

STATE OF VERMONT AGENCY OF TRANSPORTATION

Dated JUN 26 1984
Cooley Asphalt Paving
 Contractor
Hubert A. Laprade
 Signature
President
 Title

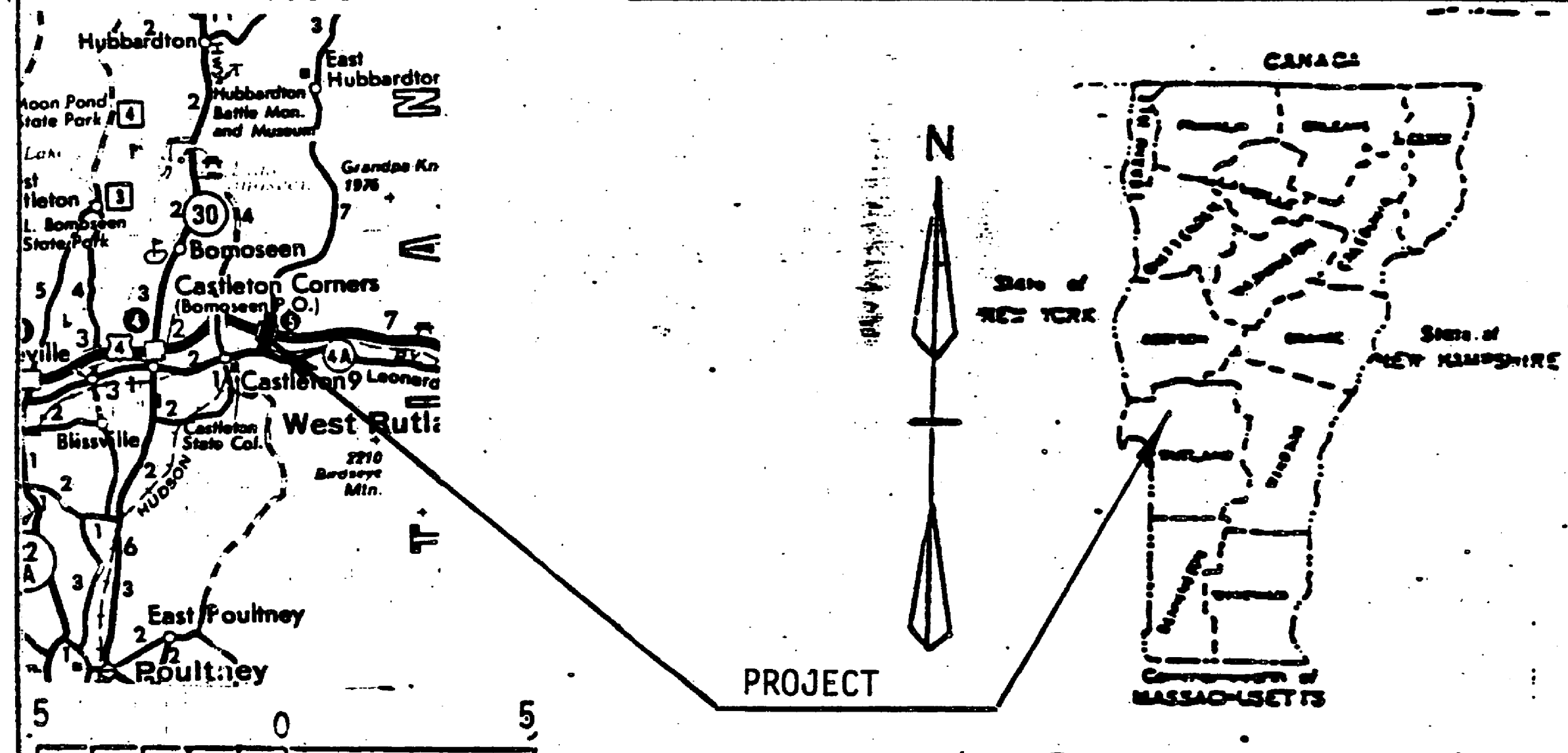


CONTRACT PLANS
 THESE PLANS DO NOT REFLECT
 CHANGES MADE ON THE PROJECT.

PROPOSED IMPROVEMENT

[Signature] RESURFACING PROJECT
 Transportation Secretary's Signature

TOWN OF: CASTLETON
 COUNTY OF: RUTLAND
 ROUTE NO: CASTLETON STATE HIGHWAY
 ROUTE CLASS: FAS



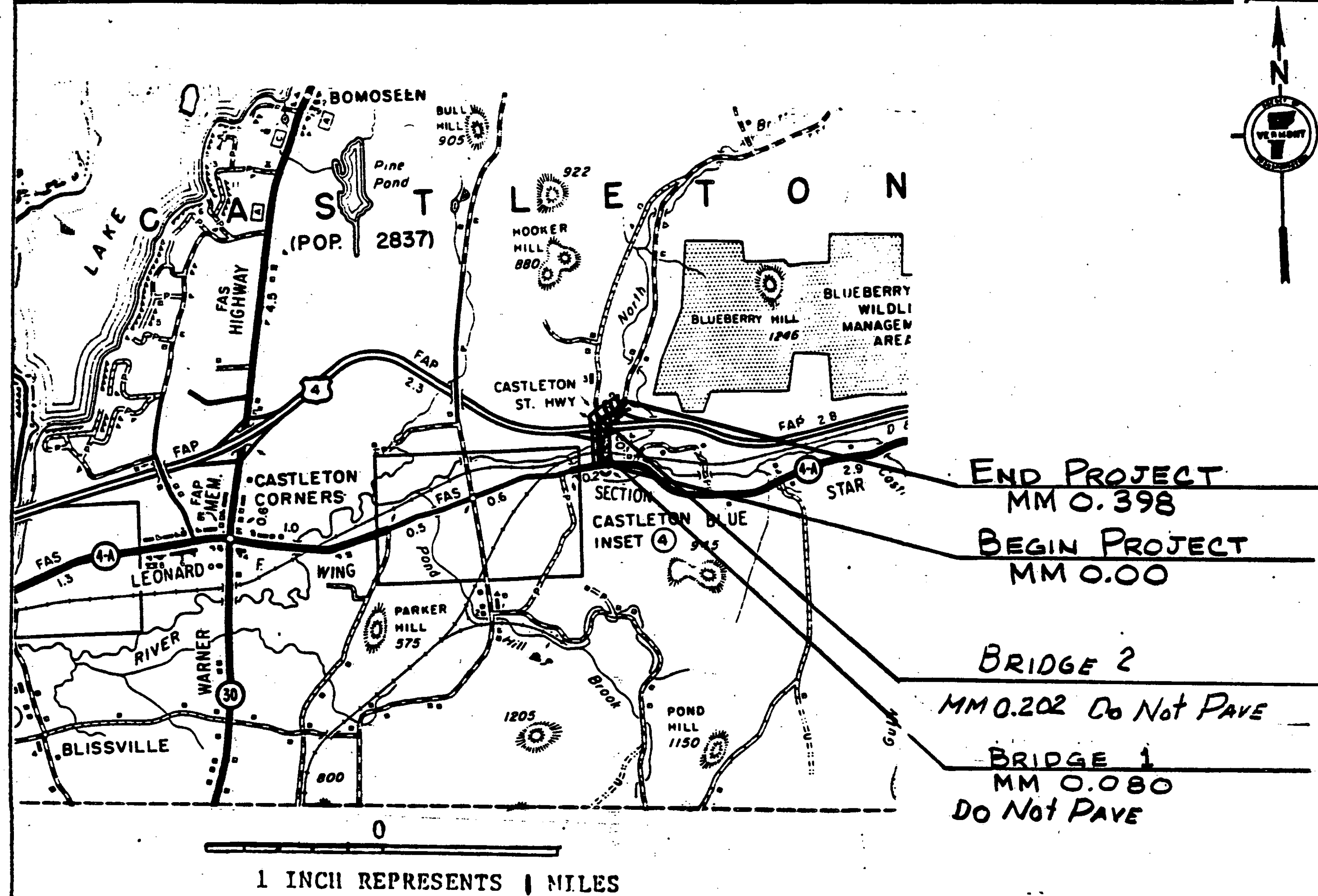
- 1 inch equals 5 miles
- INDEX OF SHEETS
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These plans are subject to such engineering changes as may be required by the Federal Highway Administration or the Director of Engineering and Construction.

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.

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD	
APPROVED <u>S. J. Gage P.E.</u>	DATE <u>3-7-84</u>
DIRECTOR OF ENGINEERING AND CONSTRUCTION	
DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
APPROVED _____	DATE _____
DIVISION ADMINISTRATOR	
PROJECT NO. <u>HMA 2454</u>	
SHEET 1 OF 16 SHEETS	

PROJECT DESCRIPTION AND LOCATION

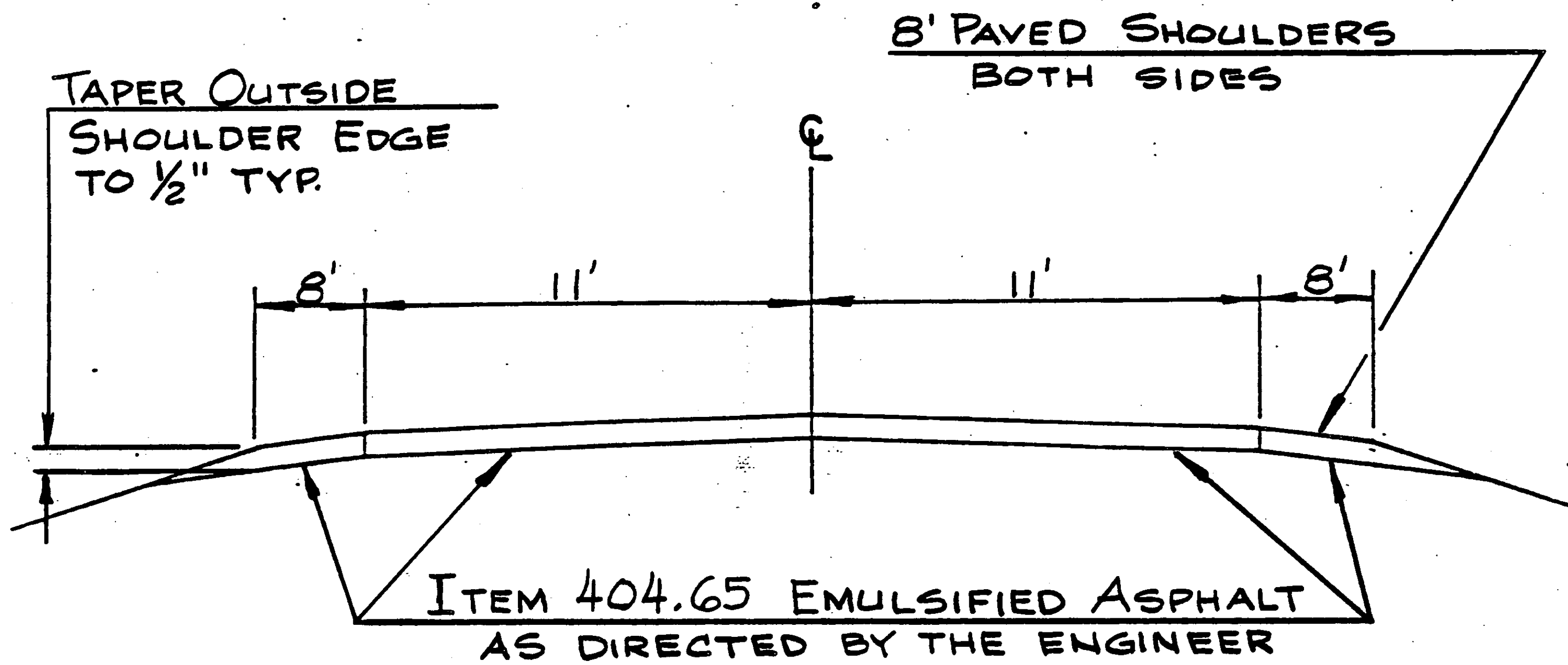


BEGINNING AT THE JUNCTION OF VT. RTE. 4-A AND
 CASTLETON STATE HIGHWAY AND EXTENDING NORTHERLY
 0.398 MILES.

LENGTH OF PROJECT: 0.398 MILES
 2104 FEET

TYPICAL SECTIONS & DESIGN DATA

ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT
LEVELING COURSE, TYPE III OR IV (22' WIDE @ 150 $\frac{\text{TONS}}{\text{MT.}}$)
AS DIRECTED BY THE ENGINEER
WEARING COURSE, $\frac{3}{4}$ " TYPE IV



CASTLETON MM 0.00 - MM 0.398

TRAFFIC DATA
1982 ADT = 1630
V = 50 MPH

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

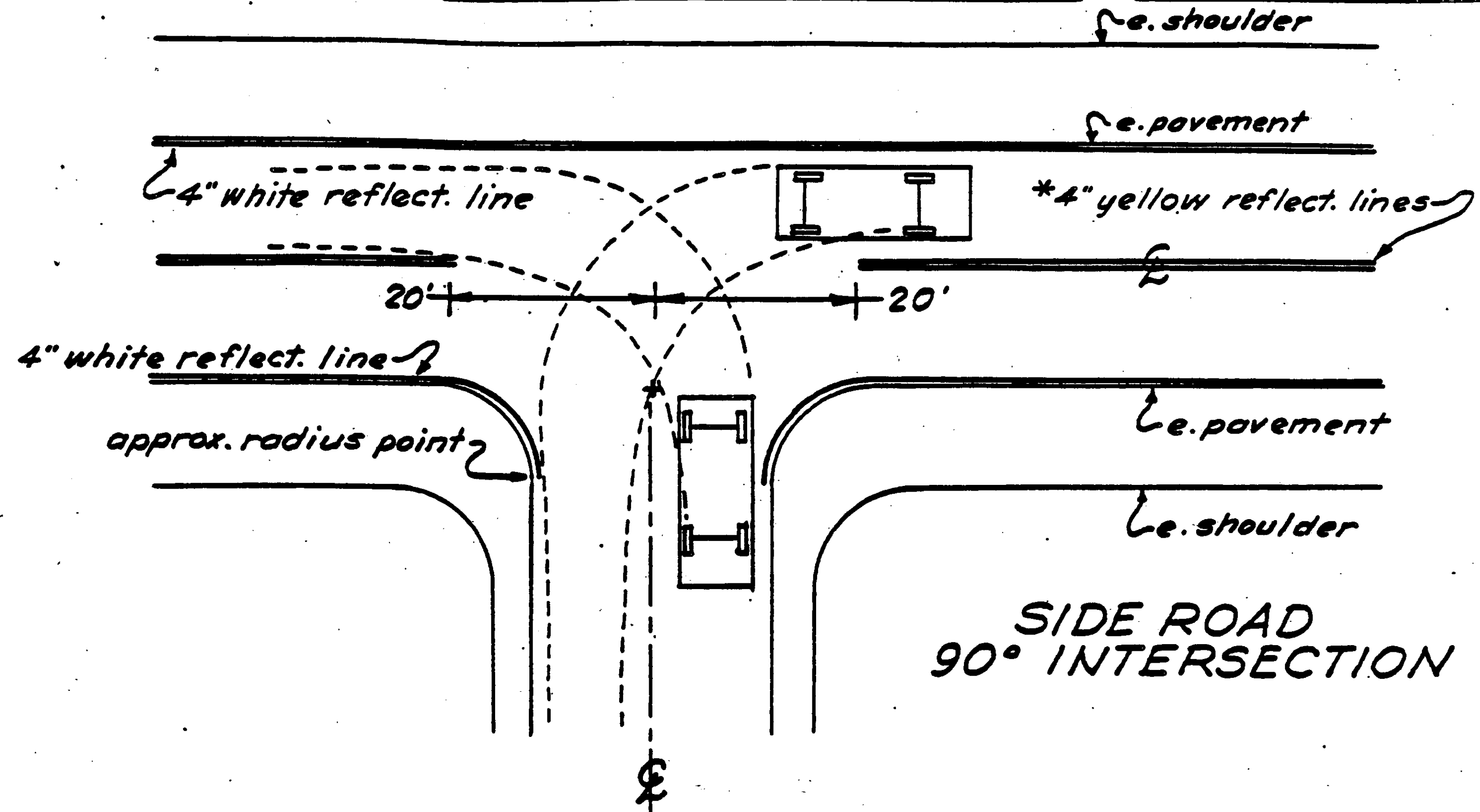
INTERSTATE MEDIAN SIDE-RETRO-REFLECTIVE RPM'S ON 4 TO 5 FOOT CENTER. DRIVERS RIGHT SIDE-RPM'S NOT ALLOWED.

- 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

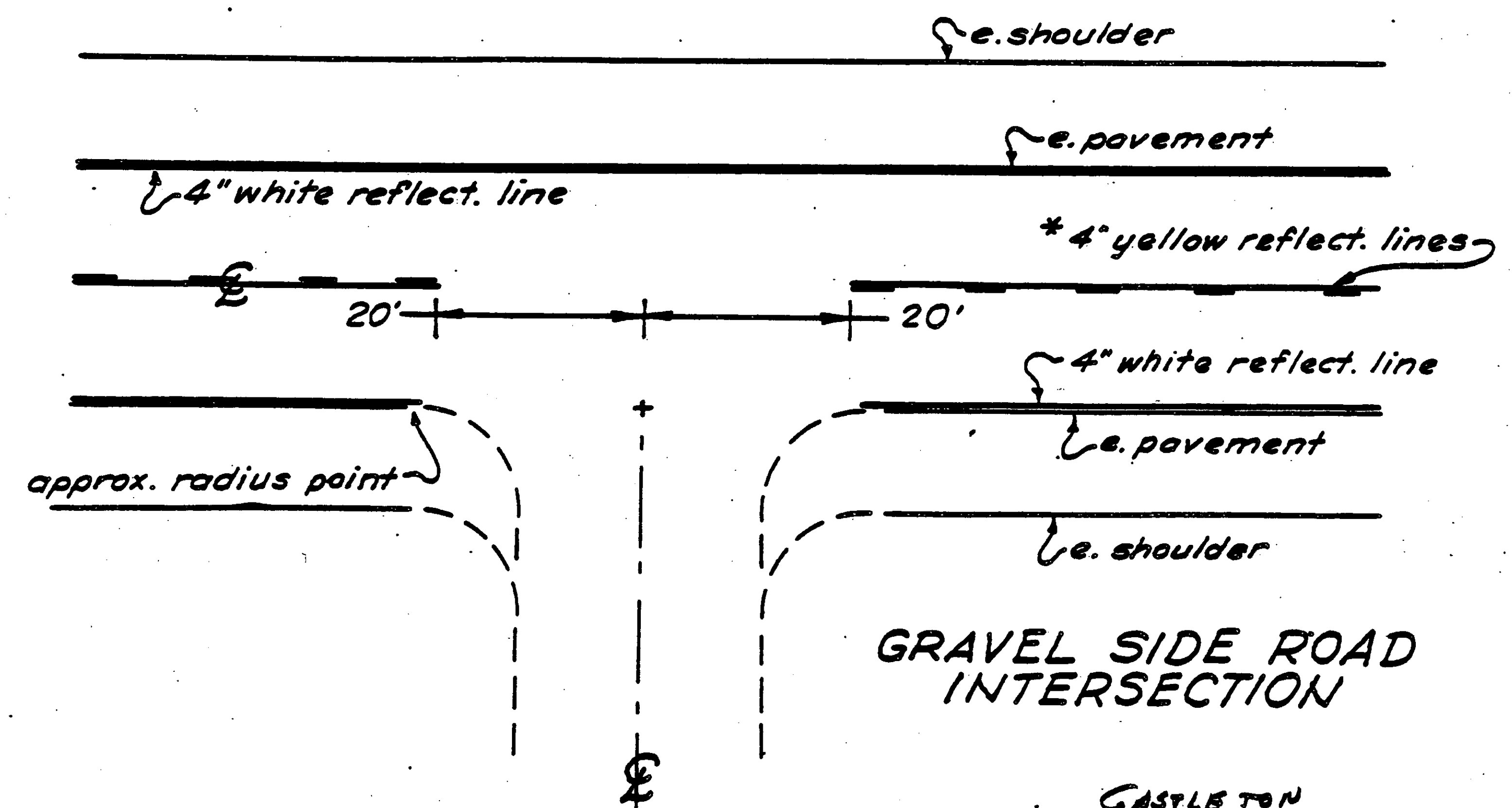
REVISED
12/22/83

CASTLETON STATE
HMA 2454

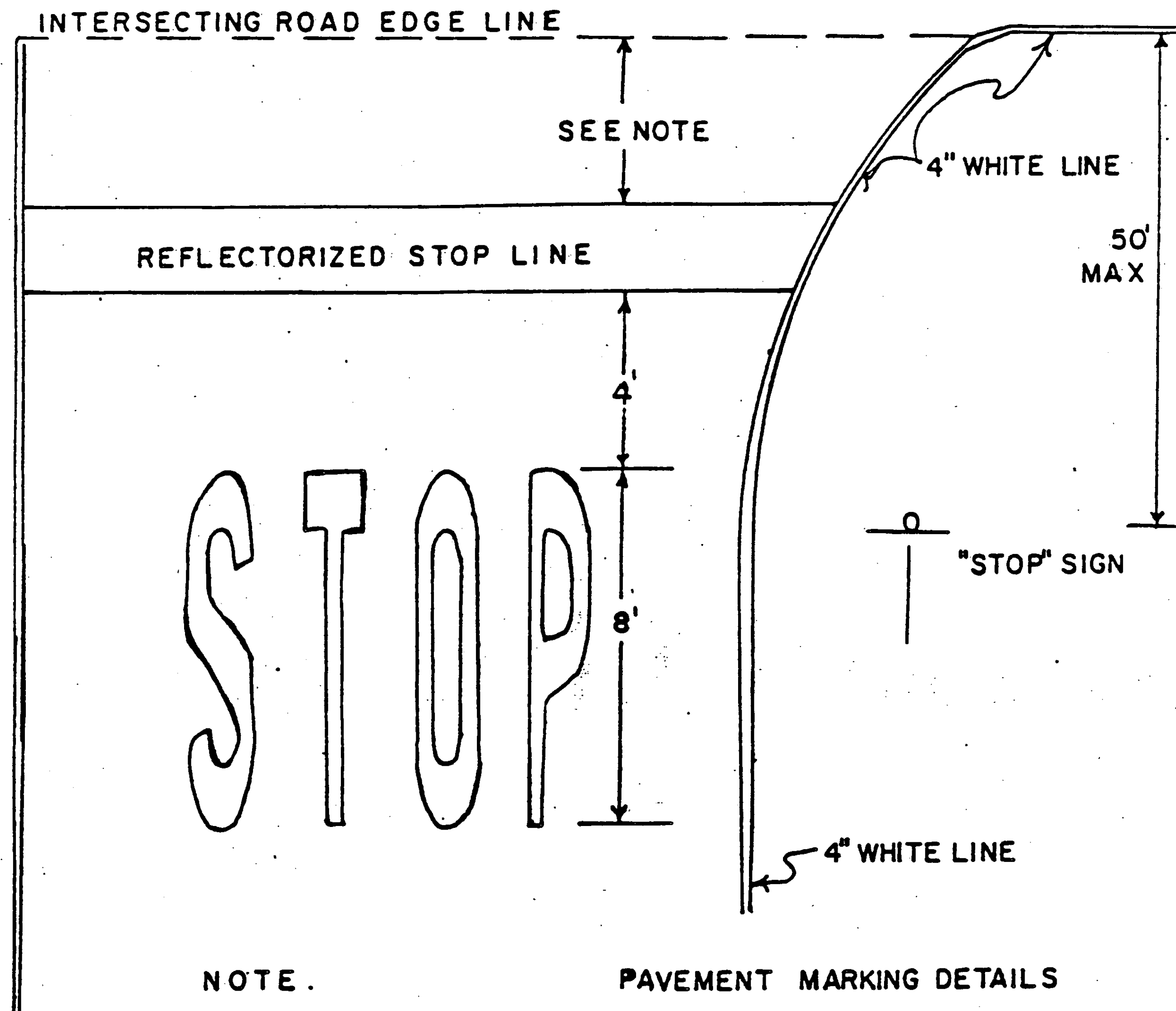
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* Centerline treatment shall consist of a minimum of 400 feet of solid line in advance of the intersection and shall be paired with either a solid or dashed line depending on sight distance availability in the opposing lane.



DETAILS

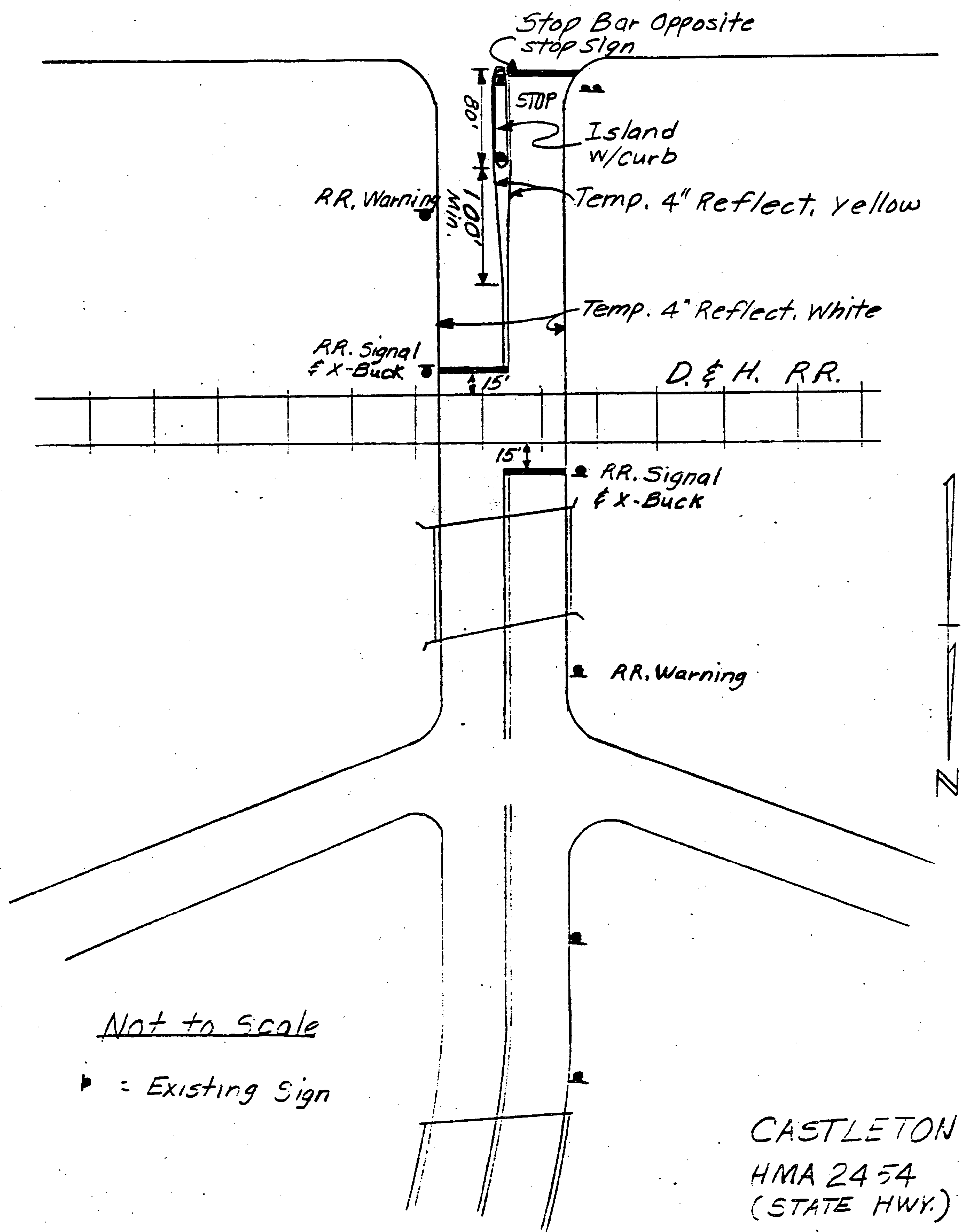


NOTE.

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.

Vt. 4A



Not to scale

• = Existing Sign

CASTLETON
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(STATE HWY.)

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Vt 4A

RR. Warning Symbol
Location shall be at
the discretion of the
Engineer.

RR. Warning

RR. Signal
& X-Buck

Island
w/curb

D. & H. R.R.

RR. Signal
& X-Buck

RR. Warning



Not to Scale

• = Existing Sign

CASTLETON

HMA 2454
(STATE HWY.)

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