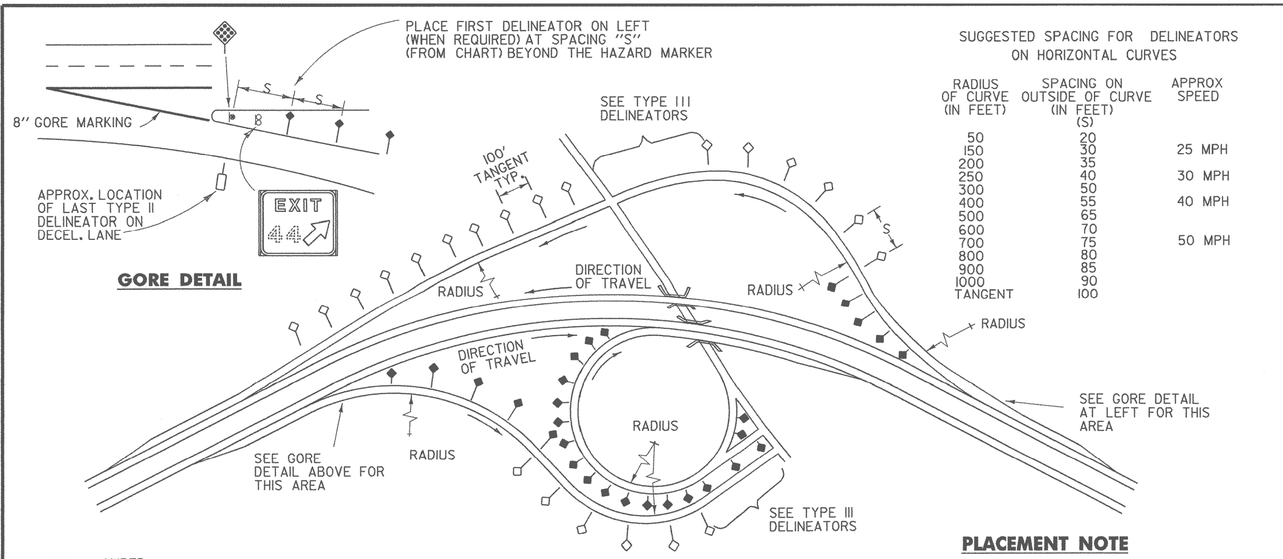


SUGGESTED SPACING FOR DELINEATORS ON HORIZONTAL CURVES

RADIUS OF CURVE (IN FEET)	SPACING ON OUTSIDE OF CURVE (IN FEET) (S)	APPROX SPEED
50	20	
150	30	25 MPH
200	35	
250	40	30 MPH
300	50	
400	55	40 MPH
500	65	
600	70	
700	75	50 MPH
800	80	
900	85	
1000	90	
TANGENT	100	

PLACEMENT NOTE

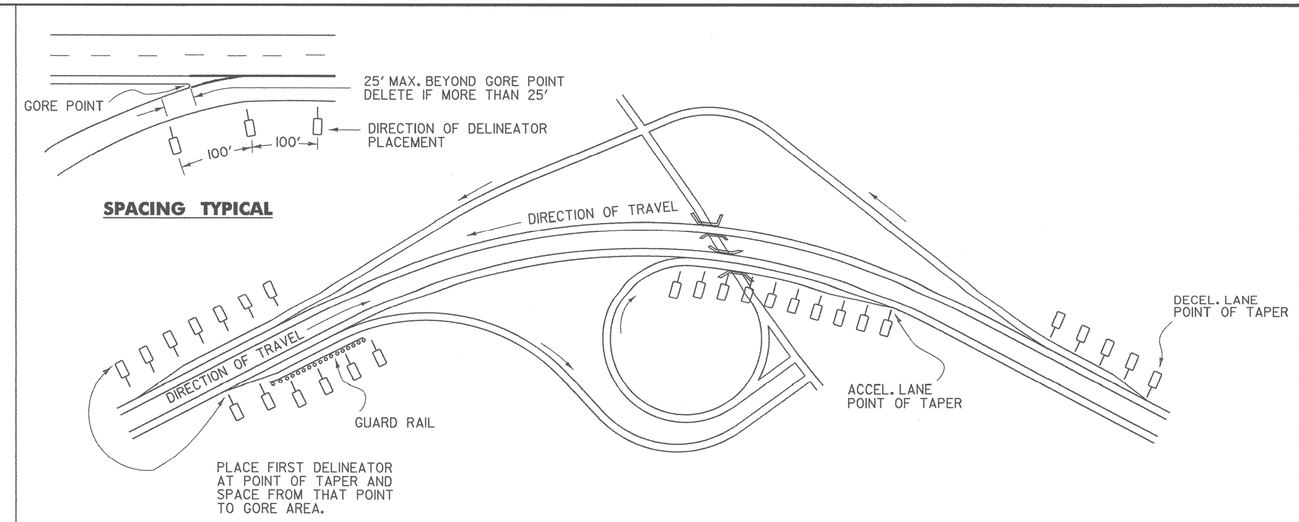
TYPE I DELINEATORS ARE TO BE PLACED ON THE OUTSIDE OF RAMP CURVES AT THE APPROPRIATE SPACING FOR CURVE RADIUS OR RAMP SPEED AS SHOWN ON THE CHART AND PLACED AT 100 FOOT SPACING ON TANGENT ON THE DRIVERS' RIGHT. AMBER DELINEATORS ARE REQUIRED ON THE DRIVERS' LEFT AND WHITE DELINEATORS ON THE RIGHT. DELINEATORS SHALL NOT BE OMITTED BEHIND GUARD RAIL ON THE RAMPS.

WHITE OR AMBER
RIGHT SIDE — LEFT SIDE

LEGEND

A TYPE I DELINEATOR CONSISTS OF A SINGLE WHITE OR AMBER REFLECTOR MOUNTED ON A 2 LB/FT FLANGED CHANNEL POST AND IS POSITIONED TO REFLECT TO TRAFFIC APPROACHING FROM THE NORMAL DIRECTION OF TRAVEL.

TYPE I (RAMPS)



WHITE

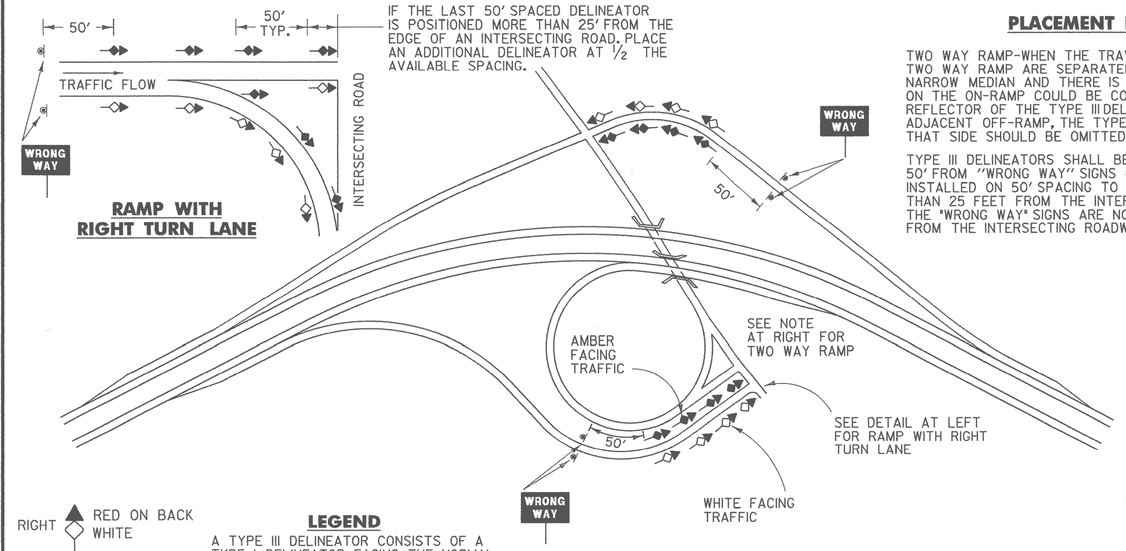
LEGEND

A TYPE II DELINEATOR CONSISTS OF A WHITE REFLECTOR MOUNTED ON A 2 LB/FT FLANGED CHANNEL POST AND IS POSITIONED TO REFLECT TO TRAFFIC APPROACHING FROM THE NORMAL DIRECTION OF TRAVEL.

TYPE II

PLACEMENT NOTE

TYPE II DELINEATORS SHALL BE ERECTED CONTINUOUSLY ALONG THE RIGHT SIDE OF ACCELERATION AND DECELERATION LANES AT 100 FOOT INTERVALS AND SHALL NOT BE OMITTED BEHIND GUARD RAIL. DELINEATORS SHALL START AT THE BEGINNING POINT OF THE ACCEL. OR DECEL. LANE TAPER, AND END AT THE NOSE OF THE ENTRANCE OR EXIT GORE.



PLACEMENT NOTE

TWO WAY RAMP-WHEN THE TRAVEL LANES FOR A TWO WAY RAMP ARE SEPARATED BY ONLY A NARROW MEDIAN AND THERE IS LIKELIHOOD VEHICLES ON THE ON-RAMP COULD BE CONFUSED BY THE RED REFLECTOR OF THE TYPE III DELINEATORS FOR THE ADJACENT OFF-RAMP, THE TYPE III ASSEMBLY ON THAT SIDE SHOULD BE OMITTED.

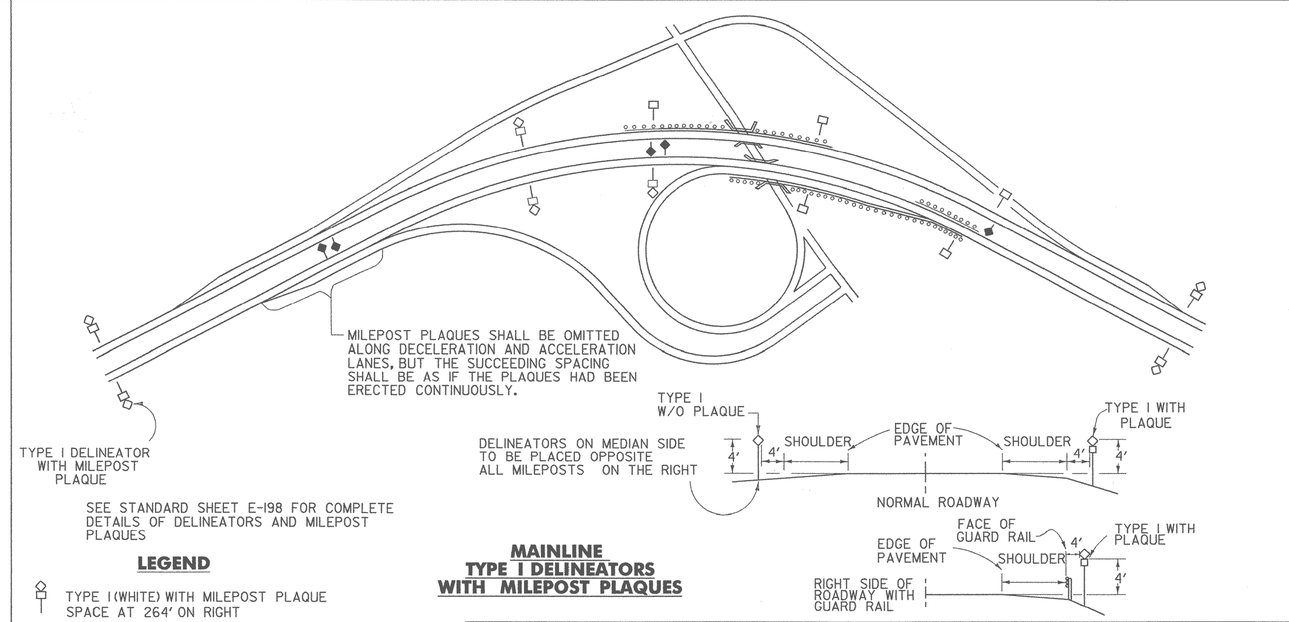
TYPE III DELINEATORS SHALL BE PLACED BEGINNING 50' FROM "WRONG WAY" SIGNS ON OFF-RAMPS AND INSTALLED ON 50' SPACING TO A POINT NOT MORE THAN 25 FEET FROM THE INTERSECTING ROADWAY. THE "WRONG WAY" SIGNS ARE NORMALLY 250 FEET FROM THE INTERSECTING ROADWAY.

RIGHT — RED ON BACK, WHITE
LEFT — RED ON BACK, AMBER

LEGEND

A TYPE III DELINEATOR CONSISTS OF A TYPE I DELINEATOR FACING THE NORMAL DIRECTION OF TRAVEL AND A SINGLE RED REFLECTOR FACING THE OPPOSITE DIRECTION, BOTH MOUNTED ON A 2 LB/FT FLANGED CHANNEL POST. THE WHITE AND RED COMBINATION IS PLACED ON THE DRIVER'S RIGHT AND THE AMBER AND RED ON THE DRIVER'S LEFT.

TYPE III



SEE STANDARD SHEET E-198 FOR COMPLETE DETAILS OF DELINEATORS AND MILEPOST PLAQUES

LEGEND

TYPE I (WHITE) WITH MILEPOST PLAQUE SPACE AT 264' ON RIGHT

TYPE I (AMBER) SPACE AT 264' ON LEFT

MAINLINE TYPE I DELINEATORS WITH MILEPOST PLAQUES

THIS SHEET IS NOT TO SCALE

OTHER STDS REQUIRED E-198

REVISIONS AND CORRECTIONS

JAN. 23, 1989 - DATE OF ORIGINAL ISSUE
AUG. 18, 1995 - REVISED NOTES
APRIL 1, 2005 - CHANGED TYPE I AND TYPE II REFLECTORS

APPROVED

DIRECTOR OF PROGRAM DEVELOPMENT

TRAFFIC OPERATIONS ENGINEER

FEDERAL HIGHWAY ADMINISTRATION

DELINEATOR PLACEMENT TYPICAL

VERMONT AGENCY OF TRANSPORTATION

STANDARD E-197