

# STATE OF VERMONT AGENCY OF TRANSPORTATION

Date JUN 21 1985

Cooly Asphalt Paving  
Contractor

Walter G. Laprade  
Signature

President  
Title



CONTRACT PLANS

THESE PLANS DO NOT REFLECT  
CHANGES MADE ON THE PROJECT.

## PROPOSED IMPROVEMENT

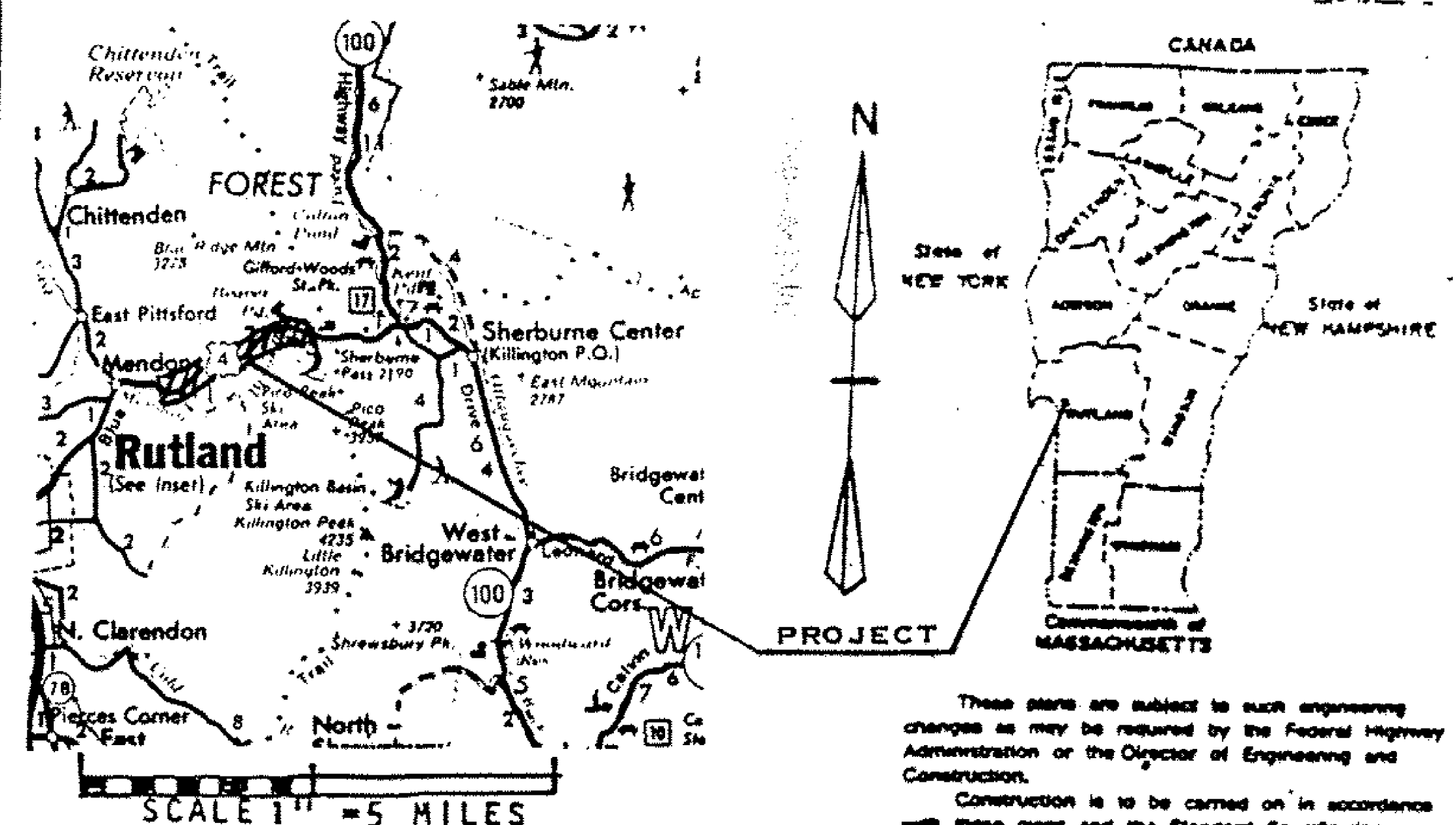
Juan C. Ciampi RESURFACING PROJECT  
Transportation Secretary's

Signature TOWN OF: MENDON-SHERBURNE

COUNTY OF: RUTLAND

ROUTE NO: US 4

ROUTE CLASS: FAP



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, 1978, as approved by the Federal Highway Administration on October 27, 1978 for use on this project, including all subsequent revisions and such revised specifications and special provisions as are incorporated in these plans.

FOR INDEX OF SHEETS,  
SEE SHEET TWO

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD	
APPROVED <u>Frank J. Colburn</u>	DATE <u>MAR 28 1985</u>
DIRECTOR OF ENGINEERING AND CONSTRUCTION	
DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
APPROVED _____	DATE _____
DIVISION ADMINISTRATOR	

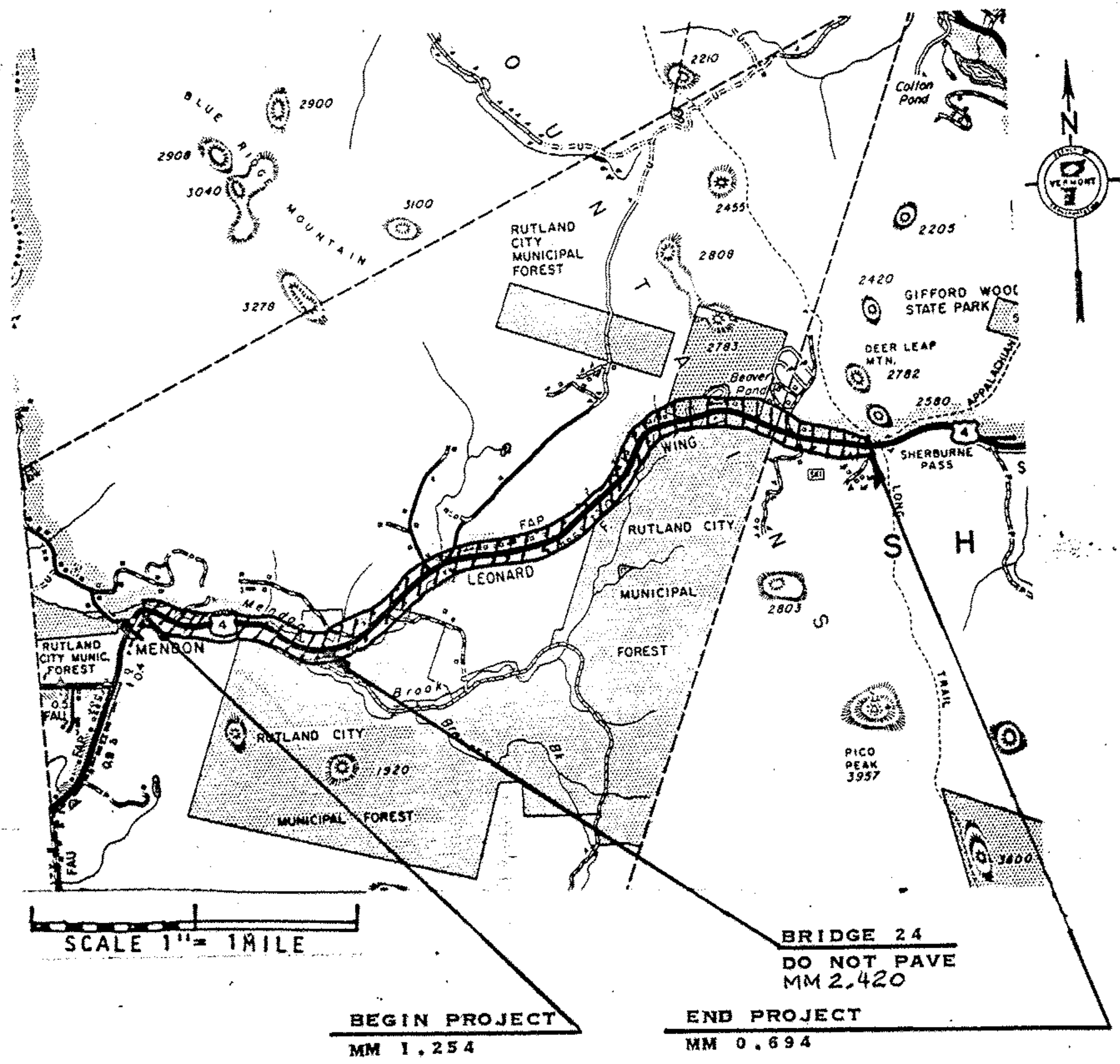
PROJECT NO. F020-2(22)

SHEET 1 OF 12 SHEETS

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# PROJECT DESCRIPTION AND LOCATION



SCALE 1" = 1 MILE

**BEGIN PROJECT**  
MM 1.254

**END PROJECT**  
MM 0.694

BRIDGE 24  
DO NOT PAVE  
MM 2.420

US 4 - BEGINNING IN THE TOWN OF MENDON AT MM 1.254 AND EXTENDING EASTERLY 5.367 MILES TO MM 0.694 IN THE TOWN OF SHERBURNE

LENGTH OF PROJECT  
5.367 MILES  
28338 FEET

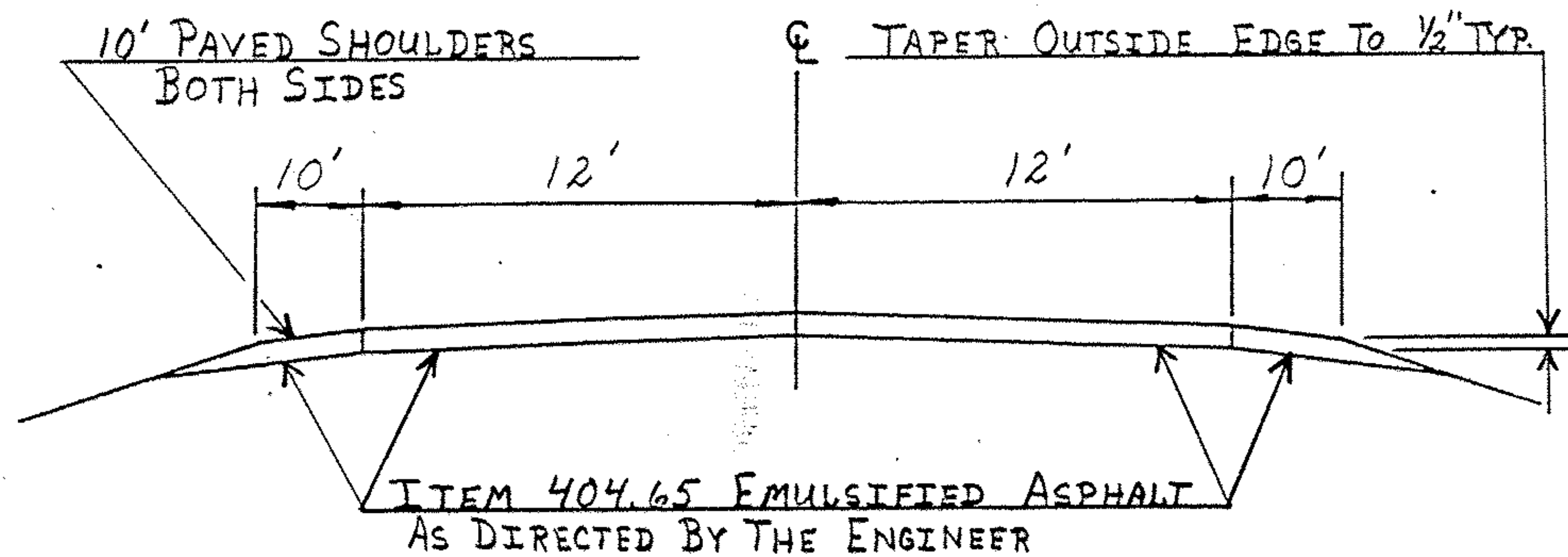
PROJECT MENDON-SHERBURNE

NO. F 020-2(22)

SHEET 3 OF 12 SHEETS

# TYPICAL SECTIONS & DESIGN DATA

ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT  
LEVELING COURSE, TYPE III OR IV (24' WIDE @ 327 TONS/MS.)  
AS DIRECTED BY THE ENGINEER  
1 1/2" WEARING COURSE, TYPE III



MENDON MM 1.254~1.70

1982 ADT 7390  
V = 50 MPH

Note: Topsoil, Item 653.10 to be applied as directed by the Engineer.  
Seed, Fertilizer, Limestone and Mulch Items to be applied as required,  
payment to be subsidiary to the Topsoil item.

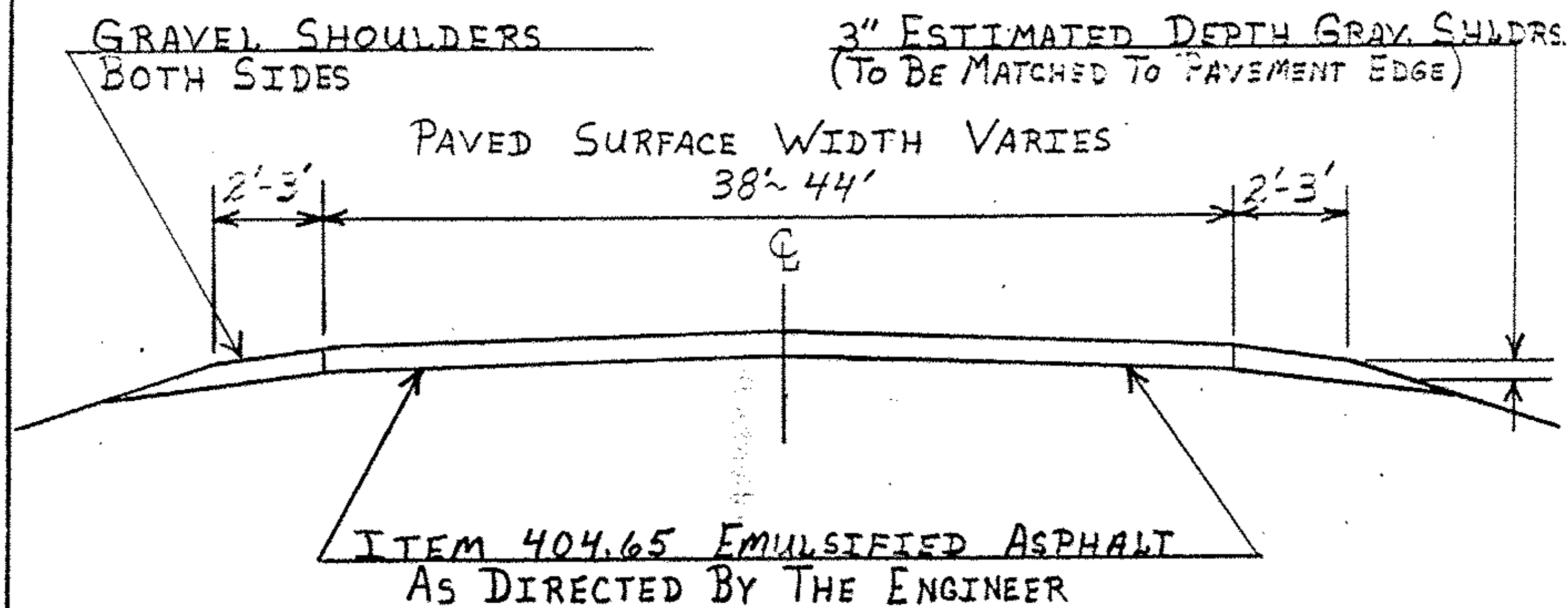
PROJECT MENDON-SHERBURNE

NO. F 020-2(22)

SHEET 4 OF 12 SHEETS

# TYPICAL SECTIONS & DESIGN DATA

ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT  
 LEVELING COURSE, TYPE III OR IV  
 AS DIRECTED BY THE ENGINEER  
 1 1/2" WEARING COURSE, TYPE III



LOCATION	WIDTH GRAVEL SHOULDER	WIDTH TRAVELED WAY	WIDTH GRAVEL SHOULDER	LEVEL TONNAGE / MI.
MM 1.70~2.47	2'	38'	2'	518
MM 2.47~3.47	2'	44'	2'	600
MM 3.47~5.93	2'	42'	2'	573
MM 0.00~0.694	3'	40'	3'	545

MENDON MM 1.70~5.93  
 SHERBURNE MM 0.00~0.694

PROJECT MENDON-SHERBURNE

NO. F 020-2(22)

SHEET 4A OF 12 SHEETS

PROJECT LENGTHS AND ITEM QUANTITIES

ITEM DESCRIPTION	LENGTH				WIDTH				OVERLAY DEPTH				LEVELING COURSE				GRAVEL SHOULDERS				EMULSIFIED ASPHALT				BITUMINOUS ASPHALT				POWER BROOM RENTAL				CHANGE ELEV. C				UNIFORM			
	ITEM NO	FT.	FT.	IN.	TONS/MI	402.10	402.11	404.65	406.25	608.30	604.40	630.10	630.15	402.10	402.11	404.65	406.25	608.30	604.40	630.10	630.15	402.10	402.11	404.65	406.25	608.30	604.40	630.10	630.15	402.10	402.11	404.65	406.25	608.30	604.40	630.10	630.15			
UNIT	FT.	FT.	IN.	TONS/MI	CY.	TON	CWT	TON	HR.	EA.	HR.	HR.	CY.	TON	CWT	TON	HR.	EA.	HR.	HR.	CY.	TON	CWT	TON	HR.	EA.	HR.	HR.	CY.	TON	CWT	TON	HR.	EA.	HR.	HR.				
LOCATION																																								
MENDON																																								
MM 1.254~1.70	2351	24	1.5	327	-	-	29	958																																
MM 1.70~2.47	4062	38	1.5	518	151	264	43	1431																																
MM 2.47~3.47	5280	44	1.5	600	196	342	64	2151																																
MM 3.47~5.93	12985	42	1.5	573	481	842	151	5051																																
SHERBURNE																																								
MM 0.00~0.694	3660	40	1.5	545	203	355	41	1357																																
PROJECT EST.					100	175		150	43	11	702	702																												
ROUNDING					19	22	2	9	2		8	8																												
TOTAL	28338				1150	2000	330	14040	45	11	710	710																												

PROJECT MENDON-SHERBURNE NO. F 020-2(22)

PROJECT LENGTHS AND ITEM QUANTIT

ITEM NO	LENGTH		WIDTH	TEMP. PAVT. MKG.	TEMP. PAVT. MKG.	TOPSOIL				
	FT.	FT.	LF.	LF.	C.Y.					
			646.36	646.35	653.10					
ITEM DESCRIPTION										
UNIT										
LOCATION										
PROJECT EST.			105084	63,121	107					
ROUNDING			16	29	3					
TOTAL			105100	63,150	110					

PROJECT MENDON-SHERBURNE NO. F 020-2.(2.2)

TEMPORARY 4" REFLECTORIZED YELLOW LINE

2019

MILE	MILE	LT	RT	Quantity LT	Quantity RT	Quantity RT	TOTAL
1.254	3.91	Solid	Solid	14,024		14,024	28,048
3.91	4.15	Dash	Solid	317		1,267	1,584
4.15	5.30	Solid	Solid	6,072		6,072	12,144
5.30	5.46	Dash	Solid	211		845	1,056
5.46	5.78	Solid	Solid	1,690		1,690	3,380
5.78	5.93	Dash	Solid	198		792	990
TOWN LINE							
0.00	0.08	Dash	Solid	106		422	528
0.08	0.33	Solid	Solid	1,320		1,320	2,640
0.33	0.53	Dash	Solid	264		1,056	1,320
0.53	0.694	Solid	Solid	866		866	1,732
							53,422
11 TH'S @ 80' EA. = 880 LF							- 880
							52,542
ASSUME 100% LOST DURING SHIMMING =							52,542
							TOTAL 105,084

TEMPORARY 4" REFLECTORIZED WHITE LINE

1.254	5.93	Solid	Solid	24,689		24,689	49,378
TOWN LINE							
0.00	0.694	Solid	Solid	3,664		3,664	7,328
1.71	5.93	---	Dash	(Climb Lane)		5,570	5,570
TOWN LINE							
0.00	0.64	---	DASH	(Climb Lane)		845	845
							TOTAL 63,121

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.

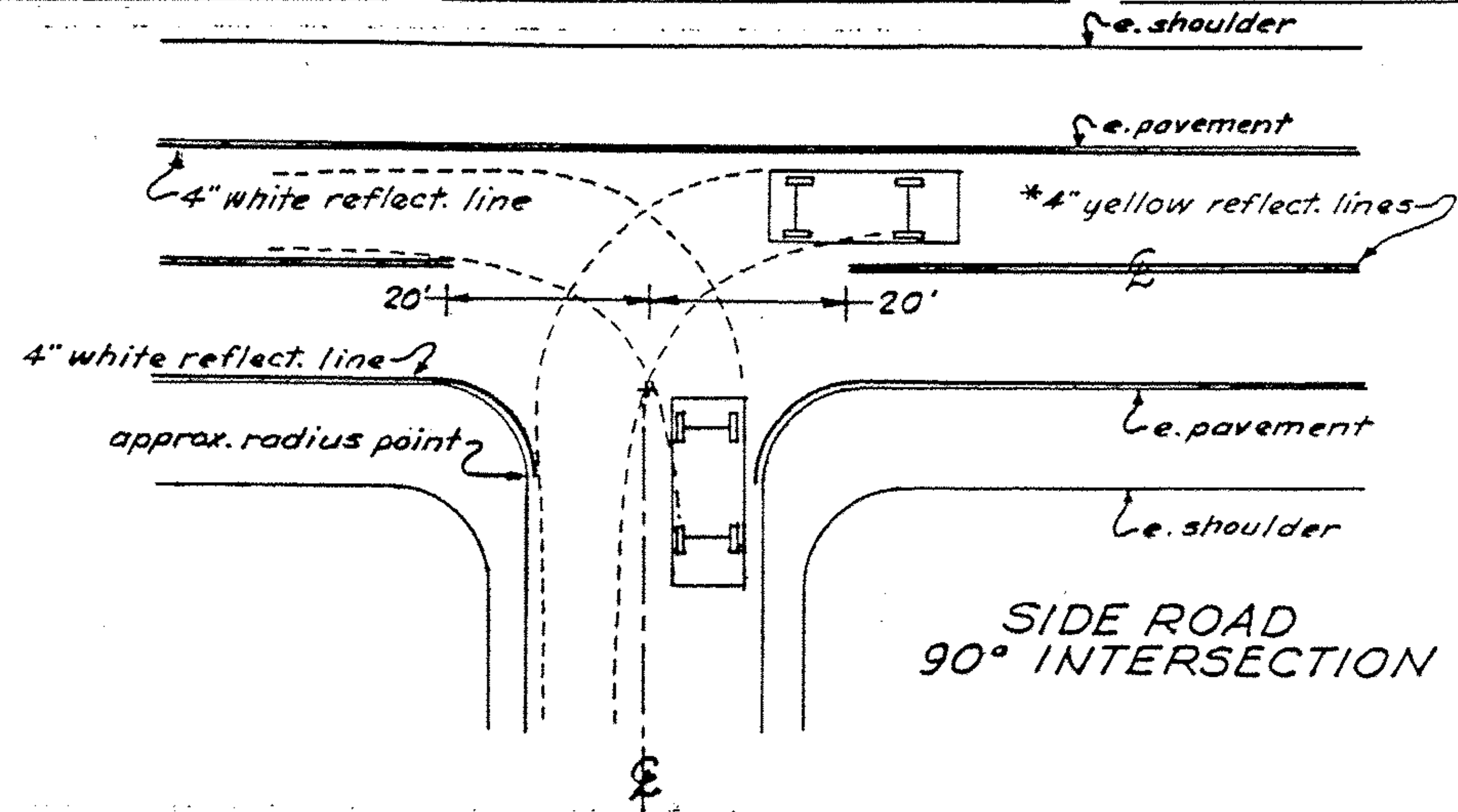
SOLID LINE - EDGE LINES  
INTERSTATE MEDIAN SIDE-RETRO-REFLECTIVE RPM'S ON 4 TO 5 FOOT CENTER.  
DRIVERS RIGHT SIDE-RPM'S NOT ALLOWED.

- 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.

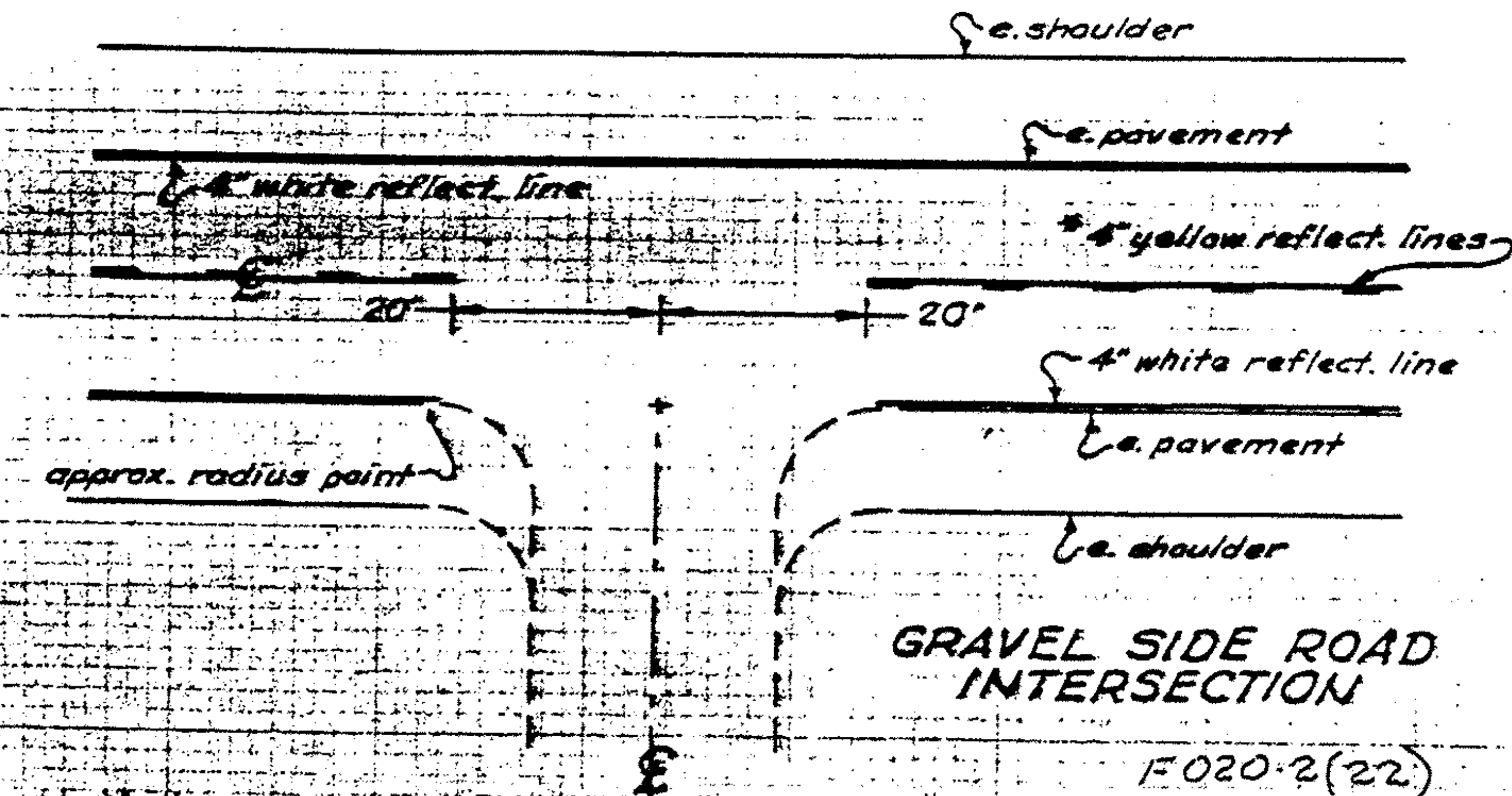
REVISED  
02/11/85

F020-2(22)

MENDON-SHERBURN 8 OF 12



\* 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.



GRAVEL SIDE ROAD  
INTERSECTION

F020-2(22)

Mendon-Sherburne

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