

STATE OF VERMONT

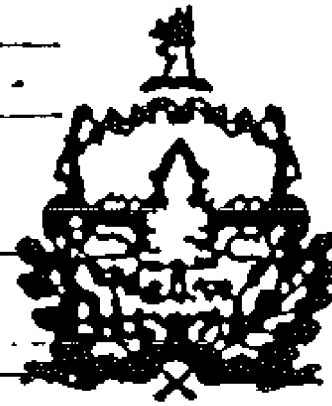
AGENCY OF TRANSPORTATION

Date DEC 15 1987

Pike Industries, Inc.

Contractor

Roger D. Martin
Signature
Roger D. Martin
Vice President



CONTRACT PLANS

THESE PLANS DO NOT REFLECT
CHANGES MADE ON THE PROJECT.

James C. [Signature]
Title
PROPOSED IMPROVEMENT

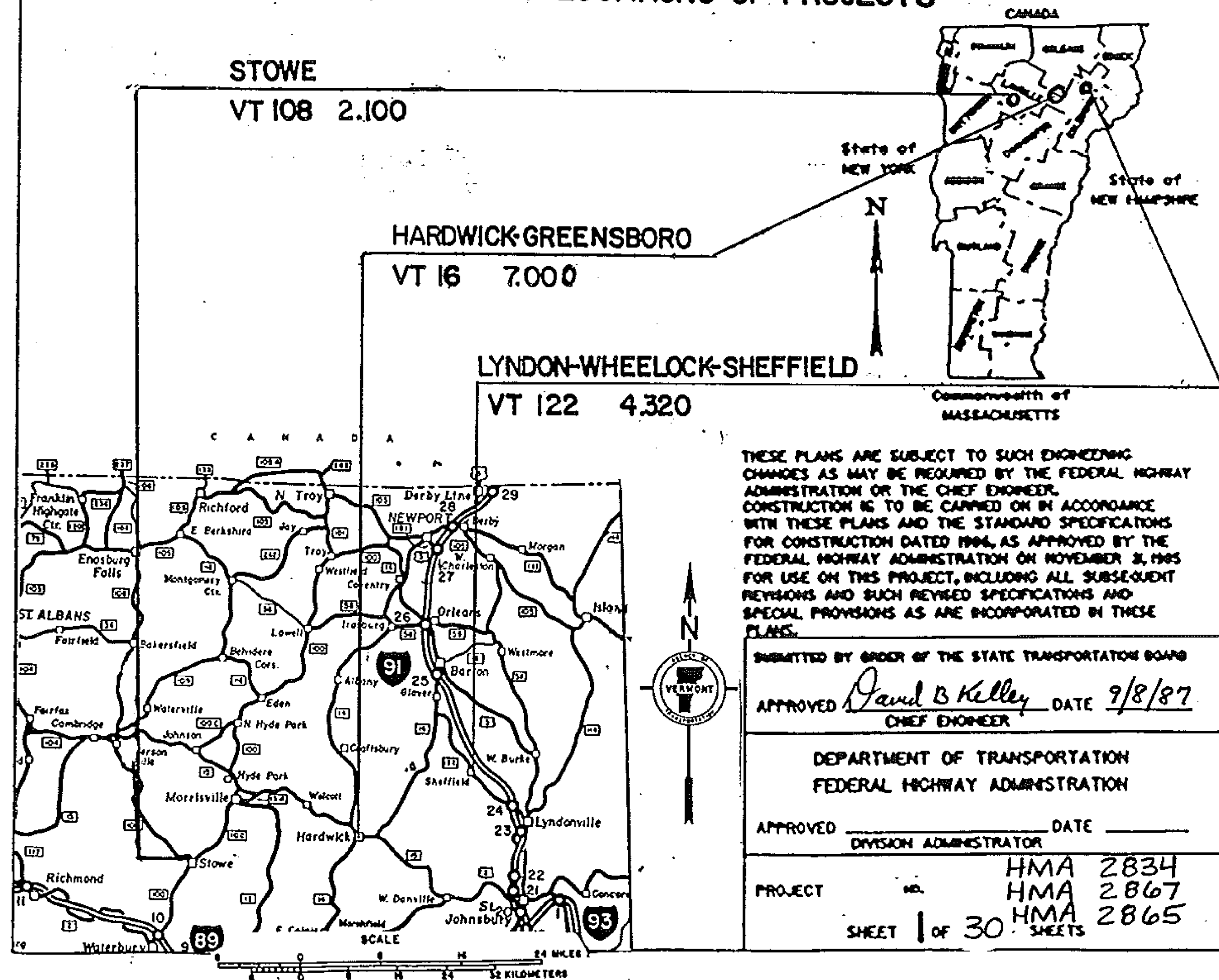
Transportation Secretary's Signature

**TOWN of HARDWICK-GREENSBORO, COUNTY of CALEDONIA-ORLEANS, ROUTE VT 16,
ROUTE CLASS FAP**

TOWN of STOWE, COUNTY of LAMOILLE, ROUTE VT 108, ROUTE CLASS FAS

**TOWNS of LYNDON-WHEELOCK-SHEFFIELD, COUNTY of CALEDONIA, ROUTE VT 122,
ROUTE CLASS FAS**

LOCATIONS OF PROJECTS



THESE PLANS ARE SUBJECT TO SUCH ENGINEERING
CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY
ADMINISTRATION OR THE CHIEF ENGINEER.
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE
WITH THESE PLANS AND THE STANDARD SPECIFICATIONS
FOR CONSTRUCTION DATED 1986, AS APPROVED BY THE
FEDERAL HIGHWAY ADMINISTRATION ON NOVEMBER 3, 1985
FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT
REVISIONS AND SUCH REVISED SPECIFICATIONS AND
SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE
PLANS.

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD

APPROVED *David B. Kelley* DATE 9/8/87
CHIEF ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED _____ DATE _____
DIVISION ADMINISTRATOR

PROJECT NO. HMA 2834
HMA 2867
HMA 2865
SHEET 1 OF 30 SHEETS

INDEX OF SHEETS

<u>SHEET</u>	<u>DESCRIPTION</u>
1.	COMPOSITE TITLE PAGE
2.	COMPOSITE INDEX
3.	COMPOSITE QUANTITY SHEET
4.	TITLE SHEET (<u>LYNDON-WHEELOCK-SHEFFIELD</u>)
5.	INDEX OF SHEETS
6.	PROJECT DESCRIPTION AND LOCATION
7.	TYPICAL SECTIONS AND DESIGN DATA
8.	PAVING LIMITS SHEET
9.-11.	TRAFFIC MARKINGS SHEETS
12.	QUANTITY SHEET
13.	TITLE SHEET (<u>HARDWICK-GREENSBORO</u>)
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15.	PROJECT DESCRIPTION AND LOCATION
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22.	TITLE SHEET (<u>STOWE</u>)
23.	INDEX OF SHEETS
24.	PROJECT DESCRIPTION AND LOCATION
25.	TYPICAL SECTIONS AND DESIGN DATA
26.	PAVING LIMITS SHEET
27.-29.	TRAFFIC MARKINGS SHEETS
30.	QUANTITY SHEET

STANDARDS

31.	E-2	2-3-86 R
32.	E-6	4-1-80 R
33.	E-7	2-3-86 R
34.	E-7a	2-3-86 R
35.	E-8	2-3-86 R
36.	E-50	2-3-86 R

PROJECT HMA#

	LYNDON-WHEELOCK-SHEFFIELD	2834	
	HARDWICK-GREENSBORO	2867	
PROJECT	<u>STOWE</u>	2865	SHEET 2 OF 30 SHEETS

PROJECT LENGTHS AND ITEM QUANTITIES

ITEM DESCRIPTION	ITEM NO.	UNIT	F.T.	F.T.	IN.	CY	402.11	TON	402.12	CWT	404.65	TON	406.25	HR	608.15	HR	608.25	HR	608.30	HR	608.37	HR	630.10	HR	630.15	LS	635.10
LYNDON-SHEFFIELD HMA 2834			22810	22	1 1/4	680	1190	70	6600	50	45	35	45	330	420	0.33											
HARDWICK-GREENSBORO HMA 2867			36960	28/36	1 1/4	2182	3819	120	10200	105	105	56	105	460	460	0.50											
STOWIE HMA 2865			11088	36	1 1/4	680	1200	43	3200	32	32	17	32	145	145	0.17											
GRAND TOTAL			70858	—	—	3542	6209	233	20000	187	182	108	182	935	1025	1											

ITEM DESCRIPTION	ITEM NO.	UNIT	LF	LF	LF	EA	EA	EA	CY	646.51	646.30	646.40	646.48	646.44	651.35
LYNDON-SHEFFIELD HMA 2834			45450	65750		6	60								
HARDWICK-GREENSBORO HMA 2867			74026	135300		2	140								
STOWIE HMA 2865			21754	41000			42								
GRAND TOTAL			141230	242050		2	6	242							

PROJECT LYNDON - SHEFFIELD HMA 2834
 HARDWICK - GREENSBORO HMA 2867

STATE OF VERMONT
 AGENCY OF TRANSPORTATION



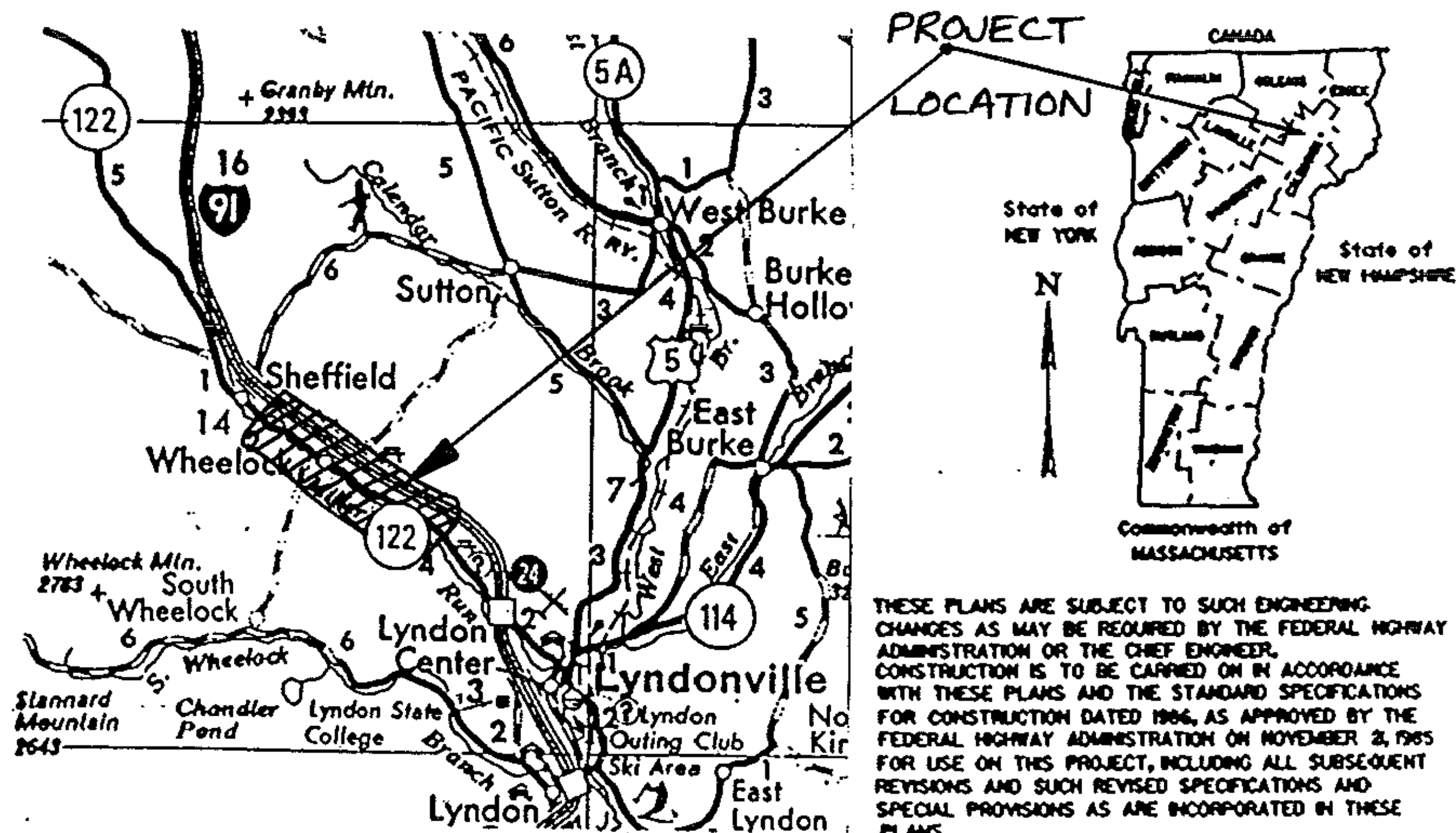
PROPOSED IMPROVEMENT
 RESURFACING PROJECT

TOWN OF LYNDON-WHEELOCK-SHEFFIELD

COUNTY OF CALEDONIA

ROUTE NO. VT 122

ROUTE CLASS F.A.S.



THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE CHIEF ENGINEER. CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1966, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON NOVEMBER 2, 1965 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD	
APPROVED _____	DATE _____
CHIEF ENGINEER	
DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
APPROVED _____	DATE _____
DIVISION ADMINISTRATOR	
PROJECT NO.	HMA 2834
SHEET 4 OF 30 SHEETS	

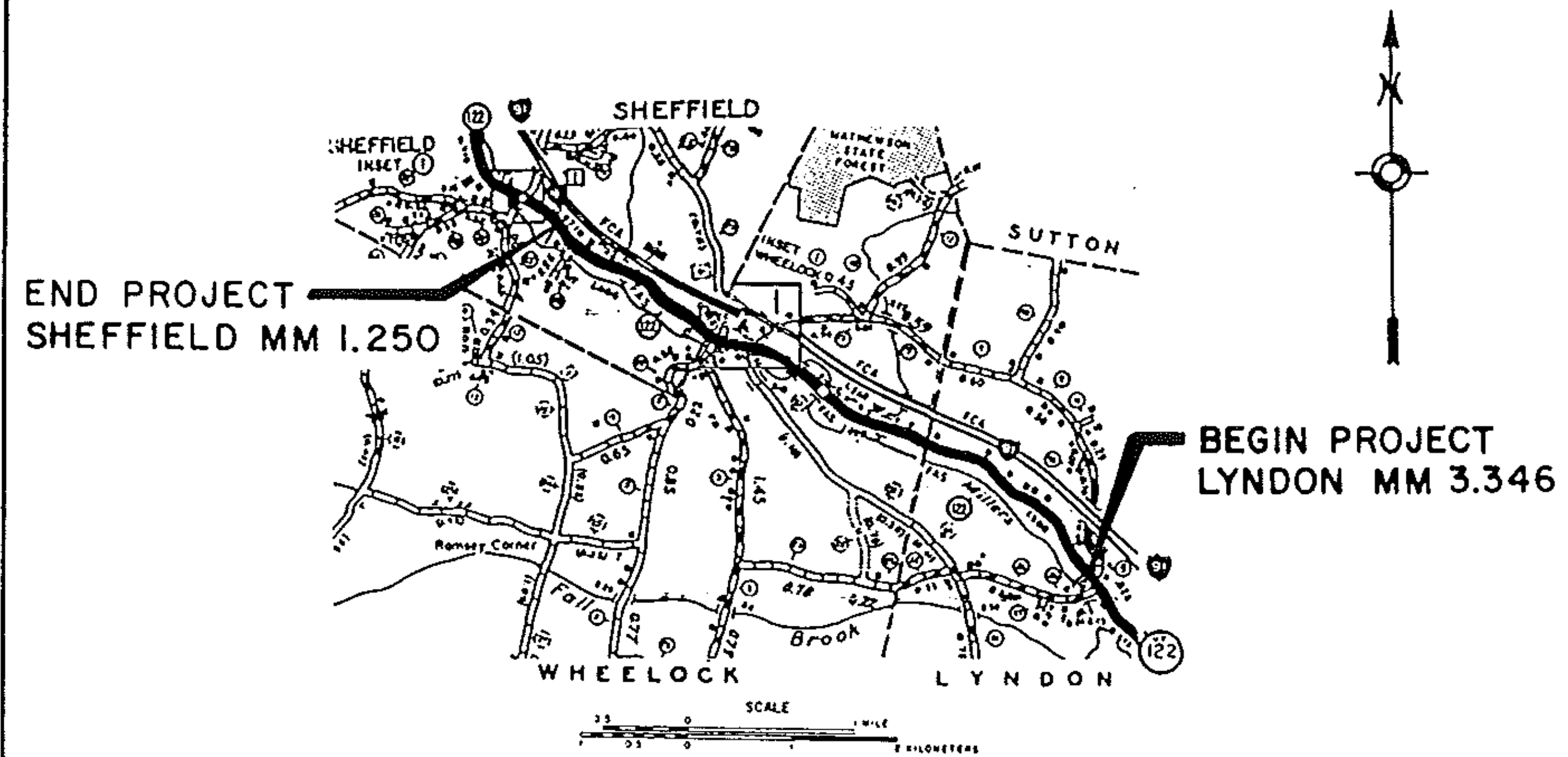
<u>SHEET</u>	<u>DESCRIPTION</u>
4.	TITLE SHEET
5.	INDEX OF SHEETS
6.	PROJECT DESCRIPTION & LOCATION
7.	TYPICAL SECTION & DESIGN DATA
8.	PAVING LIMITS SHEET
9~11.	TRAFFIC MARKINGS SHEETS
12.	QUANTITY SHEET

PROJECT LYNDON - WHEELLOCK - SHEFFIELD

NO. HMA 2834

SHEET 5 OF 30 SHEETS

PROJECT DESCRIPTION AND LOCATION



PROJECT LOCATION

BEGINNING IN THE TOWN OF LYNDON AT MM 3.346 AND EXTENDING NORTHWESTERLY ALONG VT 122 4.320 MILES THROUGH THE TOWN OF WHEELLOCK TO MM 1.250 IN THE TOWN OF SHEFFIELD.

PROJECT LENGTH

4.320 MILES (22,810 FEET)

PROJECT DESCRIPTION

RESURFACE WITH A LEVELING COURSE AND $1/4$ " BITUMINOUS OVERLAY, PROVIDE PAVED SHOULDERS, NEW PAVEMENT MARKINGS AND SIGNS AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

TRAFFIC DATA

AADT 940
V 50MPH

NOTE

BRIDGE NO. 11, MM 0.74 IN WHEELLOCK, PAVE WITH THIN LAYER OF BITUMINOUS IF DESIRED.
BRIDGE NO. 12, MM 0.96 DO NOT PAVE.

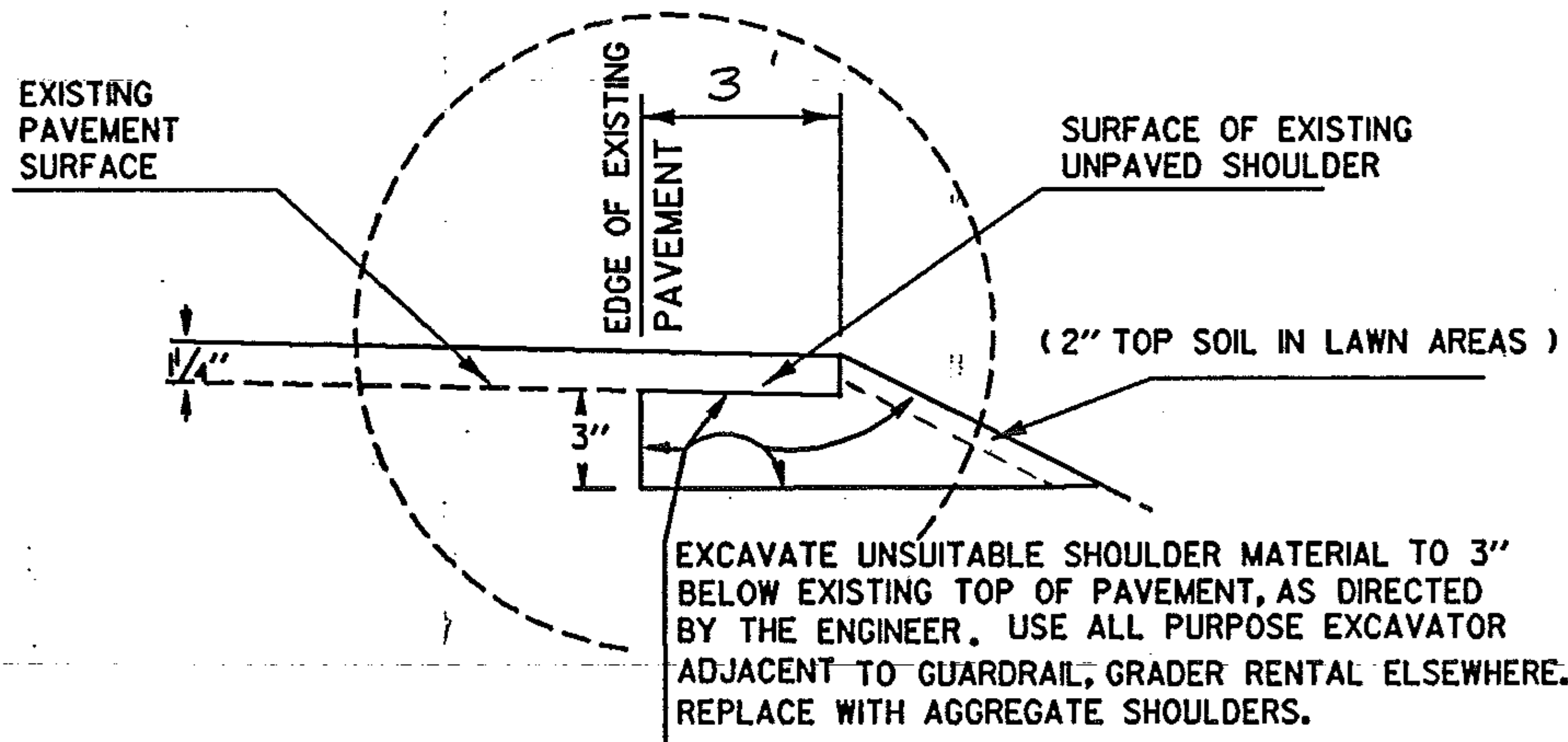
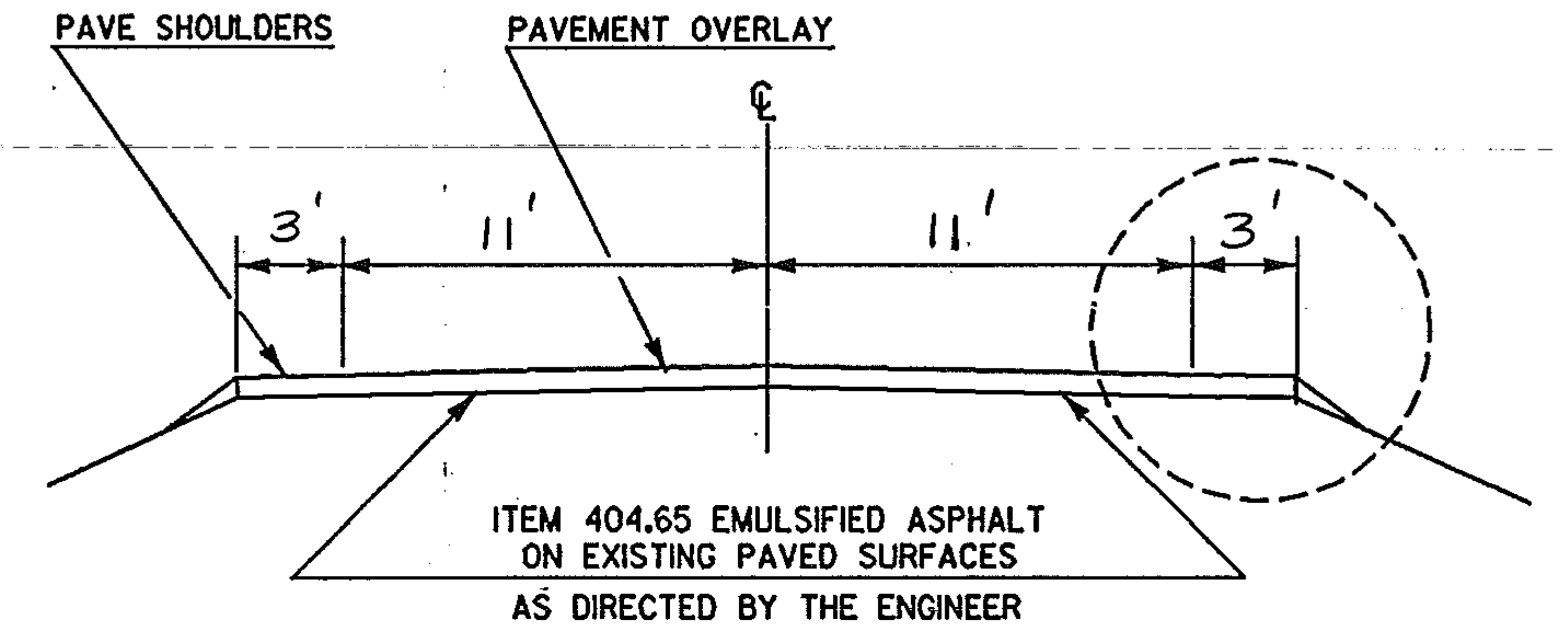
PROJECT LYNDON - SHEFFIELD

NO. HMA 2834

SHEET 6 OF 30 SHEETS

TYPICAL SECTIONS & DESIGN DATA

ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT
 AGGREGATE SHOULDERS ($\pm 1/2''$)
 LEVELING COURSE TYPE IV (350 TONS/MILE)
 1 1/4" WEARING COURSE TYPE III ($\pm 1/4''$)
 AS DIRECTED BY THE ENGINEER



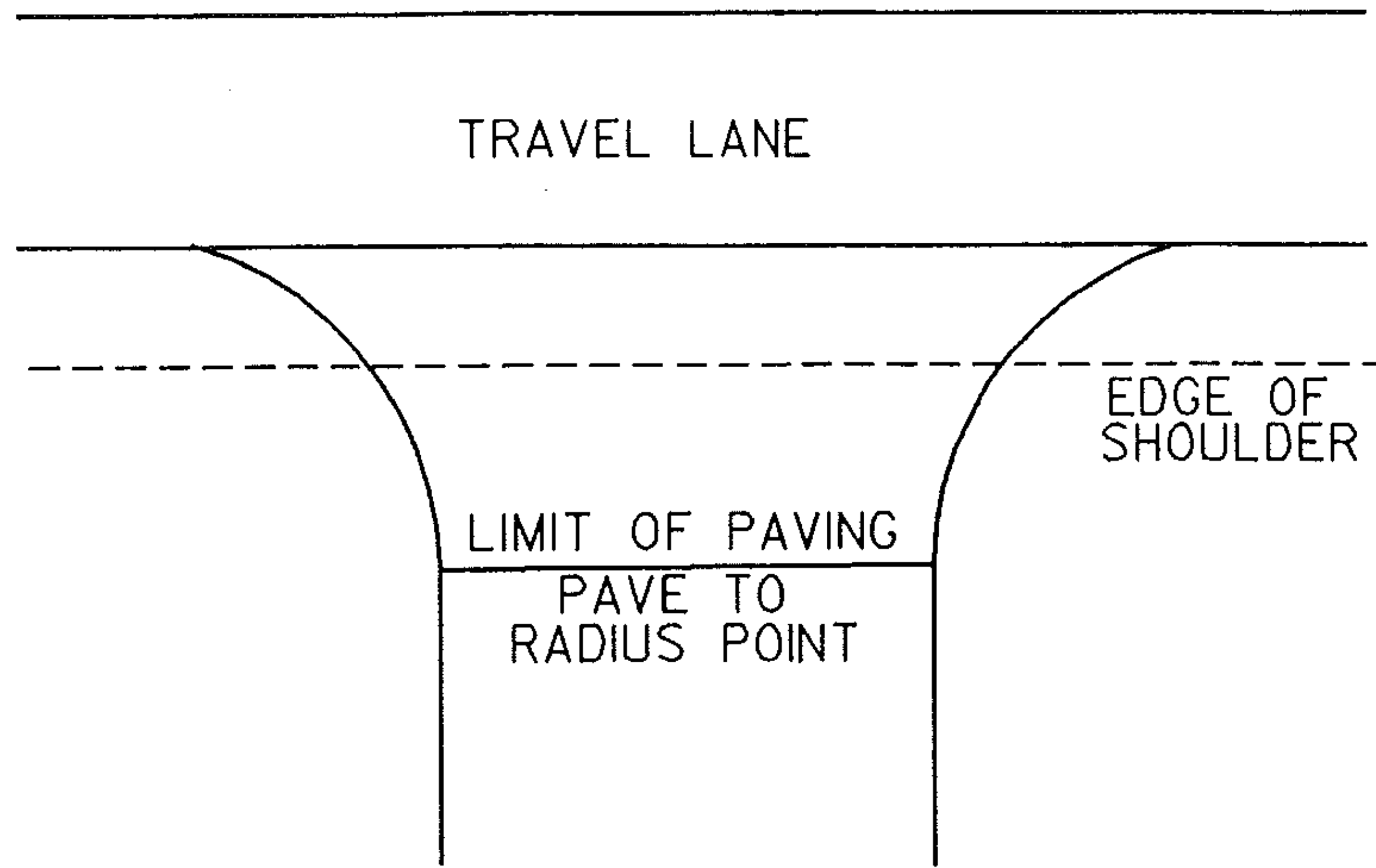
PROJECT LYNDON - SHEFFIELD

NO. HMA 2834

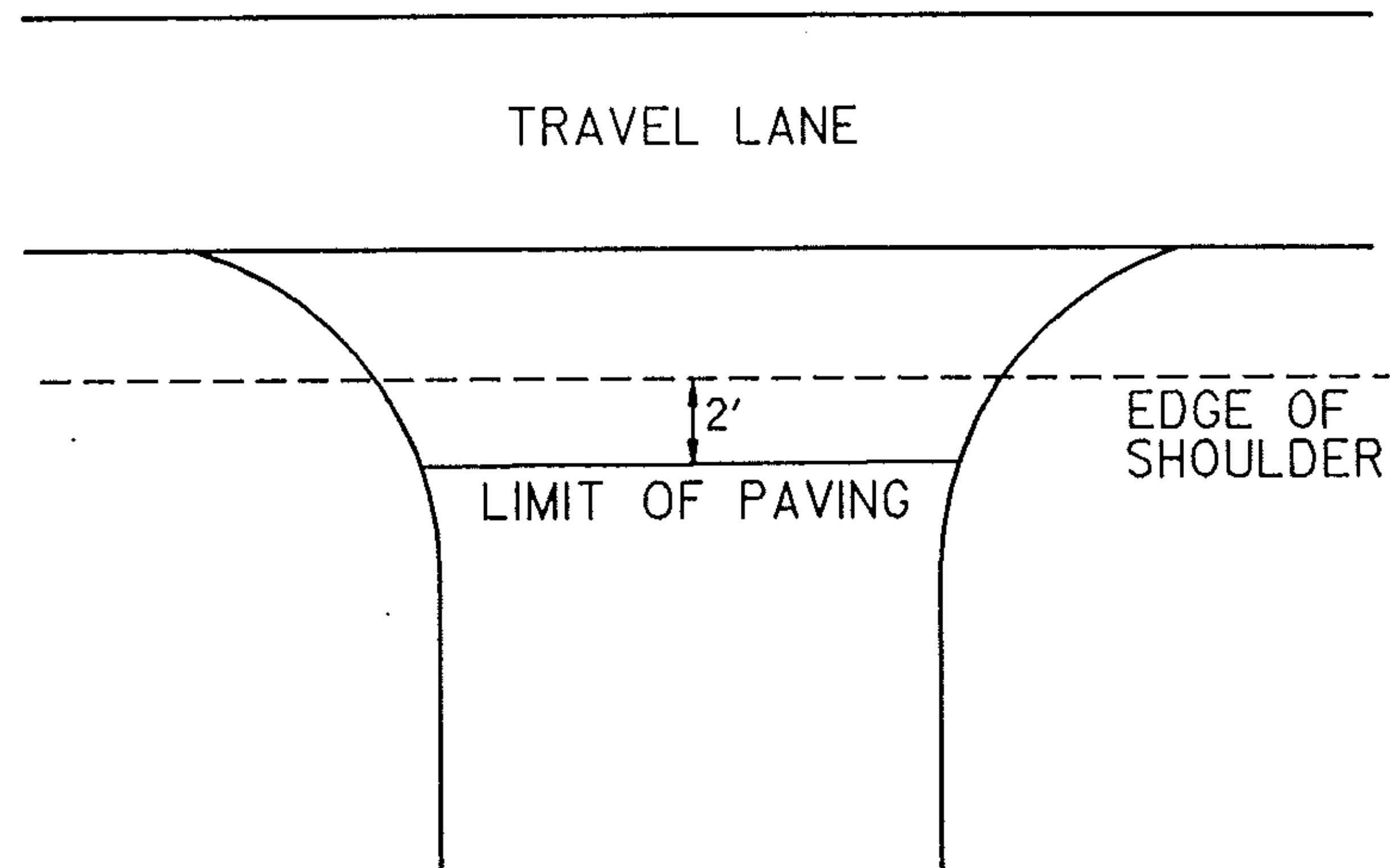
SHEET 7 OF 30 SHEETS

PAVING LIMITS FOR TOWN ROADS & DRIVES

PAVING LIMITS FOR TOWN ROADS



PAVING LIMITS FOR DRIVES



PROJECT LYNDON-SHEFFIELD

NO. HMA 2834

SHEET 8 OF 30 SHEETS

TEMPORARY 4" YELLOW LINE

S = SOLID LINE
B = DASHED LINE

	MILE	MILE	LT	RT	QUANTITY LT	QUANTITY C	QUANTITY RT	TOTALS	
LYNDON	3.346	4.13	S	S	4140		4140	8280	
	4.13	4.15	S	B	106		27	133	
	4.15	4.28	B	S	172		686	858	
	4.28	4.83	S	S	2904		2904	5808	
WHEELLOCK	0.00	0.54	S	S	2851		2851	5702	
	0.54	0.67	S	B	686		172	858	
	0.67	0.91	S	S	1267		1267	2534	
	0.91	1.04	B	S	172		686	858	
	1.04	1.57	S	S	2798		2798	5596	
SHEFFIELD	0.00	1.25	S	S	6600		6600	13200	
								SUBTOTAL	43827
								ASSUME 50% LOSS @ LEVELING +	21914
								SUBTOTAL	65741
							rounding	9	
							TOTAL	65750 LF	

TEMPORARY 4" WHITE LINE

	MILE	MILE	LT.	RT.	QUANTITY LT.	QUANTITY C	QUANTITY RT.	TOTALS
LYNDON	3.346	4.83	S	S	7836		7836	15672
HARDWICK	0.00	1.57	S	S	8290		8290	16580
STOWE	0.00	1.25	S	S	6600		6600	13200
							TOTAL	45452
							SAY	45450

PROJECT LYNDON-SHEFFIELD

NO. HMA 2834

SHEET 9 OF 30 SHEETS

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:

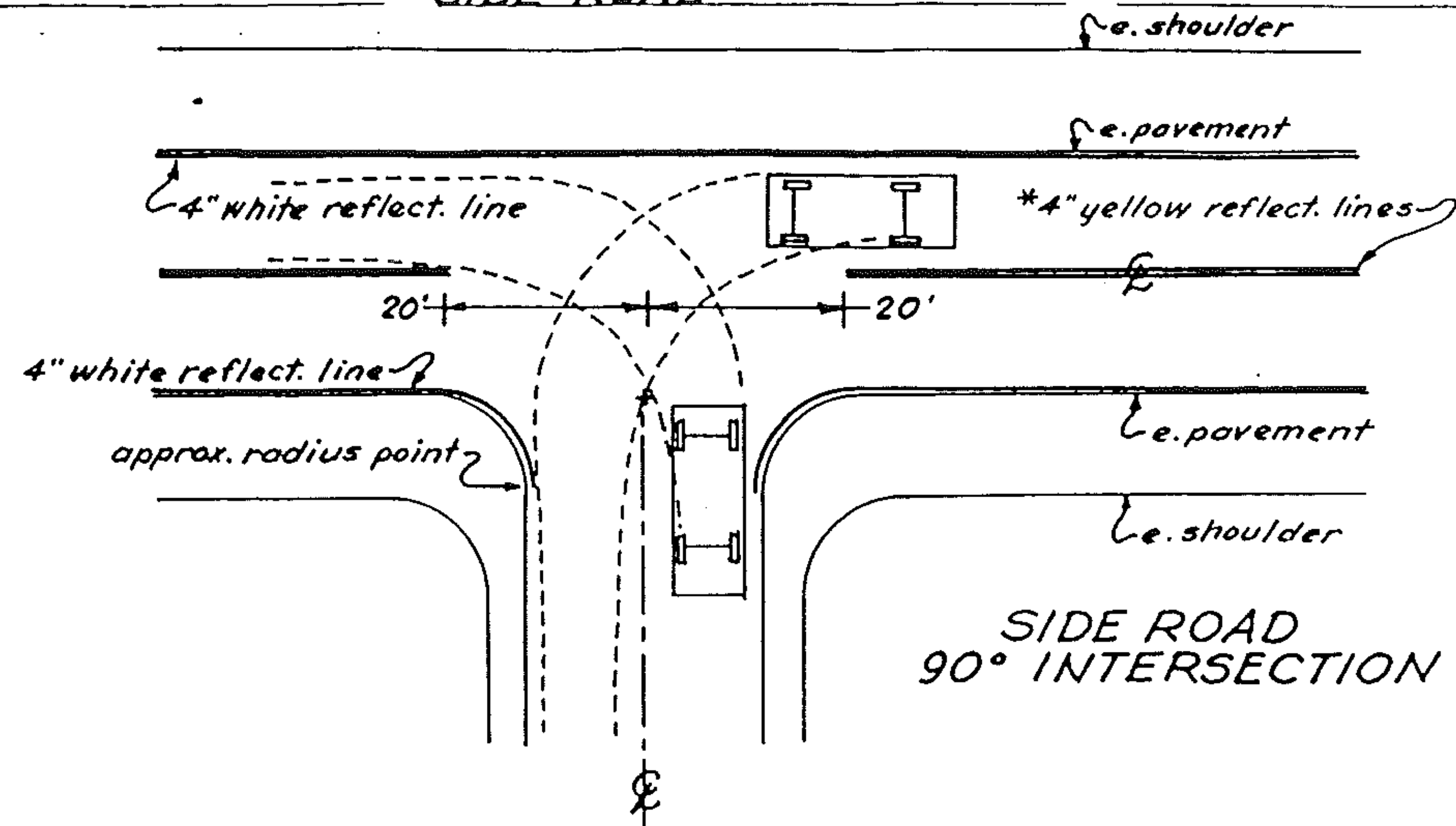
NO PASSING BARRIER
NO RPM'S ALLOWED.

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

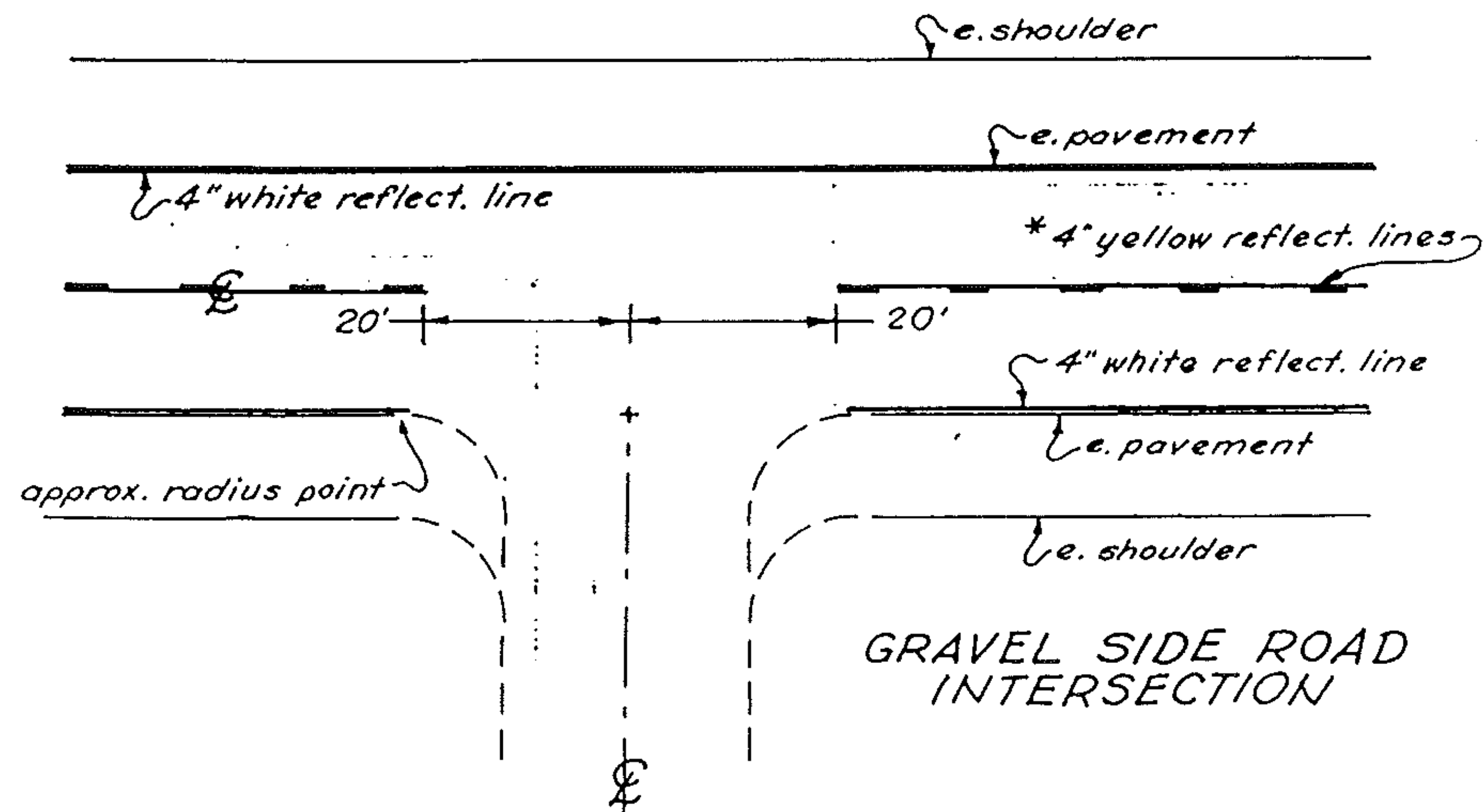
SOLID LINE - EDGE LINES
INTERSTATE MEDIAN SIDE-RETRO-REFLECTIVE RPM'S ON 4 TO 5 FOOT CENTER.
DRIVERS RIGHT SIDE-RPM'S NOT ALLOWED.

- 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



* 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.



STATE OF VERMONT
 AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT

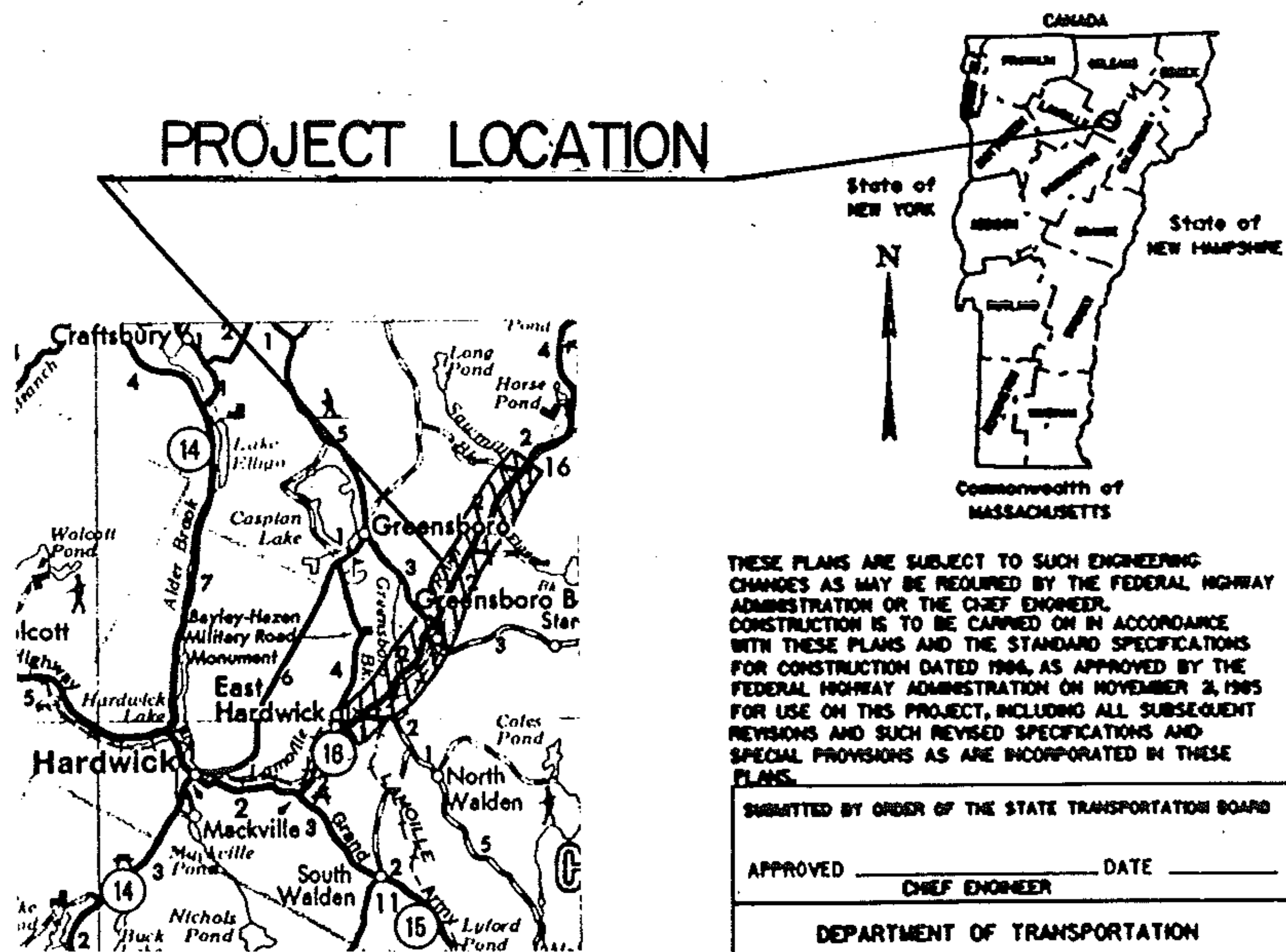
TOWN OF HARDWICK-GREENSBORO

COUNTY OF CALEDONIA-ORLEANS

ROUTE NO. VT. 16

ROUTE CLASS FAP

PROJECT LOCATION



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SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD

APPROVED _____ DATE _____
 CHIEF ENGINEER

DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION

APPROVED _____ DATE _____
 DIVISION ADMINISTRATOR

PROJECT **HMA 2867**

SHEET 13 OF 30 SHEETS

SEE SHEET FOR INDEX

SHEET

DESCRIPTION

13.	TITLE SHEET
14.	INDEX OF SHEETS
15.	PROJECT DESCRIPTION & LOCATION
16.	TYPICAL SECTIONS & DESIGN DATA
17.	PAVING LIMITS SHEET
18.-20.	TRAFFIC MARKINGS SHEET
21.	QUANTITY SHEET

PROJECT HARDWICK-GREENSBORO

NO. HMA 2867

SHEET 14 OF 30 SHEETS

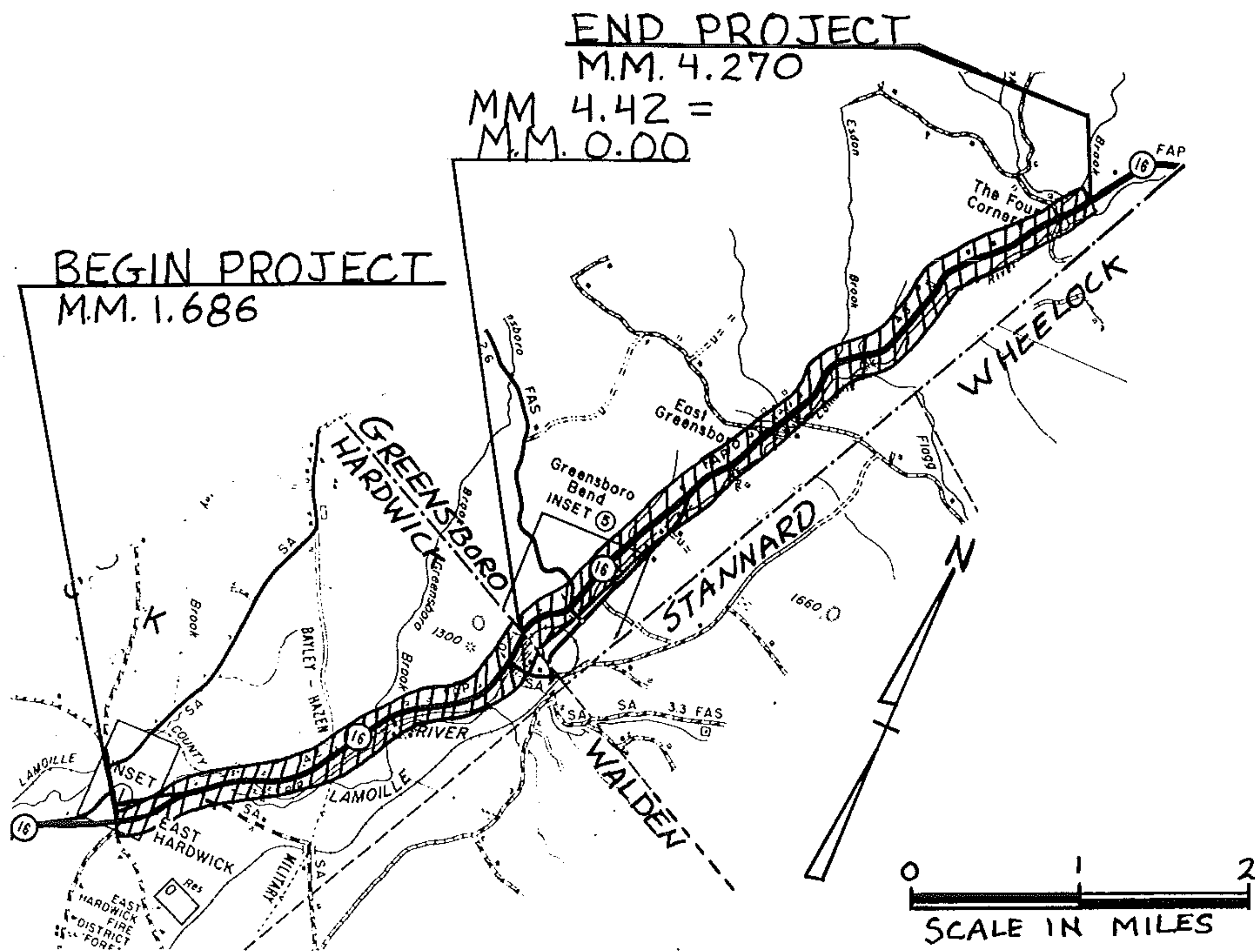
DESCRIPTION AND LOCATION

PROJECT LENGTH: 7.000 MILES, 36,960.00 FEET

1986 A.D.T.: 980

BEGINNING IN THE TOWN OF HARDWICK ON VT. 16 AT M.M. 1.686 AND EXTENDING NORTHERLY 7.000 MILES TO M.M. 4.270 IN THE TOWN OF GREENSBORO.

RESURFACING OF THE HIGHWAY AND ITS APPROACHES, AND NEW PAVEMENT MARKINGS.



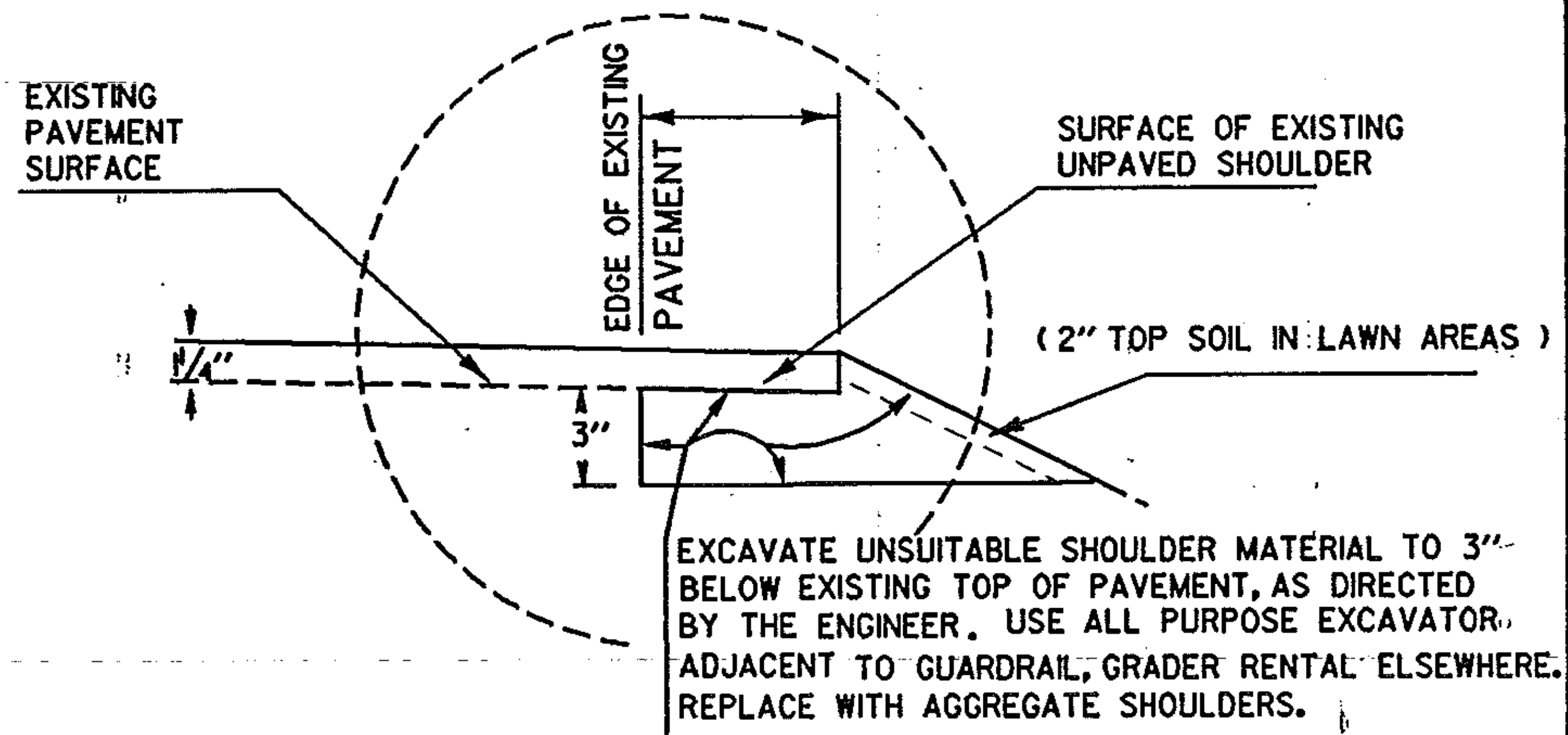
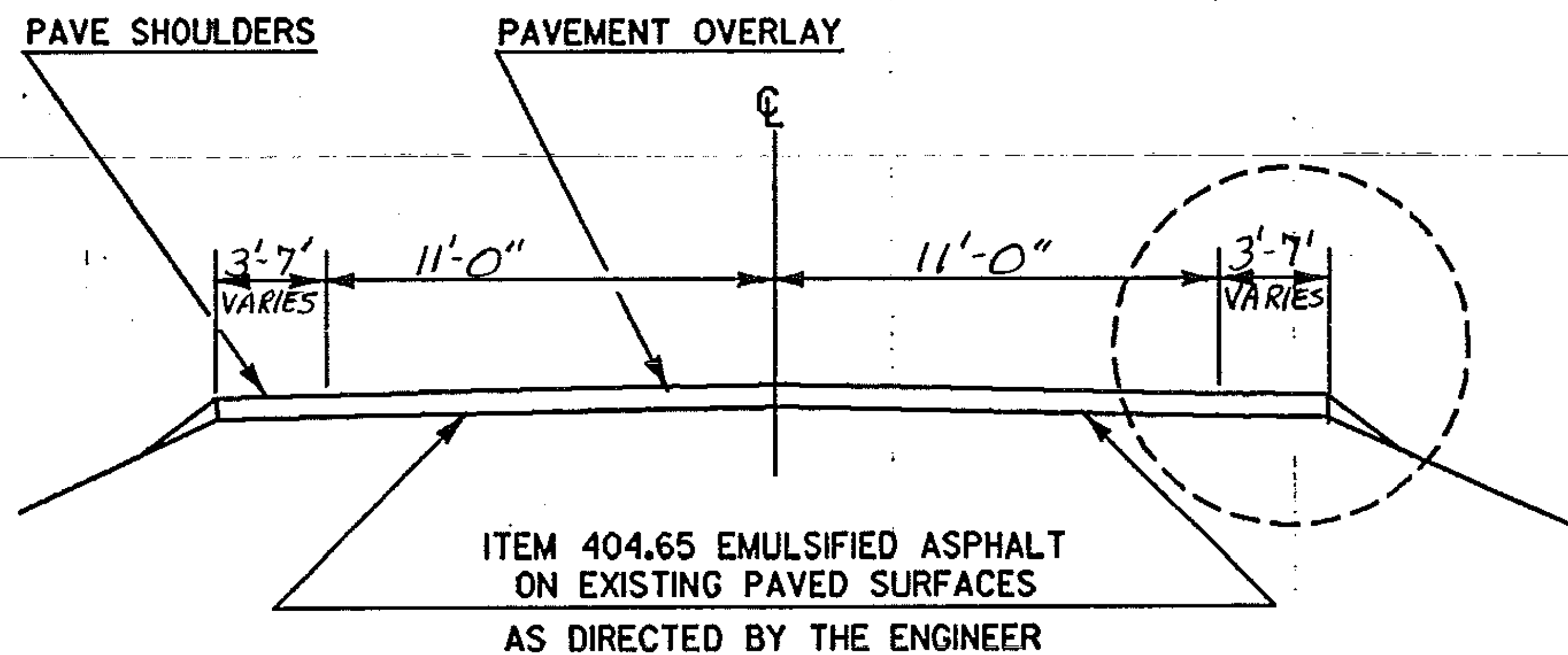
PROJECT HARDWICK-GREENSBORO

NO. HMA 2867

SHEET 15 OF 30 SHEETS

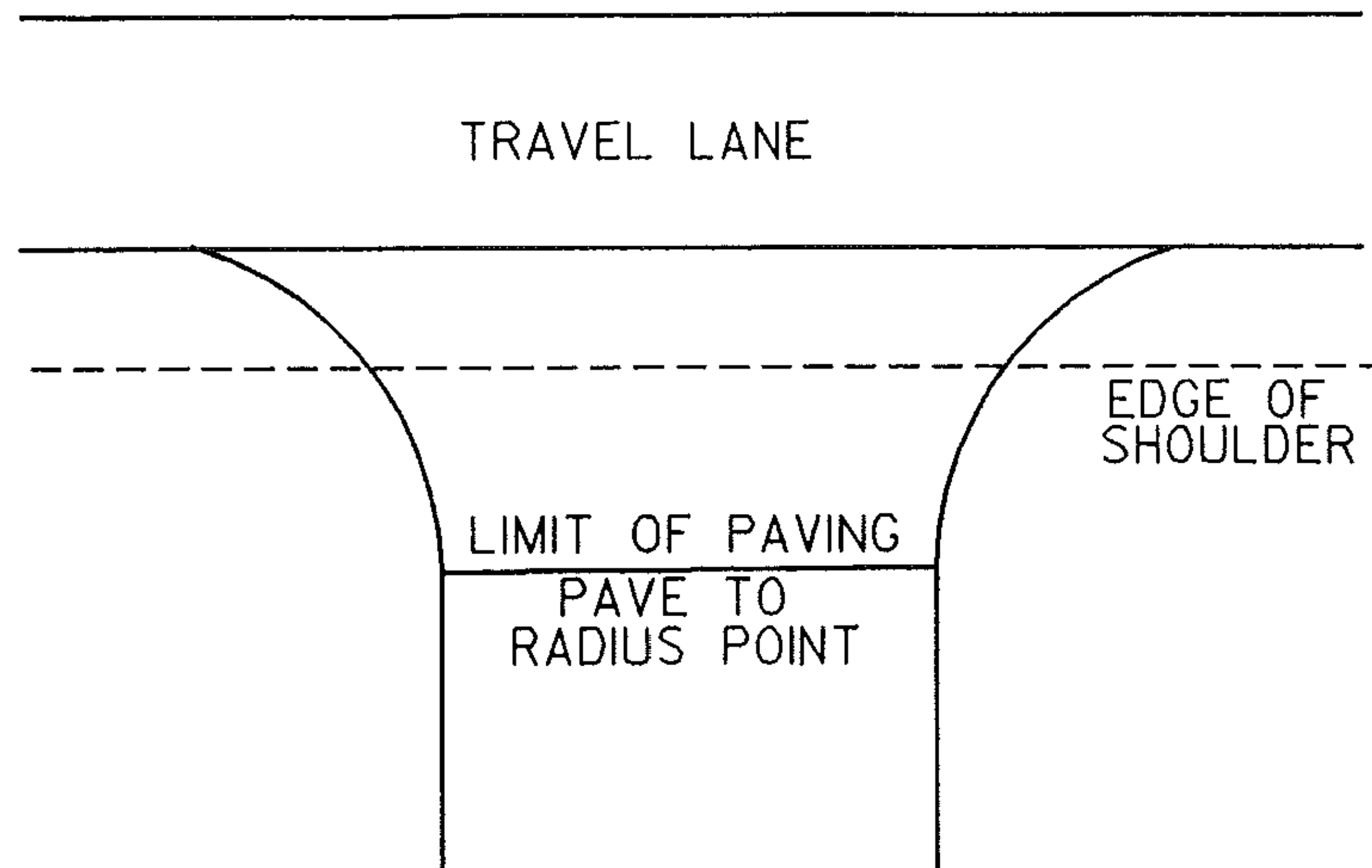
TYPICAL SECTIONS & DESIGN DATA

ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT
 AGGREGATE SHOULDERS ($\pm 1/2"$)
 LEVELING COURSE TYPE IV (300 TONS/MILE)
 1 1/4" WEARING COURSE TYPE III ($\pm 1/4"$)
 AS DIRECTED BY THE ENGINEER

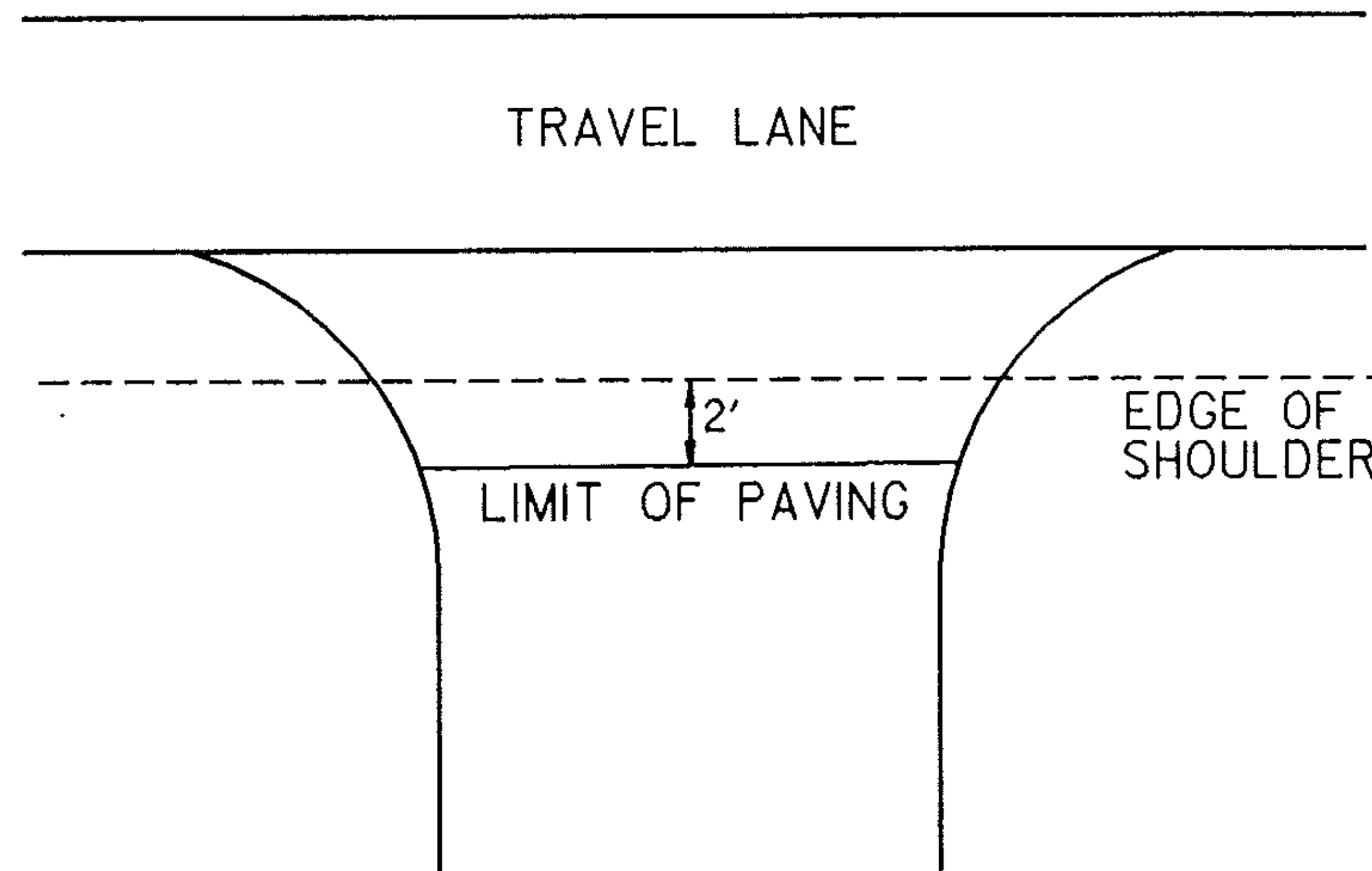


PAVING LIMITS FOR TOWN ROADS & DRIVES

PAVING LIMITS FOR TOWN ROADS



PAVING LIMITS FOR DRIVES



PROJECT HARDWICK-GREENSBORO

NO. HMA 2867

SHEET 17 OF 30 SHEETS

TEMPORARY 4" YELLOW LINE

S=SOLID LINE
D=DASHED LINE

	MILE	MILE	LT	RT	£	QUANTITY LT	QUANTITY £	QUANTITY RT	TOTALS
	1.68	1.83	S	S		792		792	1584
K	1.83	1.92	S	D		475		119	594
C	1.92	1.95			D		40		40
i	1.95	2.02	D	S		92		370	462
W	2.02	2.24	S	S		1162		1162	2324
D	2.24	2.37	D	S		172		686	858
R	2.37	3.08	S	S		3749		3749	7498
A	3.08	3.17	S	D		475		119	594
H	3.17	3.37			D		264		264
	3.37	4.00	D	S		832		3326	4158
	4.00	4.16	S	S		845		845	1690
	4.16	4.17	S	D		53		13	66
	4.17	4.24	S	S		370		370	740
	4.24	4.42	S	S		950		950	1900
GREENSBORO	0.00	4.27	S	S		22545		22545	45090
								SUBTOTAL	67,862
								(100% LOSS DUE TO LEVELING)	+ 67,862
								(minus 3 roadway openings @ 80' ea x 2 courses)	- 480
									135,244
								round	56
							TOTAL	135,300	

TEMPORARY 4" WHITE LINE

	MILE	MILE	LT.	RT.	£	QUANTITY LT.	QUANTITY £	QUANTITY RT.	TOTALS
GREENSBORO	0.00	4.27	S	S		22546		22546	45092
HARDWICK	1.68	4.42	S	S		14467		14467	28034
								TOTAL	74,026

PROJECT HARDWICK-
GREENSBORO

NO. HMA 2867
SHEET 18 OF 30 SHEETS

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.

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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.

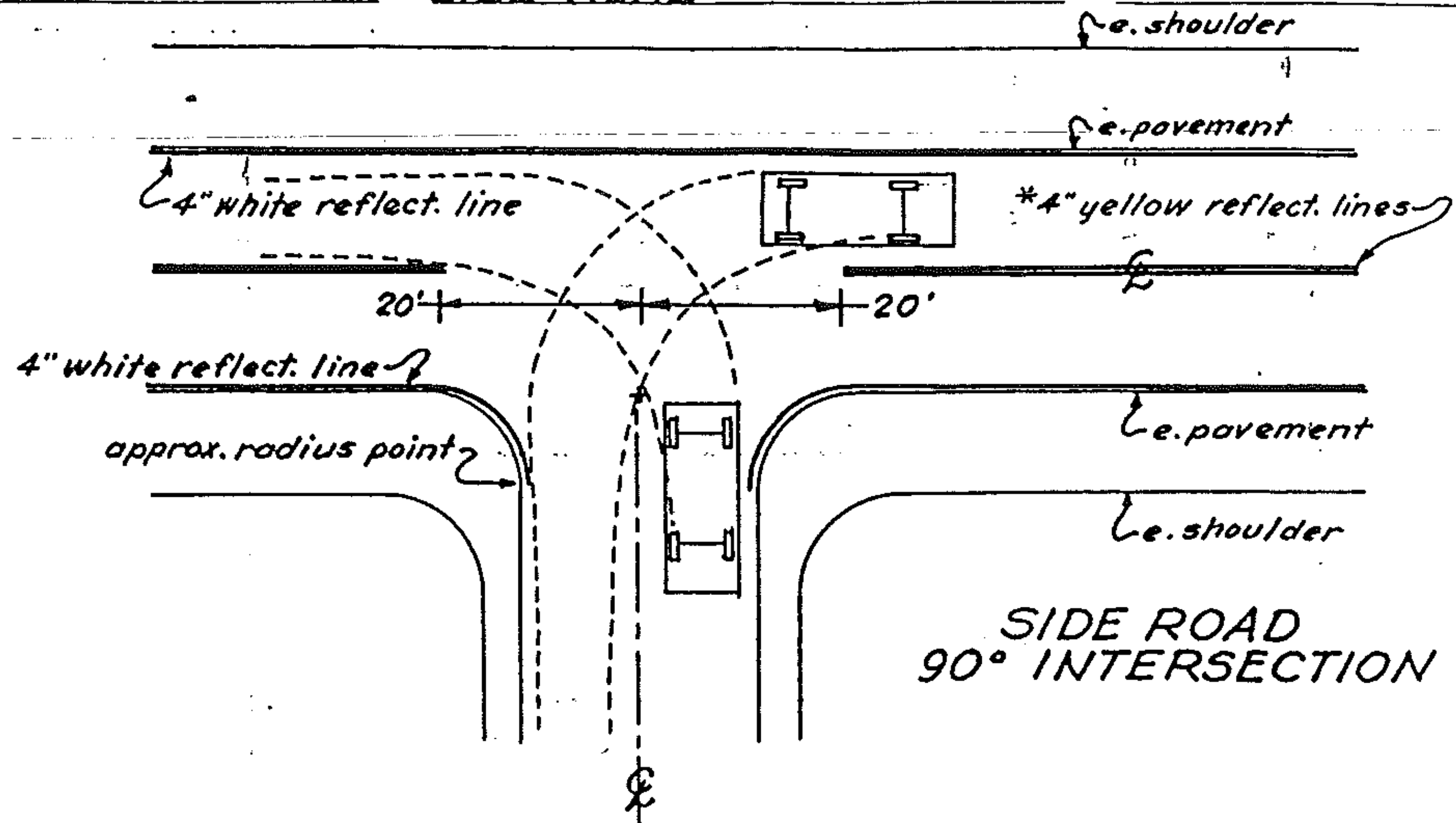
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REVISED
02/11/85

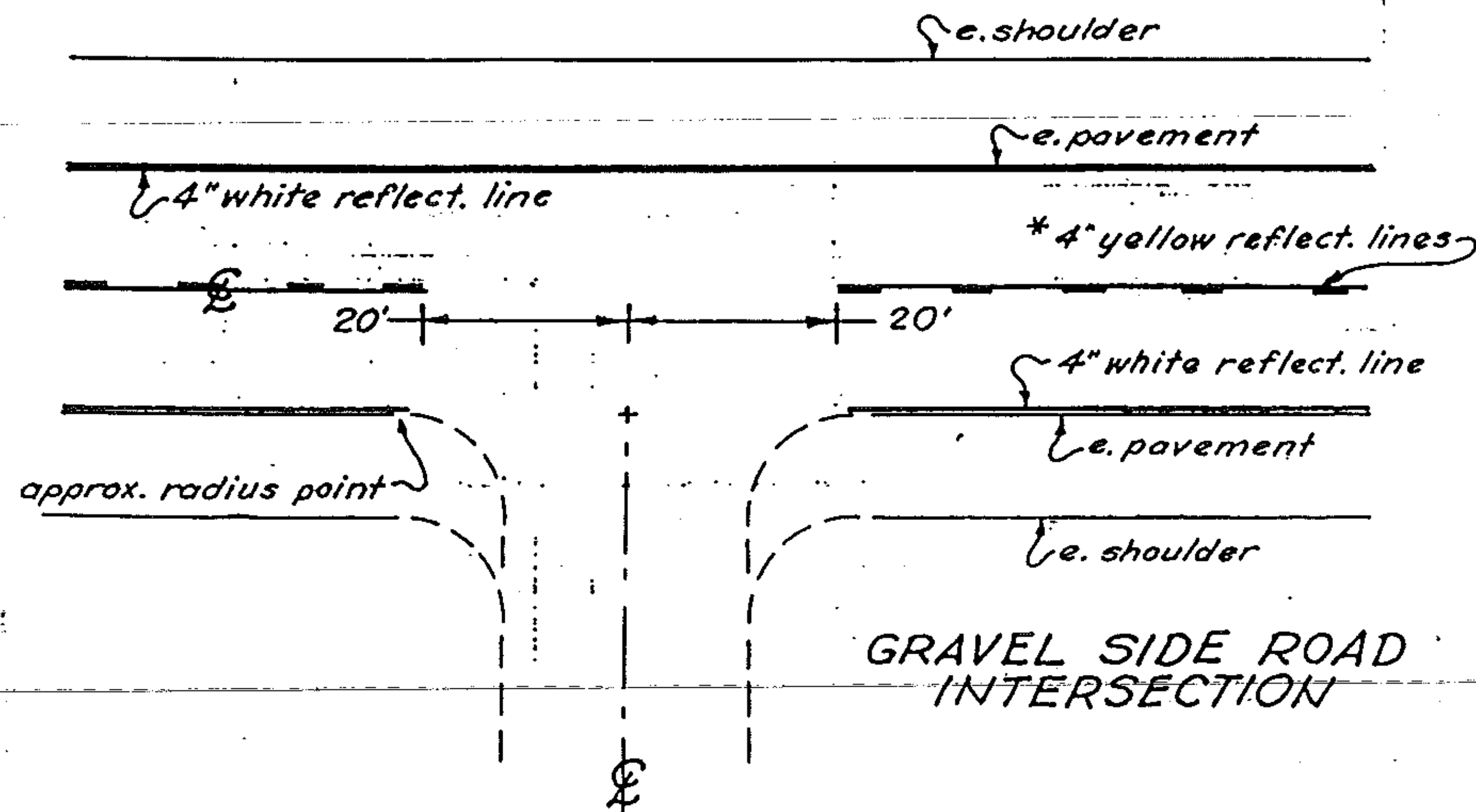
HMA 2867

HARDWICK-GREENSBORO

SHEET 19 OF 30 SHEETS



* 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.



PROJECT LENGTHS AND ITEM QUANTITIES

ITEM DESCRIPTION		LENGTH	WIDTH	OVERLAY DEPTH	GRAVEL SHOULDERS	EMULSIFIED ASPHALT	POWER GRADER RENTAL	ALL PURPOSE CONCRETE PAVEMENT	TRUCK BROOM RENTAL	UNIFORMED TRAFFIC OFFICERS MOBILIZATION					
ITEM NO.	FT.	FT.	IN.	CY	402.11 TON	402.12 TON	40%65 CWT	406.25 TON	608.15 HR	608.25 HR	608.30 HR	608.37 HR	630.10 HR	630.15 HR	635.10 LS
HARDWICK- GREENSBORO	36960	28-36	1 1/4	2182	3819	120	10,200	105	105	56	105	460	460	460	0.50

ITEM DESCRIPTION		4" WHITE LINE	4" YELLOW LINE	DURABLE 4" WHITE LINE	DURABLE 2 1/2" STOP BAR	DURABLE RAILROAD CROSSING SYMBOL	DURABLE LETTER IN WORD MARKING	TOPSOIL
ITEM NO.	LF	LF	LF	EA	EA	CY	657.35	
HARDWICK- GREENSBORO	74026	13500	—	2	—	140	646.51	646.30
							646.40	646.48
							646.44	657.35

STATE OF VERMONT
 AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT

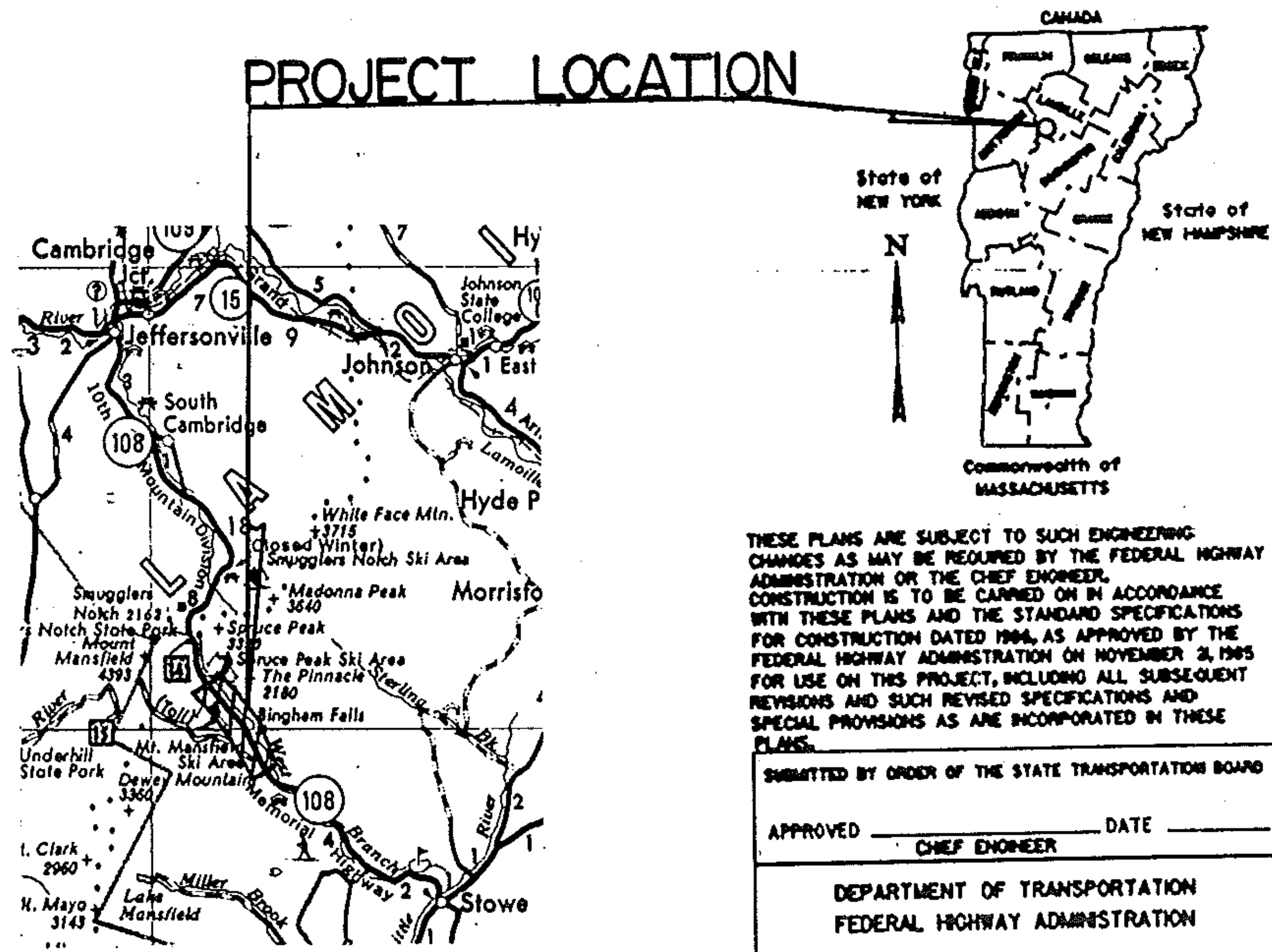
TOWN OF STOWE

COUNTY OF LAMOLLE

ROUTE NO. VT. 108

ROUTE CLASS F.A.S.

PROJECT LOCATION



THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE CHIEF ENGINEER. CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1964, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON NOVEMBER 24, 1965 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD
 APPROVED _____ DATE _____
 CHIEF ENGINEER

DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 APPROVED _____ DATE _____
 DIVISION ADMINISTRATOR

PROJECT NO. **HMA 2865**
 SHEET 22 OF 30 SHEETS

SEE SHEET FOR INDEX

SHEET

DESCRIPTION

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30.	QUANTITY SHEETS

PROJECT STOWE

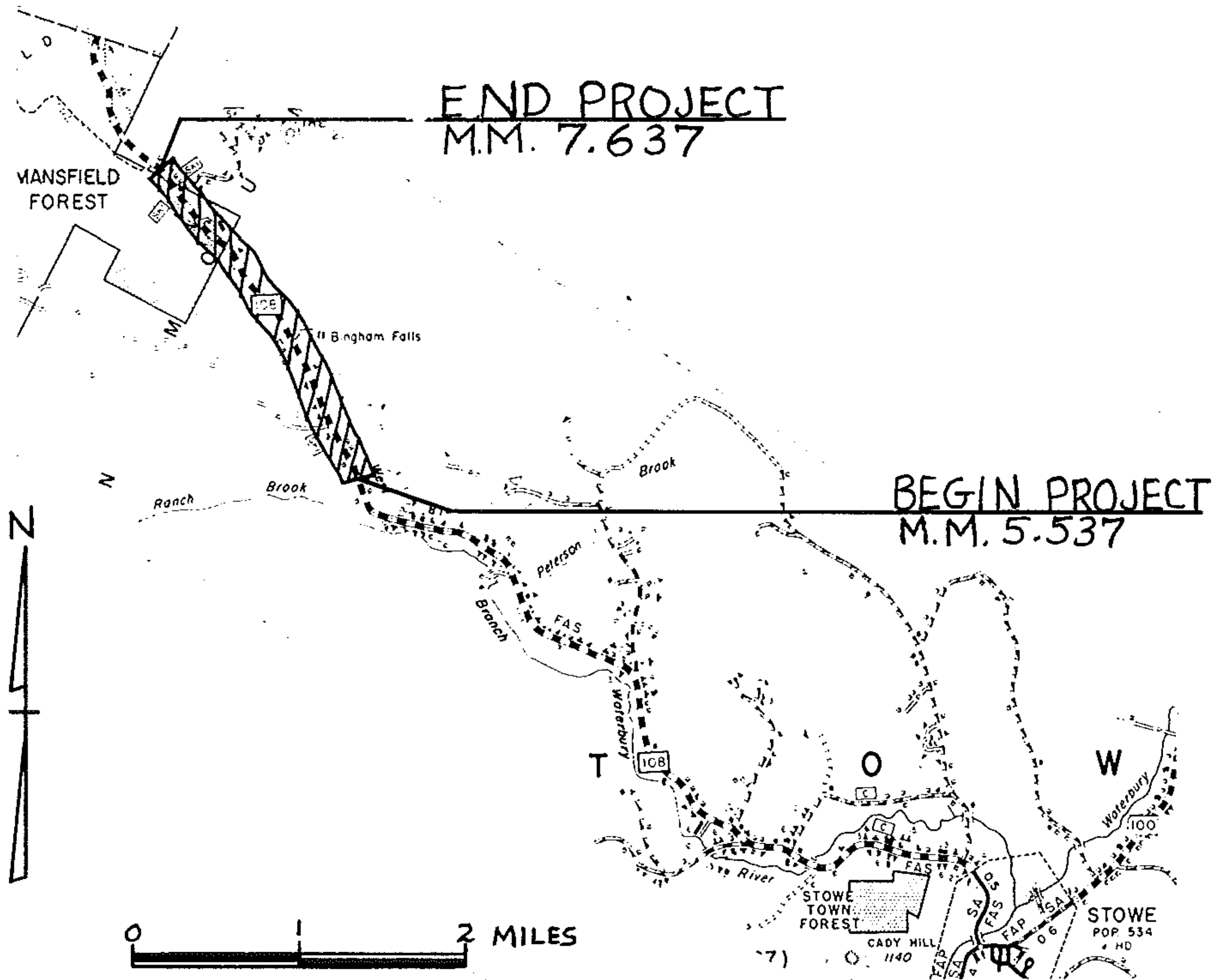
NO. HMA 2865

SHEET 23 OF 30 SHEETS

DESCRIPTION AND LOCATION

PROJECT LENGTH: 2.100 MILES, 11,088. FEET
1986 A.D.T.: 2660

BEGINNING IN THE TOWN OF STOWE ON VT. 108 AT M.M. 5.537 AND EXTENDING NORTHERLY 2.100 MILES TO M.M. 7.637. RESURFACING OF THE HIGHWAY AND ITS APPROACHES, NEW PAVEMENT MARKINGS.



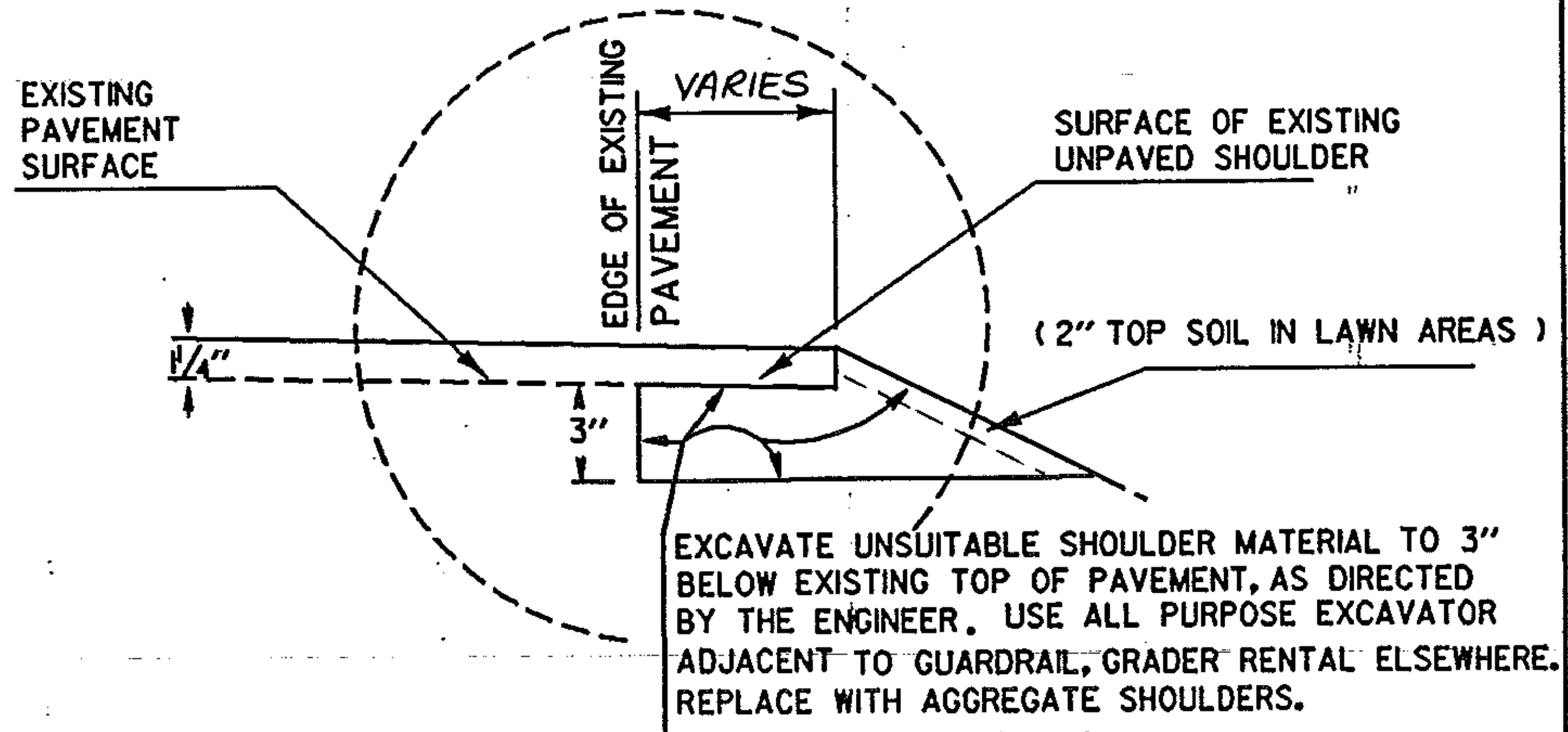
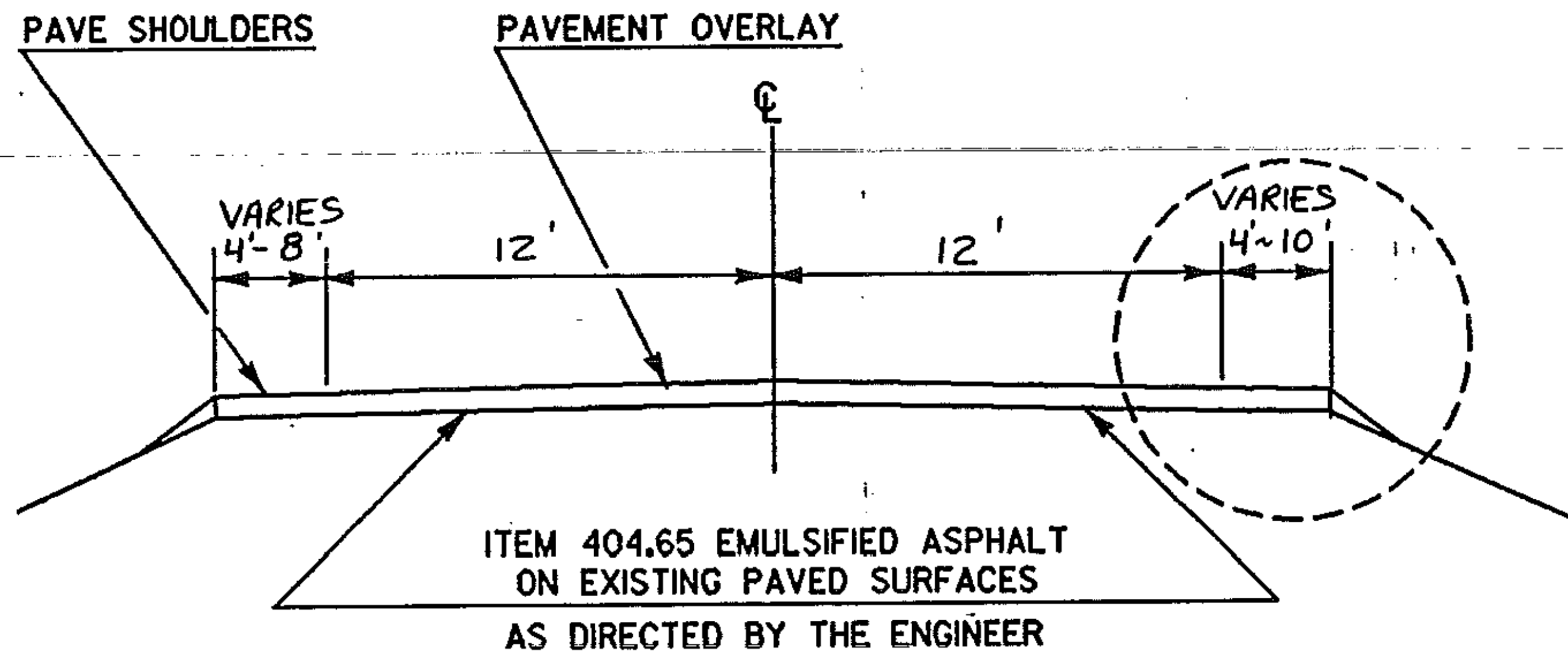
PROJECT STOWE

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SHEET 24 OF 30 SHEETS

TYPICAL SECTIONS & DESIGN DATA

ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT
 AGGREGATE SHOULDERS ($\pm 1/2"$)
 LEVELING COURSE TYPE IV (3/8 TONS/MILE)
 1 1/4" WEARING COURSE TYPE III ($\pm 1/4"$)
 AS DIRECTED BY THE ENGINEER



PROJECT STOWE

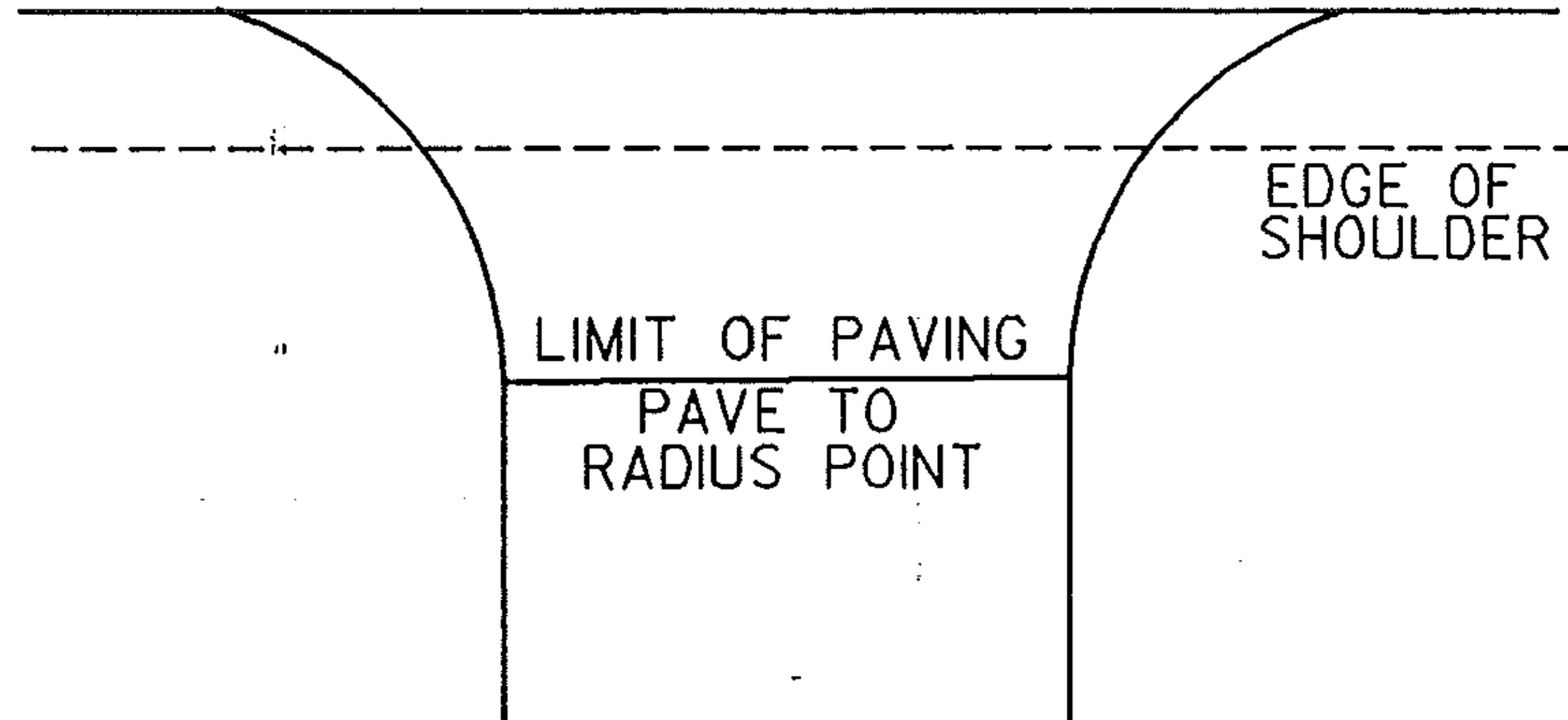
NO. HMA 2865

SHEET 25 OF 30 SHEETS

PAVING LIMITS FOR TOWN ROADS & DRIVES

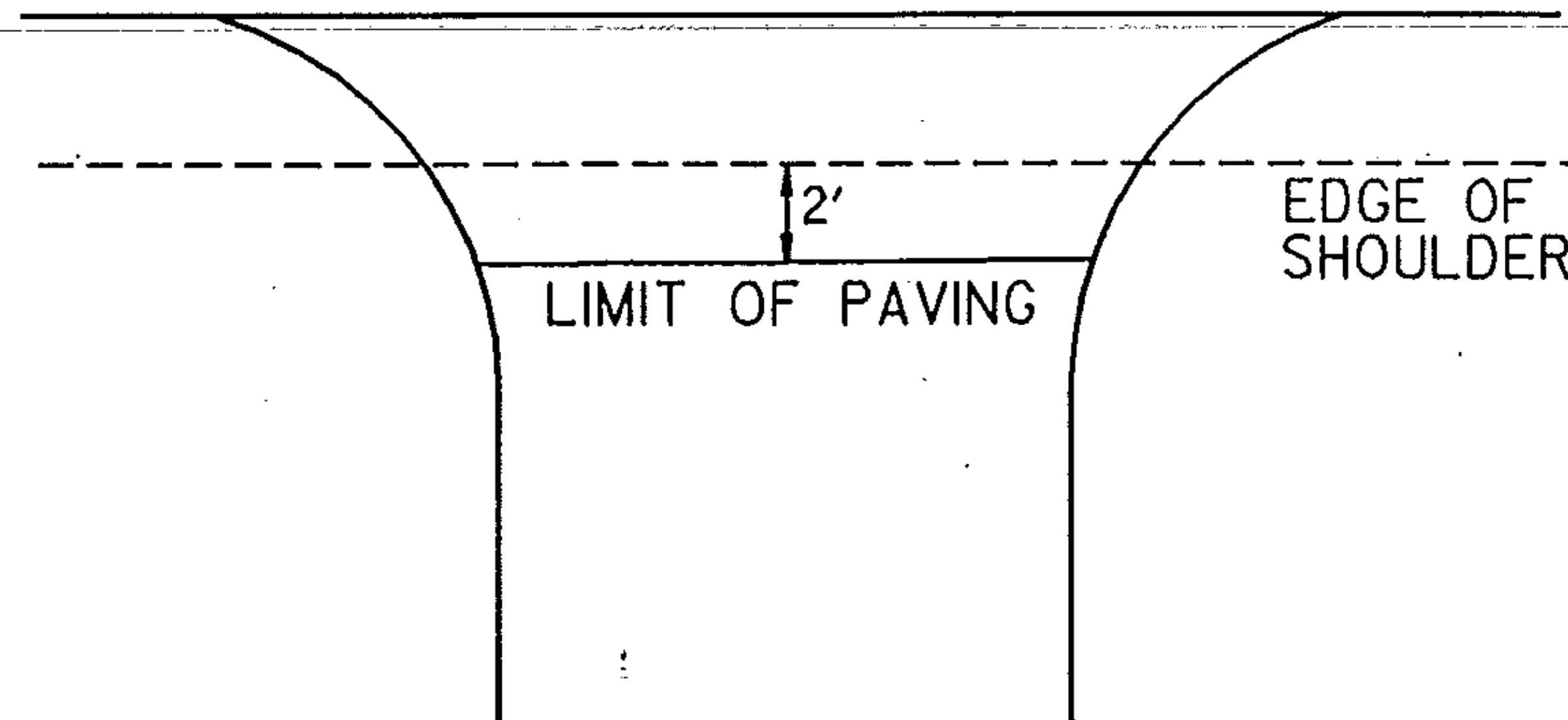
PAVING LIMITS FOR TOWN ROADS

TRAVEL LANE



PAVING LIMITS FOR DRIVES

TRAVEL LANE



PROJECT STOWE

NO. HMA 2865

SHEET 26 OF 30 SHEETS

S = SOLID LINE
 D = DASHED LINE
 TEMPORARY 4" YELLOW LINE

MILE	MILE	LT	RT	QUANTITY LT	QUANTITY CL	QUANTITY RT	TOTALS
5.54	6.23	S	S	3643		3643	7286
6.23	6.35	S	D	634		158	792
6.35	6.48	D	S	172		686	858
6.48	7.60	S	S	5914		5914	11828
SUBTOTAL							20764
ASSUME 100% LOSS @ LEVELING							+ 20764
MINUS 4 roadway openings @ 80' ea x 2 courses							- 640
SUBTOTAL							40888
ROUNDING							112
TOTAL							41000 _L

TEMPORARY 4" WHITE LINE

MILE	MILE	LT.	RT.	QUANTITY LT.	QUANTITY CL	QUANTITY RT.	TOTALS
5.54	7.60	S	S	10877		10877	21754

PROJECT STOWE

NO. HMA 2865

SHEET 27 OF 30 SHEETS

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.

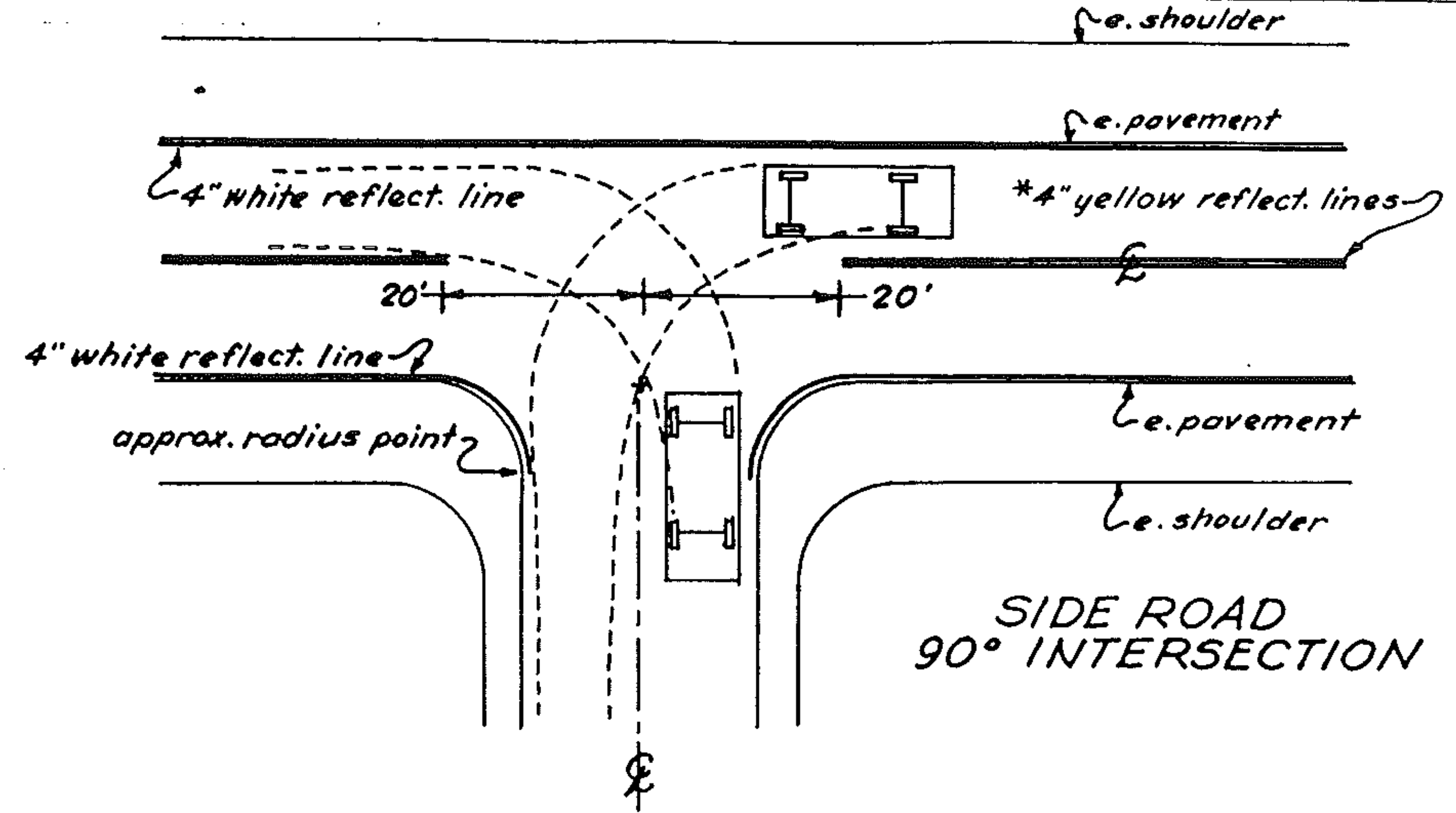
DASHED LINE
FOUR RETRO-REFLECTIVE RPM'S ON 3 1/2 FOOT CENTERS WITH A 30' GAP.

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

STOWE HMA 2865 SHEET 28 OF 30 SHEETS



* 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.

