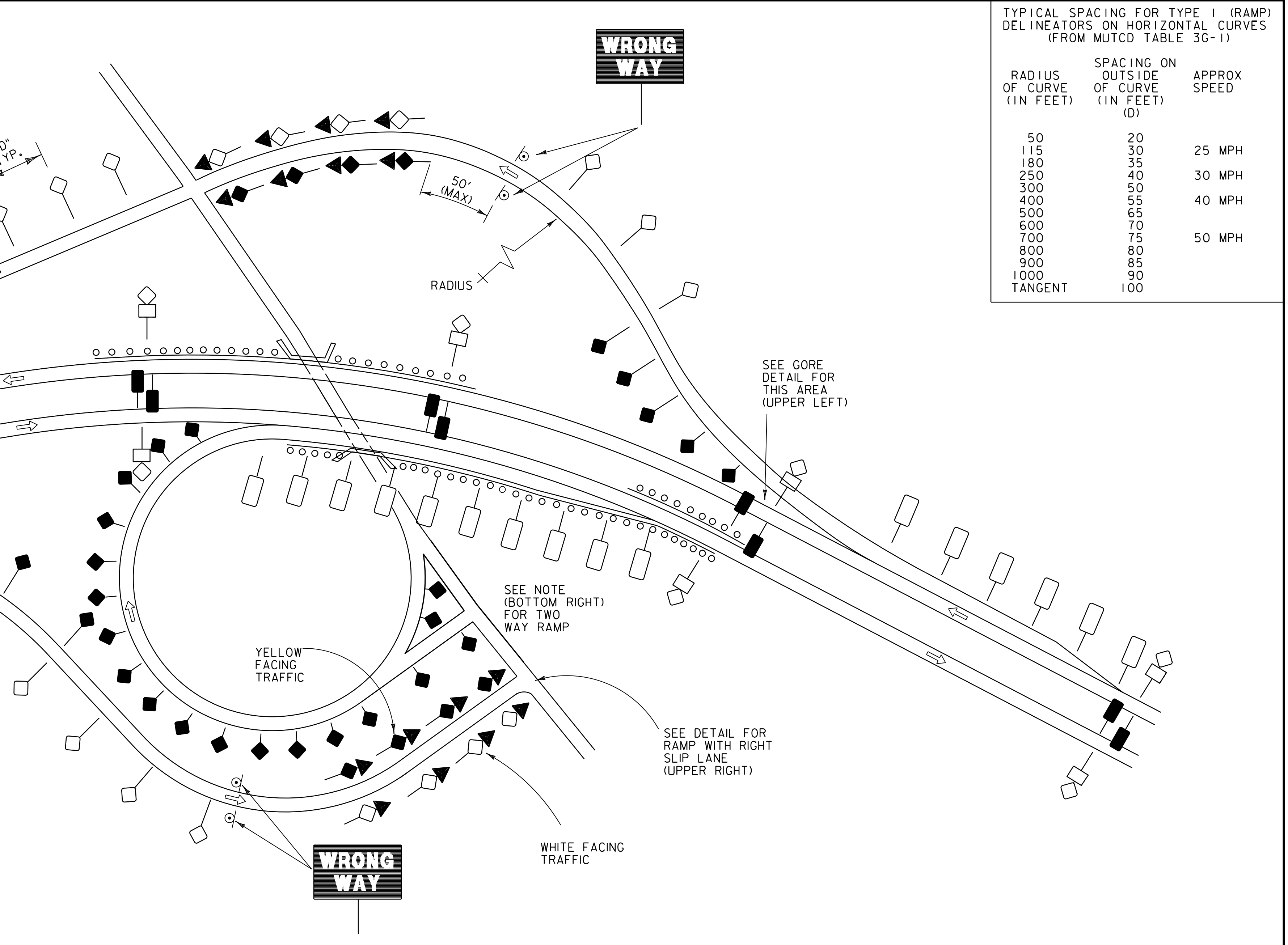
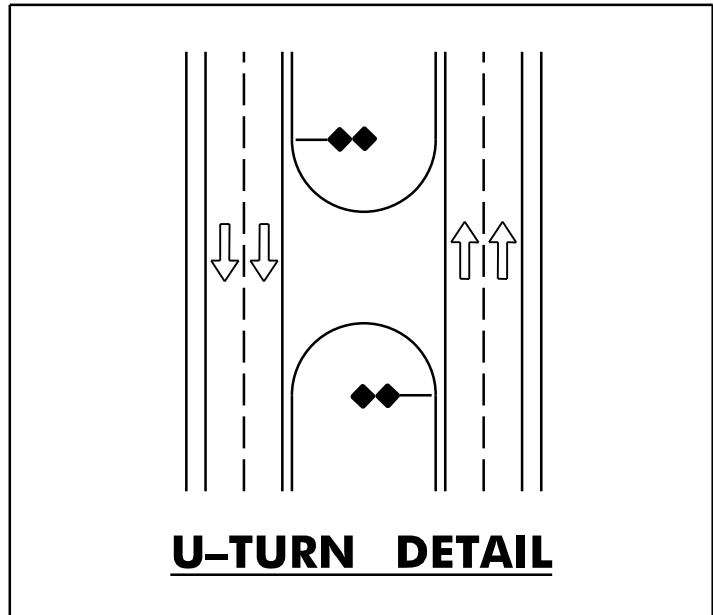
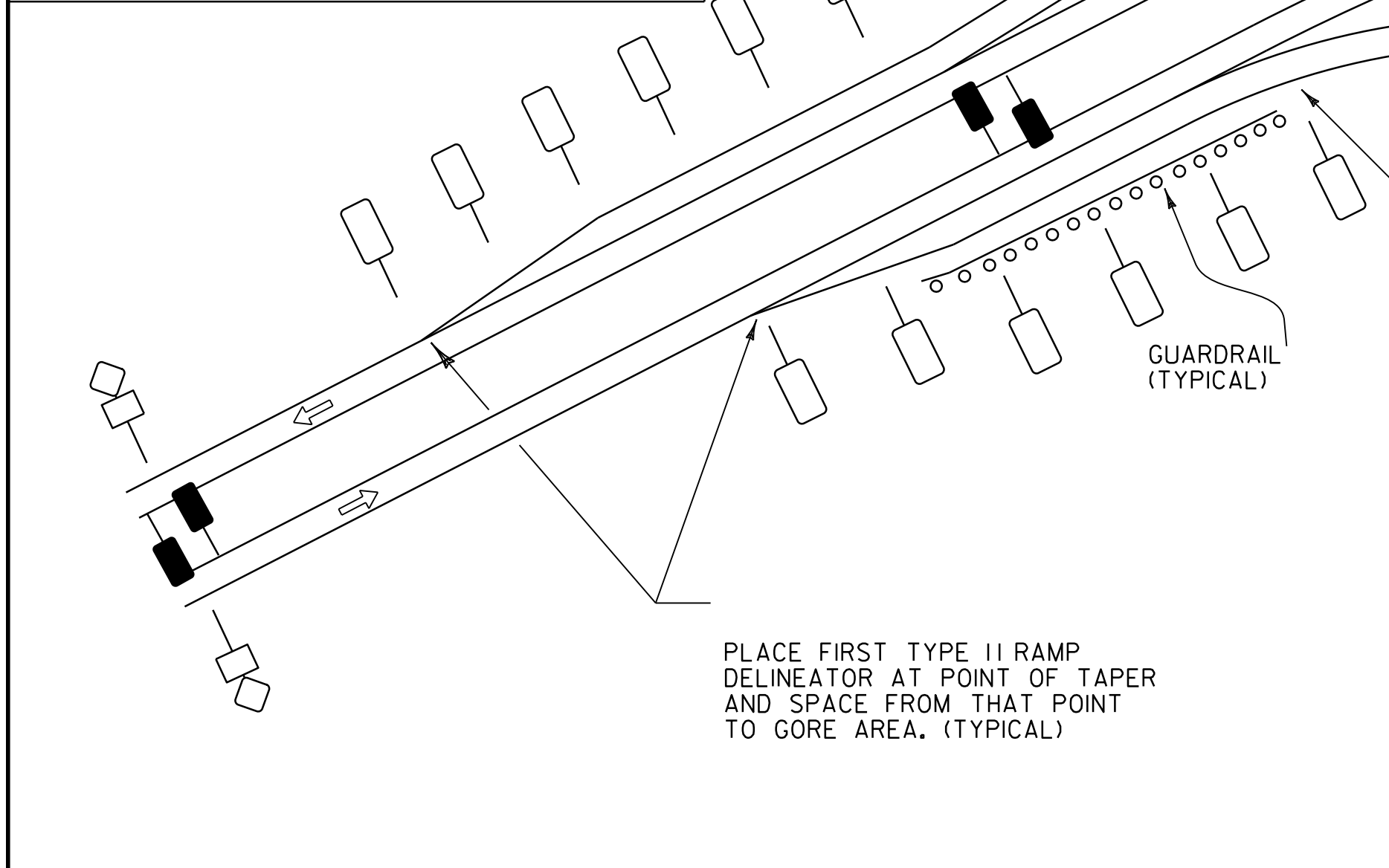
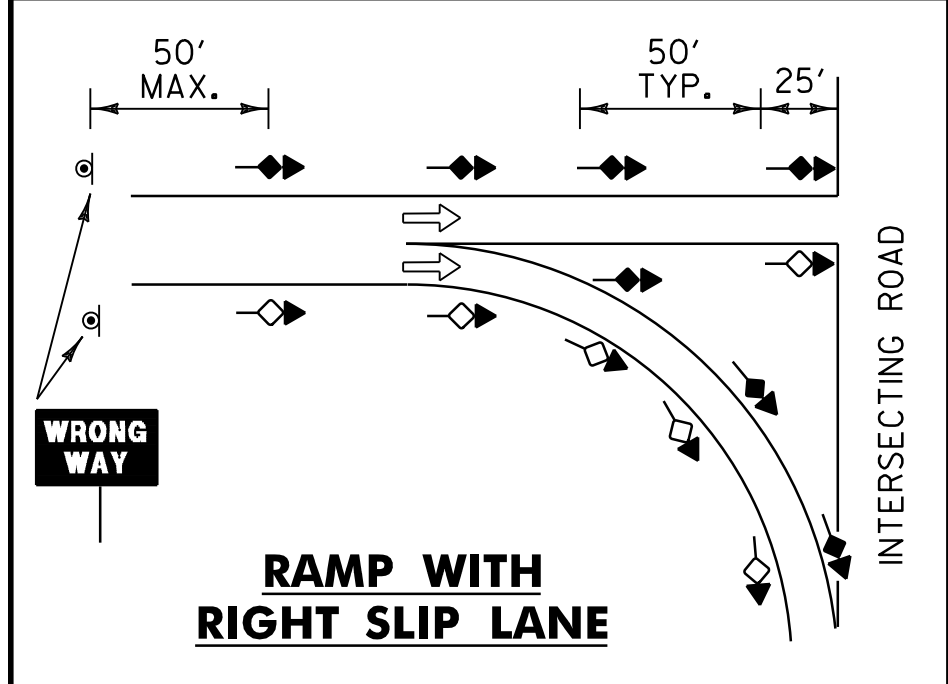
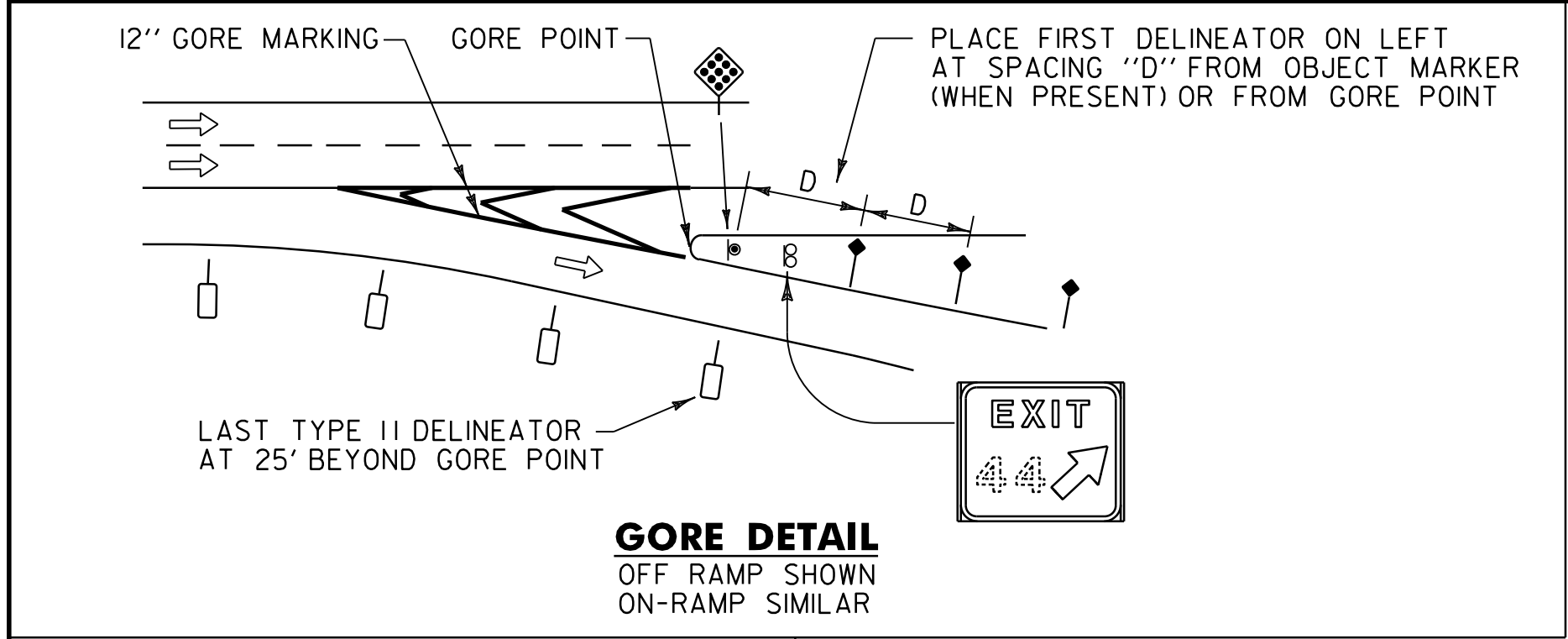




TYPICAL SPACING FOR TYPE I (RAMP) DELINEATORS ON HORIZONTAL CURVES (FROM MUTCD TABLE 3G-1)		
RADIUS OF CURVE (IN FEET)	SPACING ON OUTSIDE OF CURVE (IN FEET) (D)	APPROX SPEED
50	20	25 MPH
115	30	
180	35	
250	40	
300	50	
400	55	40 MPH
500	65	
600	70	
700	75	
800	80	
900	85	50 MPH
1000	90	
TANGENT	100	

YELLOW

WHITE

OR

TYPE I DELINEATOR

TYPE I (WHITE) WITH MILEPOST PLAQUE

TWO VERTICALLY STACKED TYPE I (YELLOW)

TYPE II DELINEATOR

RED ON BACK WHITE

RED ON BACK YELLOW

A TYPE III DELINEATOR CONSISTS OF A TYPE I DELINEATOR FACING THE NORMAL DIRECTION OF TRAVEL AND A TYPE I RED DELINEATOR FACING THE OPPOSITE DIRECTION.

DIRECTION OF TRAVEL

MAINLINE DELINEATORS

TYPE I DELINEATORS WITH APPROPRIATE MILEPOST PLAQUES SHALL BE ERECTED CONTINUOUSLY ALONG THE RIGHT SIDE OF DIVIDED HIGHWAYS BETWEEN MILEMARKER SIGNS, AT 0.05 MILE INTERVALS.

TYPE II YELLOW DELINEATORS SHALL BE ERECTED CONTINUOUSLY ALONG THE LEFT SIDE OF DIVIDED HIGHWAYS, CONTINUED AT APPROXIMATELY THE SAME SPACING THROUGH INTERCHANGES AND REST AREAS WHERE THERE MAY NOT BE ANY TYPE I DELINEATORS ON THE RIGHT SIDE. PLACEMENT OF TYPE II DELINEATORS SHALL BE FOLLOWED ON THE LEFT AS ON THE RIGHT, AT 0.05 MILE INTERVALS.

MAINLINE DELINEATORS ON THE RIGHT SIDE SHALL BE OMITTED ALONG THE DECELERATION AND ACCELERATION LANES, HOWEVER THE SUCCEEDING SPACING SHALL BE AS IF THE PLAQUES HAD BEEN ERECTED CONTINUOUSLY.

U-TURN DELINEATORS SHALL BE PLACED WHERE THE U-TURN RADII MEETS THE TANGENT OF THE MAINLINE.

PLACEMENT NOTES

TYPE I (RAMPS)

TYPE I DELINEATORS ARE TO BE PLACED ON THE OUTSIDE OF RAMP CURVES AND ON THE DRIVERS RIGHT ON TANGENTS AT THE APPROPRIATE SPACING FOR CURVE RADIUS OR RAMP SPEED AS SHOWN ON THE CHART (UPPER RIGHT). YELLOW DELINEATORS ARE REQUIRED ON THE DRIVER'S LEFT AND WHITE DELINEATORS ON THE RIGHT. DELINEATORS SHALL NOT BE OMITTED BEHIND GUARDRAIL ON THE RAMPS.

TYPE II

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 GUARDRAIL.

TYPE III

TYPE III DELINEATORS SHALL BE PLACED BEGINNING 25 FEET FROM THE INTERSECTING ROADWAY AND EXTENDING TO THE "WRONG WAY" SIGNS ALONG RAMPS AT 50' INTERVALS. THE "WRONG WAY" SIGNS ARE TYPICALLY 250 FEET FROM THE INTERSECTING ROADWAY.

WHEN THE TRAVEL LANES FOR A TWO WAY RAMP ARE SEPARATED BY ONLY A NARROW MEDIAN AND THERE IS A 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.

REV.	DATE	DESCRIPTION
0	APR. 9, 2014	ORIGINAL APPROVAL
1	JUN. 24, 2025	MUTCD UPDATE
OTHER STANDARDS REQUIRED: T-40, T-45		
VTRANS AND FHWA APPROVAL ON FILE WITH CONTRACT ADMINISTRATION		

FREEWAY ~ EXPRESSWAY DELINEATOR PLACEMENT

STANDARD
T-43