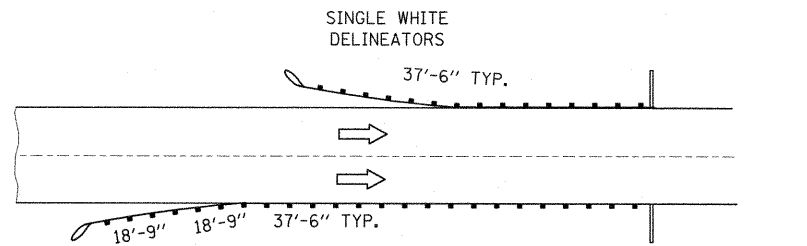
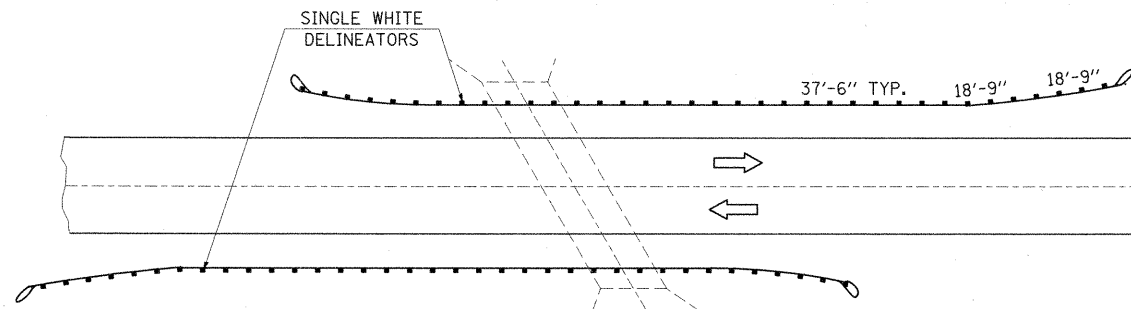


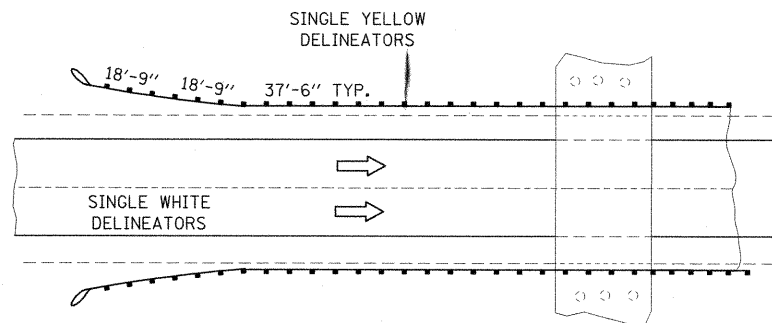
TYPICAL GUARDRAIL DELINEATION



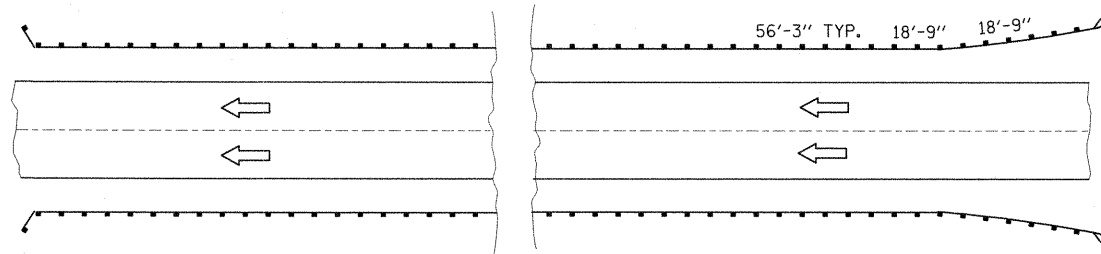
BRIDGE APPROACH INSTALLATION (TWO-WAY TRAFFIC)



ROADSIDE OBSTACLE INSTALLATION - LENGTH 250' OR LESS (TWO WAY TRAFFIC)

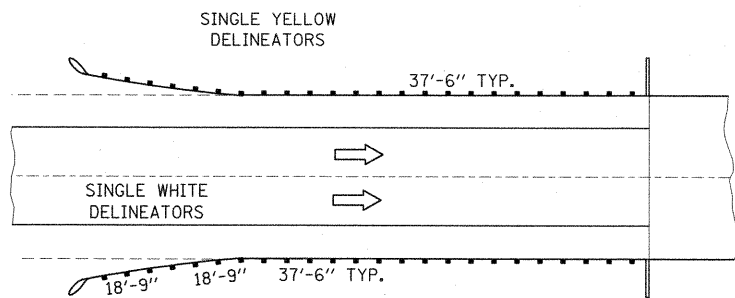


ROADSIDE OBSTACLE INSTALLATION - LENGTH 250' OR LESS (ONE WAY TRAFFIC)

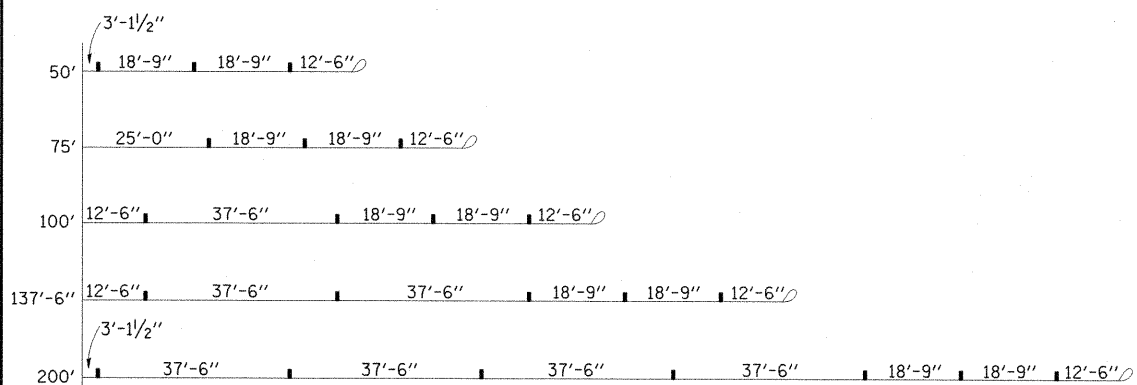


EMBANKMENT OR ROADSIDE OBSTACLE INSTALLATION - LENGTH GREATER THAN 250'

(ONE-WAY TRAFFIC SHOWN DELINEATOR SPACING FOR TWO-TRAFFIC SIMILAR. DELINEATOR COLOR WILL BE THE SAME AS THE ADJACENT PAVEMENT EDGE MARKING)



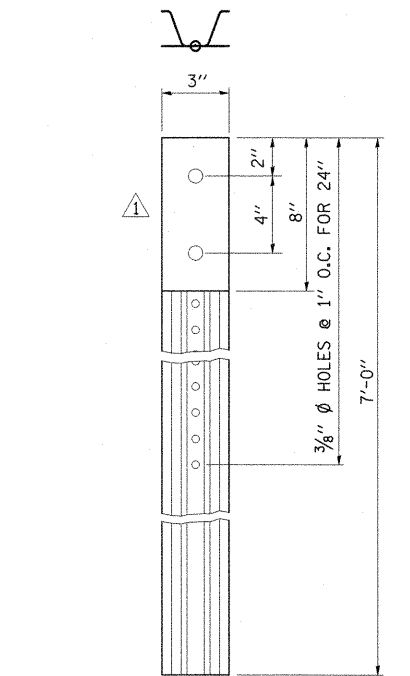
BRIDGE APPROACH INSTALLATION (ONE-WAY TRAFFIC)



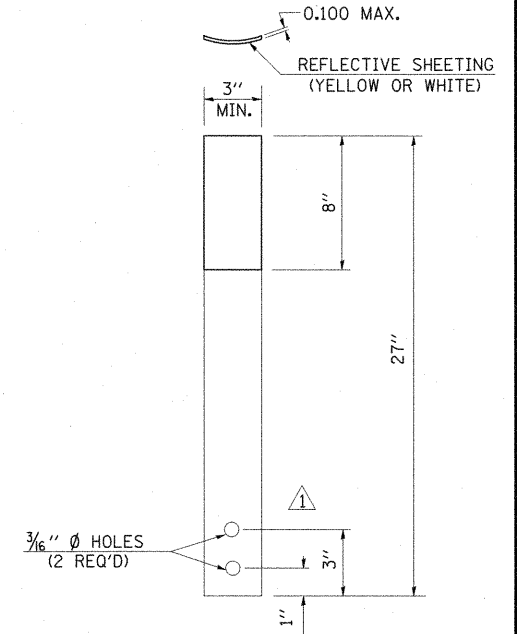
GRAPHICS SHOWING SPACING OF GUARDRAIL DELINEATORS AT SOME COMMONLY USED BRIDGE APPROACHES

STD. 9-42

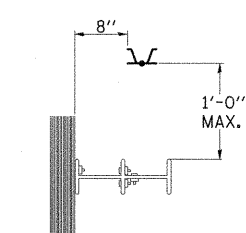
REVISIONS	
DRAWN	5-17-97
REVISED	01-10-07
RESIZED	05-06-08



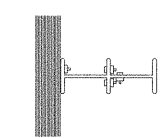
DETAIL OF A SINGLE WHITE OR SINGLE YELLOW DELINEATOR



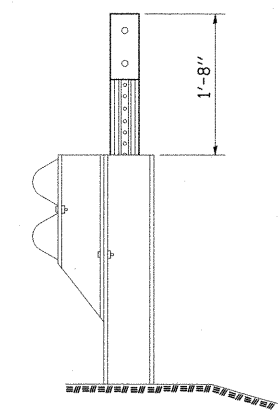
DETAIL OF FLEXIBLE GUARDRAIL DELINEATOR



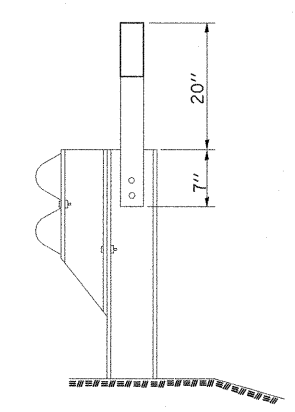
PLAN VIEW



PLAN VIEW



TYPICAL STEEL POST GUARDRAIL DELINEATOR INSTALLATION



TYPICAL FLEXIBLE GUARDRAIL DELINEATOR INSTALLATION

GENERAL NOTES

- THE UNIT PRICE OF DELINEATOR INCLUDES: COST(S) OF DELINEATOR FACE(S), POST, HARDWARE, AND INSTALLATION.
- DELINEATOR FACE WILL BE ENCAPSULATED LENS REFLECTIVE SHEETING.
- DELINEATORS ON STEEL POSTS
 - DELINEATOR FACE SHALL BE PLACED ON 0.06" SHEET ALUMINUM OR 14 GAGE GALVANIZED SHEET STEEL
 - DELINEATOR POSTS SHALL BE GALVANIZED STEEL U-SECTION POSTS (2.0 TO 2.5 LBS PER FT.). THE POSTS ARE TO BE FABRICATED BEFORE THE METAL IS GALVANIZED. RADIUS IN BENDS OF POST CROSS-SECTION NOT TO EXCEED 1/2 INCH FOR HOT ROLLED SECTION.
 - WHEN COVER OVER A DRAINAGE STRUCTURE IS LESS THAN THE NORMAL DELINEATOR POST DEPTH, THE DELINEATOR POSTS WILL BE FIELD CUT, DRILLED AND FASTENED TO THE BACK OF THE GUARDRAIL POSTS WITH (2) 1/4" LAG SCREWS.
- DELINEATORS ON FLEXIBLE POSTS
 - DELINEATOR POSTS SHALL BE WHITE IN COLOR.
 - THE DELINEATOR POSTS WILL BE SECURED TO METAL GUARDRAIL POSTS BY TWO HUCK RIVETS (PIN *C6LB-R6-7C; COLLAR *3LCW-2R6-6) OR EQUIVALENT. A 3/8" GALVANIZED FLANGED NUT WILL BE PLACED BETWEEN THE DELINEATOR POST AND GUARDRAIL POST ON EACH RIVET. HOLES IN THE STEEL GUARDRAIL POSTS SHALL BE 1/4" DIAMETER AND MAY BE SHOP FABRICATED OR FIELD DRILLED.



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT DETAILS
ILLINOIS ROUTE 13

FILE NAME =	USER NAME = OpenH&B Springfield	DESIGNED -	REVISED -
I:\dot\0906603\draw\cadd\sheet\0906603\shd\details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/18/2011	DATE - 12/9/11	REVISED -

SCALE: N/A SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(IX-1) VB-1, B-1, N-4, R-3	WILLIAMSON	367	300
				CONTRACT NO. 98859
ILLINOIS FED. AID PROJECT				