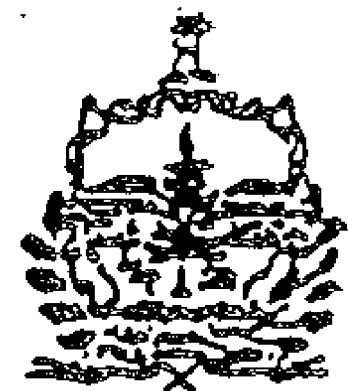


STATE OF VERMONT
AGENCY OF TRANSPORTATION



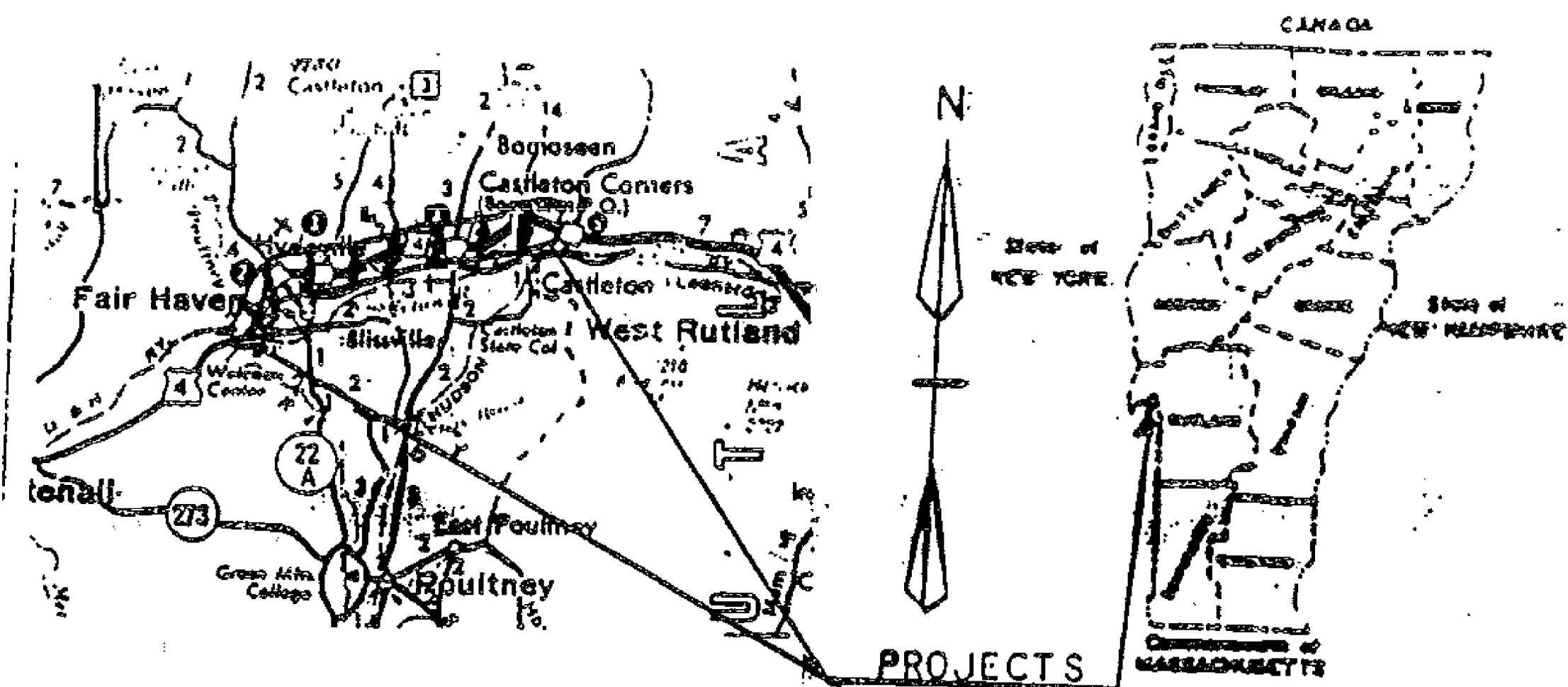
CONTRACT PLANS

THESE PLANS DO NOT REFLECT CHANGES MADE
ON THE PROJECT AS "RECORD PLANS" WOULD.

PROPOSED IMPROVEMENT

RESURFACING PROJECT

TOWN OF: FAIRHAVEN-CASTLETON
 COUNTY OF: RUTLAND
 ROUTE NO: US-4, JUGHANDLE, VT4A, WELCOME CENTER
 ROUTE CLASS: FAP



Date: SEP 18 1985.
Cooley Asphalt Paving
 Contractor
Wilfred A. Laprade
 Signature
President
 Title
Jesse C. Compton
 Transportation Secretary's Signature

SEE SHEET 2-2A FOR INDEX

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 issued
 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.

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD	
APPROVED <u>Frank H. Smith</u>	DATE <u>JUN 5 1985</u>
DIRECTOR OF ENGINEERING AND CONSTRUCTION	
DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
APPROVED _____	DATE _____
DIVISION ADMINISTRATOR	
PROJECT NO. <u>F 020-1(16)</u> <u>RS-0142(14)</u>	
SHEET 1 OF 40 SHEETS	

FAIR HAVEN - CASTLETON FOZO-1(16)

- 4. PROJECT DESCRIPTION AND LOCATION
- 5.-11. TYPICAL SECTIONS AND DESIGN DATA
- 12,13,13A PROJECT LENGTHS AND ITEM QUANTITIES
- 14 CENTERLINE DETAILS
- 15.-17. RAMP MARKING DIAGRAMS
- 18. DIAGRAM OF WELCOME CENTER
- 19. RAMP DETAILS
- 19.A SIGN DETAILS

FAIR HAVEN JUGHANDLE RS 0142 (14)

- 20. PROJECT DESCRIPTION AND LOCATION
- 21. TYPICAL SECTIONS AND DESIGN DATA
- 22.-22A PROJECT LENGTHS AND ITEM QUANTITIES
- 23 GUIDELINES FOR MINIMUM PAVEMENT MARKING
- 24 STOP BAR DETAILS
- 25 GORE MARKING DETAILS

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- 29 STANDARD SHEET E-4 3-4-81R
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NO. FOZO-1(16)
RS 0142 (14)

PROJECT FAIR HAVEN - CASTLETON

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STANDARD

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E-50

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MAINLINE TRAFFIC CONTROL PLAN

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MAINLINE TRAFFIC CONTROL SIGN SUMMARY

38

TRAFFIC CONTROL TYPICAL FOR CONSTRUCTION

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39

CONSTRUCTION VEHICLE TURNING SIGN SUMMARY

40

TRAFFIC CONTROL SIGN SUMMARY FOR RAMPS

PROJECT FAIR HAVEN - CASTLETON

NO. F020 -1 (16)
RS 0142 (14)

SHEET 2A OF 40 SHEETS

PROJECT LENGTHS AND ITEM QUANTITIES

ITEM DESCRIPTION	OPTION														
	6E3.10 LEAVEN	402.10 OFFICIAL DEPTH	402.11 TOPSOIL	404.05 GRAVEL SHOULDERS	406.25 GRAVEL SHOULDERS	608.25 EMULSIFIED ASPHALT	608.30 RTT-110US CONCRTE PAV	630.10 GARGE FLEX OF CR	630.15 ALT PIPESE EXC	646 ENTON					
ITEM NUMBER	FEET	FT	INCH	CY	TON	CYF	TON	EA	HR	HR	HR	HR	HR	IS	IF
F020-1(16)S				375	3035	5025	460	36945	20	20	145	1475	1475	.97	131200
RS 0142(14)				5	40	60	1	80	1	5	1	2	2	.01	—
TOTALS				380	3075	5085	461	37025	21	25	146	1477	1477	1	131200

COMPOSITE PROJECT FAIR HAYEN - CASTLETON NUMBER F020-1(16)S RS 0142 (14)

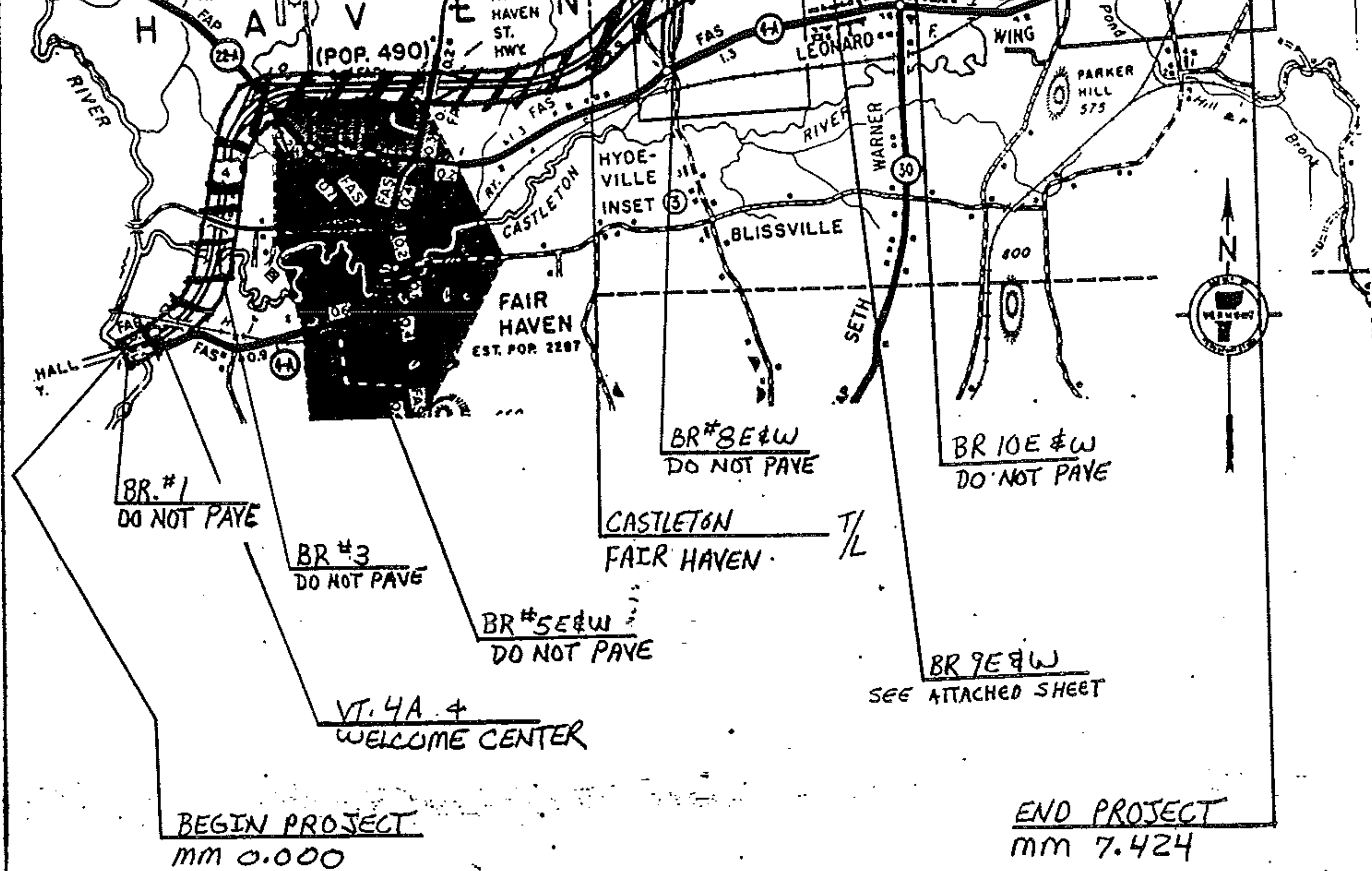
PROJECT LENGTHS AND ITEM QUANTITIES

ITEM DESCRIPTION

DURABLE 8" REFLECTORIZED
DURABLE 24" STOP BAR
DURABLE 24" REFLECTORIZED
DURABLE LETTER IN WORD MARKINGS
TRAFFIC CONTROL
BITUMINOUS SURFACE
TRAFFIC SIGN WITH REFLECTORIZED
TRAFFIC SIGNS, REFLECTORIZED
TRAFFIC SIGNS, STORED
TRAFFIC SIGN POSTS,
REMOVING
TRAFFIC
TRAFFIC TYPE C SIGN POSTS,
REMOVING

ITEM NO	646.62	646.64	646.66	641-10	404.40	646.60	675.20	675.37	675.53	675.35	646
UNIT	LF.	LF.	EA.	LS	CWT	LF	SF.	LB.	EA.	LB.	LF
LOCATION											
F020-1(16)S	6750	320	30	1	2300	6950	195.3	325	34	75	72
RS0142 (14)	265	16	4	—	—	450	—	—	—	—	4
TOTALS	7015	336	34	1	2300	7400	195.3	325	34	75	7

COMPOSITE PROJECT FAIR HAVEN - CASTLETON NO. RS 0142 (14) F020-1(16)S

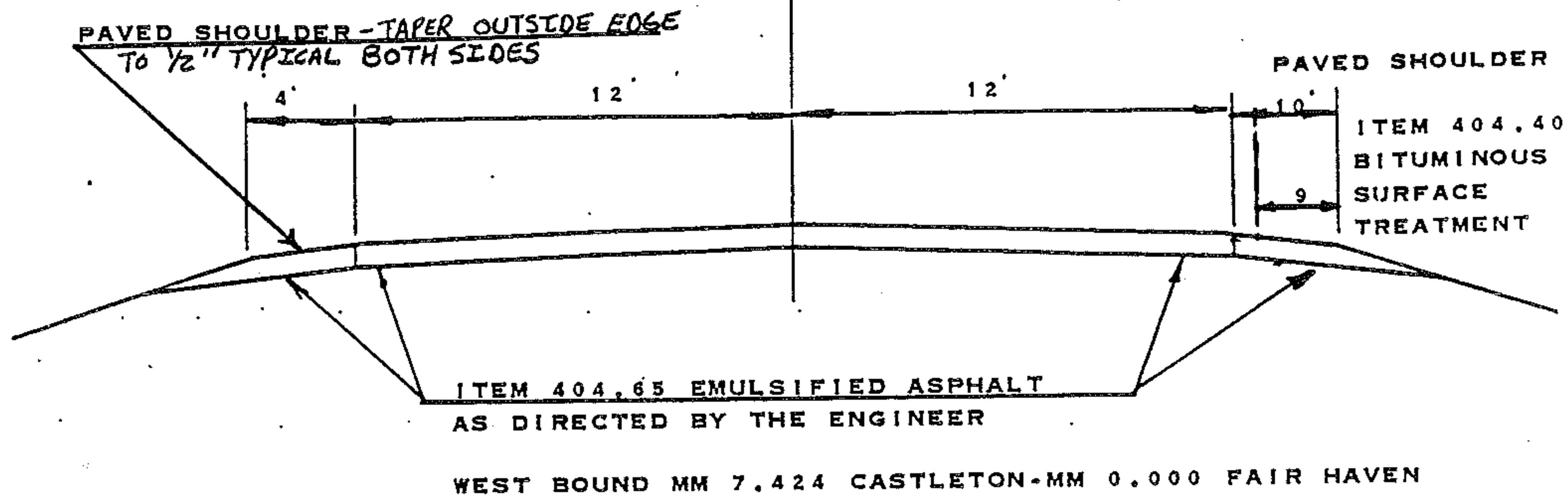


US 4 BEGINNING AT THE NY-VT BORDER (MM 0.000) AND EXTENDING
 EASTERLY 7.424 miles (MM 7.424) IN TO CASTLETON, EAST + WEST BOUND LANES.
 VT. 4A, BEGINNING AT THE JCT OF US 4 + VT 4A (MM 0.085) AND EXTENDING
 EASTERLY 0.158 MILES TO MM 0.243, ALSO THE WELCOME CENTER
 AND THE RAMPS & INTERCHANGE NUMBERS 2, 3, AND 4.

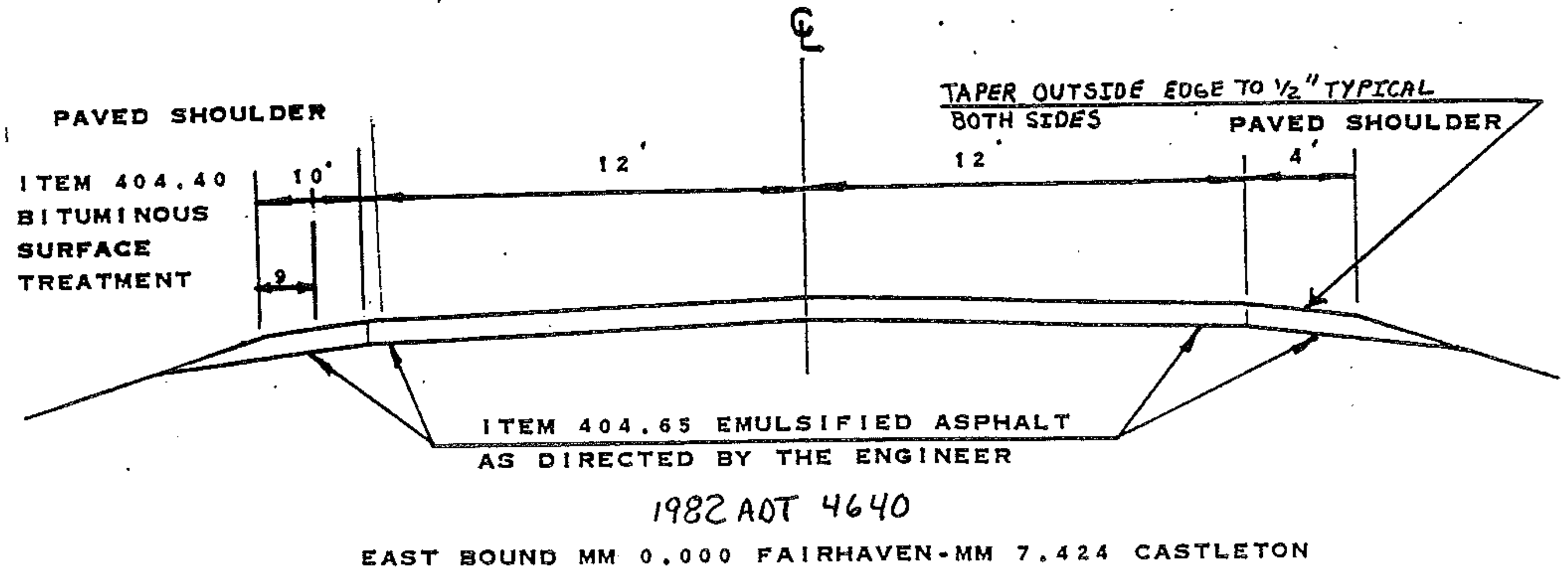
LENGTH OF PROJECT: 54799 FEET
 10.379 MILES

PROJECT FAIR HAVEN - CASTLETON

NO. F020-1(16)
 SHEET 4 OF 40 SHEETS

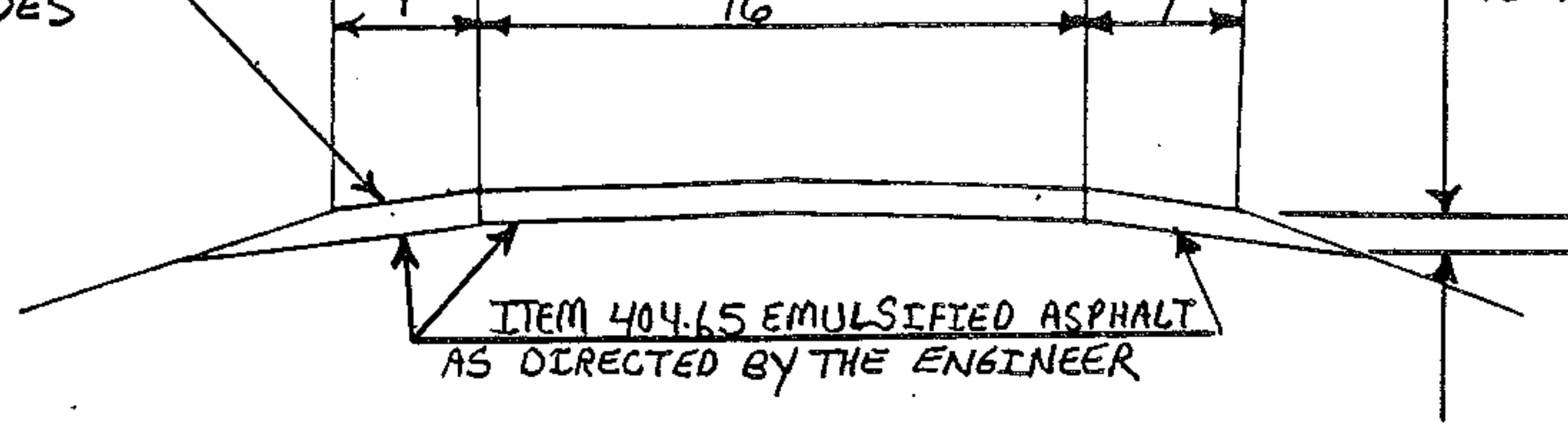


ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT
 LEVELING COURSE TYPE III OR IV 1/2"
 AS DIRECTED BY THE ENGINEER
 1 1/2" WEARING COURSE TYPE III ($\pm 1/4$ ")



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.

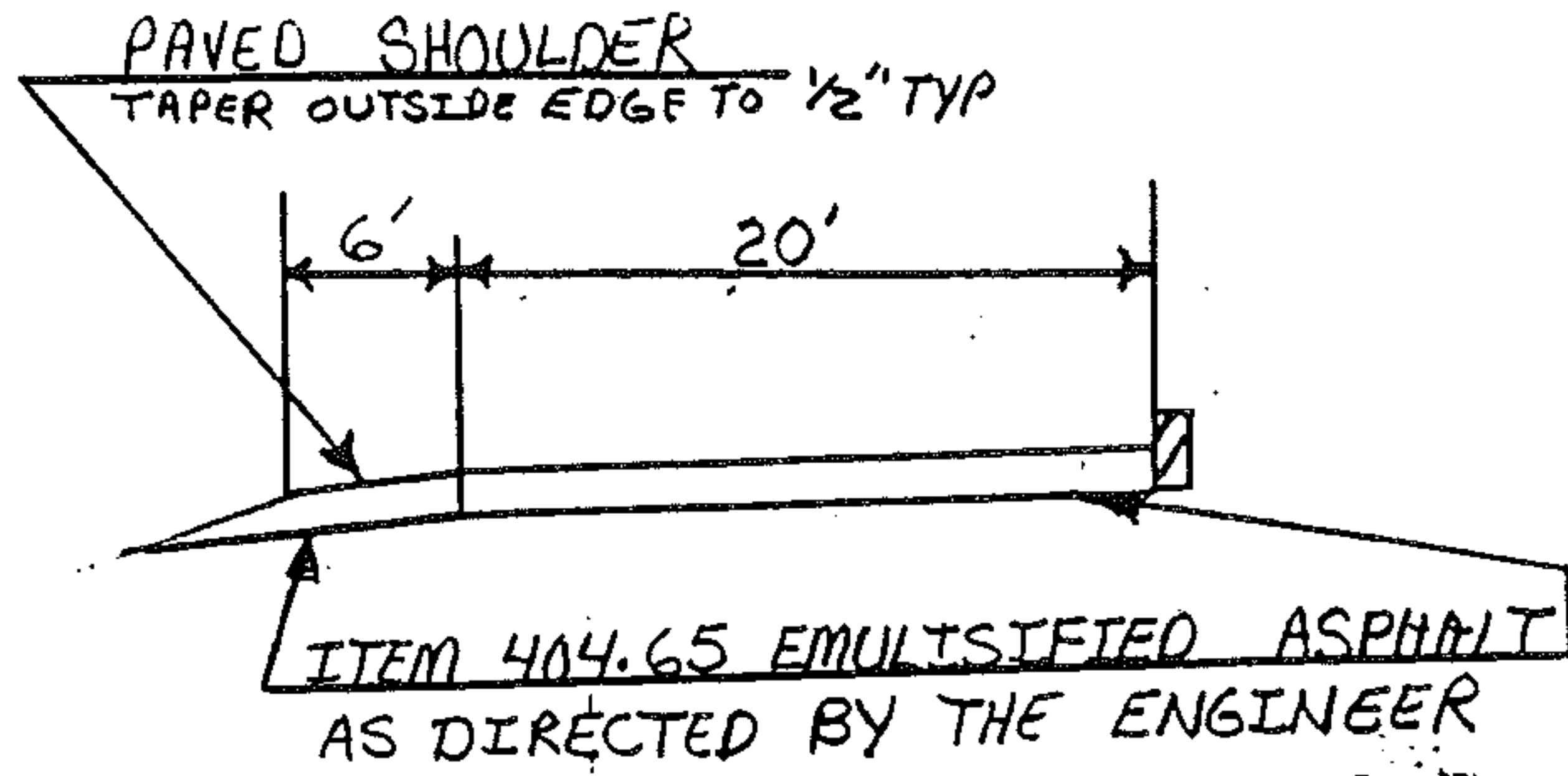
BOTH SIDES



RAMP LETTER	EXCHANGE NUMBER	LENGTH FEET	1982 ADT	LEVEL COURSE DEPTH	LANE	BOTH PAVED SHOULDER WIDTH	WIDTH OF TRAVELWAY	TOWN
E	2	1359	720	1/2"	EAST BOUND	4'	16'	FAIR HAVEN
F	2	1152	240	1/2"	EAST BOUND	4'	16'	FAIR HAVEN
G	2	1613	240	1/2"	WEST BOUND	4'	16'	FAIR HAVEN
H	2	1354	720	1/2"	WEST BOUND	4'	16'	FAIR HAVEN
K	3	1057	345	1/2"	EAST BOUND	4'	16'	FAIR HAVEN
L	3	1236	345	1/2"	WEST BOUND	4'	16'	FAIR HAVEN
N	4	1600	420	1/2"	EAST BOUND	4'	16'	CASTLETON
P	4	1490	1210	1/2"	EAST BOUND	4'	16'	CASTLETON
Q	4	1420	350	1/2"	WEST BOUND	4'	16'	CASTLETON
R	4	1292	1140	1/2"	WEST BOUND	4'	16'	CASTLETON

PROJECT FAIR HAVEN - CASTLETON

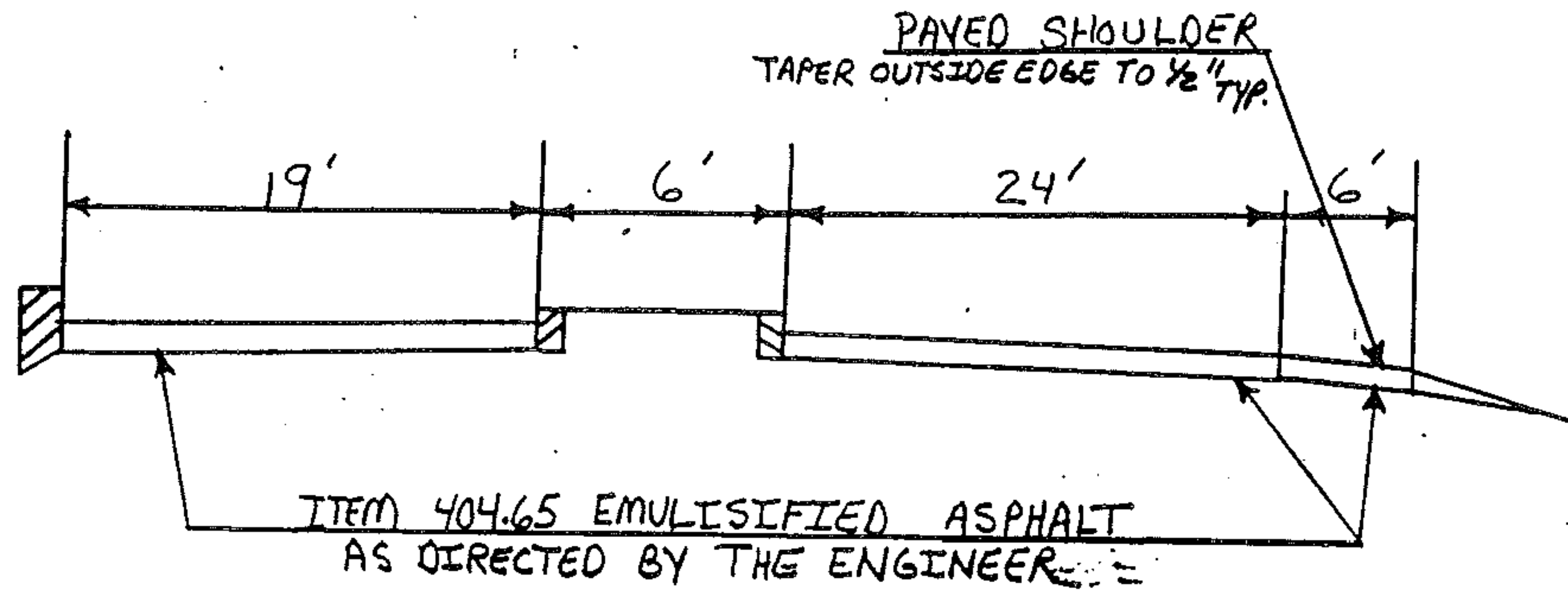
NO. F020-1(16)
SHEET 6 OF 40



VT. 4-A
mm 0.085 ~ 0.093 E.B.

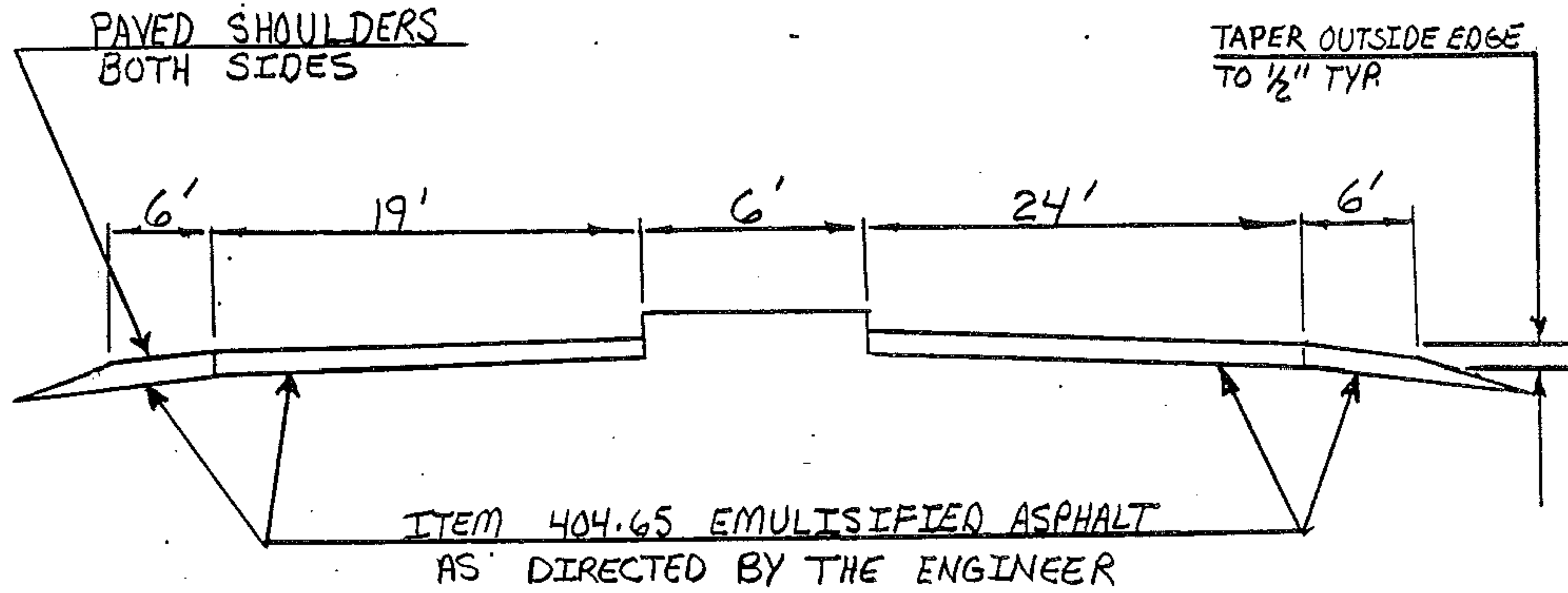
PROJECT FAIR HAVEN - CASTLETON

NO. F020-1(16)
SHEET 7 OF 40



VT. 4A
 mm 0.085 ~ 0.097 W.B.

AS DIRECTED BY THE ENGINEER
3/4" WEARING COURSE TYPE IV



VT. 4-A

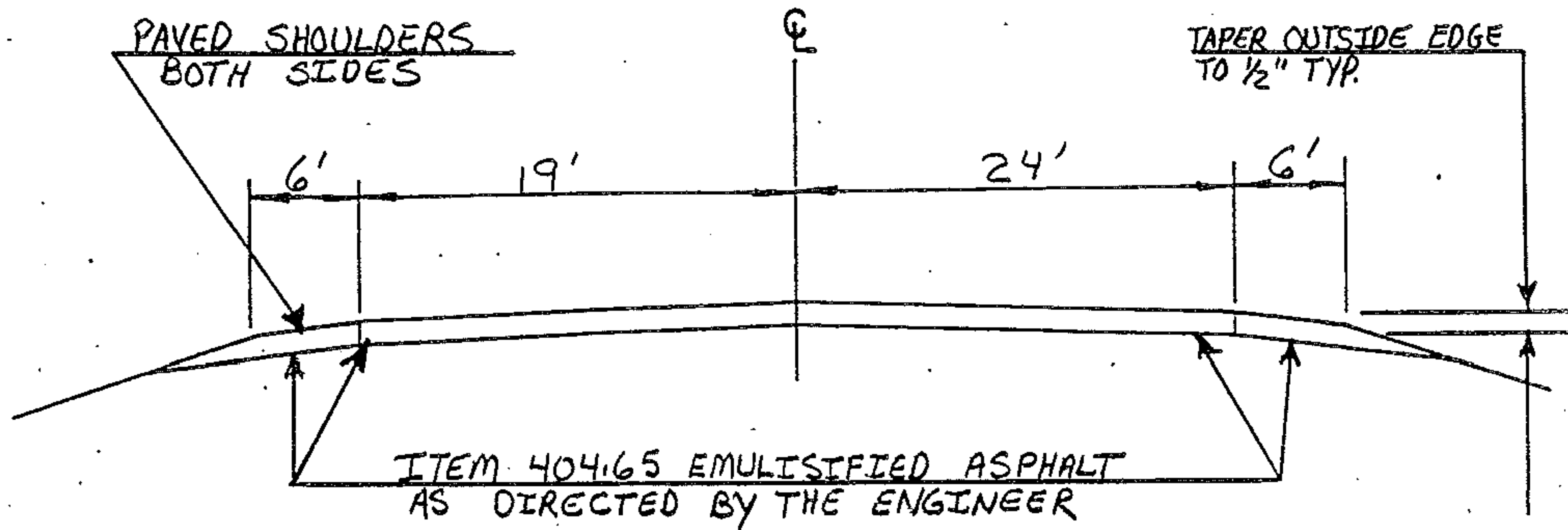
mm 0.097 ~ mm 0.142

PROJECT FAIR HAYEN - CASTLETON

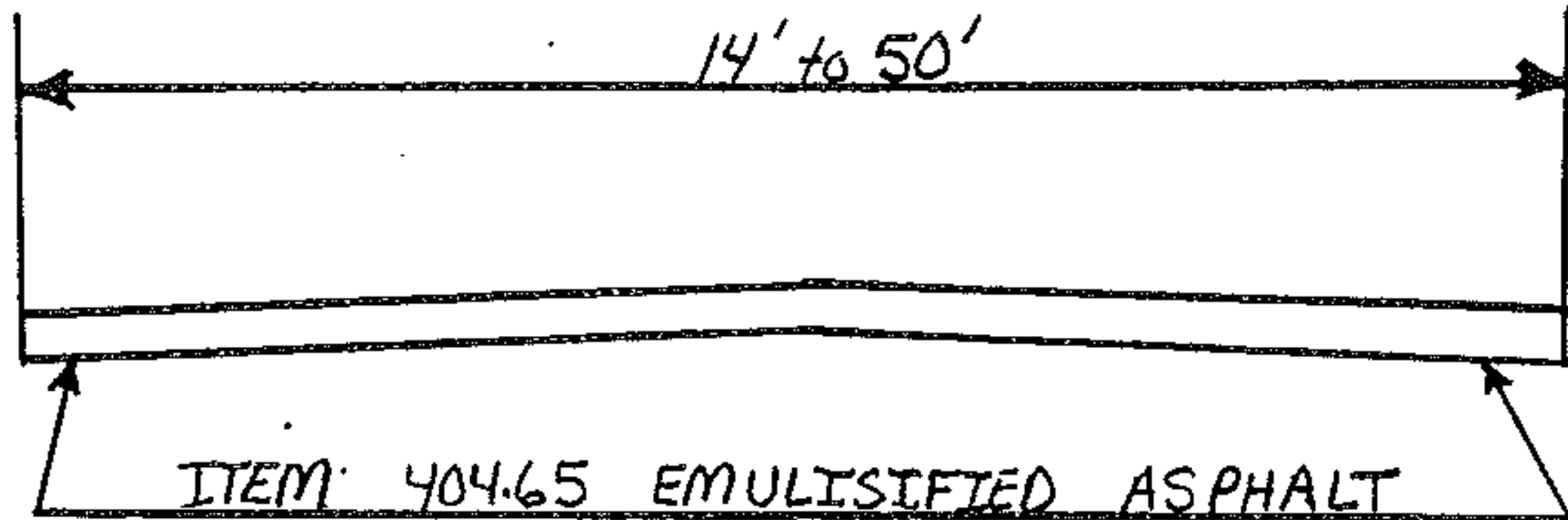
NO. F 020-1(16)

SHEET 9 OF 40 SHEETS

3/4" WEARING COURSE TYPE IV



VT. 4-A
mm 0.142 ~ mm 0.243



LENGTH IN FEET	WIDTH IN FEET	AREA
475	30	BEGIN WELCOME CENTER DRIVE
12	34	WELCOME CENTER 'DRIVE' CONTINUED
20	20	WELCOME CENTER DRIVE MEETS PKG. AREA
160	40	WELCOME CENTER PARKING AREA
186	20	WELCOME CENTER ROAD BETWEEN PKG. AREAS
144	24	WELCOME CENTER ROAD BETWEEN PKG. AREAS
146	50	WELCOME CENTER PARKING AREA
50	14	PARKING AREA DRIVE MEETS DRIVE COMING IN

WELCOME CENTER

PROJECT FAIR HAVEN - CASTLETON

NO. F020-1(16)

SHEET 11 OF 40 SHEETS

ITEM NUMBER	LEI	WID	OVER	GRAV	GRAV	GRAV	EMUL	EMUL	C.HAN	ALL PC	REIN	POWER	
				402.	402.	404.	404.	406.	604.	608.	608.		
				10	11	40	65	25	40	25	30		
UNIT	FT.	FT.	IN.	CY	TON	CWT	CWT	TON	EA.	HR.	HR.		
LOCATION													
FAIR HAVEN-CASTLETON US4 E.B. 0.000~7.424	39198	24	1 1/2	1451	2395	1140	130	8711	2	5	59		4' SHOULDER LT. 10' SHOULDER RT. 1/2" LEVEL
							76	5081					
								2904					
FAIR HAVEN-CASTLETON US4 W.B. 0.000~7.424	39199	24	1 1/2	1451	2395	1140	130	8711	2	5	59		4' SHOULDER RT. 10' SHOULDER LT. 1/2" LEVEL
							76	5081					
								2904					
RAMPS INT. #2	5478	16	1 1/2				12	812	6	2	8		4' PAVED SHOULDER Both SIDES
								270					
RAMPS INT. #3	2293	16	1 1/2				5	340	0	1	4		4' PAVED SHOULDER Both SIDES
								113					
RAMPS INT. #4	5802	16	1 1/2				13	860	6	2	9		4' PAVED SHOULDER Both SIDES
								286					
VT. 4A + WELCOME CENTER	2029	VARY	VARY	100	175		12	630	-	1	3		
PROJECT EST.				23	40	20	3	120	2	2	2		
ROUNDING				10	20	-	3	122	2	2	1		
TOTALS				3035	5025	2300	460	36945	20	20	145		

PROJECT FAIR HAVEN-CASTLETON

NO. F020 -1(16)

SHEET 12 OF 40 SHEETS

ITEM NUMBER	630.	630.	635.	646.	646.	646.	641.	646.	646.	646.	653.
UNIT	10	15	10	35	36	62	10	64	66	60	10
LOCATION	HR.	HR.	LS.	LF	LF	LF	LS	LF	EA	LF	CY
FAIR HAVEN-CASTLETON US 4 EASTBOUND mm 0.000 ~ 7.424	668	668	0.42	58799	39275						150
FAIR HAVEN-CASTLETON US 4 WESTBOUND mm 0.000 ~ 7.424	668	668	0.42	58799	39275						150
RAMPS INT. #2	43	43	0.06	5485	3970	2215		77		1295	10
RAMPS INT. #3	18	18	0.02	2300	1800	1940		24		1080	5
RAMPS INT. #4	46	46	0.06	5810	4330	3035		102		810	10
VT 4A WELCOME CENTER	23	23	0.02	-	-	535		110	30	3750	25
PROJECT EST.	4	4		-	-	25		7		-	10
ROUNDING	5	5		7	-	-		-		15	15
TOTALS	1475	1475	0.91	131200	88650	6750	1	320	30	6950	375

PROJECT FAIR HAVEN - CASTLETON

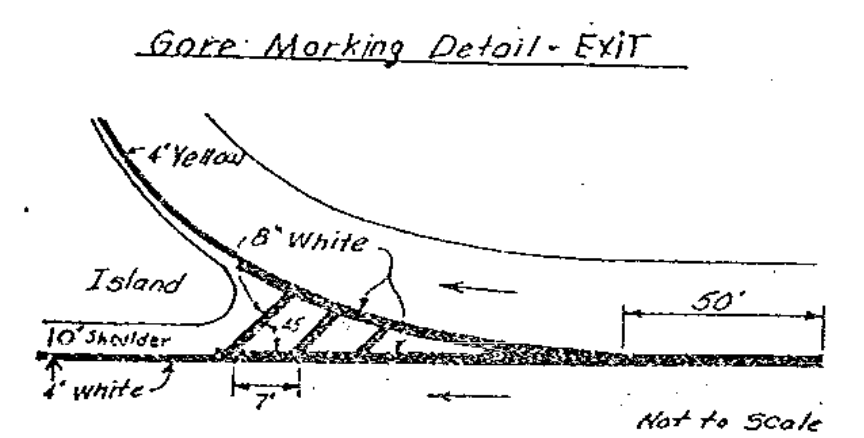
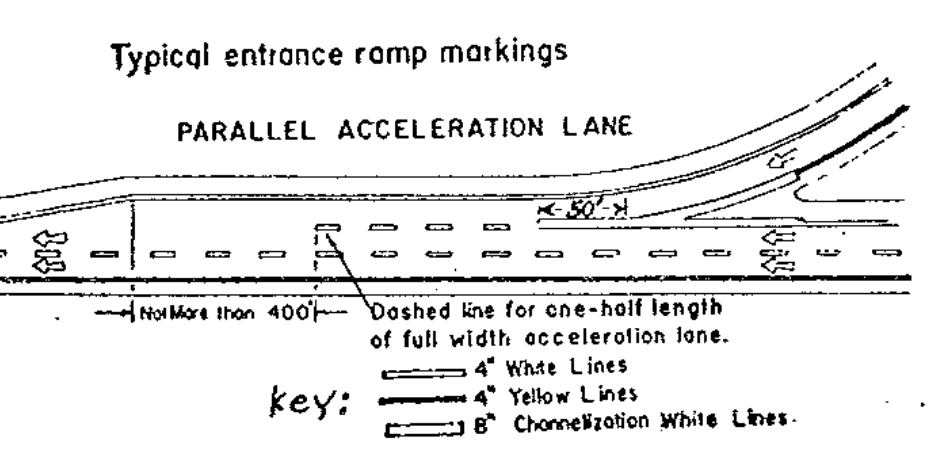
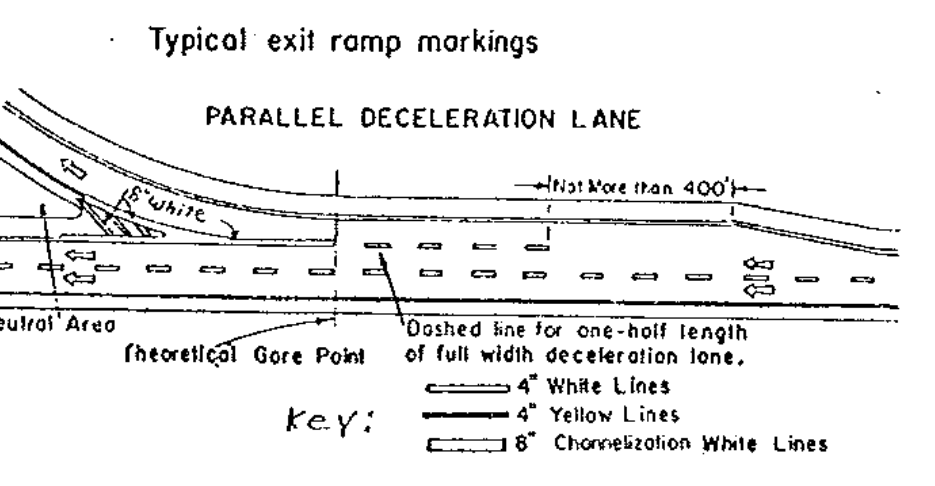
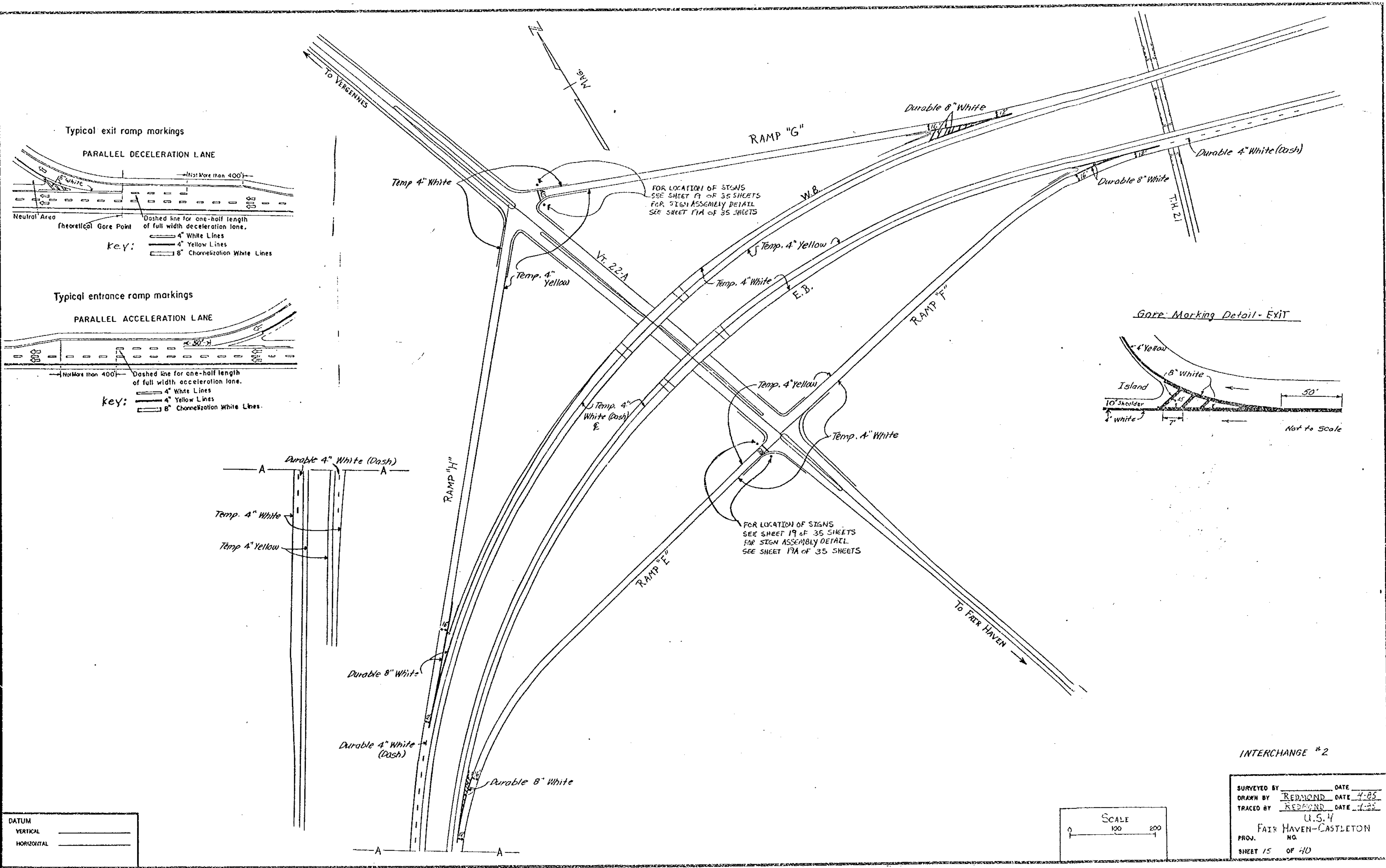
NO. F020-1(16)

SHEET 13 OF 40 SHEETS

RAMPS	10 100
TOTAL	88650

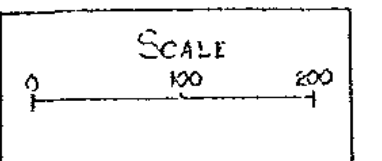
TEMPORARY 4" REFLECTORIZED WHITE LINE

0.000	7.424	39199	9800	48999
7.424	0.000	39199	9800	48999
RAMPS				13575
100% Lost IN Leveling 19600				19600
ROUNDING				7
TOTAL				131200

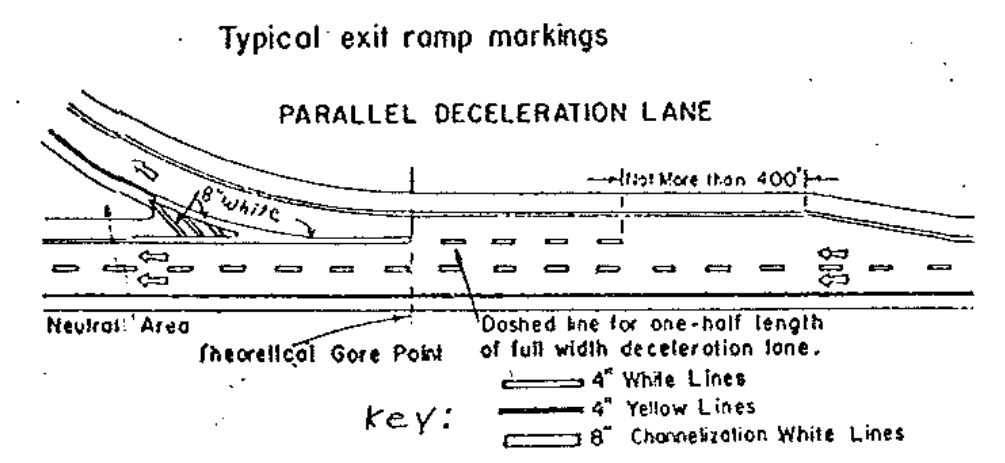
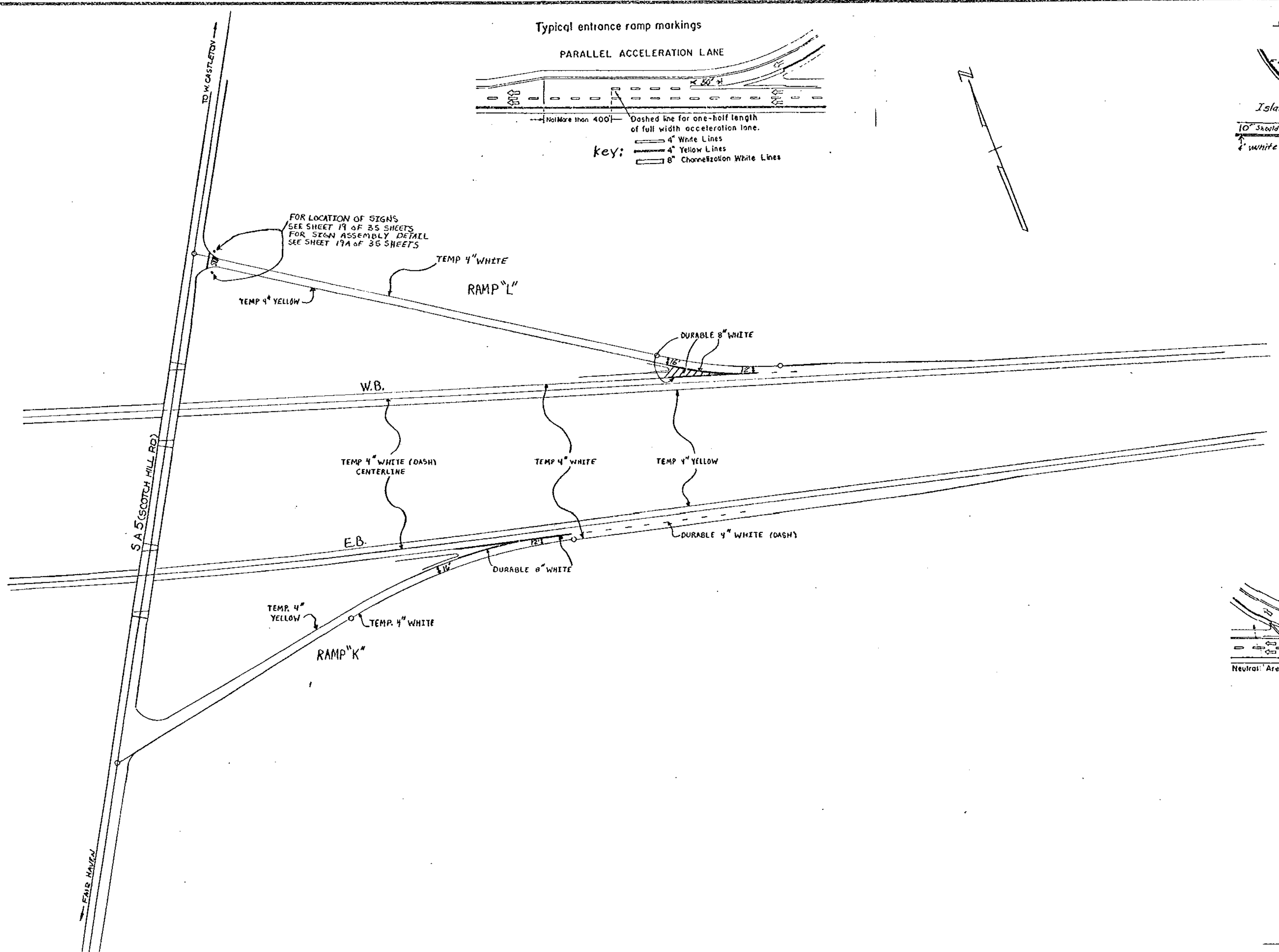
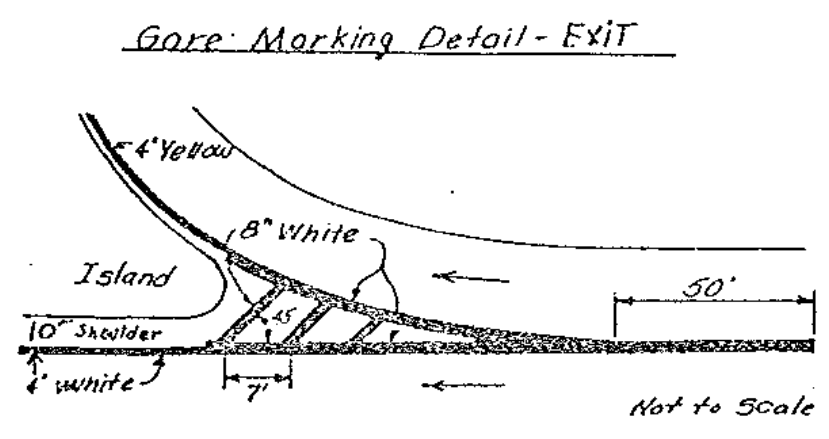
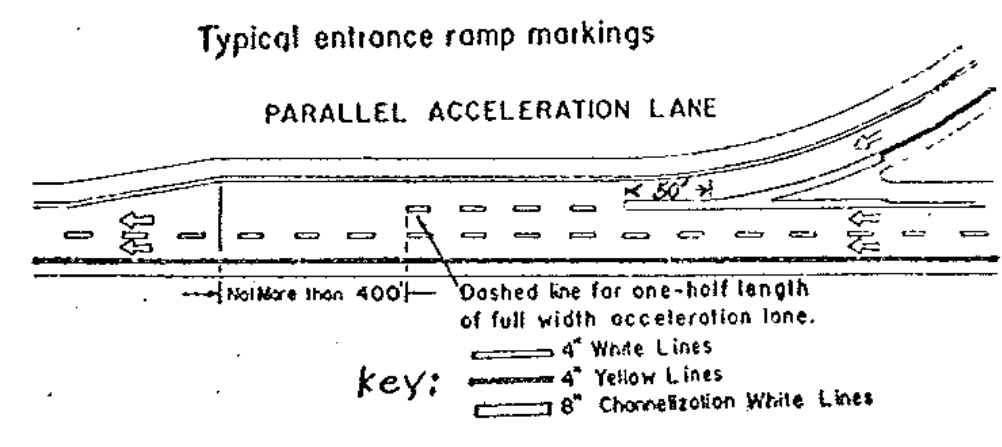


INTERCHANGE #2

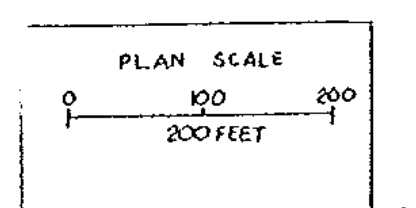
SURVEYED BY _____ DATE _____
 DRAWN BY REDMOND DATE 7-85
 TRACED BY REDMOND DATE 1-85
 U.S. 4
 FAIR HAVEN-CASTLETON
 PROJ. NO.
 SHEET 15 OF 40



DATUM
 VERTICAL _____
 HORIZONTAL _____

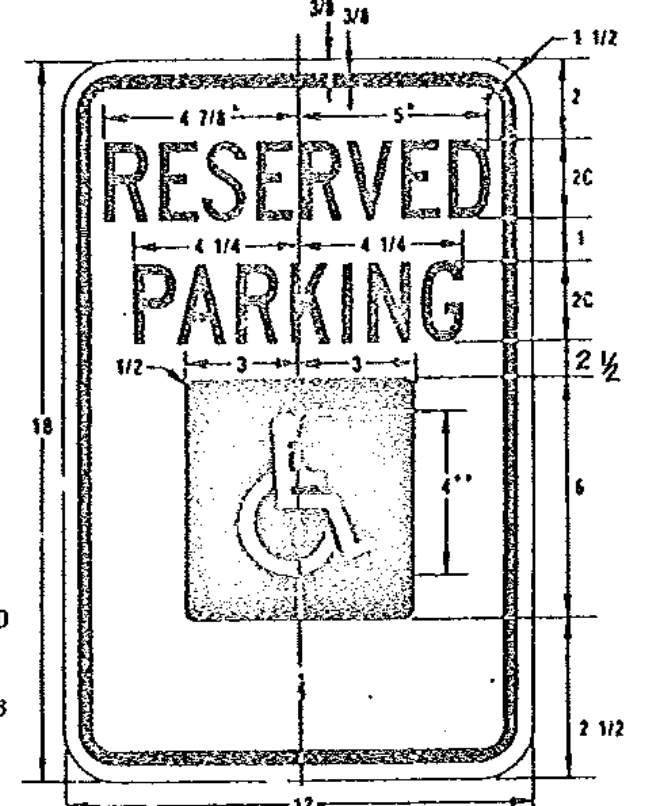
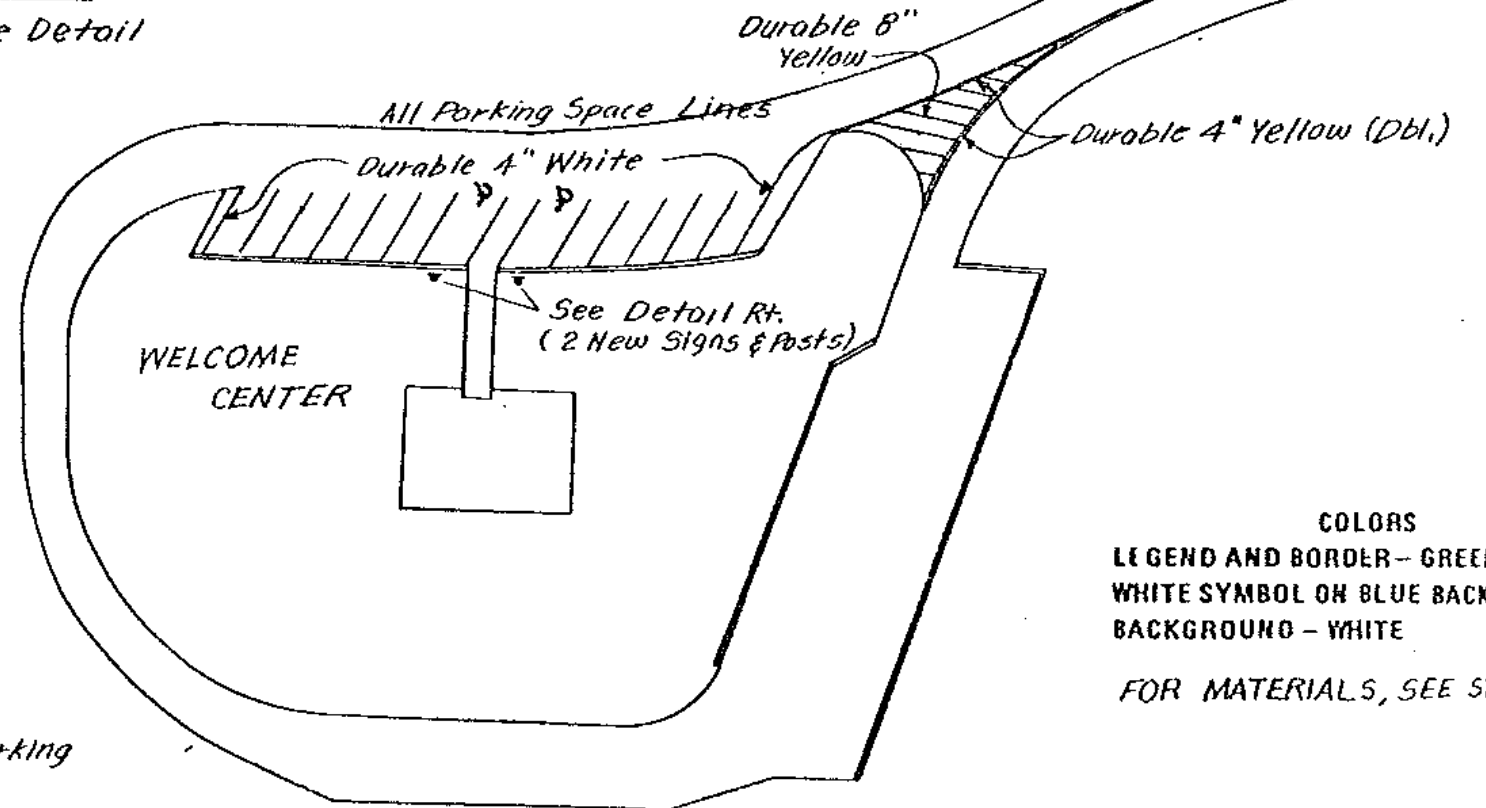
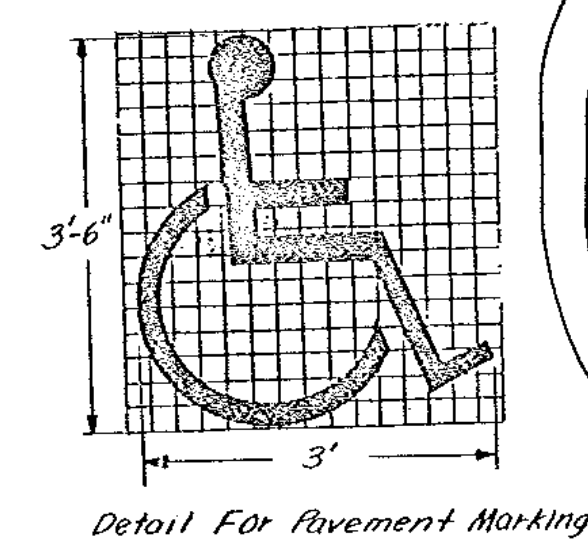
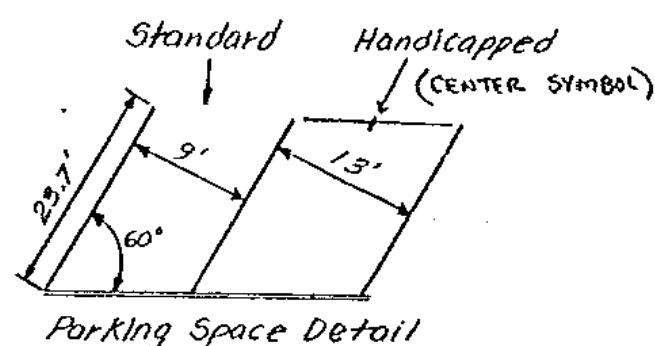
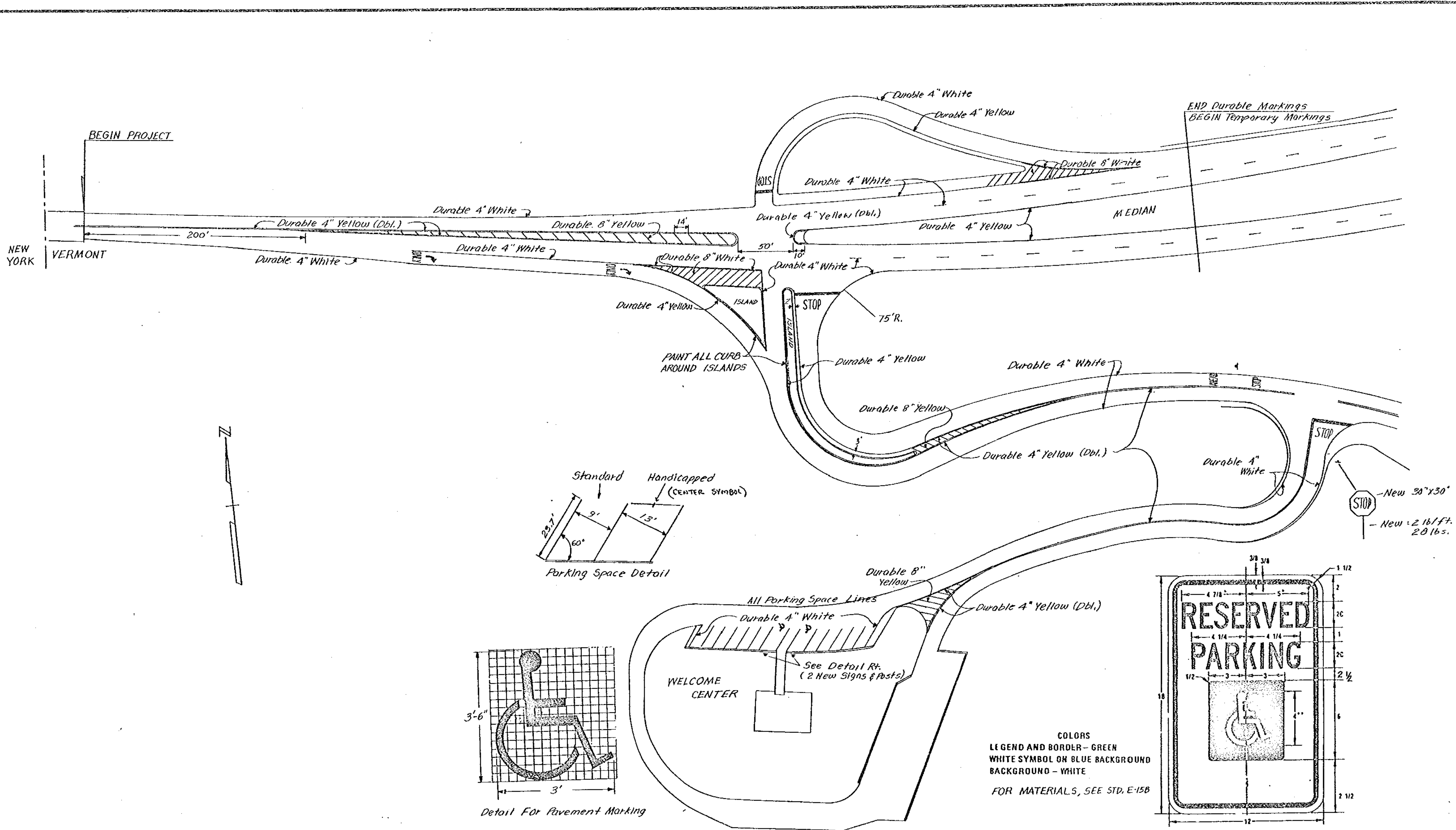


INTERCHANGE #3
 US ROUTE 4
 FAIR HAVEN-CASTLETON



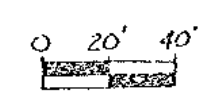
SURVEYED BY _____	DATE _____
DRAWN BY _____	DATE _____
TRACED BY <u>E. BAUTELLE</u>	DATE _____
PROJ. NO.	
SHEET 16	OF 40

DATUM	_____
VERTICAL	_____
HORIZONTAL	_____

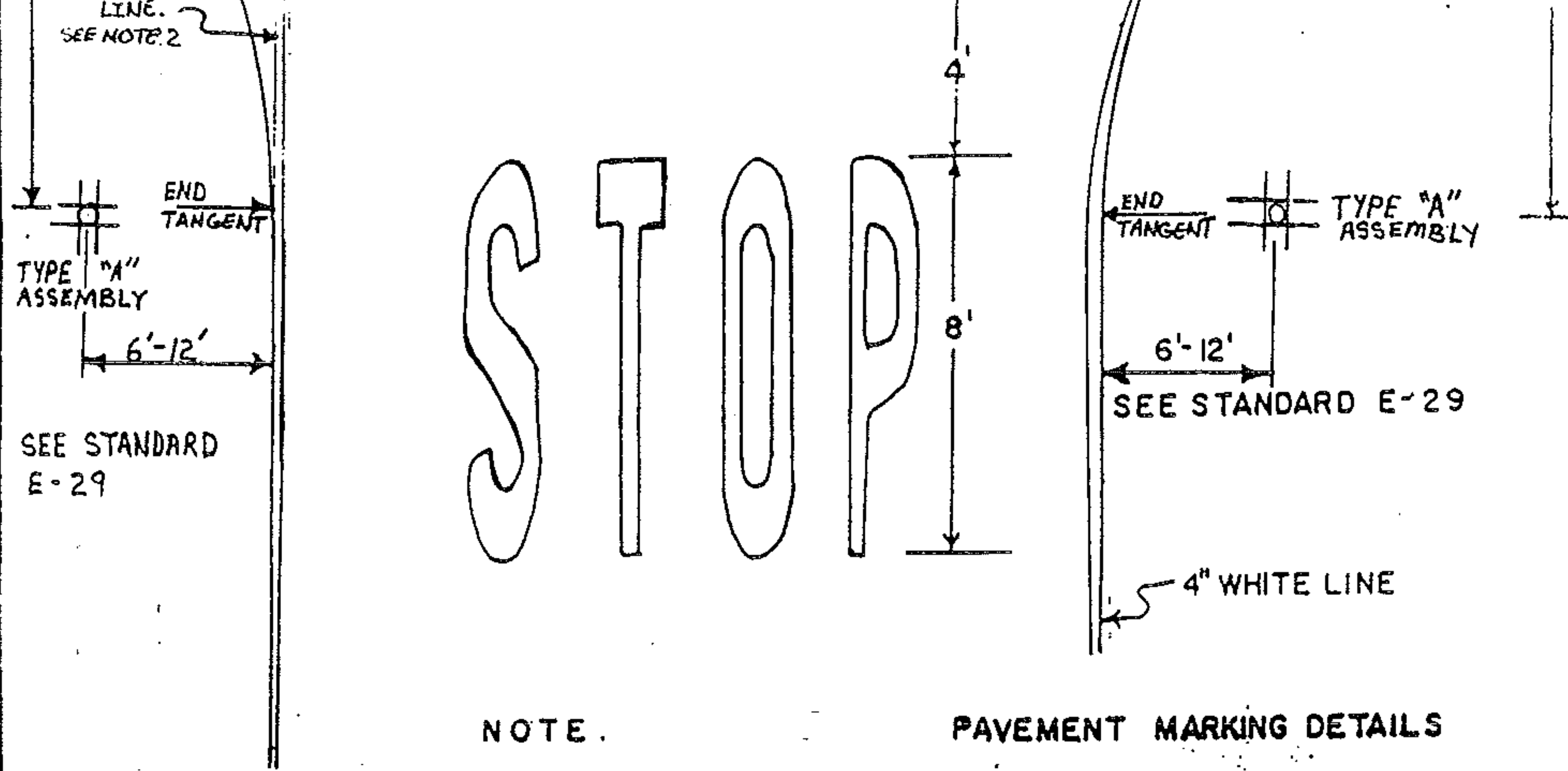


COLORS
LEGEND AND BORDER - GREEN
WHITE SYMBOL ON BLUE BACKGROUND
BACKGROUND - WHITE
FOR MATERIALS, SEE STD. E-15B

SURVEYED BY _____ DATE _____
DRAWN BY 7B DATE 5-85
TRACED BY _____ DATE _____
FAIR HAVEN - CASTLETON
PROJ. NO. 020-1(16)
SHEET 18 OF 40



DATUM _____
VERTICAL _____
HORIZONTAL _____



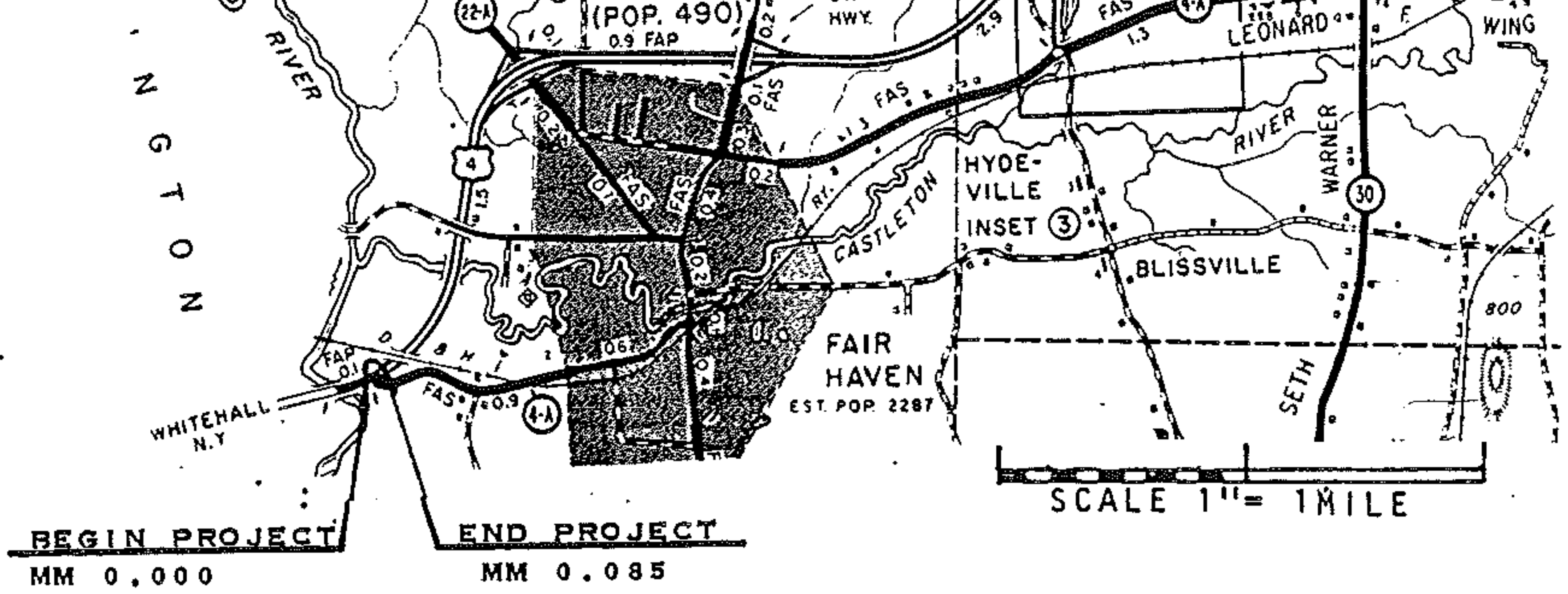
NOTE. PAVEMENT MARKING DETAILS

1. THE STOP LINE SHOULD BE PLACED AT THE DESIRED STOPPING POINT, IN NO CASE MORE THAN 30 FEET OR LESS THAN 4' FROM THE NEAREST EDGE OF THE INTERSECTING ROADWAY.
2. THE 4" YELLOW LINE IS TO BE ON TANGENT AND IS TO INTERSECT THE ROADWAY EDGE AT THE RESULTING ANGLE. USE OF A RADIUS AT THIS EDGE LINE JUNCTION SHOULD BE AVOIDED IF POSSIBLE.

PAVEMENT MARKING & SIGN LOCATION DETAILS

PROJECT FAIR HAVEN - CASTLETON US4

NO F020-1(16)
SHEET 19 OF 40 SHEETS



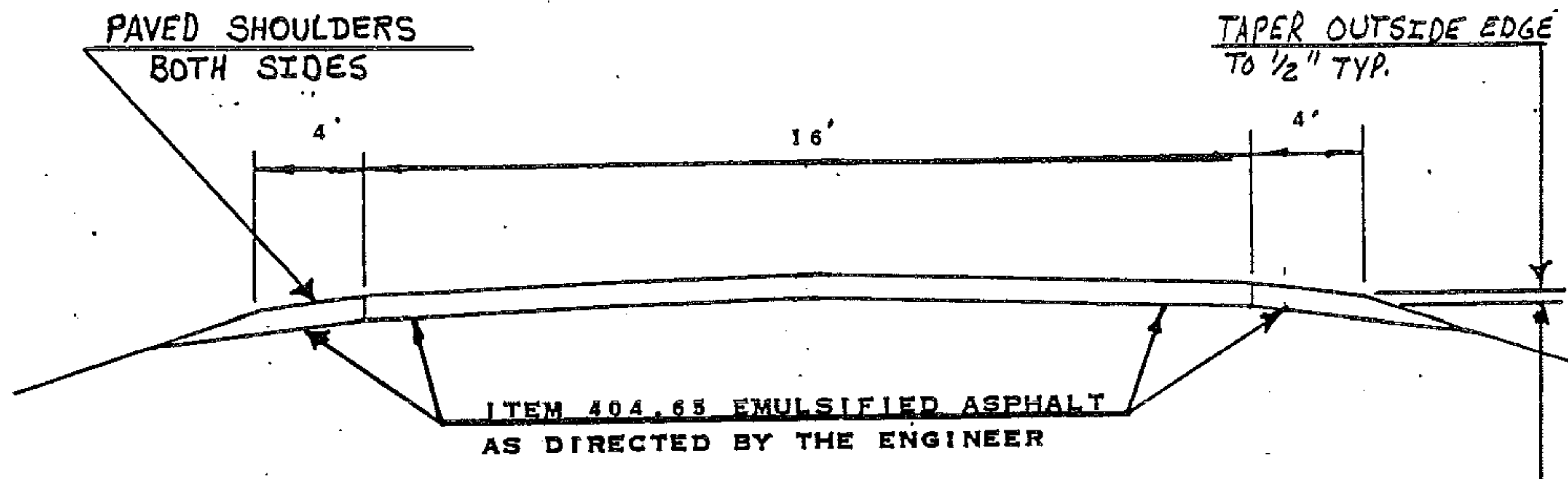
VT 4-A JUGHANDLE - BEGINNING AT THE JUNCTION OF VT 4A AT MM 0.000 AND EXTENDING EASTERLY 0.085 MILES TO MM 0.085 THE JUNCTION OF US-4

LENGTH OF PROJECT
0.085 MILES
450 FEET

PROJECT FAIRHAVEN JUGHANDLE

NO. RS (142(14))

SHEET 20 OF 40 SHEETS

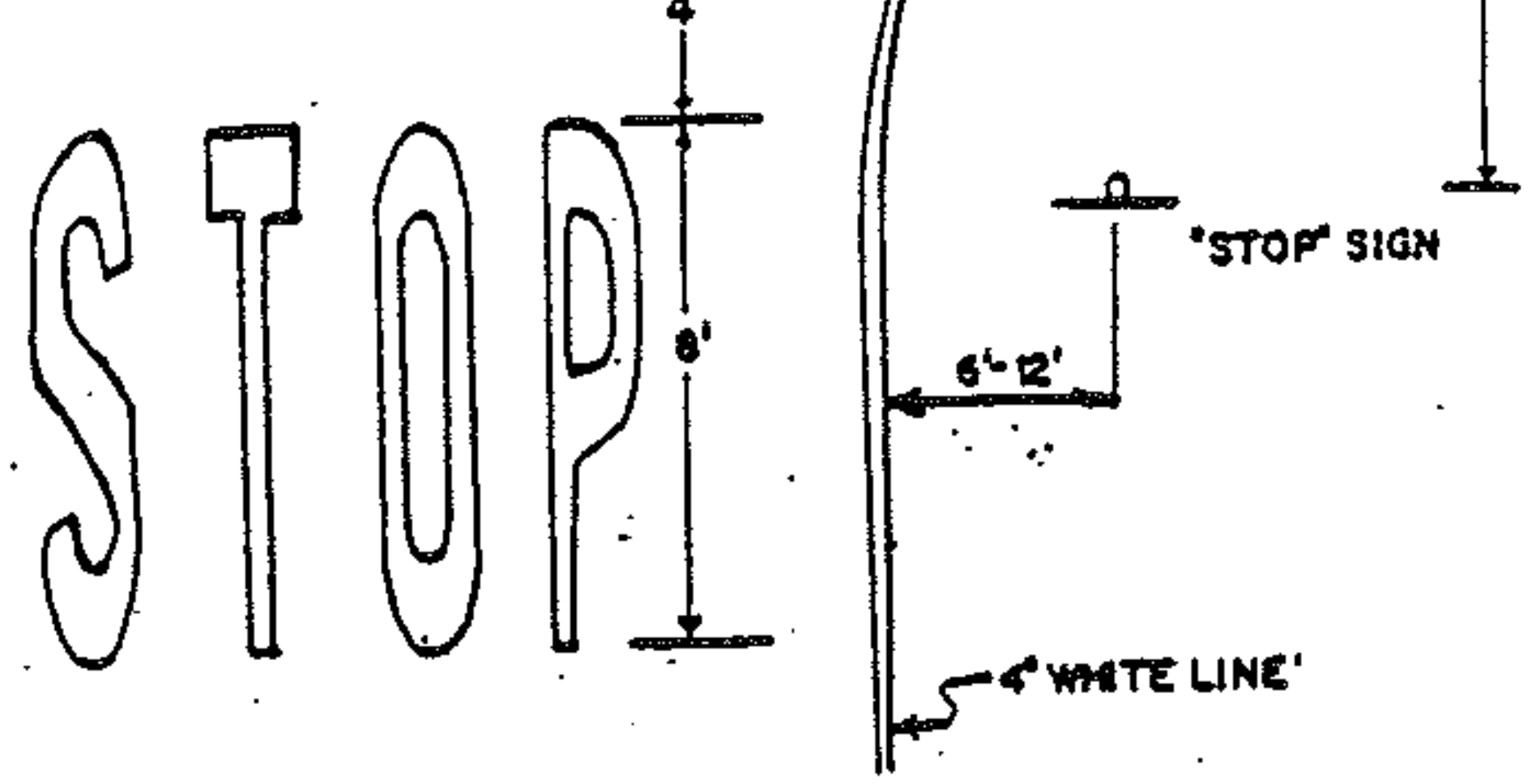


FAIRHAVEN
MM 0.000 MM 0.088
JUGHANDLE

1982 ADT 50
V 50

NO. RS 0142(14)

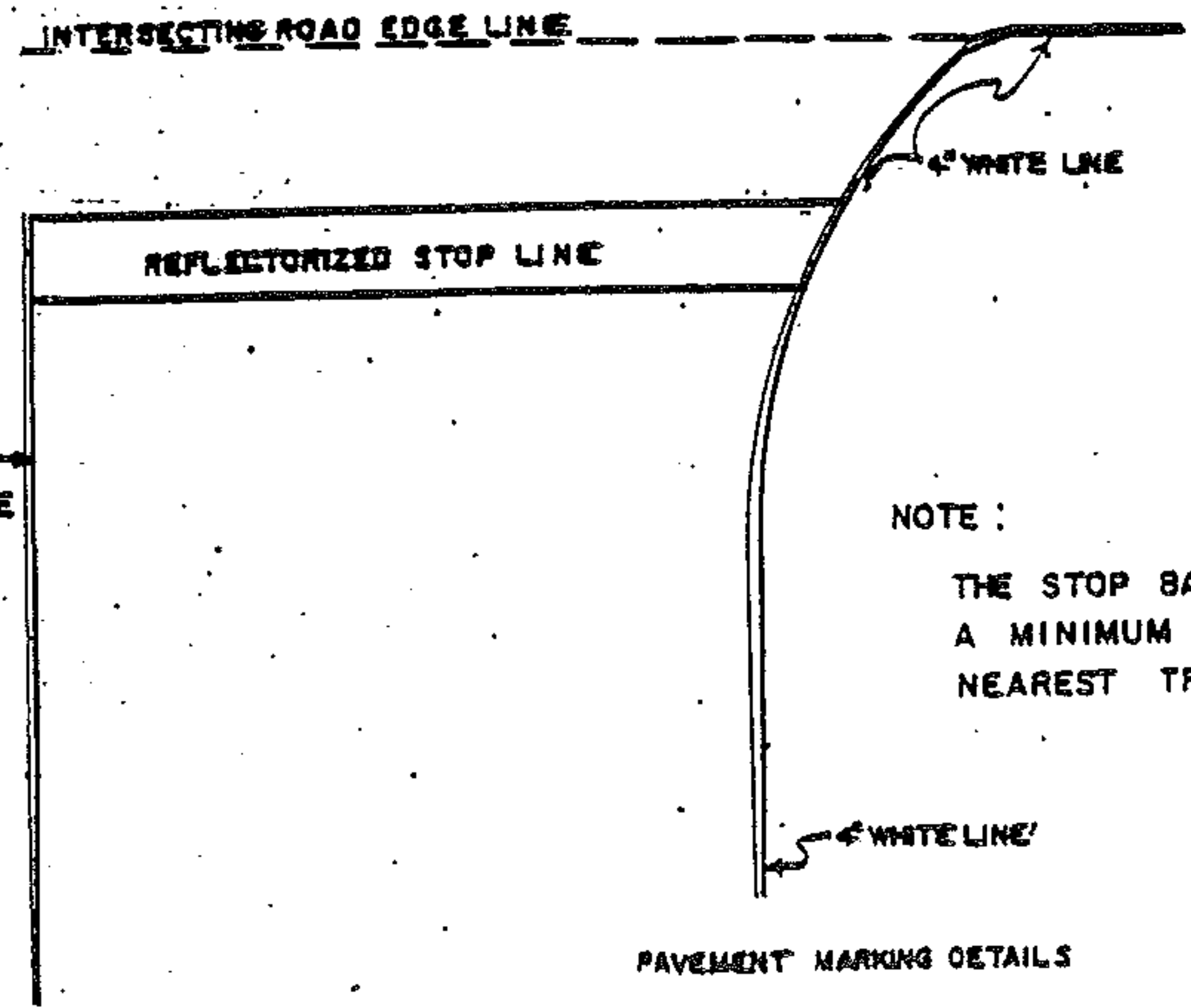
OBL. 4"
YELLOW
CENTERLINE



NOTE. PAVEMENT MARKING DETAILS

1. THE STOP LINE SHOULD BE PLACED AT THE DESIRED STOPPING POINT, IN NO CASE MORE THAN 30 FEET OR LESS THAN 4' FROM THE NEAREST EDGE OF THE INTERSECTING ROADWAY.

With Signal



OBL. 4"
YELLOW
CENTERLINE

NOTE :

THE STOP BAR SHALL BE PLACED A MINIMUM OF 40' FROM THE NEAREST TRAFFIC SIGNAL.

PAVEMENT MARKING DETAILS

FAIR HAVEN - CASTLETON

PROJECT FAIR HAVEN JUGHANDLE

F020-1(16)
NO. RS 0142(14)

SHEET 24 OF 40 SHEETS

NOTES:

When working at or near the exit or entrance ramps, Uniformed Traffic Officers shall be used to assist in controlling traffic. Lane closure signs shall be installed on entrance ramps.

Exit ramps shall have traffic lanes delineated with 58" cones to indicate desired vehicle path. 500' lengths shall be of least 320 feet. Cone spacing shall be 40 feet.

Cones shall be weighted at the base to prevent overturning and shall be kept clean. Signs H-1 and H-3 will be in conformity with Standard E-2. All others will be moveable and will be removed during non-working hours.

* During periods of poor visibility, steady burn yellow lights mounted on front of cones will be used in place of cones.

All signs will be placed before any work is begun or equipment put on roadway.

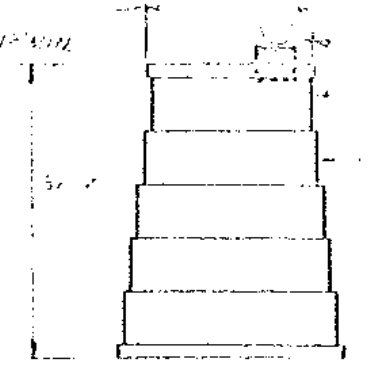
Contractor shall have Channelizing devices and signs for left side closure and right side closure on project before starting construction.

Work crews' private vehicles will not be parked in or around working area. Contractor will provide parking for work crews' vehicles off project.

Uniformed Traffic Officers will park 5' away from traffic.

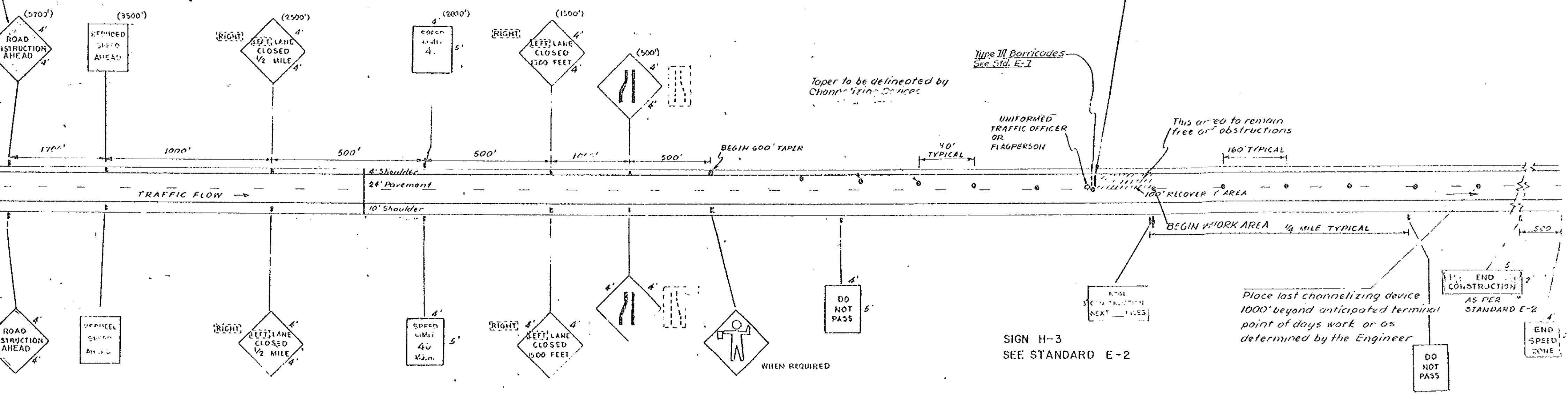
Existing speed limit signs in reduced speed area will be covered during construction. APPLICATION OF TAPE TO SIGN FACES WILL NOT BE PERMITTED.

Channelizing devices other than cones or type III barricades (road) will be allowed as long as they conform to the MUTCD and are approved for use by the Resident Engineer.



Flashing Arrow Board (48"x96" minimum size)
To be placed at end of 600' taper. The flashing arrow shall be mounted on a breakaway or yielding system.

SIGN H-1
SEE STANDARD SHEET E-2



Taper to be delineated by Channelizing Devices

Type III Barricades
See Std. E-7

UNIFORMED TRAFFIC OFFICER OR FLAGPERSON

This area to remain free of obstructions

BEGIN WORK AREA 1/4 MILE TYPICAL

Place last channelizing device 1000' beyond anticipated terminal point of days work or as determined by the Engineer

SIGN H-3
SEE STANDARD E-2

USE "LANE CLOSED 1 MILE" SIGN WHEN SIGN PACKAGE IS MOVED FORWARD.

"SPEED LIMIT 40" to be installed at 1/2 mile increments for entire work area. "DO NOT PASS" signs will be erected immediately in advance of, and throughout, the length of the work area, halfway between adjacent speed limit signs.

Refer to Project Special Provisions for speed zone enactment. Refer to Uniform Traffic Control Devices Manual for tapers not in the speed zone area.

The "SPEED LIMIT 40", "DO NOT PASS" and "END SPEED ZONE" signs shall be located to the left hand side of the road when work is being done on the right hand lane.

The "SPEED LIMIT 40" and other related signs shall be removed or covered when work is not in progress.

APPLICATION OF TAPE TO SIGN FACES WILL NOT BE PERMITTED.

NOT TO SCALE

NOTE: SHADED SIGNS INDICATED STATIONARY PROJECT SIGNS. THE REMAINING SIGNS PROGRESS FORWARD AT THE BEGINNING OF EACH WORK DAY.




DATUM
VERTICAL _____
HORIZONTAL _____


MAINLINE TRAFFIC CONTROL PLAN	SURVEYED BY _____ DATE _____
	DRAWN BY _____ DATE _____
	TRACED BY _____ DATE _____
FAIR HAVEN - CASTLETON PROJ. NO. FORD-1(16) SHEET 36 OF 40	

SECTION 641 TRAFFIC SIGNS SUMMARY SHEET

MAINLINE PAVING

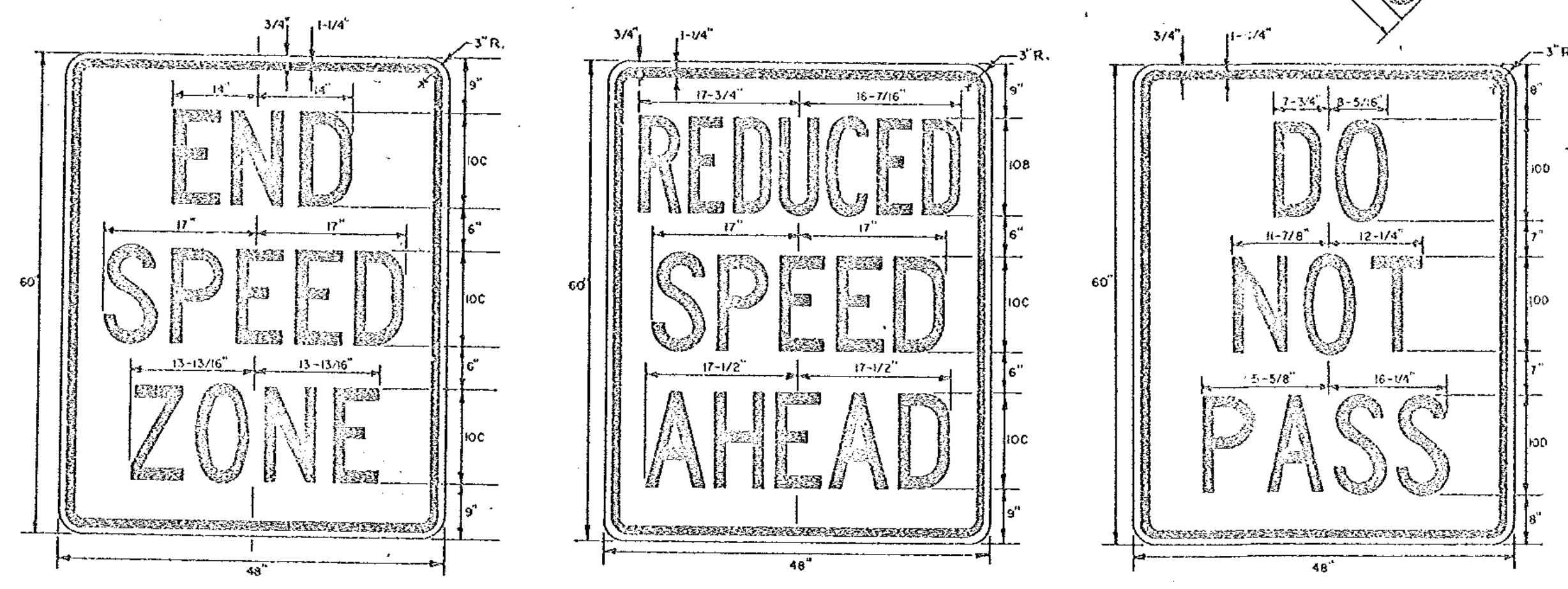
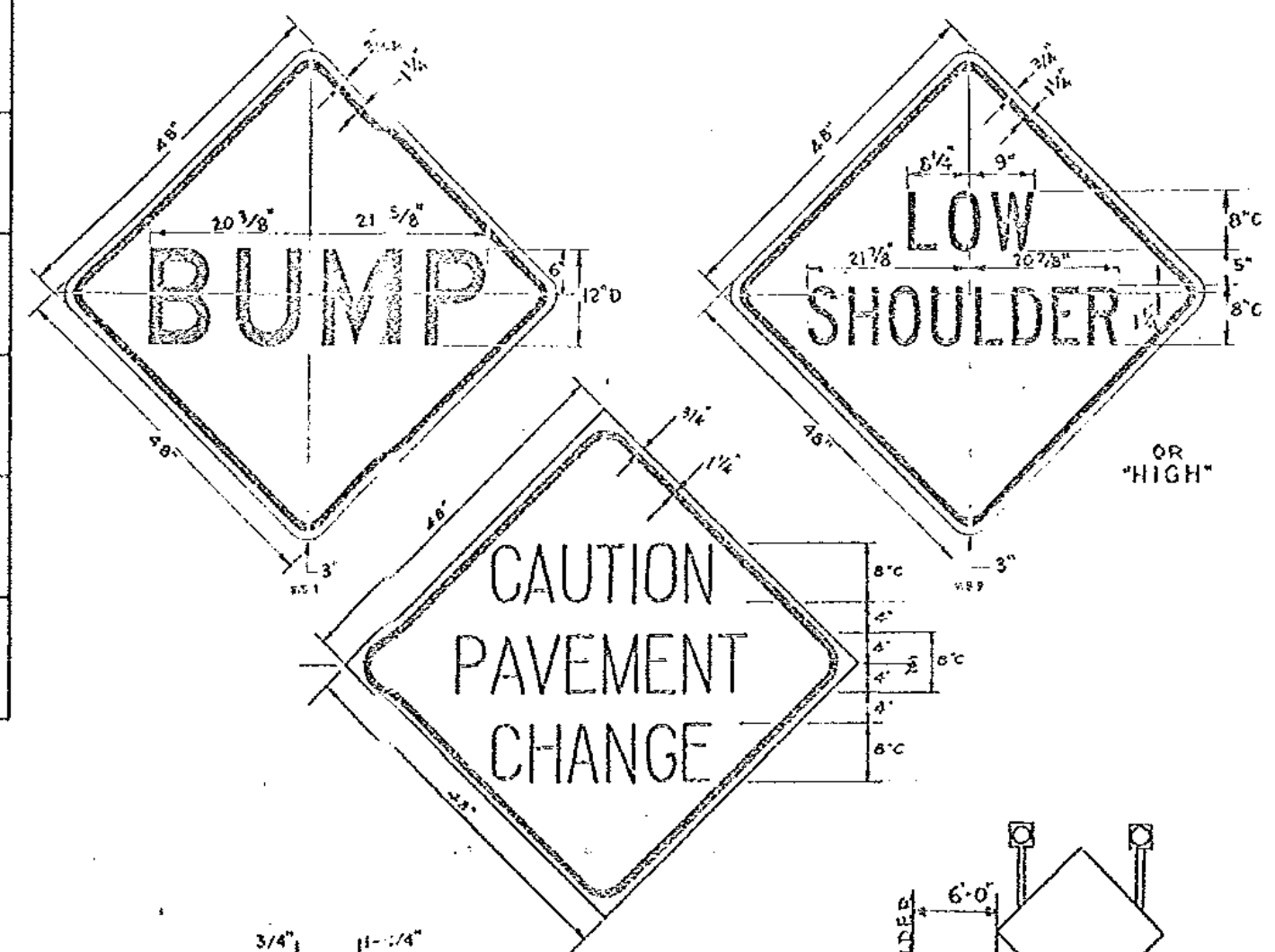
RAMP PAVING

IDENTIFICATION	NUMBER OF SIGNS	SIZE		TEXT	FOR SIGN DETAIL, SEE STANDARD SHEET NUMBER
		WIDTH	HEIGHT		
	2	4	4	LEFT LANE CLOSED 1 MILE	E-8
	6 <i>OR AS REQUIRED</i>	18"	8"	RIGHT	E-8
	2	4	4	LEFT LANE CLOSED 1/2 MILE	E-8
	2	4	5	REDUCED SPEED AHEAD	THIS SHEET
	2 <i>OR AS REQUIRED</i>	4	4	LEFT LANE CLOSED 1500 FEET	E-8
	2	4	4		E-8
	2	4	4		E-8
	AS REQUIRED	4	5	DO NOT PASS	THIS SHEET
	AS REQUIRED	4	5	SPEED LIMIT 40	E-15B
	1	4	5	END SPEED ZONE	THIS SHEET
	AS REQUIRED	4	4	CAUTION PAVEMENT CHANGE	SEE E-6 FOR MATERIALS, ETC.
	AS REQUIRED	4	4	BUMP	SEE E-6 FOR MATERIALS, ETC.
	2	4	4	ROAD CONSTRUCTION AHEAD	E-2
	2	5	3	ROAD CONSTRUCTION NEXT --- MILES	E-2
	1	4	4		E-6
	AS REQUIRED	4	4	HIGH OR LOW SHOULDER	THIS SHEET

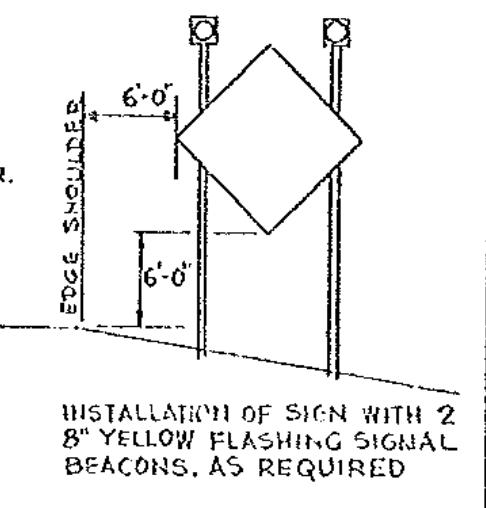
IDENTIFICATION	NUMBER OF SIGNS	SIZE		TEXT	FOR SIGN DETAIL, SEE STANDARD SHEET NUMBER
		WIDTH	HEIGHT		
	AS REQUIRED	4	4	LEFT LANE CLOSED AHEAD	E-8
	AS REQUIRED	18"	8"	RIGHT	E-8
	AS REQUIRED	4	4		E-6

SIGN NOTES: TRAFFIC SIGNS SHOWN ON THIS SHEET ARE TO BE SUBSIDIARY TO ITEM 641, TRAFFIC CONTROL. ADDITIONAL SIGNS, IF REQUIRED THAT ARE NOT DETAILED WILL BE PAID AS ITEM 675.20 OR 675.25 AS DIRECTED BY THE ENGINEER IF ITEMS ARE PART OF THE CONTRACT. PROJECT SIGNS AS PER STANDARD E-2 AND E-6 WILL BE REQUIRED TO ESTABLISH PROJECT LIMITS AND AS RAMP SIGNING. SIGNS SHALL BE MOUNTED ON FLANGED CHANNEL STEEL POSTS.*

*SIZE = 3 LBS/FT - MAXIMUM

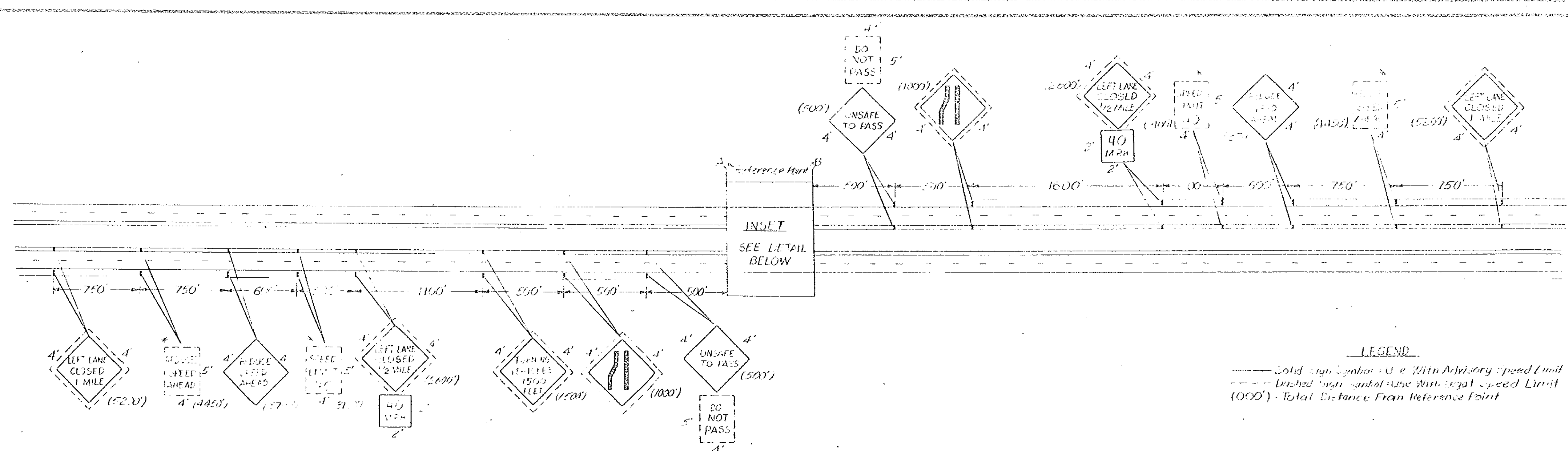


COLORS: LEGEND - BLACK (NON-REFLECTORIZED) BACKGROUND - WHITE (REFLECTORIZED) (SEE STANDARD SHEET E-16 FOR MATERIAL SPECIFICATIONS)

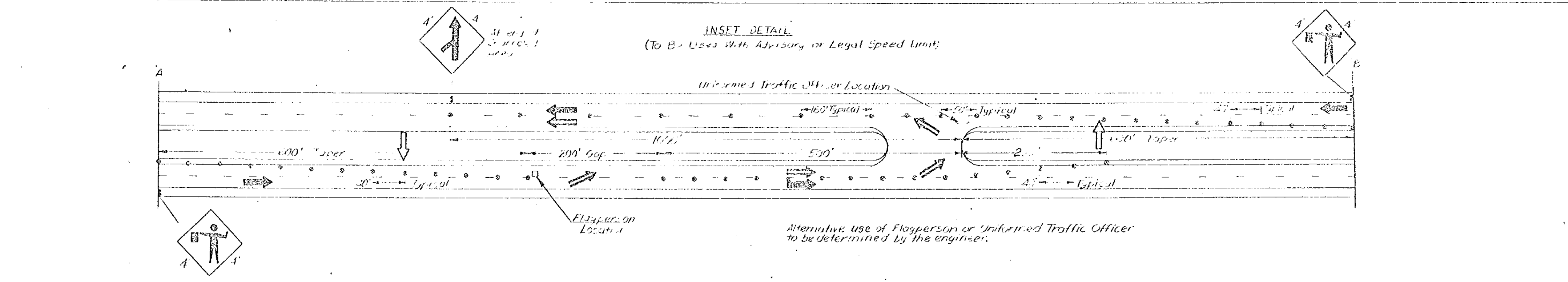


STANDARD E-2 LISTED FOR SIGN DETAIL ONLY, NOT MAINLINE PROJECT SIGNING.

SECTION 641	SURVEYED BY _____ DATE _____
TRAFFIC SIGN	DRAWN BY RPD DATE 2-82
SUMMARY SHEET	TRACED BY LCC DATE 5-82
MAINLINE TRAFFIC CONTROL PLAN	PAID HEREIN - CASH (TOL)
	PROJ. NO F020-1(16)
	SHEET 37 OF 40



LEGEND
 ——— Solid sign symbol (U.S. With Advisory Speed Limit)
 - - - Dashed sign symbol (Use With Legal Speed Limit)
 (OOO) - Total Distance From Reference Point



* Legal Speed Limit Reducers must be approved by the STATE TRAFFIC COMMITTEE prior to construction. Requests must be made prior to the Pre-construction Conference.

When signing for this operation interferes with that for work on the mainline, revisions may be made. The Resident Engineer will establish the appropriate sign requirements.

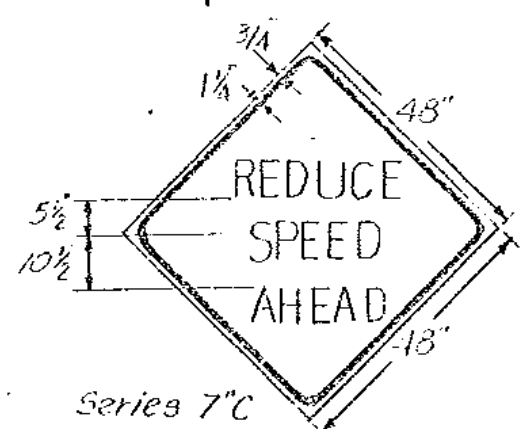
LEGEND
 [Symbol] Turned Traffic
 [Symbol] Construction Vehicles
 [Symbol] Construction Traffic
 [Symbol] FLASHING ARROW PANEL
 NOT TO SCALE

TRAFFIC CONTROL INSTRUCTIONS FOR TURNING	SUBMITTED BY _____	DATE _____
	DRAWN BY _____	DATE _____
	PROJ. NO. F020-1(6)	
	SHEET 38 of 40	

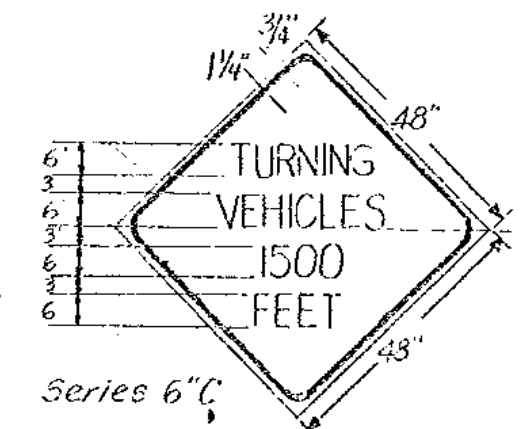
DATUM	DATE 7/17/85
VERTICAL _____	FLASHING PANEL
HORIZONTAL _____	

SECTION

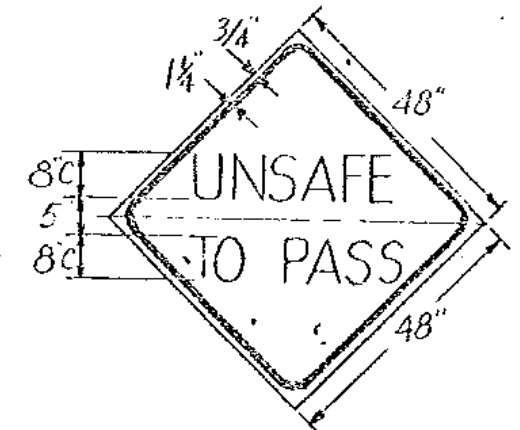
TRAFFIC SIGN SUMMARY SHEET



Series 7'C



Series 6'C

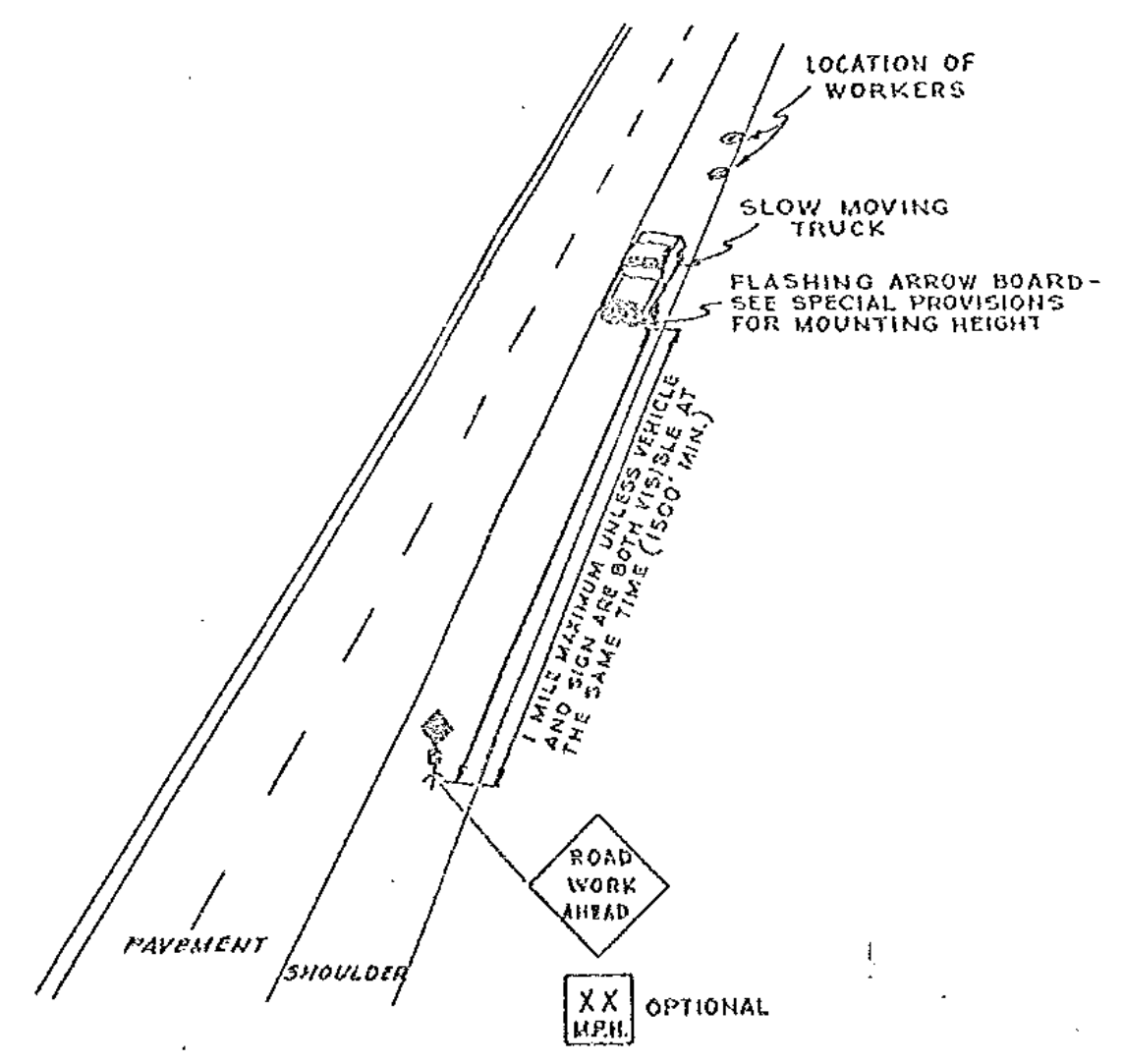


Series 5'C

IDENTIFICATION	NUMBER OF SIGNS	SIZE		TEXT	FOR SIGN DETAIL SEE STANDARD OF SHEET NUMBER
		WIDTH	HEIGHT		
	4	4	4	LEFT LANE CLOSED 1 MILE RIGHT	E-8
	4	4	4	LEFT LANE CLOSED 1/2 MILE RIGHT	E-8
	1	4	4	TURNING VEHICLES 1500 FEET	THIS SHEET
	2	4	4		E-8
	2	4	4		E-6
	1	4	4		E-19
ADVISORY	2	4	4	REDUCE SPEED AHEAD	THIS SHEET
	2	2	2	40 MPH	E-8
	4	4	4	UNSAFE TO PASS	THIS SHEET
LEGAL	2	4	5	REDUCED SPEED AHEAD	THIS SHEET
	2	4	5	SPEED LIMIT 40	E-15B
	2	4	5	DO NOT PASS	E-15A

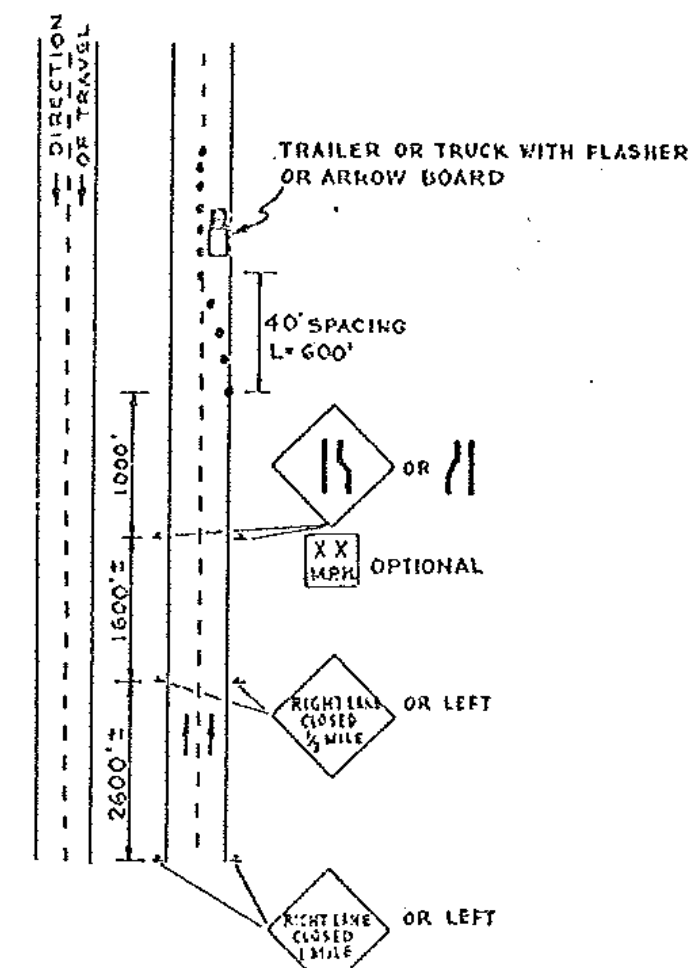
BORDER & LEAF NO. - BLACK (NON-REFL.)
BACKGROUND - ORANGE (REFL. HIGH INT.)
FOR MATERIAL SPECS. SEE STD. E-8
(APPLY TO ALL SIGN TAILS ABOVE)

SIGN NOTES: THESE SIGNS ARE SUBSIDIARY TO OTHER ITEMS. ADDITIONAL SIGNS AND SIGN POSTS, IF REQUIRED, THAT ARE NOT DETAILED ARE TO BE PAID AS ITEM 675.20 (TYPE A) OR ITEM 675.25 (TYPE B), - POSTS SUBSIDIARY. SIGNS SHALL BE ERECTED ON FLANGED CHANNEL STEEL POSTS, AT LEAST 6 FEET OUTSIDE THE SHOULDER POINT OR 2 FEET OUTSIDE GUARD RAIL. SIGNS FOR TEMPORARY USE MAY BE MOUNTED ON APPROVED PORTABLE SUPPORTS, THE SIGN SHALL BE MOUNTED SO THAT THE BOTTOM OF THE SIGN WILL BE AT LEAST 1 FOOT ABOVE ROAD LEVEL. THE INSTALLATION AND MAINTENANCE OF ALL SIGNS SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
3 LBS./FT. - MAXIMUM



MOVING OPERATION LANE CLOSURE (Delineator Placement)

When delineators are being placed adjacent to the 4' shoulder the operation must be additionally protected by the standard "LEFT LANE CLOSED" sign package. The Contractor may elect to perform such work when the left lane is closed for other purposes.



Typical application - daytime maintenance operations of short duration on a four-lane divided roadway where one lane is closed. To be used for bridge work where concern for legal speed zone giving is not a problem (low volume - adequate sight distance).

SIGN SUMMARY CONST. VEHICLE TURNING	SURVEYED BY _____ DATE _____
	DRAWN BY _____ DATE _____
	TRACED BY _____ DATE _____
	FAIR HAVEN - (ASST. ENGR.) PROJ. NO. F020-1(1) SHEET 39 of 40

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

PER STANDARD SHEET E-50.

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.

- 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 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. 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. THE TAPE SHALL BE THE TYPE THAT IS REMOVABLE INTACT AND NOT SEPERATE AT ANY TIME.

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 PAVEMENT MARKINGS SHALL BE COMPLETED FOR THE ENTIRE PROJECT BY THE CONTRACTOR AS DETAILED ON THE PLANS OR DIRECTED BY THE RESIDENT ENGINEER.

REVISED

01/12/85

JUGHANDLE

SHEET 23 OF 40 SHEETS