

STATE OF VERMONT  
AGENCY OF TRANSPORTATION

Date JUN 4 1985

*Cooley Asphalt Paving*  
Contractor

*Thelma C. Laprade*  
Signature

President  
Title

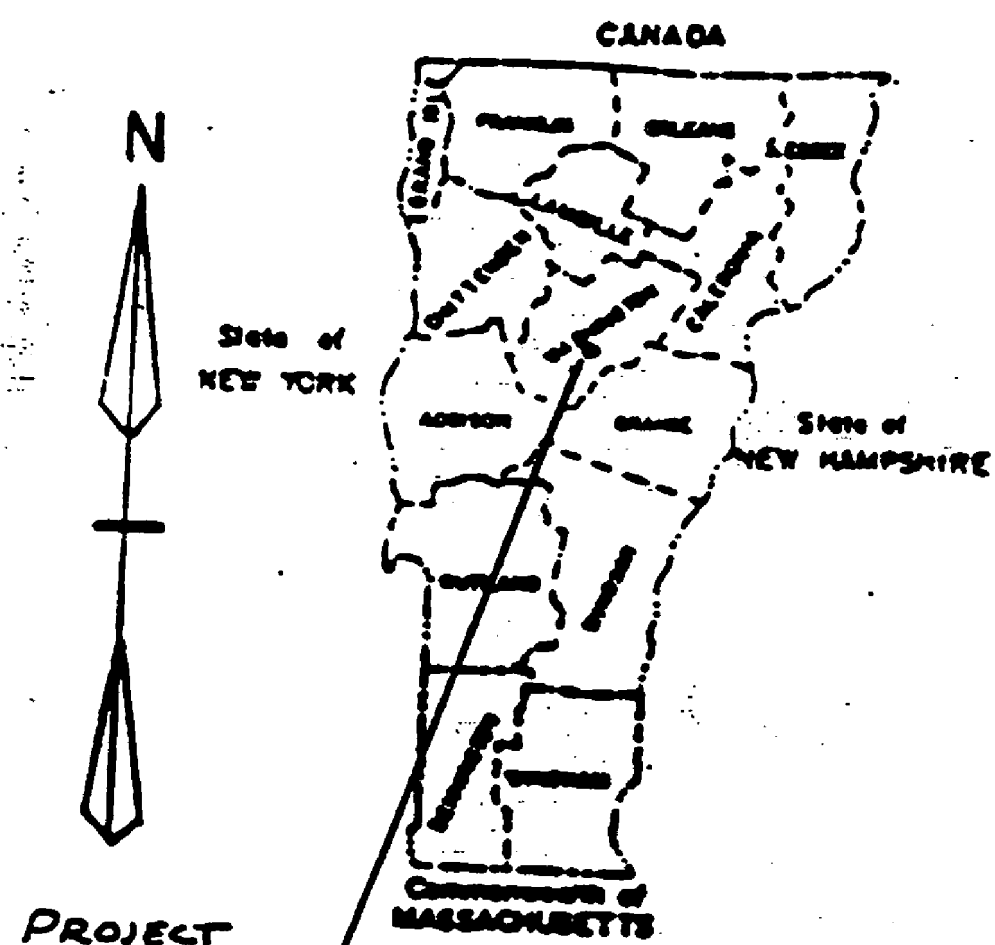
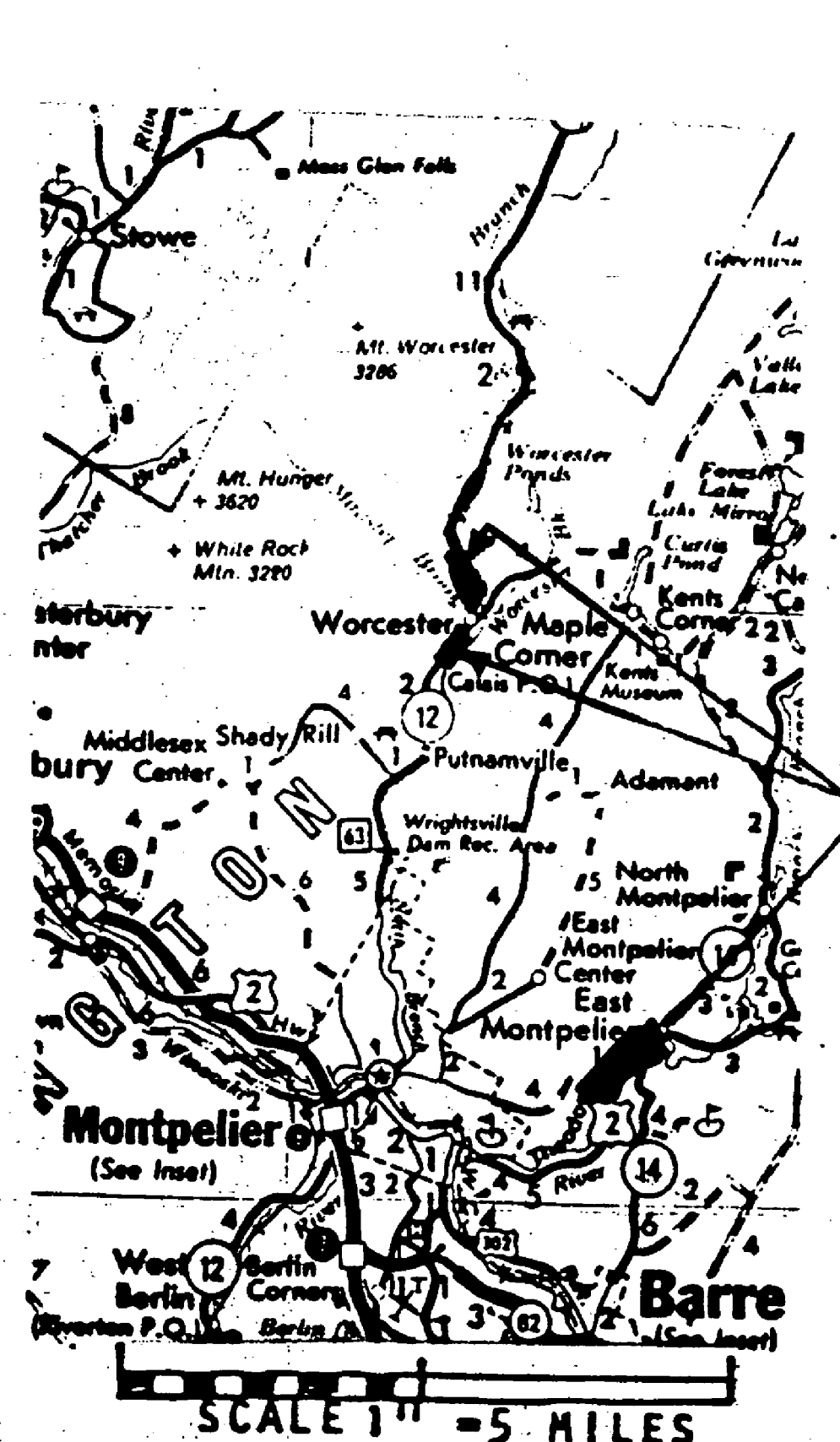


CONTRACT PLANS

THESE PLANS DO NOT REFLECT  
CHANGES MADE ON THE PROJECT.

*Jana C. Crump*  
Transportation Secretary's  
Signature

TOWN OF: EAST MONTPELIER-WORCESTER  
COUNTY OF: WASHINGTON  
ROUTE NO: US-2 - VT 12  
ROUTE CLASS: FAP - FAS



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 *Frank White* DATE MAR 25  
DIRECTOR OF ENGINEERING AND CONSTRUCTION

DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
APPROVED \_\_\_\_\_ DATE \_\_\_\_\_  
DIVISION ADMINISTRATOR

PROJECT NO. RB 0241(20)  
HMA 2615

SEE SHEET 2 FOR INDEX

Revised 5/17/85

SHEET 1 OF 20 SHEETS

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EAST MONTPELIER HMA 2615

- 4. BLANK
- 5. PROJECT LOCATION AND DESCRIPTION
- 6. TYPICAL SECTIONS AND DESIGN DATA
- 7. PROJECT LENGTHS AND ITEM QUANTITIES
- 8. CENTERLINE DETAILS

WORCESTER RS 0241(20)

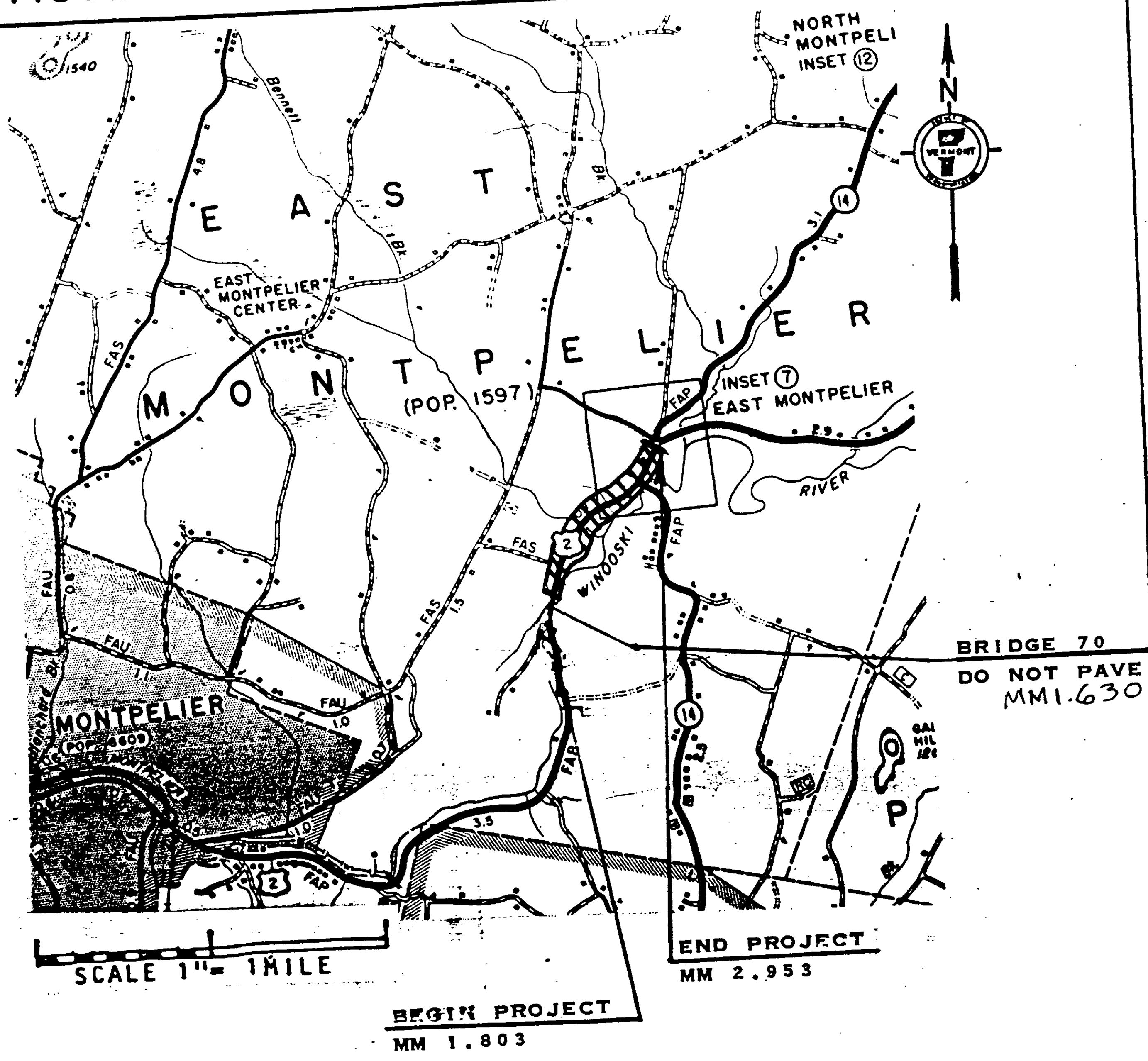
- 9. BLANK
- 10. PROJECT LOCATION AND DESCRIPTION
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COMPOSITE QUANTITIES

ITEM DESCRIPTION	ITEM NUMBER	FEET	FT	INCH	CY	CY	TON	CVT	TON	FA	HR	HR	HR	HR	LS	LF	LF	REMARKS
E MONTEPELLIER HMA 2615	653.10				30	500	825	50	1780	1	5	10	50	50	.39	24000	12200	646.36 646.35
WORCESTER RS 0241(20)	653.10				50	1000	1600	100	2100	2	10	20	90	90	.61	47300	25700	646.35
TOTAL					80	1500	2425	150	3880	3	15	30	140	140		71300	37900	

PROJECT E MONTEPELLIER-WORCESTER NUMBER \_\_\_\_\_ RS-0241(20) HMA 2615 SHEET 3 OF 20

# PROJECT DESCRIPTION AND LOCATION



US2-BEGINNING IN EAST MONTPELIER AT MM 1.803 AND EXTENDING  
 NORTHERLY 1.150 MILES TO MM 2.953, THE JUNCTION OF US 2  
 AND VT 14

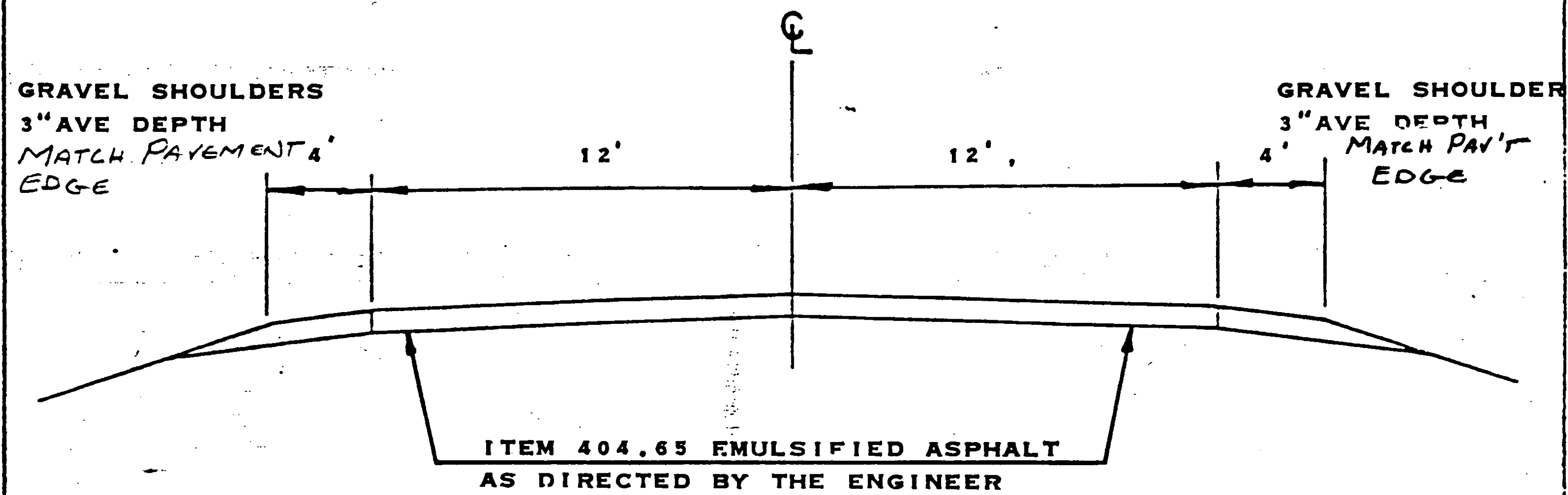
LENGTH OF PROJECT  
 1.150 MILES  
 6072 FEET

PROJECT EAST MONTPELIER

NO. HMA 2615  
 SHEET 5 OF 20 SHEETS

# TYPICAL SECTIONS & DESIGN DATA

ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT  
LEVELING COURSE TYPE III OR IV (327 TONS/MILE)  
AS DIRECTED BY THE ENGINEER  
1 1/2" WEARING COURSE TYPE III (#1/4)



1980 ADT 5260  
V 50

NOHMA 2615

PROJECT EAST MONTPELIER-

SHEET 6 OF 20 SHEETS

# PROJECT LENGTHS AND ITEM QUANTITIES

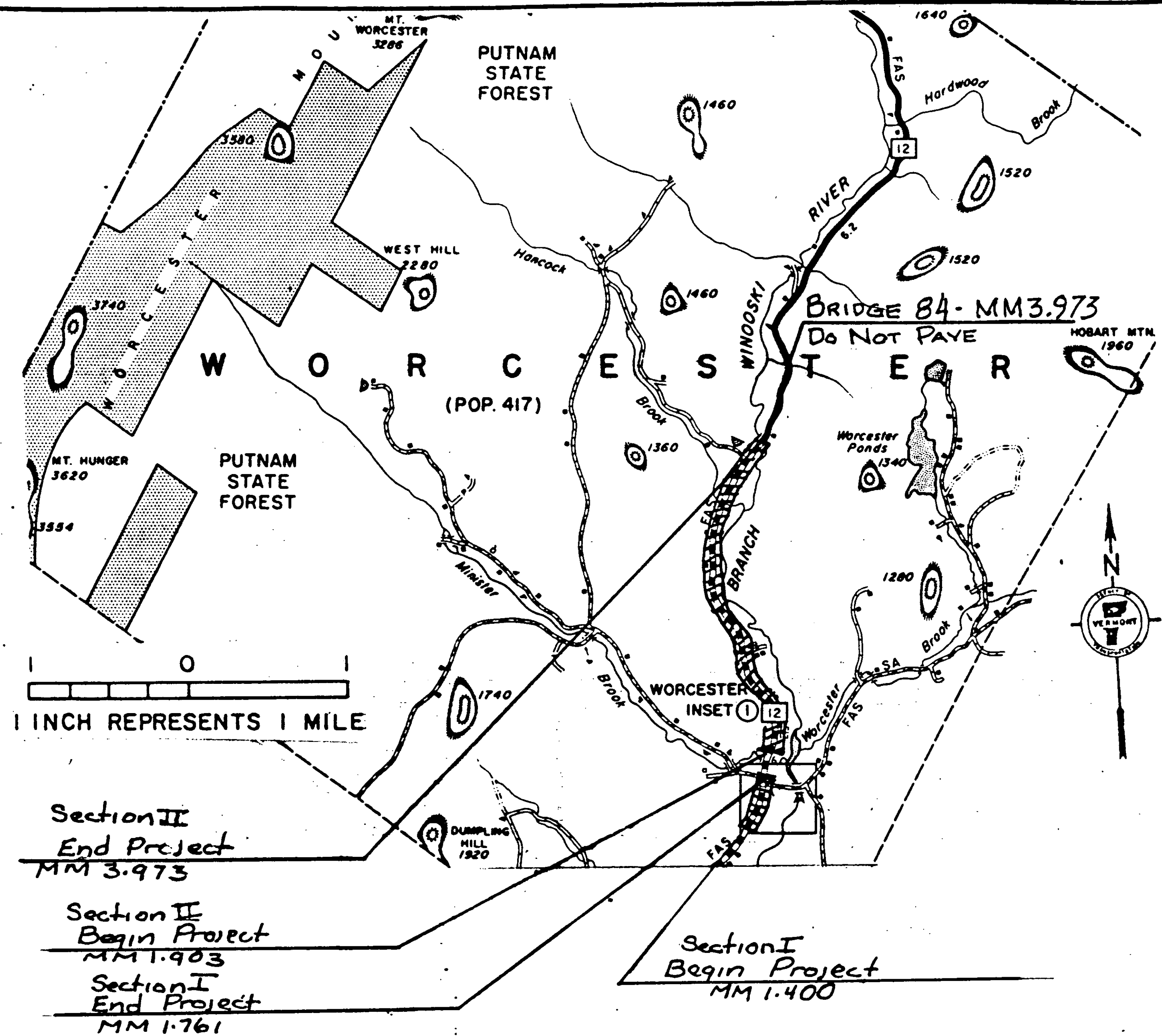
ITEM NUMBER	ITEM DESCRIPTION	FEET	FT	INCH	CY	CY	TON	CWT	TON	EA	IIR	HR	HR	HR	HR	LS	T.F	T.F	LF	REMARK	
E	Montpelier	6072	24	1 1/2	450		787	40	1725	1	5	9	45	45		39	12,144	23968		646.35	
MM	L-803-2-953																				646.36
	PROJECT ESTIMATE				23	20	30	5	30												635.10
	ROUNDING				7	30	8	5	25		1	5	5				56		32		630.10
	TOTAL				30	500	825	50	1780	1	5	10	50	50		.39	12,200	24000			630.10

PROJECT EAST MONPELIER NUMBER HMA 2615 SHEET 7 OF 20

653.10 HIGHWAY DEPTH  
 402.10 OVERLAY DEPTH  
 402.11 TOPSOIL  
 404.05 GRAVEL SHOULDERS  
 406.25 GRAVEL SHOULDERS  
 604.40 EMBANKMENT ASPHALT  
 608.25 RTT-GRAVEL CONCRETE PAVEMENT  
 630.10 ALL PAPER BOND TYPE 1  
 630.10 PORTLAND CEMENT TYPE 1  
 635.10 PORTLAND CEMENT TYPE 1  
 646.35 PORTLAND CEMENT TYPE 1  
 646.36 PORTLAND CEMENT TYPE 1



# PROJECT DESCRIPTION AND LOCATION



Vt 12 Section I Beginning in the Town of Worcester at MM 1.400  
 And extending northerly for 0.361 miles to MM 1.761

Section II Beginning in the Town of Worcester at MM 1.903  
 and extending northerly 2.070 miles to MM 3.973

Length of Project

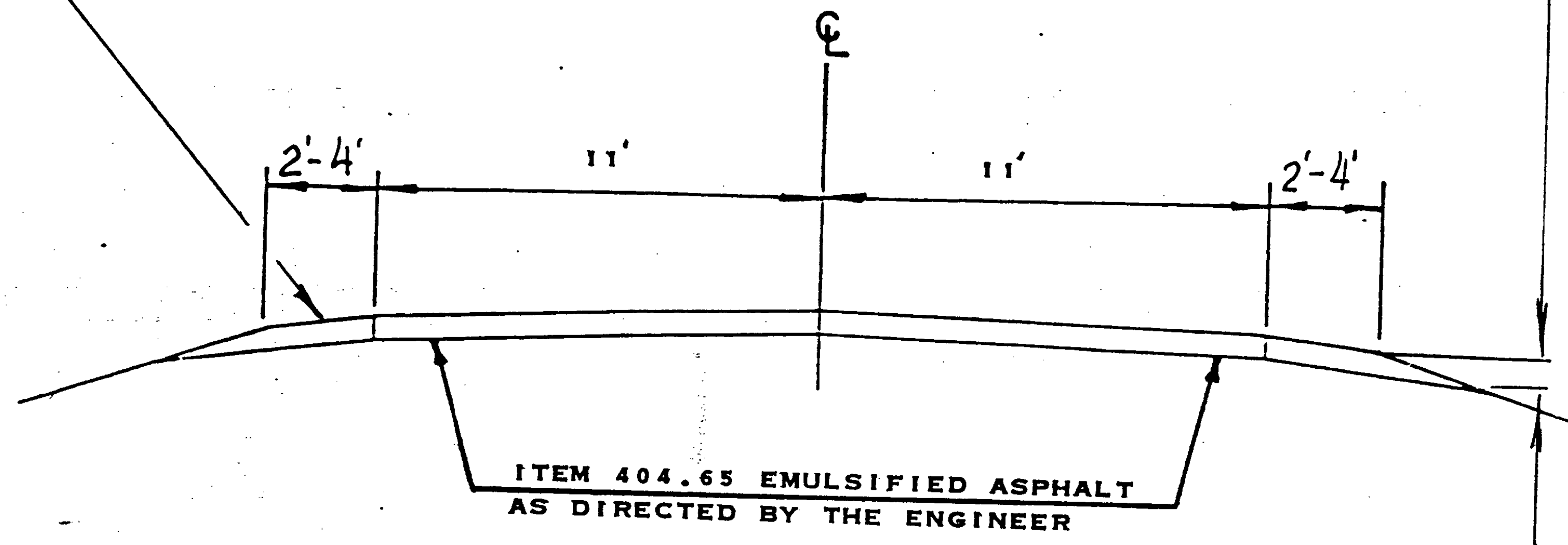
Section I	0.361 miles	1906 Feet
Section II	2.070 miles	10930 Feet

# TYPICAL SECTIONS & DESIGN DATA

ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT  
LEVELING COURSE, TYPE III OR IV (300 TONS/MILE)  
AS DIRECTED BY THE ENGINEER  
3/4" WEARING COURSE (1/4") TYPE IV

3" EST. DEPTH MATCHED TO  
PAVEMENT EDGE

2'-4" GRAVEL SHOULDERS  
BOTH SIDES



SECT. I - MM 1.400 - 1.761

SECT. II - MM 1.903 - 3.973

1982 ADT 1240  
V 50

PROJECT WORCESTER

NO. RS 0241(20)

SHEET 11 OF 20 SHEETS



TEMPORARY 4" REFLECTORIZED YELLOW LINE

MILE	MILE	LT	RT	Length LT	Length RT	Total Length LT+RT
SECT I						
1.4	1.761	Solid	Solid	1906	1906	3812
SECT II						
1.903	2.15	Solid	Solid	1304	1304	2608
2.15	2.34	Dash	Solid	251	1003	1254
2.34	2.80	Solid	Solid	2429	2429	4858
2.80	2.92	Solid	Dash	634	158	792
2.92	2.94	Solid	Solid	106	106	212
2.94	3.06	Dash	Solid	158	634	792
3.06	3.973	Solid	Solid	4821	4821	9642
ASSUME 100% & DURING LEVELING						23,970
4TH: x40 x2 =						320
26350 x2 = 47300						23650

TEMPORARY 4" REFLECTORIZED WHITE LINE

SECT I						
1.4	1.761	SOLID	SOLID	1906	1906	3812
SECT II						
1.903	3.973	SOLID	SOLID	10,930	10,930	21,860
TOTAL =						25672

GUIDELINES FOR MINIMUM INTERIM PAVEMENT MARKINGS  
IN CONSTRUCTION ZONES

- 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.

GORE AREA  
(GORE AREAS TO INCLUDE 8' CHANNELIZING LINE AND DASHED LINE)  
PER STANDARD SHEET E-50

- B. EDGE LINES

WHEN 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.

- C. TEMPORARY MARKINGS MAY CONSIST OF PAINT, TAPE OR RAISED PAVEMENT MARKERS (RPM'S). THE TAPE SHALL BE A RETRO-REFLECTIVE FILM ON A CONFORMABLE METALLIC 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. TEMPORARY TAPE MARKINGS WILL BE OFFSET AND REMOVED WHEN PROJECT IS FINISHED AND FINAL CENTERLINE PAINTED. THE TAPE SHALL BE THE TYPE THAT IS REMOVABLE INTACT AND NOT SEPERATE AT ANY TIME. THE RPM'S SHALL HAVE A SELF-ADHESIVE BACKING EASILY REMOVED BEFORE PAVING AND SHALL CONFORM TO THE FOLLOWING LAYOUT PATTERN:

NO PASSING BARRIER  
NO RPM'S ALLOWED.

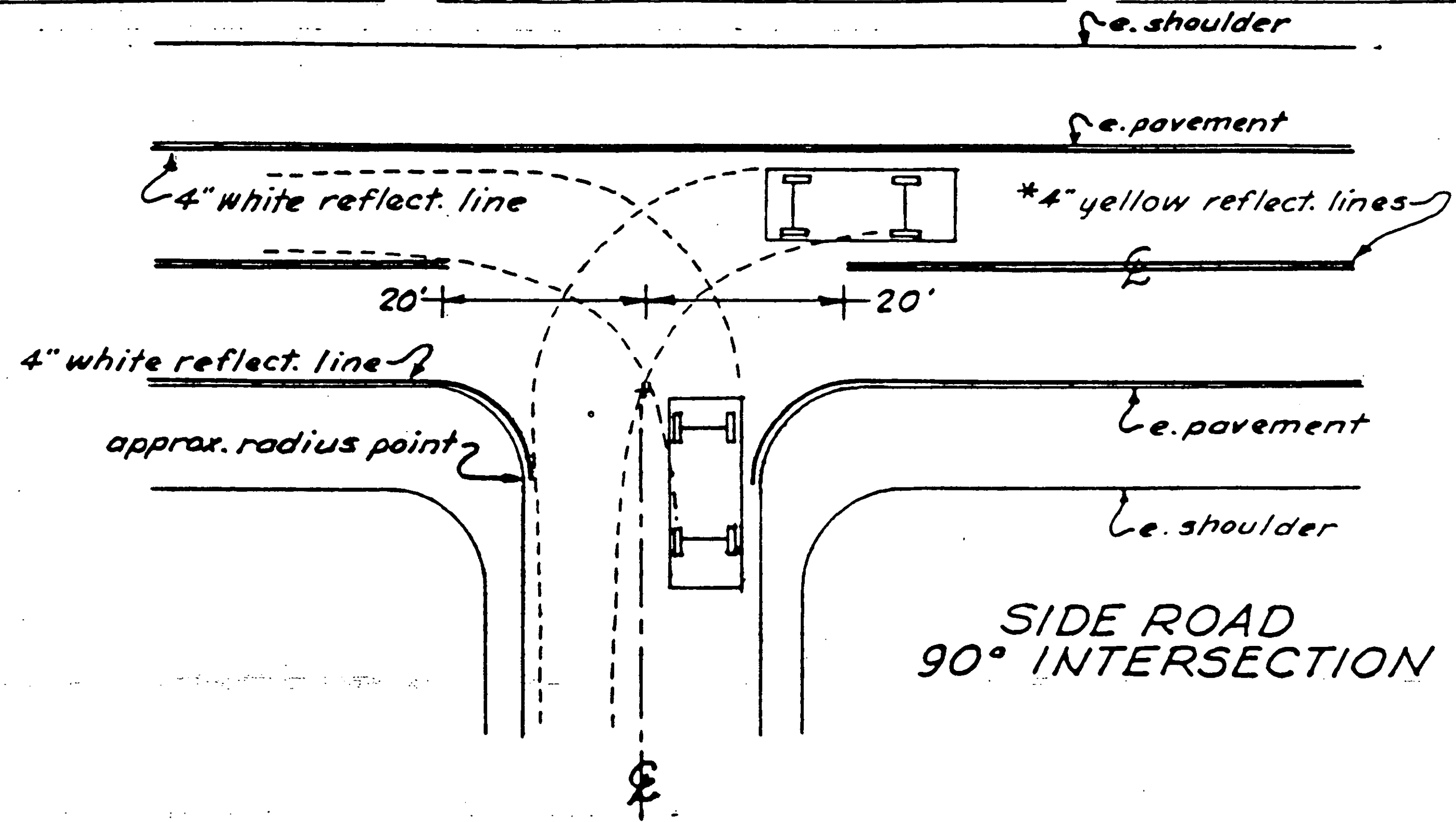
DASHED LINE  
FOUR RETRO-REFLECTIVE RPM'S ON 3 1/2 FOOT CENTERS WITH A 30' GAP.

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

- D. 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.
- E. 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).
- F. PRIOR TO ACCEPTANCE, THE PAVEMENT MARKINGS SHALL BE COMPLETED FOR THE ENTIRE PROJECT BY THE CONTRACTOR AS DETAILED ON THE PLANS OR DIRECTED BY THE RESIDENT ENGINEER.

REVISED  
02/11/85

E. MONTPELIER HMA 2615  
WORCESTER RS 0241(20)



\*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.

