

STATE OF VERMONT AGENCY OF TRANSPORTATION

Dated MAY 7 1984
Cooly Asphalt Paving
 Contractor
W. Alfred Labrada
 Signature
President
 Title
[Signature]
 Transportation Secretary's Signature

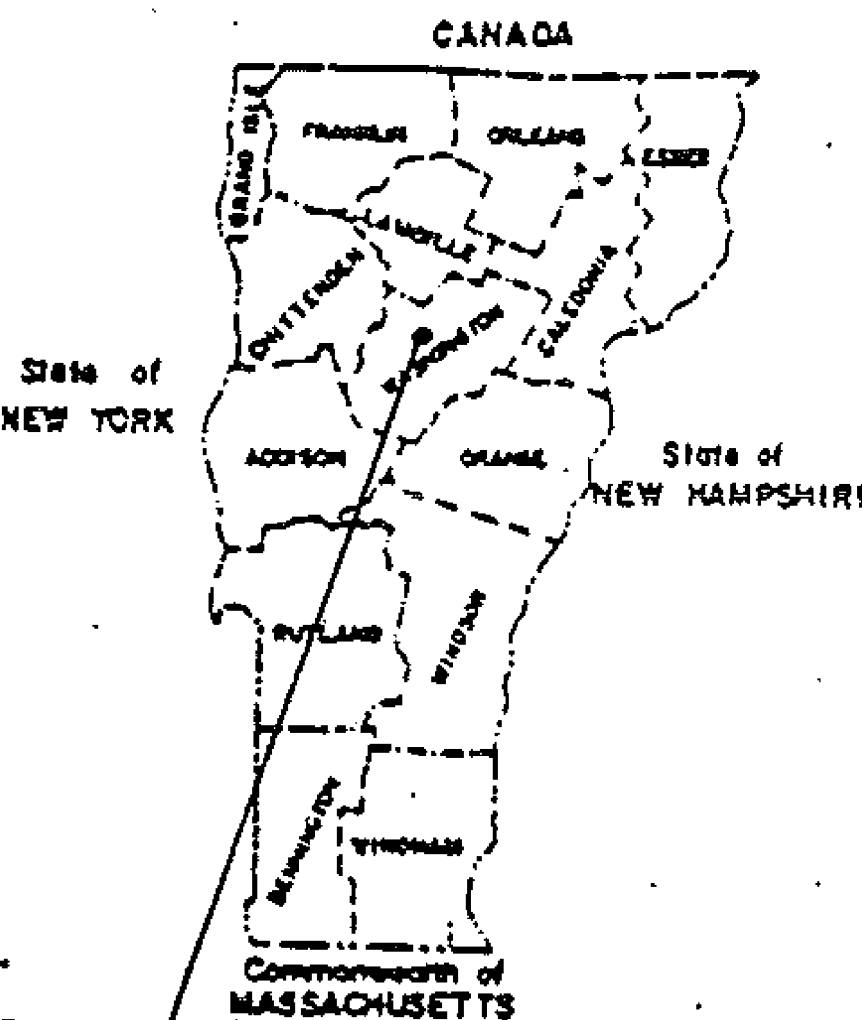
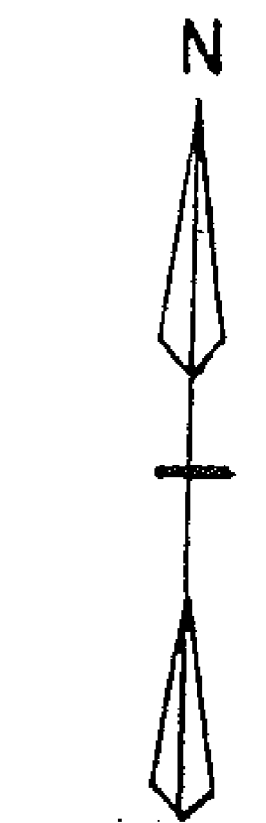
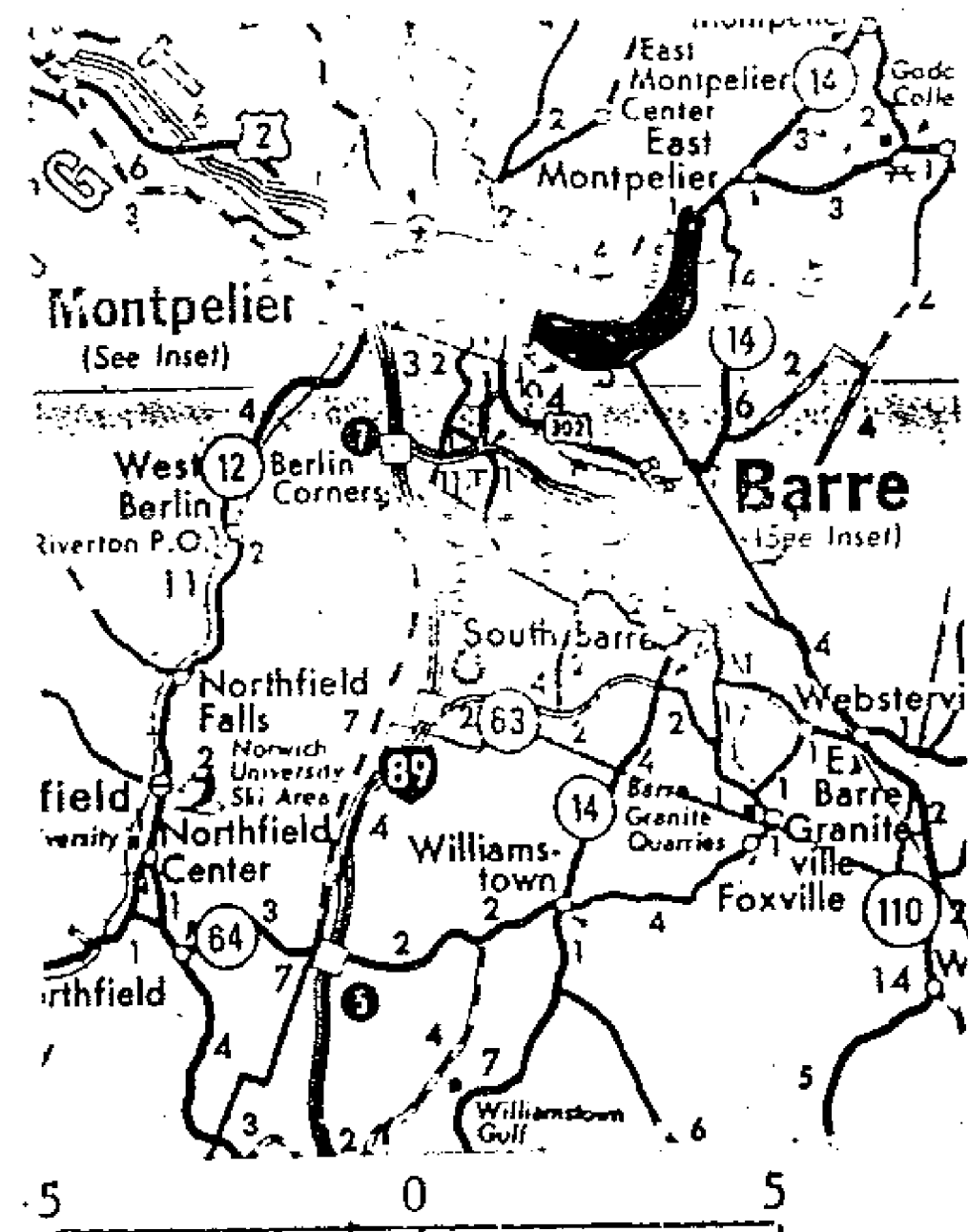


CONTRACT PLANS
 THESE PLANS DO NOT REFLECT
 CHANGES MADE ON THE PROJECT.

PROPOSED IMPROVEMENT

RESURFACING PROJECT

TOWN OF: BERLIN-BARRE-EAST MONTPELIER
 COUNTY OF: WASHINGTON
 ROUTE NO: US 2
 ROUTE CLASS: FAP



1 INCH REPRESENTS 5 MILES

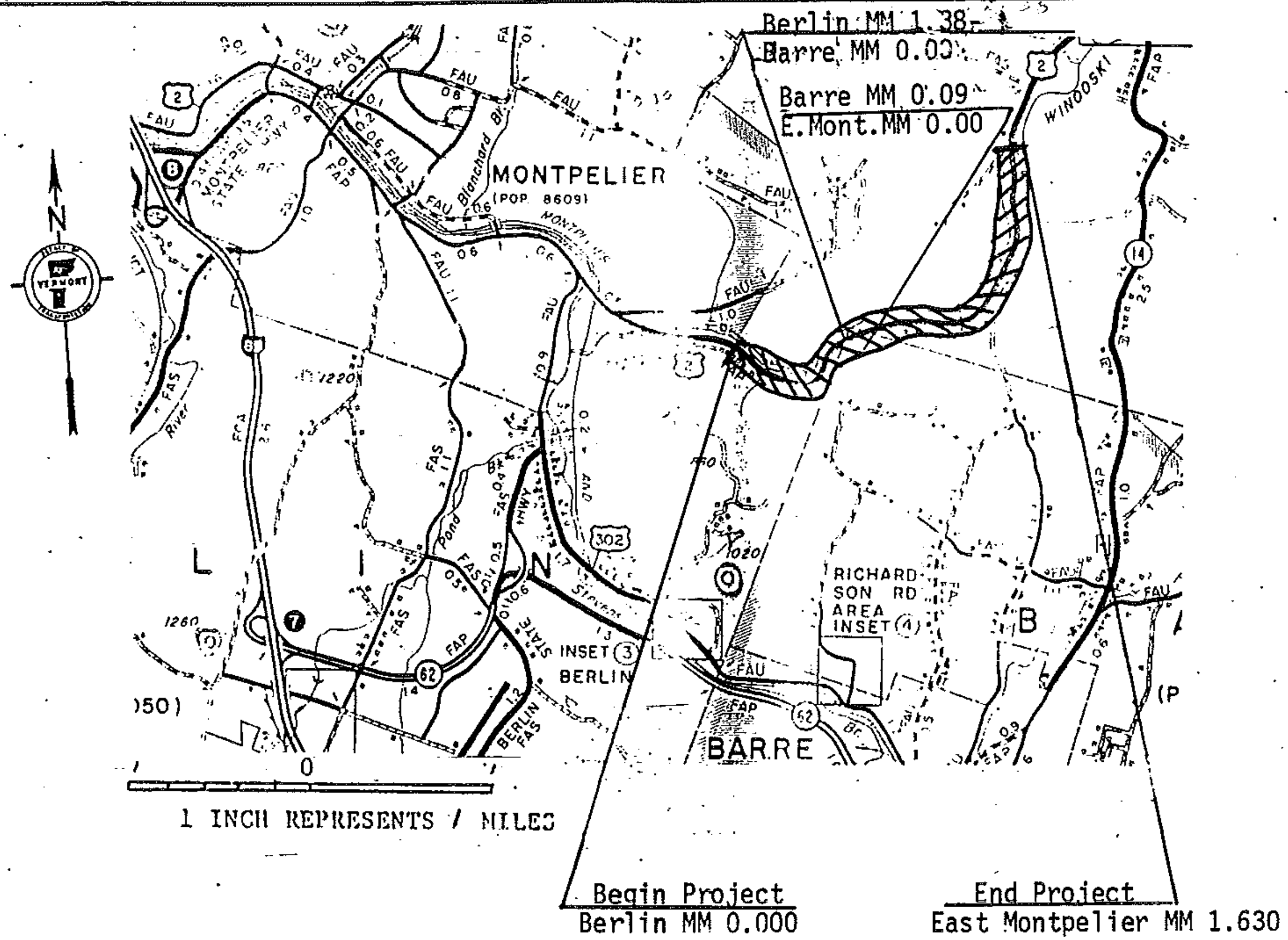
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 - 8-10: CENTERLINE DETAILS

These plans are subject to such engineering changes as may be required by the Federal Highway Administration or the Director of Engineering and Construction.
 Construction is to be carried on in accordance with these plans and the Standard Specifications for Highway and Bridge Construction dated March, 1976, as approved by the Federal Highway Administration on October 27, 1976 for use on this project, including all subsequent revisions and such revised specifications and special provisions as are incorporated in these plans.

**PROJECT PROCESSED UNDER
SECONDARY ROAD PLAN**

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD	
APPROVED <u>S. J. [Signature]</u>	DATE <u>FEB 29 1984</u>
DIRECTOR OF ENGINEERING AND CONSTRUCTION	
DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
APPROVED _____	DATE _____
DIVISION ADMINISTRATOR	
PROJECT NO. <u>F 028-3(23)S</u>	
SHEET 1 OF 10 SHEETS	

PROJECT DESCRIPTION AND LOCATION



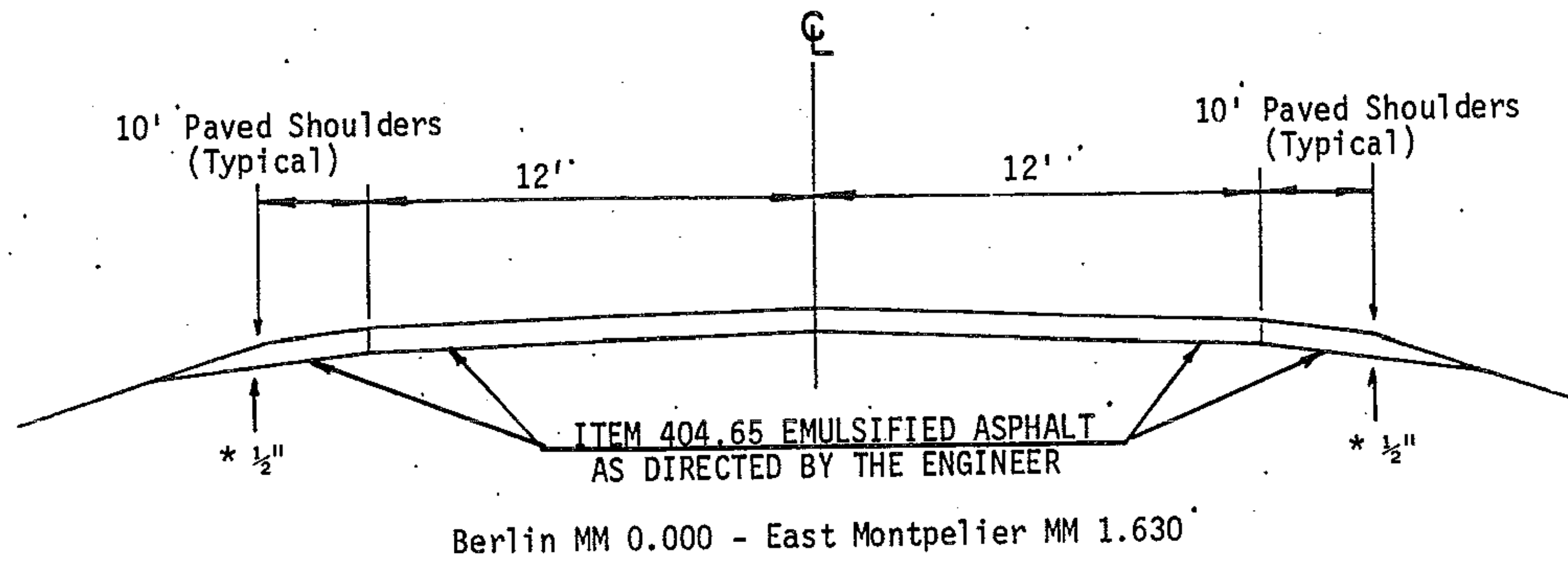
On US Route 2, beginning at the Montpelier-Berlin Town Line at MM 0.000 and extending 3.097 miles to MM 1.630 in East Montpelier.

LENGTH OF PROJECT

3.097 Miles
16,354 Feet

TYPICAL SECTIONS & DESIGN DATA

Item 406.25 Bituminous Concrete Pavement¹
 Leveling Course Type III or Type IV 24' (164 Tons/Mi.)
 AS DIRECTED BY THE ENGINEER
 1½" WEARING COURSE (+¼") TYPE III 24' WIDE



TRAFFIC DATA
 1982 ADT - 5,150
 V = 50 MPH

1 Project also includes 1000 tons of Polyester Modified Bituminous Concrete Pavement to be placed as directed by the Engineer. For details see Special Provisions.

*Shoulder to be tapered from full depth to ½".

PROJECT LENGTHS AND ITEM QUANTITIES

ITEM DESCRIPTION	ITEM NUMBER	UNIT	FEET	FT	INCI	TON	CY	TON	CVT	TON	EA	HR	HR	HR	HR	IS	LF	REMARKS
Berlin-Barre-E. Mont. MM 0.000-MM 1.630	16354	24	1 1/2	1000				110	2634	507						1	32708	150 T/M Level Factored 164 T/M
Project Estimate		100	165	202	120	1	1	50	181	181								10' Paved Shoulder
Rounding		0	15	8	9							5	9	9			2	
Totals	16354	1000	100	180	210	6300	1	1	55	190	190	1	32710	38800				

TEMPORARY 4" REFLECTORIZED YELLOW LINE

MILE	MILE	LT	RT	QUANTITY LT	QUANTITY CL	QUANTITY RT	TOTAL	
BERLIN								
0.00	0.27	SOLID	SOLID	1426		1426	2852	
0.27	0.39	DASH	SOLID	158		634	792	
0.39	0.49	SOLID	SOLID	528		528	1056	
0.49	0.56	SOLID	DASH	370		92	462	
0.56	1.29	SOLID	SOLID	3854		3854	7708	
1.29	1.38	SOLID	DASH	475		119	594	
BARRE								
0.00	0.09	SOLID	DASH	475		119	594	
EAST MONTPELIER								
0.00	0.01	DASH	DASH		13		13	
0.01	0.16	DASH	SOLID	198		792	990	
0.16	0.19	DASH	DASH		40		40	
0.19	0.33	SOLID	DASH	739		185	924	
0.33	1.01	SOLID	SOLID	3590		3590	7180	
1.01	1.08	DASH	SOLID	92		370	462	
1.08	1.47	DASH	DASH		515		515	
1.47	1.63	SOLID	SOLID	845		845	1690	
							25860	
		50% LOST DUE TO LEVELING						12930
					TOTAL		38790	
Quantities Do NOT REFLECT TOWN ROAD OPENINGS								

TEMPORARY 4" REFLECTORIZED WHITE LINE

BERLIN - BARRE - E. MONTPELIER							
0.00	1.63	SOLID	SOLID	16354		16354	32708

GUIDELINES FOR MINIMUM INTERIM PAVEMENT MARKINGS
IN CONSTRUCTION ZONES ON FEDERAL-AID PROJECTS

- A. CENTERLINE AND GORE AREA MARKINGS SHALL BE APPLIED AT THE END OF EACH WORKING DAY. THE FOLLOWING LAYOUT REQUIREMENTS SHALL BE MET:

NO PASSING BARRIER

SOLID STRIPES.

DASHED LINE

10-FOOT SOLID LINE WITH 30-FOOT GAP.

SOLID LINE - (GORE AREAS TO INCLUDE CHANNELIZING LINE AND DASHED LINE)

PER STANDARD SHEET E-50.

EDGE LINES

WHERE SPECIFIED EDGE LINES ARE NOT REQUIRED UNTIL COMPLETION OF THE PROJECT. ON INTERSTATE PROJECTS, TEMPORARY EDGE LINES SHOULD BE APPLIED WHERE TRAFFIC VOLUMES AND SPEEDS ARE HIGH AND DELAY OF SEVERAL DAYS IS ANTICIPATED.

- B. TEMPORARY MARKINGS MAY CONSIST OF PAINT, TAPE OR RAISED PAVEMENT MARKERS (RPM'S). THE TAPE SHALL BE A RETRO-REFLECTIVE FILM ON A CONFORMABLE METALIC BACKING THAT CAN BE PAVED OVER. TAPE MAY BE USED ON THE FINAL SURFACE COURSE IF IT WILL NOT INTERFERE WITH THE FINAL MARKING APPLICATION. THE RPM'S SHALL HAVE A SELF-ADHESIVE BACKING EASILY REMOVED BEFORE PAVING AND SHALL CONFORM TO THE FOLLOWING LAYOUT PATTERN: TEMPORARY TAPE MARKINGS WILL BE OFFSET AND REMOVED WHEN PROJECT IS FINISHED AND FINAL CENTERLINE PAINTED.

NO PASSING BARRIER

NO RPM'S ALLOWED.

DASHED LINE

FOUR RETRO-REFLECTIVE RPM'S ON 3 1/2 FOOT CENTERS WITH A 30 FOOT GAP.

SOLID LINE - EDGE LINES

INTERSTATE MEDIAN SIDE-RETRO-REFLECTIVE RPM'S ON 4 TO 5 FOOT CENTER. DRIVERS RIGHT SIDE-RPM'S NOT ALLOWED.

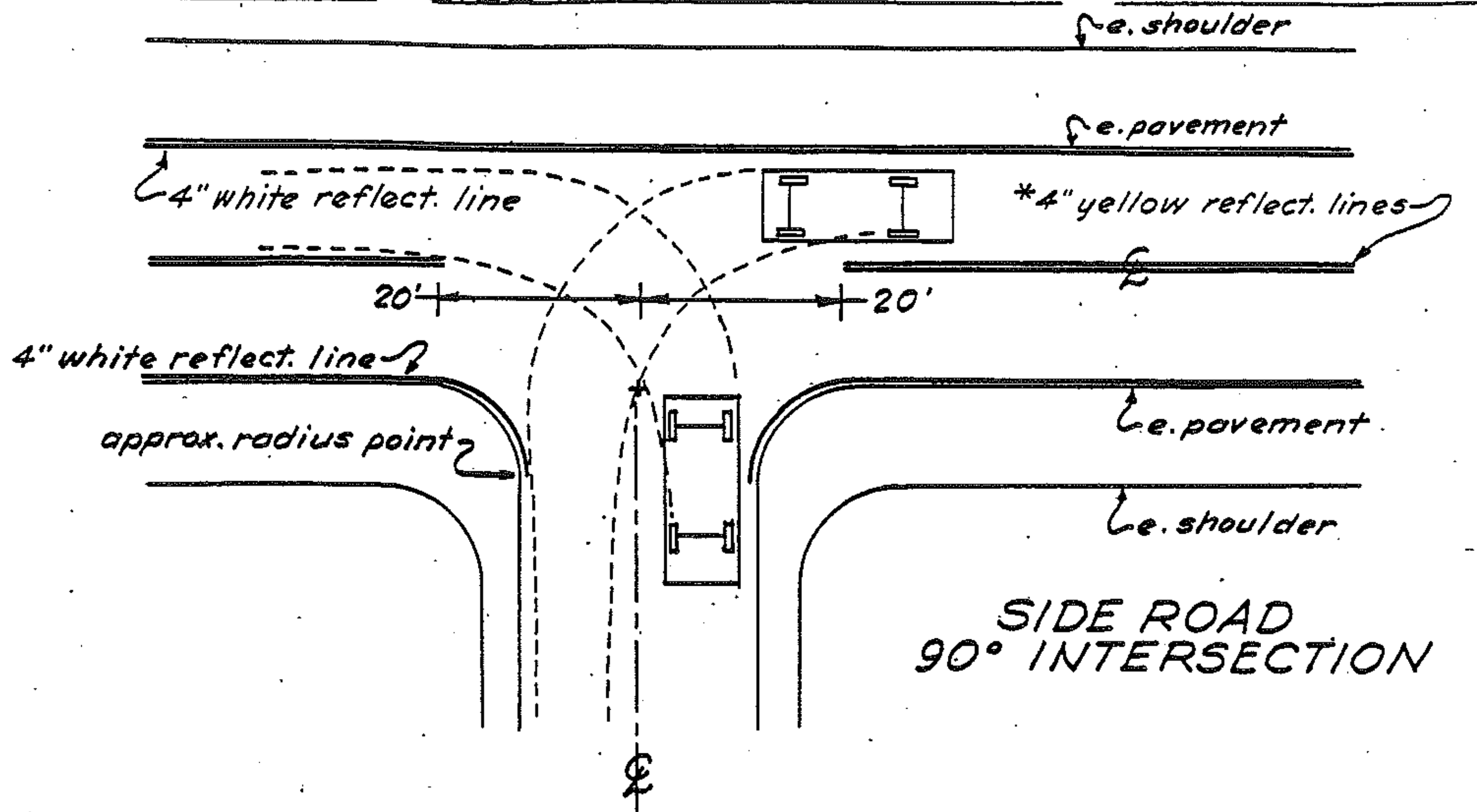
- C. WHEN PAINT IS USED FOR TEMPORARY MARKING, AN ALTERNATE MATERIAL SUCH AS TAPE OR RPM'S SHALL BE ON HAND IN THE EVENT RAIN PREVENTS THE PAINT APPLICATION FROM BEING COMPLETED. ALL PAINT SHALL BE REFLECTORIZED.
- D. PAYMENT FOR PAINT AND TAPE SHALL BE COMPUTED ON A LINEAR FOOT BASIS AS IF PAINT WAS USED. PAYMENT FOR THE RPM'S SHALL BE COMPUTED AS IF AN EQUIVALENT PAINT LINE WAS USED. (FOR EXAMPLE, DASHED LINE PAID AS 10 FEET OF PAINT, SOLID LINE PAID AS THE TOTAL DISTANCE COVERED WITH THE MARKERS).
- E. PRIOR TO ACCEPTANCE, THE FINAL PAVEMENT MARKINGS SHALL BE COMPLETED FOR THE ENTIRE PROJECT BY THE CONTRACTOR AS DETAILED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER

REVISED
12/22/83

BERLIN-BARRE-E. MONTPELIER

No. F 028-3(23)S

SHEET 9 OF 10



*Centerline treatment shall consist of a minimum of 400 feet of solid line in advance of the intersection and shall be paired with either a solid or dashed line depending on sight distance availability in the opposing lane.

