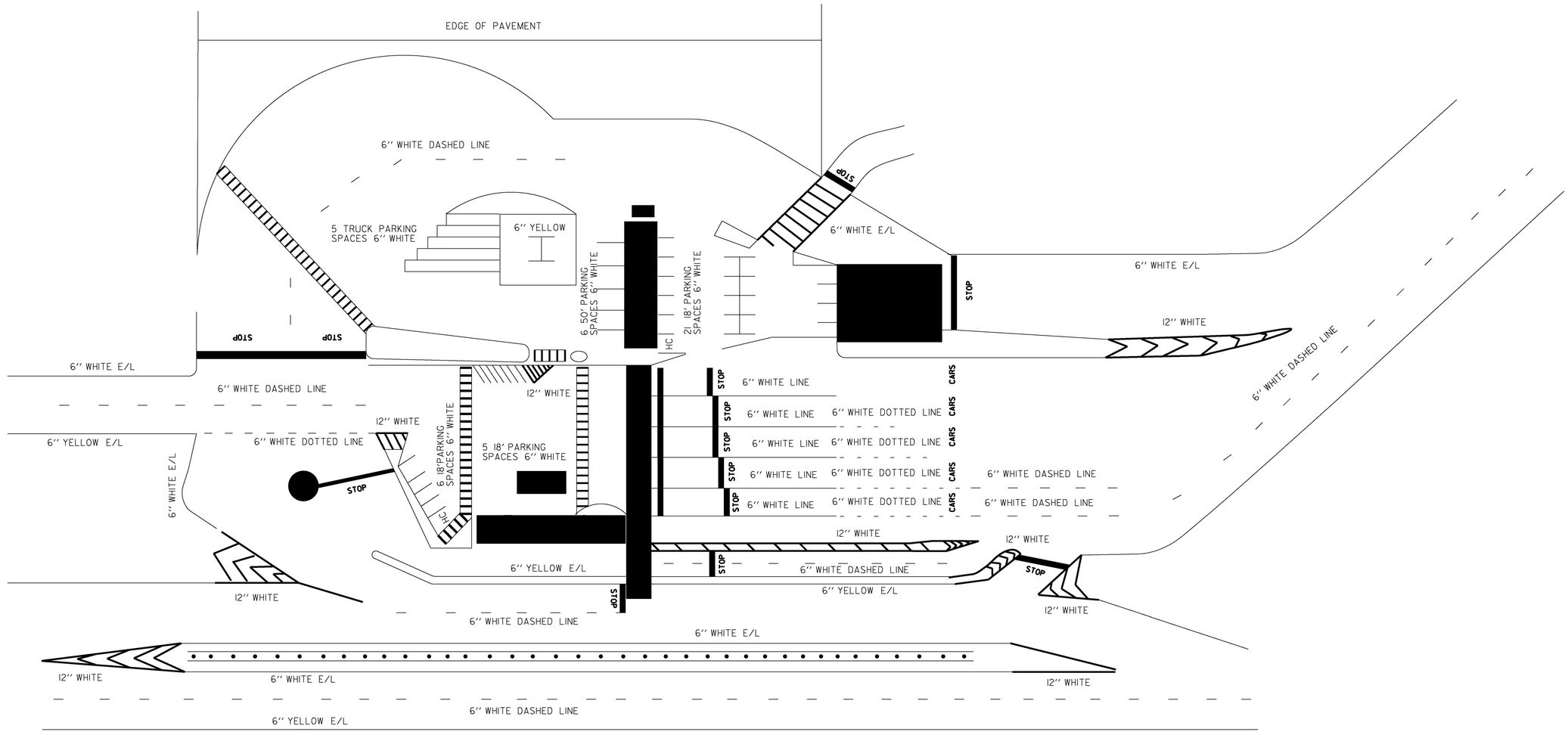
I-89 NB OFF RAMP

INTERSTATE 89

NOT TO SCALE

SHARON REST AREA NORTHBOUND
SITE SKETCH PARKING LAYOUT

PROJECT NAME:	STATEWIDE
PROJECT NUMBER:	IMG MARK(116)
FILE NAME: z16t084.dgn	PLOT DATE: 1/23/2017
PROJECT LEADER: C. LATHROP	DRAWN BY: C. LATHROP
DESIGNED BY: P. DAY	CHECKED BY: P. DAY
SHARON REST AREA NORTHBOUND LAYOUT	SHEET 23 OF 34



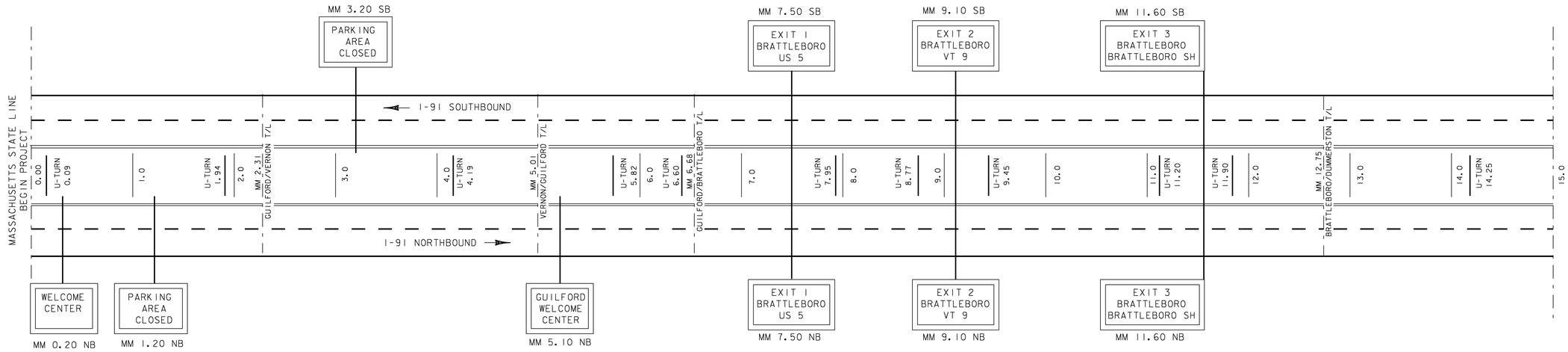
HIGHGATE BORDER STATION
SITE LAYOUT

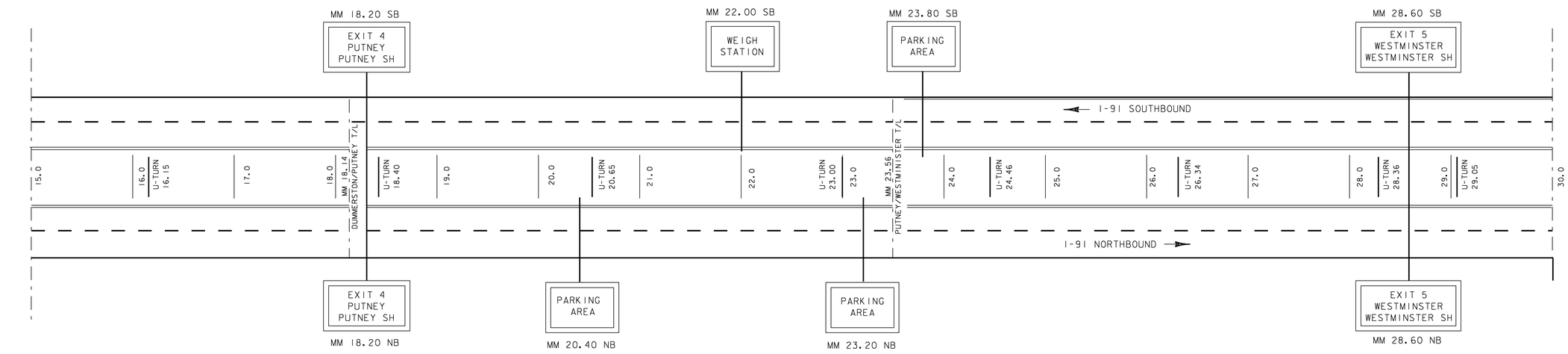
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PROJECT NUMBER: IMG MARK(116)	
FILE NAME: z16t084.dgn	PLOT DATE: 1/23/2017
PROJECT LEADER: C. LATHROP	DRAWN BY: P. DAY
DESIGNED BY: P. DAY	CHECKED BY: C. LATHROP
HIGHGATE BORDER STATION SITE LAYOUT	SHEET 24 OF 34

INTERSTATE 91 MAINLINE TREATMENT SCHEMATIC





LEGEND

= AREA TO BE DONE AT NIGHT

= 6'' SOLID WHITE LINE

= 6'' DASHED WHITE LINE

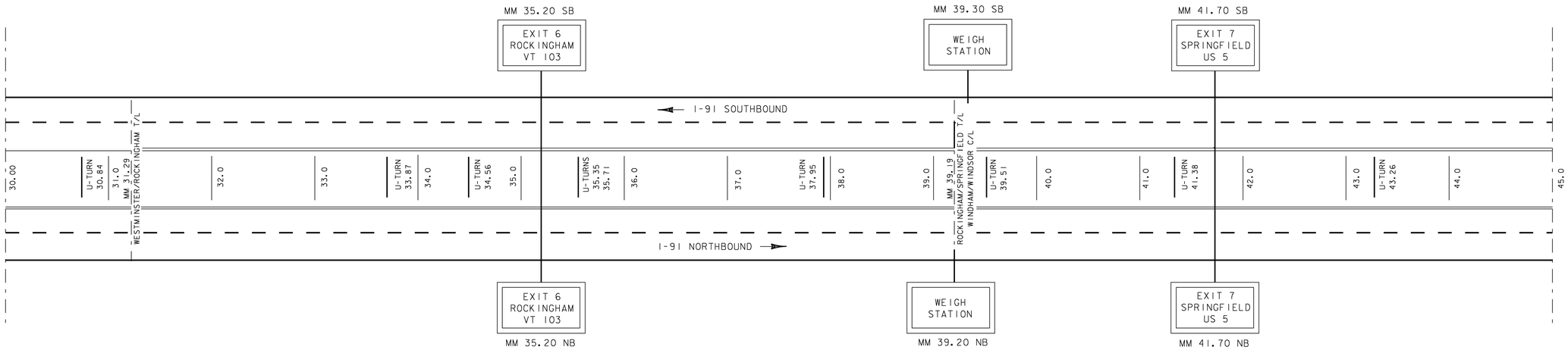
= 6'' SOLID YELLOW LINE

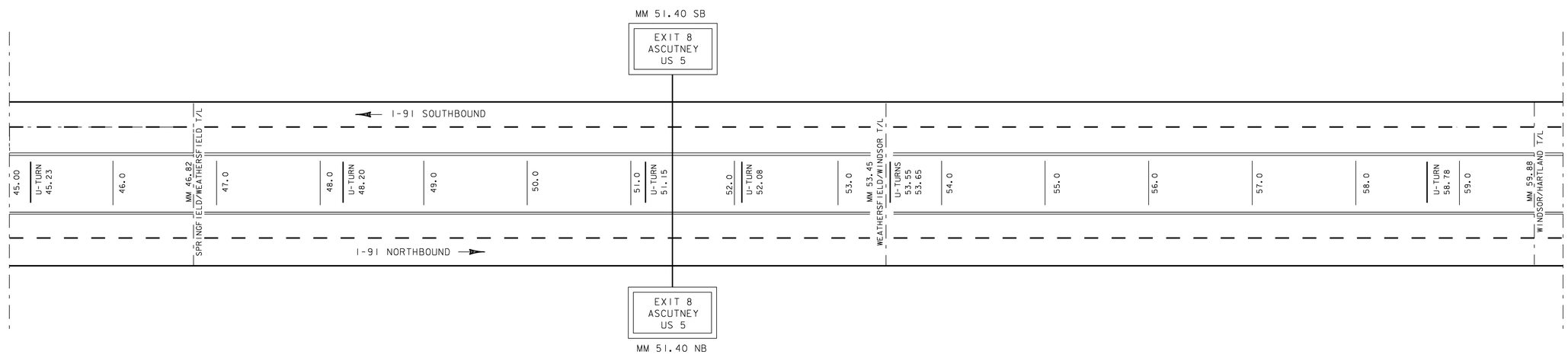
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NOT TO SCALE

PROJECT NAME:	STATEWIDE
PROJECT NUMBER:	IMG MARK(116)
FILE NAME: z16t084.dgn	PLOT DATE: 1/23/2017
PROJECT LEADER: C. LATHROP	DRAWN BY: P. DAY
DESIGNED BY: P. DAY	CHECKED BY: C. LATHROP
I-91 MAINLINE TREATMENT SCHEMATIC I	SHEET 25 OF 34

INTERSTATE 91 MAINLINE TREATMENT SCHEMATIC





LEGEND

= AREA TO BE DONE AT NIGHT

= 6'' SOLID WHITE LINE

= 6'' DASHED WHITE LINE

= 6'' SOLID YELLOW LINE

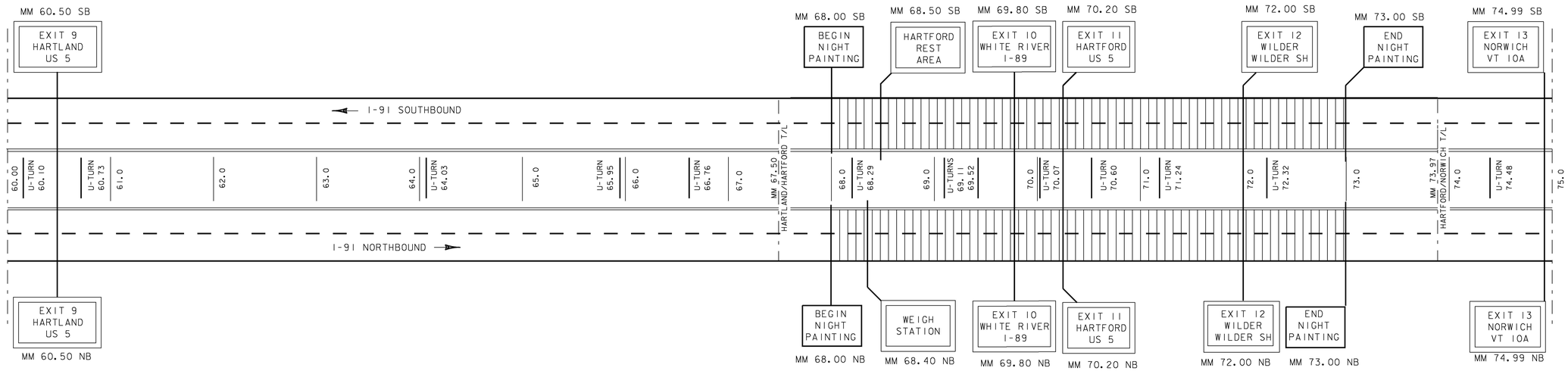
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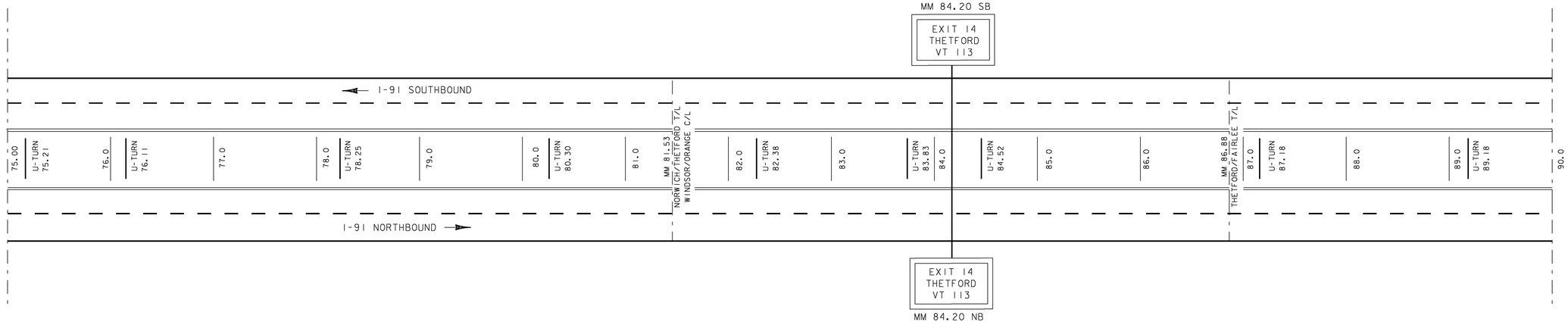
NOT TO SCALE

PROJECT NAME:	STATEWIDE
PROJECT NUMBER:	IMG MARK(116)

FILE NAME: z16t084.dgn	PLOT DATE: 1/23/2017
PROJECT LEADER: C. LATHROP	DRAWN BY: P. DAY
DESIGNED BY: P. DAY	CHECKED BY: C. LATHROP
I-91 MAINLINE TREATMENT SCHEMATIC 2	SHEET 26 OF 34

INTERSTATE 91 MAINLINE TREATMENT SCHEMATIC





LEGEND

= AREA TO BE DONE AT NIGHT

= 6'' SOLID WHITE LINE

= 6'' DASHED WHITE LINE

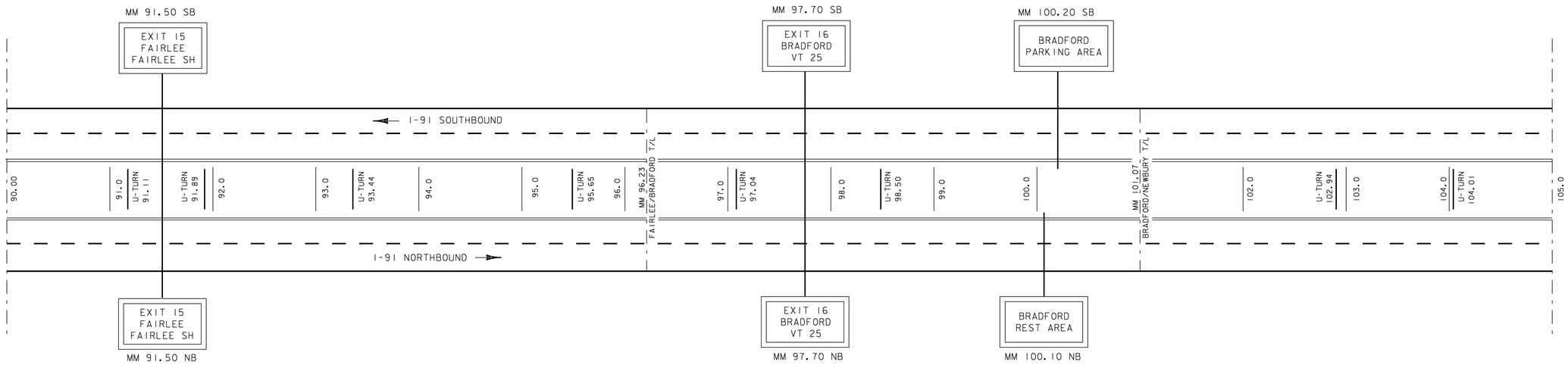
= 6'' SOLID YELLOW LINE

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NOT TO SCALE

PROJECT NAME: STATEWIDE	
PROJECT NUMBER: IMG MARK(116)	
FILE NAME: z16t084.dgn	PLOT DATE: 1/23/2017
PROJECT LEADER: C. LATHROP	DRAWN BY: P. DAY
DESIGNED BY: P. DAY	CHECKED BY: C. LATHROP
I-91 MAINLINE TREATMENT SCHEMATIC 3	SHEET 27 OF 34

INTERSTATE 91 MAINLINE TREATMENT SCHEMATIC



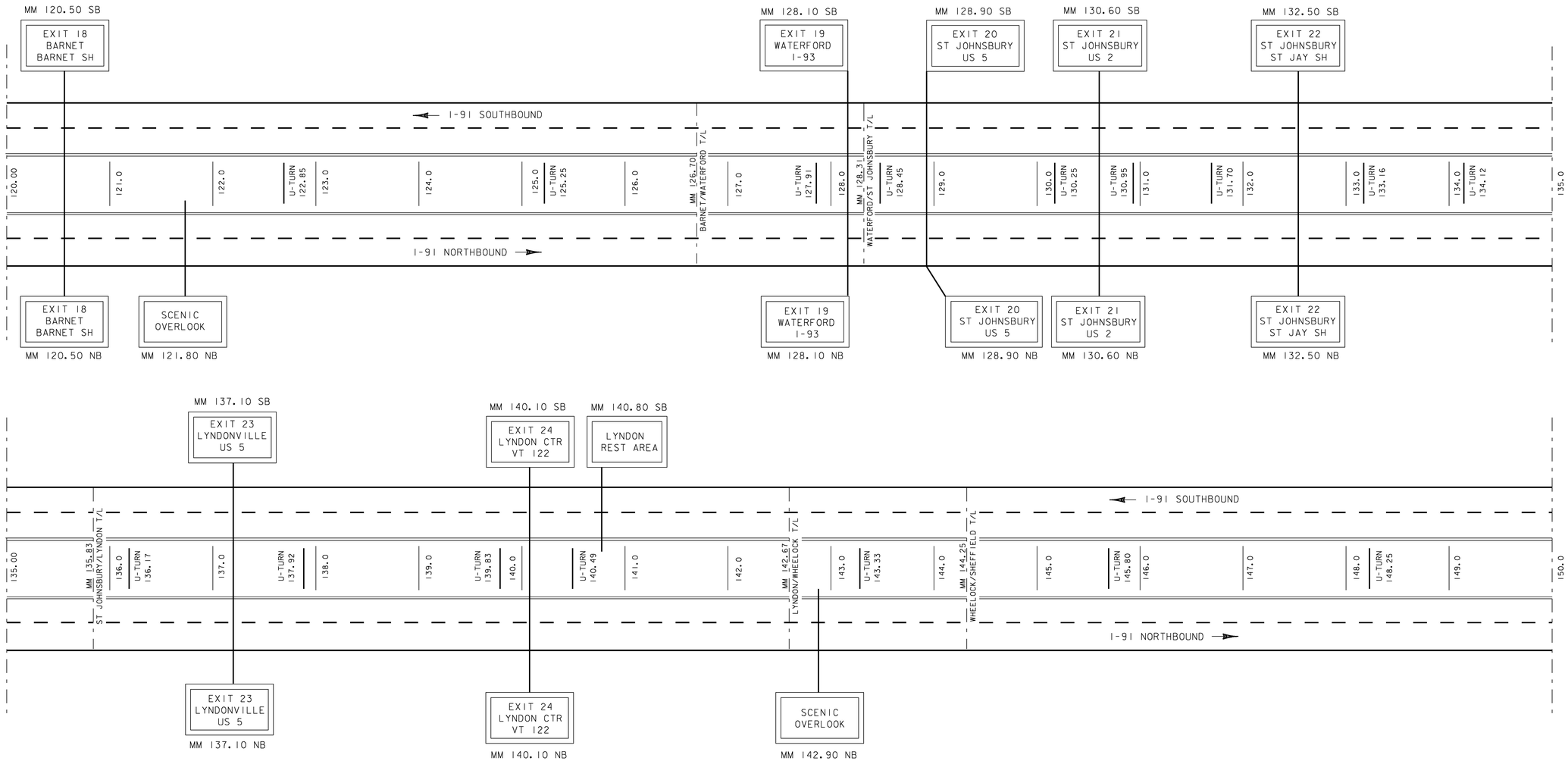
LEGEND

= AREA TO BE DONE AT NIGHT
= 6'' SOLID WHITE LINE
= 6'' DASHED WHITE LINE
= 6'' SOLID YELLOW LINE

NOT TO SCALE

PROJECT NAME:	STATEWIDE
PROJECT NUMBER:	IMG MARK(116)
FILE NAME: z16t084.dgn	PLOT DATE: 1/23/2017
PROJECT LEADER: C. LATHROP	DRAWN BY: P. DAY
DESIGNED BY: P. DAY	CHECKED BY: C. LATHROP
I-91 MAINLINE TREATMENT SCHEMATIC 4	SHEET 28 OF 34

INTERSTATE 91 MAINLINE TREATMENT SCHEMATIC



LEGEND

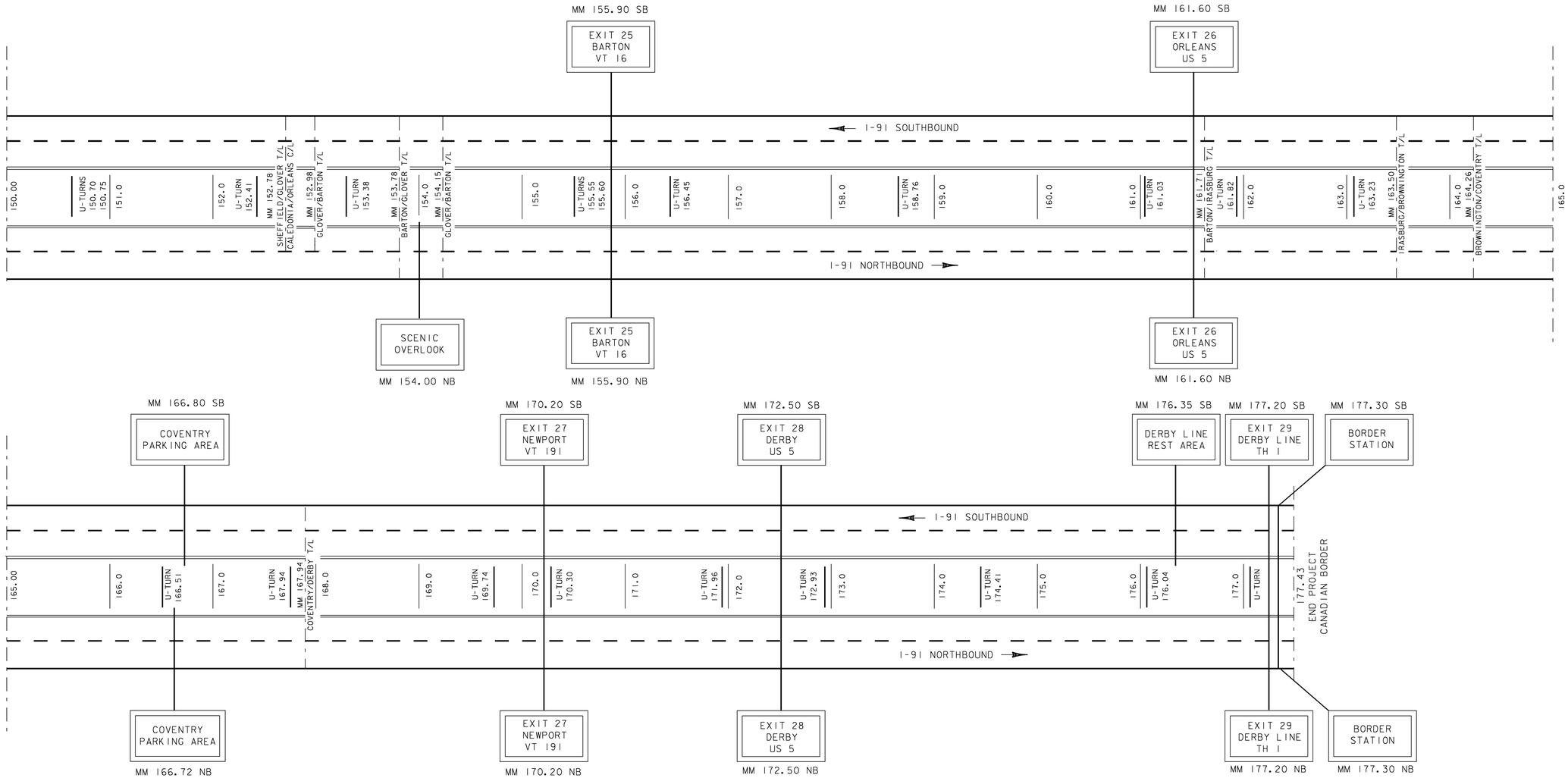
= AREA TO BE DONE AT NIGHT
= 6'' SOLID WHITE LINE
= 6'' DASHED WHITE LINE
= 6'' SOLID YELLOW LINE

QUANTITIES ON THIS SHEET REPRESENT ALL EXISTING MARKINGS. AT THE DIRECTION OF THE ENGINEER, AREAS WHICH DO NOT NEED TO BE REPAINTED WILL BE EXCLUDED FROM THIS PROJECT.

NOT TO SCALE

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PROJECT NUMBER:	IMG MARK(116)
FILE NAME: z16t084.dgn	PLOT DATE: 1/23/2017
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I-91 MAINLINE TREATMENT SCHEMATIC 5	SHEET 29 OF 34

INTERSTATE 91 MAINLINE TREATMENT SCHEMATIC



LEGEND

= AREA TO BE DONE AT NIGHT

= 6'' SOLID WHITE LINE

= 6'' DASHED WHITE LINE

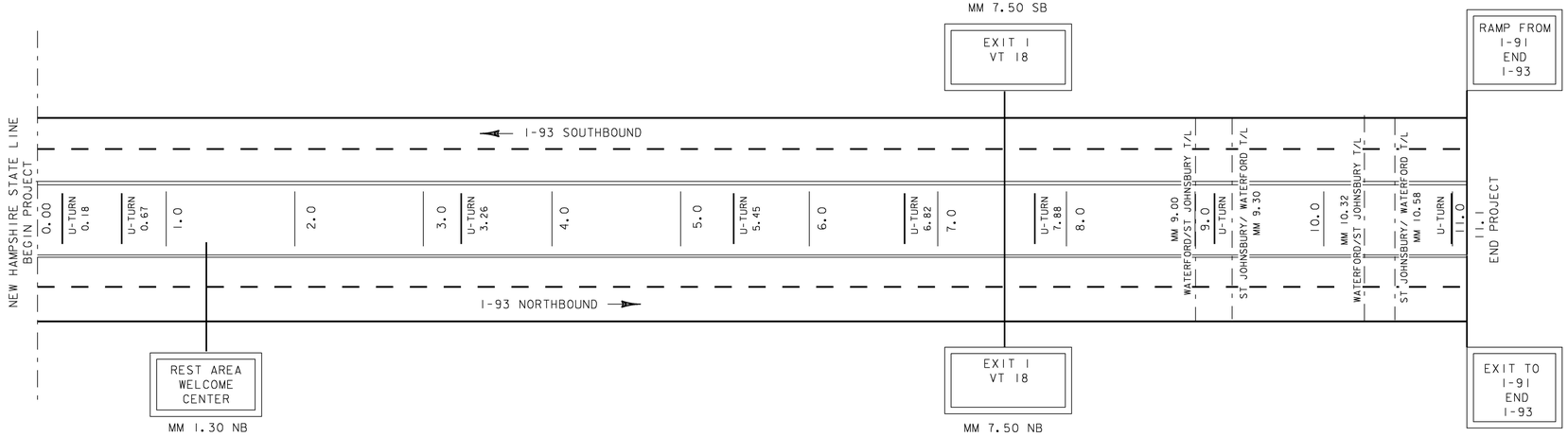
= 6'' SOLID YELLOW LINE

QUANTITIES ON THIS SHEET REPRESENT ALL EXISTING MARKINGS. AT THE DIRECTION OF THE ENGINEER, AREAS WHICH DO NOT NEED TO BE REPAINTED WILL BE EXCLUDED FROM THIS PROJECT.

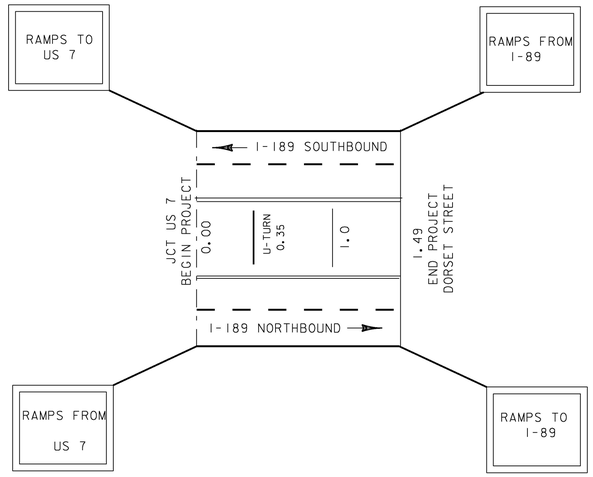
NOT TO SCALE

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PROJECT NUMBER:	IMG MARK(116)
FILE NAME: z16t084.dgn	PLOT DATE: 1/23/2017
PROJECT LEADER: C. LATHROP	DRAWN BY: P. DAY
DESIGNED BY: P. DAY	CHECKED BY: C. LATHROP
I-91 MAINLINE TREATMENT SCHEMATIC 6	SHEET 30 OF 34

INTERSTATE 93 MAINLINE TREATMENT SCHEMATIC



INTERSTATE 189 MAINLINE TREATMENT SCHEMATIC



LEGEND

= AREA TO BE DONE AT NIGHT

= 6'' SOLID WHITE LINE

= 6'' DASHED WHITE LINE

= 6'' SOLID YELLOW LINE

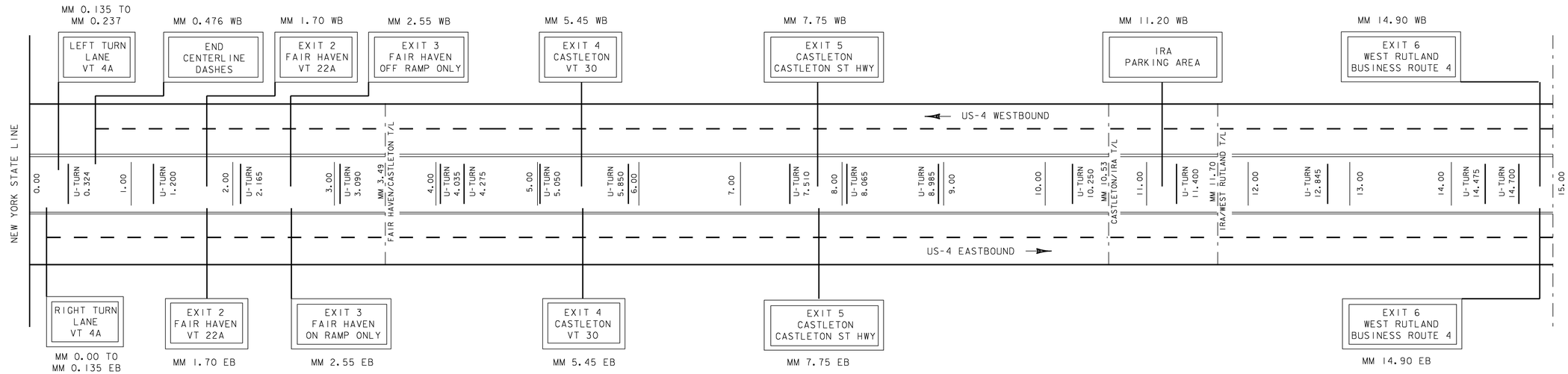
QUANTITIES ON THIS SHEET REPRESENT ALL EXISTING MARKINGS. AT THE DIRECTION OF THE ENGINEER, AREAS WHICH DO NOT NEED TO BE REPAINTED WILL BE EXCLUDED FROM THIS PROJECT.

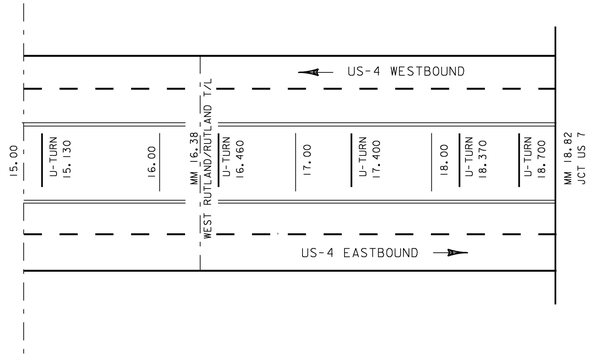
NOT TO SCALE

PROJECT NAME:	STATEWIDE
PROJECT NUMBER:	IMG MARK(116)

FILE NAME: z16t084.dgn	PLOT DATE: 1/23/2017
PROJECT LEADER: C. LATHROP	DRAWN BY: P. DAY
DESIGNED BY: P. DAY	CHECKED BY: C. LATHROP
I-93/I-189 MAINLINE TREATMENT SCHEMATIC	SHEET 31 OF 34

US 4 DIVIDED HIGHWAY MAINLINE TREATMENT SCHEMATIC





LEGEND

= 6'' SOLID WHITE LINE

= 6'' DASHED WHITE LINE

= 6'' SOLID YELLOW LINE

QUANTITIES ON THIS SHEET REPRESENT ALL EXISTING MARKINGS. AT THE DIRECTION OF THE ENGINEER, AREAS WHICH DO NOT NEED TO BE REPAINTED WILL BE EXCLUDED FROM THIS PROJECT.

NOT TO SCALE

PROJECT NAME:	STATEWIDE
PROJECT NUMBER:	IMG MARK(116)

FILE NAME: z16t084.dgn	PLOT DATE: 1/23/2017
PROJECT LEADER: C. LATHROP	DRAWN BY: P. DAY
DESIGNED BY: P. DAY	CHECKED BY: C. LATHROP
US-4 DIVIDED HIGHWAY MAINLINE SCHEMATIC	SHEET 32 OF 34

MESSAGES FOR PCMS

CHITTENDEN COUNTY AND WHITE RIVER AREA JCT 1WEEK AHEAD

PHASE ONE

1	2	3	4	5	6	7	8
	N	I	G	H	T		
P	A	V	E	M	E	N	T
M	A	R	K	I	N	G	S

PHASE TWO

1	2	3	4	5	6	7	8
	B	E	G	I	N	S	
X	X	/	X	X	/	X	X

ALT. PHASE TWO

1	2	3	4	5	6	7	8
	N	E	X	T		X	
	N	I	G	H	T	S	

CHITTENDEN COUNTY AND WHITE RIVER JCT AREA DURING MARKING

PHASE ONE

1	2	3	4	5	6	7	8
P	A	V	E	M	E	N	T
M	A	R	K	I	N	G	S
T	O	N	I	G	H	T	

PHASE TWO

1	2	3	4	5	6	7	8
6	P	M					
			T	O			
					6	A	M

NOT TO SCALE

PROJECT NAME: STATEWIDE
PROJECT NUMBER: IMG MARK(116)

FILE NAME: z16t084.dgn
PROJECT LEADER: C. LATHROP
DESIGNED BY: P. DAY
MESSAGES FOR PCMS

PLOT DATE: 1/23/2017
DRAWN BY: P. DAY
CHECKED BY: C. LATHROP
SHEET 33 OF 34

MESSAGES FOR ADVANCED WARNING VEHICLES AND PROTECTION VEHICLES

ADVANCED WARNING VEHICLE # 1

PHASE ONE

1	2	3	4	5	6	7	8
P	A	V	E	M	E	N	T
M	A	R	K	I	N	G	S
	A	H	E	A	D		

PHASE TWO

1	2	3	4	5	6	7	8
	R	I	G	H	T		
		L	A	N	E		
	C	L	O	S	E	D	

ALT. PHASE TWO

1	2	3	4	5	6	7	8
		L	E	F	T		
		L	A	N	E		
	C	L	O	S	E	D	

PROTECTION VEHICLE # 1 + # 2

PHASE ONE

1	2	3	4	5	6	7	8
		L	E	F	T		
		L	A	N	E		
	C	L	O	S	E	D	

ALT. PHASE ONE

1	2	3	4	5	6	7	8
	R	I	G	H	T		
		L	A	N	E		
	C	L	O	S	E	D	

PHASE TWO

1	2	3	4	5	6	7	8
X			X			X	
	X			X			X
X			X			X	

SEQUENTIAL RIGHT CHEVRONS

ALT. PHASE TWO

1	2	3	4	5	6	7	8
	X			X			X
X			X			X	
	X			X			X

SEQUENTIAL LEFT CHEVRONS

NOT TO SCALE

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DESIGNED BY: P. DAY	CHECKED BY: C. LATHROP
MESSAGES FOR AWV/PV	SHEET 34 OF 34