

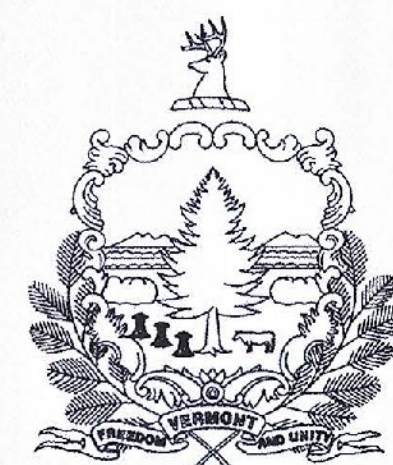
INDEX OF SHEETS

- 1. TITLE SHEET
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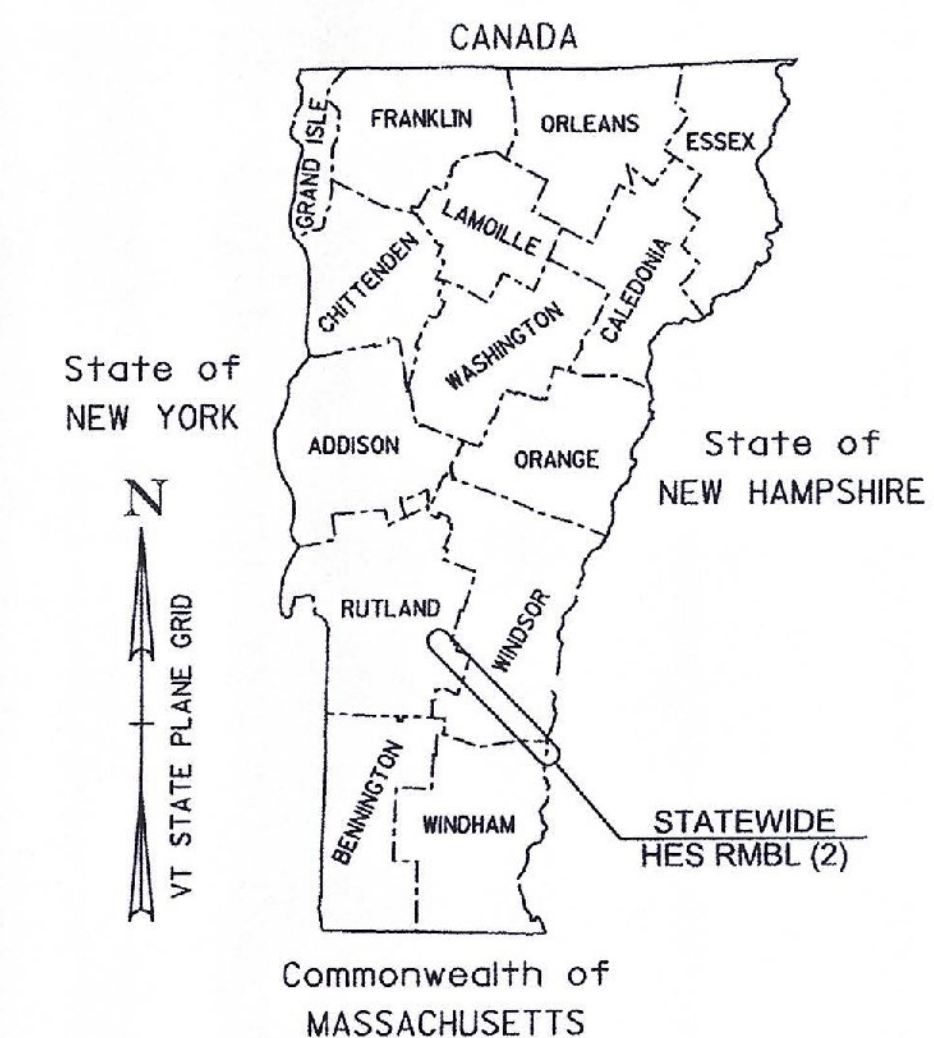
STANDARDS

E-193	08-18-1995
T-1	08-06-2012
T-10	08-06-2012
T-24	08-06-2012
T-28	08-06-2012
T-29	08-06-2012
T-30	08-06-2012

STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT STATEWIDE COUNTIES OF WINDSOR, WINDHAM AND RUTLAND VT ROUTE 103 (PRINCIPAL ARTERIAL)

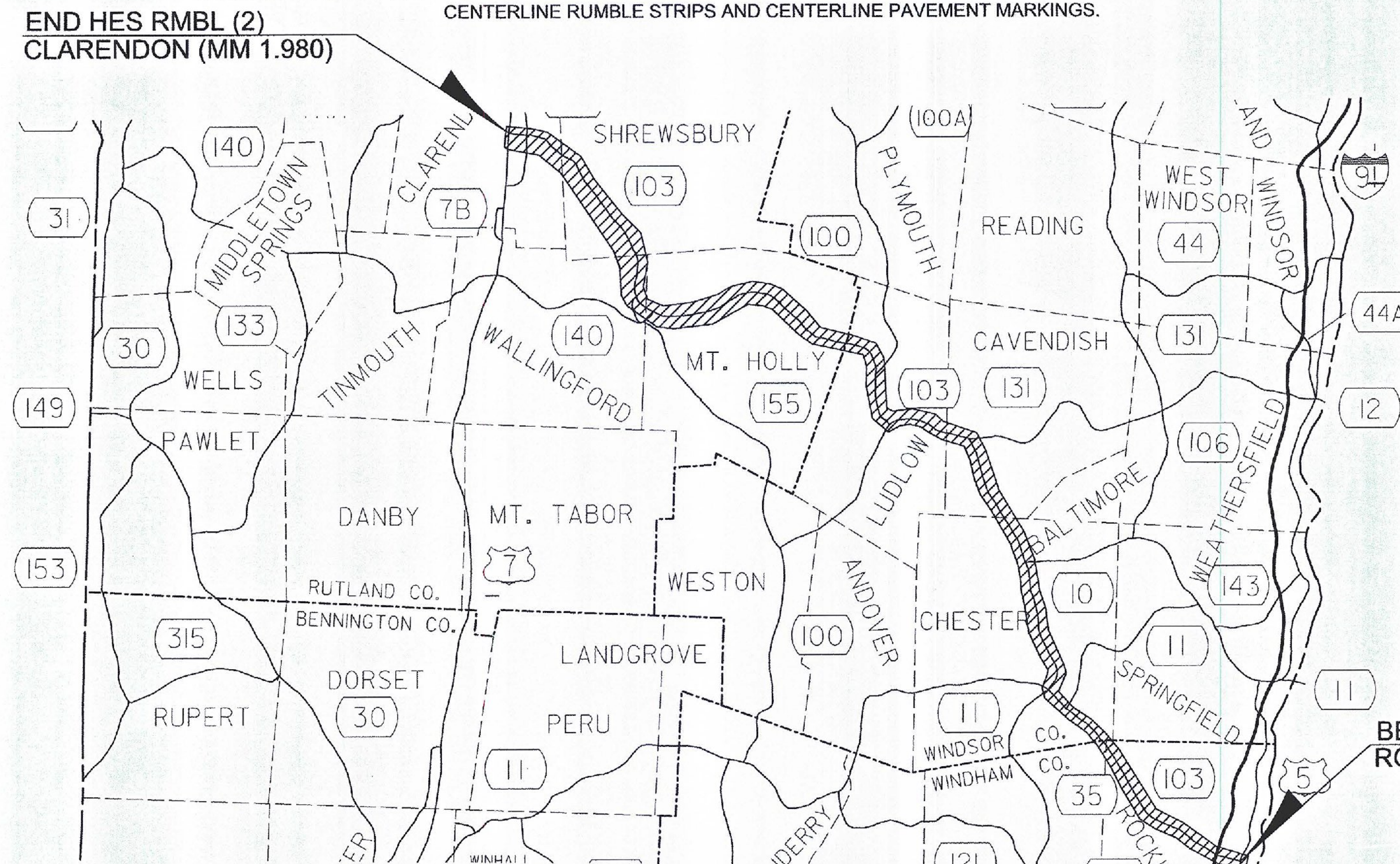


RECORD PLANS	
CONTRACTOR:	KUBRICKY CONSTRUCTION CORP. - WILTON, NY.
RESIDENT ENGINEER:	PAUL PERRY
CONSTRUCTION BEGAN:	OCTOBER 30, 2014
CONSTRUCTION COMPLETE:	NOVEMBER 6, 2014
RECORD PLANS BY:	PAUL PERRY & PERCY BANNERMAN
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.	
BY	<i>Paul V. Perry</i> RESIDENT ENGINEER
DATE	5/12/15
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 LOCATION: BEGINNING IN THE TOWN OF ROCKINGHAM ON VT ROUTE 103 AT MM 0.550 AND EXTENDING NORTHERLY 29.914 MILES TO MM 1.980 IN THE TOWN OF CLARENDON.

PROJECT LENGTH:	ROCKINGHAM	CHESTER	CAVENDISH	LUDLOW	MOUNT HOLLY	WALLINGFORD	SHREWSBURY	CLARENDON	TOTAL
	30624 FEET	31601 FEET	18744 FEET	14995 FEET	40566 FEET	1162 FEET	10380 FEET	9874 FEET	157946 FEET
	5.800 MILES	5.985 MILES	3.550 MILES	2.840 MILES	7.683 MILES	0.220 MILES	1.966 MILES	1.870 MILES	29.914 MILES

PROJECT INFORMATION: THE PROJECT SHALL CONSIST OF THE INSTALLATION OF NEW 12" END HES RMBL (2) CLARENDON (MM 1.980) CENTERLINE RUMBLE STRIPS AND CENTERLINE PAVEMENT MARKINGS.

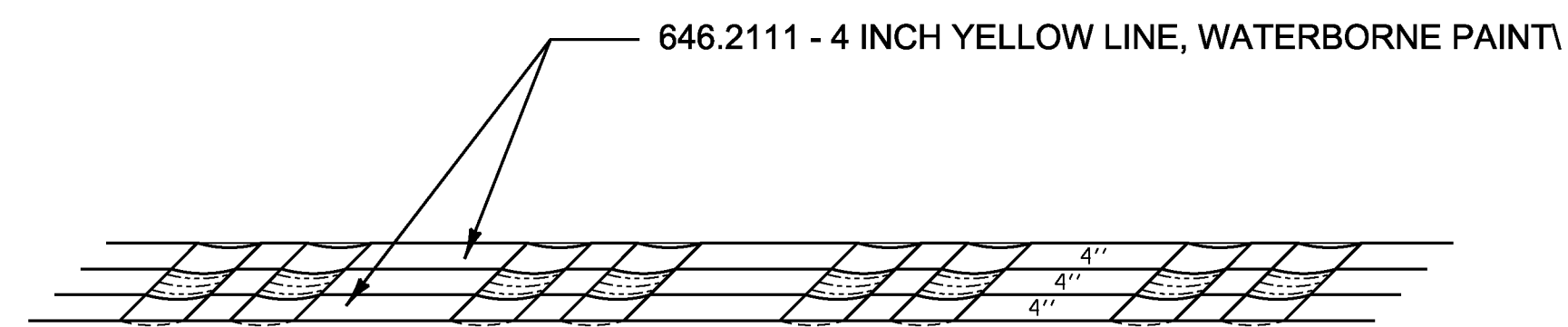


THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROGRAM DEVELOPMENT.

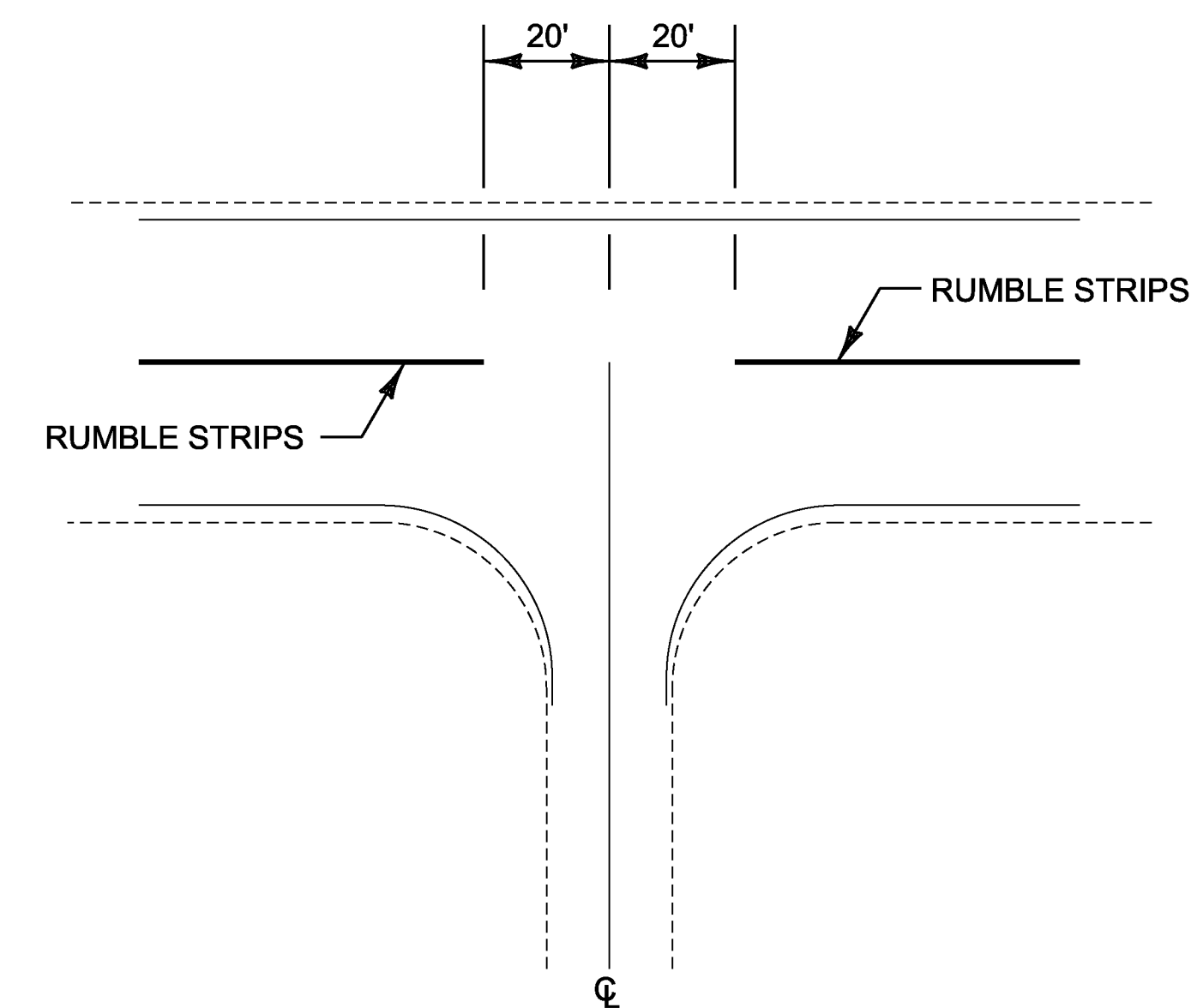
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2011, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JULY 20, 2011 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS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

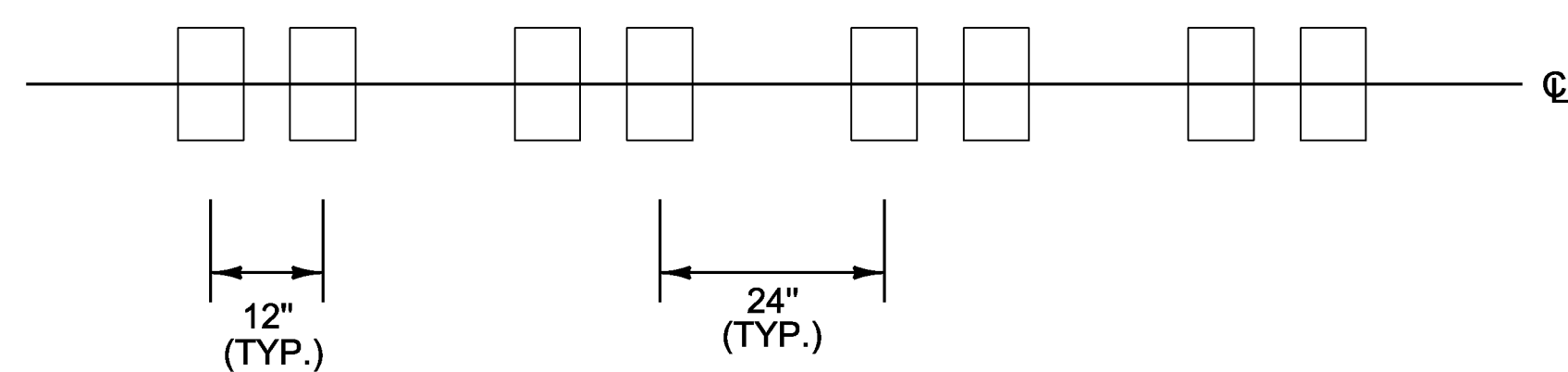
DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED <i>Patricia Coburn</i>	DATE 5-21-14
PROJECT MANAGER : PATRICIA COBURN, P.E.	
PROJECT NAME :	STATEWIDE
PROJECT NUMBER :	HES RMBL (2)
SHEET 1 OF 4 SHEETS	



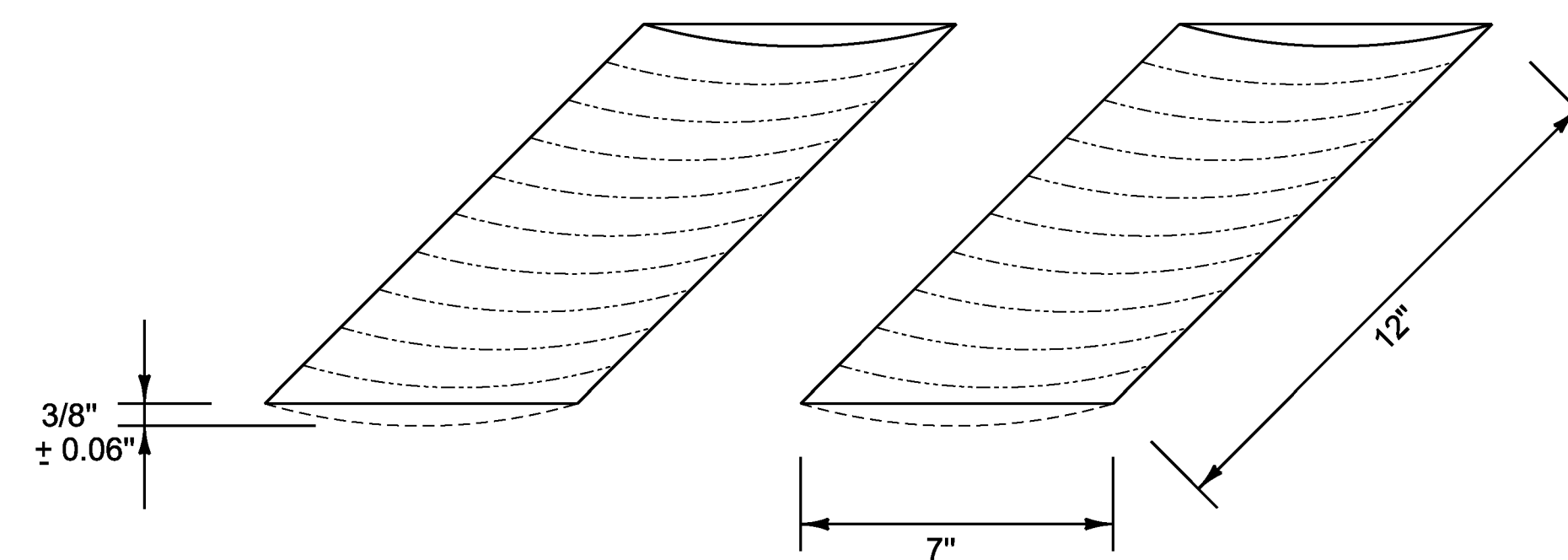
PAVEMENT MARKINGS DETAIL



INTERSECTION DETAIL



RUMBLE STRIP LAYOUT



RUMBLE STRIP DETAIL

NOTES:

1. CENTERLINE RUMBLE STRIPS NOT TO EXTEND BEYOND CENTERLINE WHEN CENTERLINE IS A DOUBLE YELLOW LINE, WITH OR WITHOUT A PASSING ZONE.
2. CENTERLINE RUMBLE STRIP TO BE PLACED ALONG CENTERLINE OF ROADWAY.
3. CENTERLINE RUMBLE STRIP TO STOP 20 FEET PRIOR TO THE CENTERLINE OF AN INTERSECTION.
4. PRIOR TO APPLICATION OF FINAL PAVEMENT MARKINGS, TWO APPLICATIONS OF SPECIAL PROVISION (FOG SEAL SURFACE TREATMENT) SHALL BE APPLIED TO THE COMPLETED CENTERLINE RUMBLE STRIP AT THE RATE OF 0.15 GAL/SY (+/- 0.05 GAL/SY), OR AS DIRECTED BY THE ENGINEER.
5. TRAFFIC SHALL BE KEPT OFF CENTERLINE FOR A MINIMUM OF TWO HOURS UNTIL CURING IS COMPLETE AND UNTIL FOG SEAL SURFACE TREATMENT WILL NOT "PICK-UP" UNDER TRAFFIC, OR AS DIRECTED BY THE ENGINEER.

PROJECT NAME: STATEWIDE
PROJECT NUMBER: HES RMBL(2)

FILE NAME: +13e214_detail01.dgn
PROJECT LEADER: P. COBURN
DESIGNED BY: B. GROSE
DETAIL SHEET

PLOT DATE: 6/2/2014
DRAWN BY: B. GROSE
CHECKED BY: M. LACROIX
SHEET 2 OF 4

QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES													TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES			
												ROADWAY	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS	
													159525	159525		LF	MILLED RUMBLE STRIPS	213.10	1579			
													1	1		LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	-			
													1	1		LS	MOBILIZATION/DEMobilIZATION	635.11	-			
													1	1		LS	TRAFFIC CONTROL	641.10	-			
													682000	682000		LF	4 INCH YELLOW LINE, WATERBORNE PAINT	646.2111	669			
													4592	4592		EACH	LINE STRIPING TARGETS	646.76	--			
													445	445		CWT	SPECIAL PROVISION (FOG SEAL SURFACE TREATMENT)	900.683	3			

PROJECT NAME: STATEWIDE
 PROJECT NUMBER: HES RMBL(2)
 FILE NAME: t13e2l4frm.dgn
 PROJECT LEADER: P. COBURN
 DESIGNED BY: B. GROSE
 QUANTITY SHEET
 PLOT DATE: 6/2/2014
 DRAWN BY: B. GROSE
 CHECKED BY: M. LACROIX
 SHEET 3 OF 4

COUNTY	TOWN	MM BEGIN	MM END	MILEAGE	213.10 - 12" CENTERLINE RUMBLE STRIPS	646.2111 - 4" YELLOW LINE, WATERBORNE PAINT (1st APPLICATION)	646.2111 - 4" YELLOW LINE, WATERBORNE PAINT (2nd APPLICATION)	646.76 - LINE STRIPING TARGETS (40' SPACE)	
WINDHAM	ROCKINGHAM	0.550	1.245	0.695	3669.60	7339.20	7339.20	92	
		0.695	1.295	0.600	BREAK	6336.00	0.00	80	
		1.295	3.010	1.715	9055.20	18110.40	18110.40	227	
		3.010	3.030	0.020	BREAK	211.20	0.00	3	
		3.030	3.285	0.255	1346.40	2692.80	2692.80	34	
		3.285	3.305	0.020	BREAK	211.20	0.00	3	
		3.305	3.475	0.170	897.60	1795.20	1795.20	23	
		3.475	3.560	0.085	BREAK	897.60	0.00	12	
		3.560	4.815	1.255	6626.40	13252.80	13252.80	166	
		4.815	4.845	0.030	BREAK	316.80	0.00	4	
		4.845	5.900	1.055	5570.40	11140.80	11140.80	140	
		5.900	5.970	0.070	BREAK	739.20	0.00	10	
		5.970	6.370	0.400	2112.00	4224.00	4224.00	53	
		6.370	6.390	0.020	BREAK	211.20	0.00	3	
6.390	6.600	0.210	1108.80	2217.60	2217.60	28			
6.600	6.630	0.030	BREAK	316.80	0.00	4			
6.630	6.675	0.045	237.60	475.20	475.20	6			
WINDSOR	CHESTER	0.000	0.620	0.620	3273.60	6547.20	6547.20	82	
		0.620	0.675	0.055	BREAK	580.80	0.00	8	
		0.675	1.500	0.825	4356.00	8712.00	8712.00	109	
		1.500	2.603	1.103	BREAK	11647.68	0.00	146	
		2.603	4.270	-----CLASS I TOWN HIGHWAY: SUSPEND WORK-----					
		4.270	4.560	0.290	BREAK	3062.40	0.00	39	
		4.560	5.360	0.800	4224.00	8448.00	8448.00	106	
		5.360	5.390	0.030	BREAK	316.80	0.00	4	
		5.390	6.060	0.670	3537.60	7075.20	7075.20	89	
		6.060	6.085	0.025	BREAK	264.00	0.00	4	
		6.085	7.560	1.475	7788.00	15576.00	15576.00	195	
		7.560	7.980	0.420	BREAK	4435.20	0.00	56	
		7.980	8.380	0.400	2112.00	4224.00	4224.00	53	
		8.380	8.520	0.140	BREAK	1478.40	0.00	19	
8.520	9.370	0.850	4488.00	8976.00	8976.00	113			
9.370	9.535	0.165	BREAK	1742.40	0.00	22			
9.535	9.880	0.345	1821.60	3643.20	3643.20	46			
WINDSOR	CAVENDISH	0.000	2.050	2.050	10824.00	21648.00	21648.00	271	
		2.050	2.115	0.065	BREAK	686.40	0.00	9	
		2.115	2.475	0.360	1900.80	3801.60	3801.60	48	
		2.475	2.535	0.060	BREAK	633.60	0.00	8	
		2.535	2.805	0.270	1425.60	2851.20	2851.20	36	
		2.805	2.845	0.040	BREAK	422.40	0.00	6	
		2.845	2.920	0.075	396.00	792.00	792.00	10	
		2.920	2.945	0.025	BREAK	264.00	0.00	4	
2.945	3.740	0.795	4197.60	8395.20	8395.20	105			
WINDSOR	LUDLOW	0.000	0.200	0.200	1056.00	2112.00	2112.00	27	
		0.200	1.289	1.089	BREAK	11499.84	0.00	144	
		1.289	2.850	-----CLASS I TOWN HIGHWAY: SUSPEND WORK-----					
		2.850	3.950	1.100	5808.00	11616.00	11616.00	146	
		3.950	4.240	0.290	BREAK	3062.40	0.00	39	
4.240	5.780	1.540	8131.20	16262.40	16262.40	204			
RUTLAND	MOUNT HOLLY	0.000	7.683	7.683	40566.24	81132.48	81132.48	1015	
RUTLAND	WALLINGFORD	0.000	0.220	0.220	1161.60	2323.20	2323.20	30	
RUTLAND	SHREWSBURY	2.250	2.320	0.070	369.60	739.20	739.20	10	
		2.320	2.340	0.020	BREAK	211.20	0.00	3	
		2.340	4.236	1.896	10010.88	20021.76	20021.76	251	
RUTLAND	CLARENDON	0.000	1.870	1.870	9873.60	19747.20	19747.20	247	
PROJECT TOTAL					157945.92	365439.36	315891.84	4592	
ROUNDING					1579.08	560.64	108.16	0	
SHEET TOTALS					159,525 LF	366,000 LF	316,000 LF	4,592 EA	

NOTES:

- ALL MILEAGE BEGIN AND END POINTS ARE FIELD MEASURED AND APPROXIMATE. FINAL LOCATIONS TO BE DETERMINED BY THE ENGINEER.
- LINE STRIPING TARGETS SHALL BE INSTALLED IMMEDIATELY AFTER MILLED RUMBLE STRIPS ARE CONSTRUCTED.
- THERE SHALL BE TWO SEPARATE APPLICATIONS OF 4 INCH YELLOW LINE, WATERBORNE PAINT. THE FIRST APPLICATION SHALL OCCUR NO LATER THAN 14 DAYS AFTER THE INSTALLATION OF THE RUMBLE STRIPS. THE SECOND APPLICATION SHALL OCCUR NO SOONER THAN 14 DAYS AFTER THE FIRST APPLICATION.

PROJECT NAME: STATEWIDE
PROJECT NUMBER: HES RMBL(2)

FILE NAME: t13e214_table.dgn PLOT DATE: 6/2/2014
PROJECT LEADER: P. COBURN DRAWN BY: B. GROSE
DESIGNED BY: B. GROSE CHECKED BY: M. LACROIX
ITEM DETAIL SHEET SHEET 4 OF 4