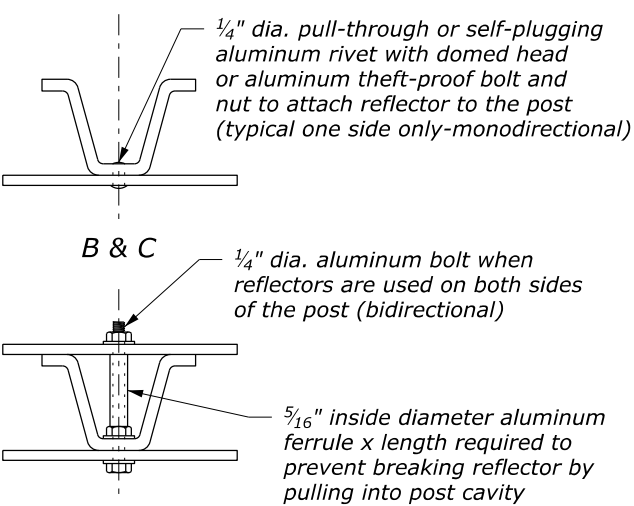
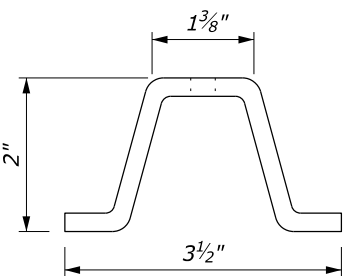


REFLECTOR DETAILS

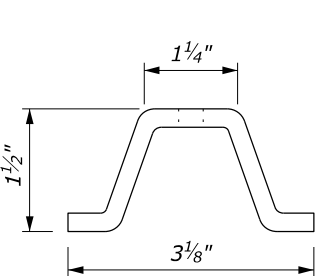
DELINEATION MARKER REFLECTOR		
TYPE	COLOR OF REFLECTOR	REFLECTORIZED
A	White	Front & Rear
B	White	Front
C	Yellow	Front
D	Yellow	Front & Rear



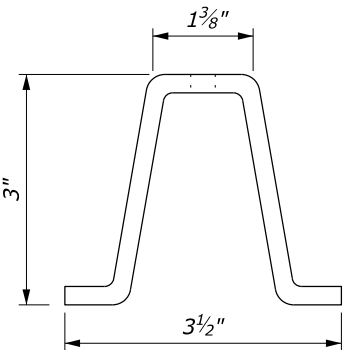
ATTACHMENT DETAIL



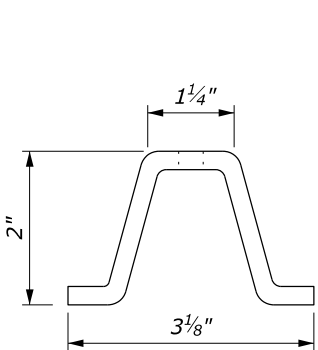
STEEL POST  
4 lbs/ft



STEEL POST  
2 lbs/ft



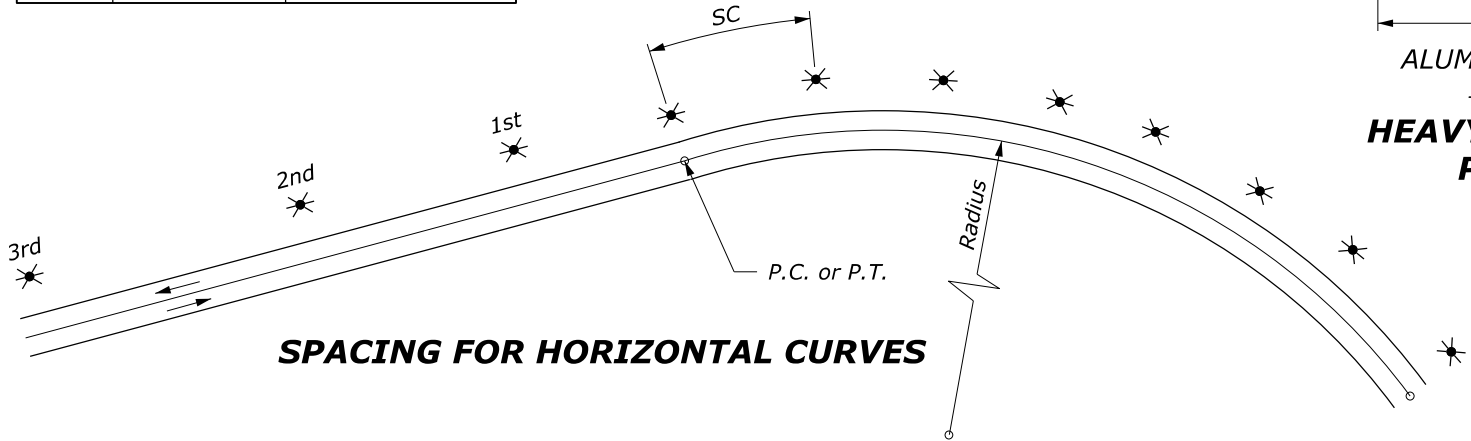
ALUMINUM POST  
1.8 lbs/ft



ALUMINUM POST  
0.9 lbs.ft

HEAVY CHANNEL POSTS

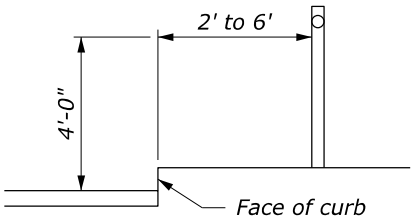
LIGHT CHANNEL POSTS



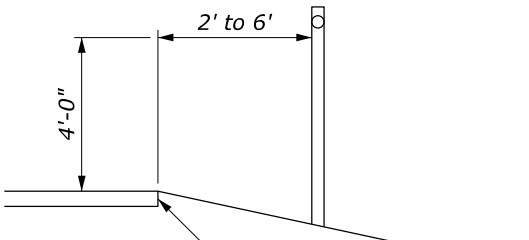
SPACING FOR HORIZONTAL CURVES

HORIZONTAL CURVES				
CURVE RADIUS (FEET)	SPACING ON EACH SIDE OF ROADWAY (FEET)			
	ON CURVE *	IN ADVANCE OF & BEYOND CURVE		
		1st SPACE	2nd SPACE	3rd SPACE
10,000	300	300	300	300
5,000	200	300	300	300
4,000	190	300	300	300
3,000	165	300	300	300
2,000	130	235	300	300
1,000	90	160	270	300
900	85	155	250	300
800	80	145	240	300
700	75	135	225	300
600	70	125	210	300
500	65	115	195	300
400	55	100	165	300
300	50	90	150	300
250	40	70	120	240
200	35	65	105	210
150	30	55	90	180
100	20	35	60	120
75	20	25	45	90

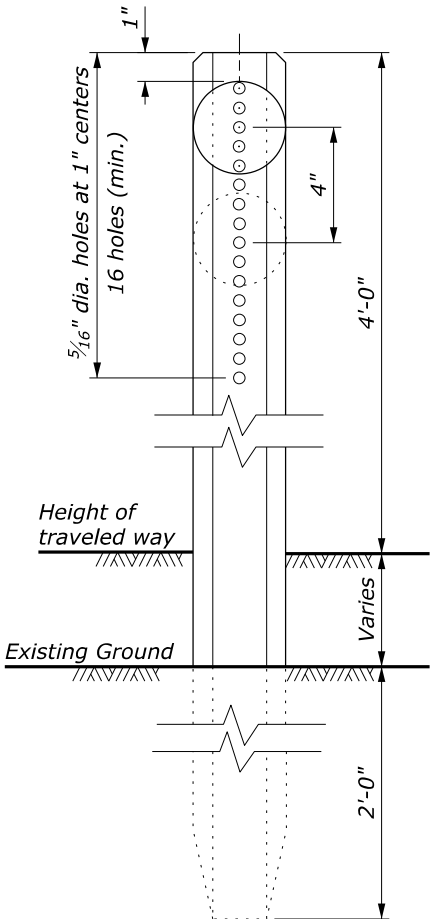
\* Spacing for specific radii not shown may be interpolated from the formula:  $Spacing = 3 \sqrt{R-50}$   
(Minimum spacing: 20 feet; Maximum spacing: 300 feet)



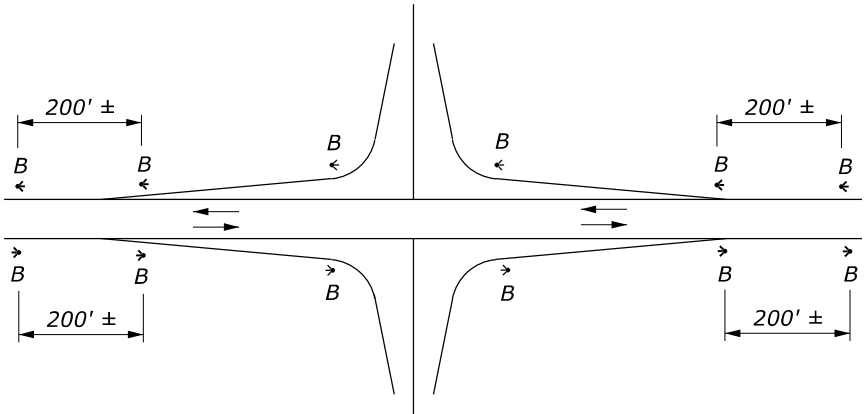
WITH CURB



WITHOUT CURB



POST DETAIL

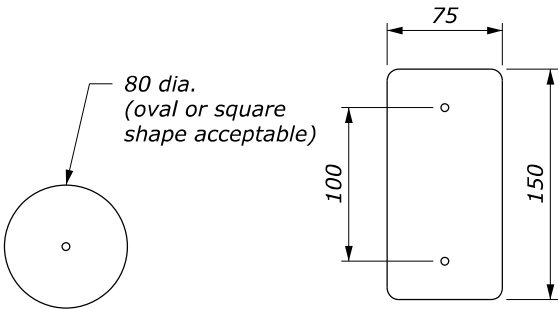


Two Way Road  
ROAD INTERSECTIONS

NO SCALE

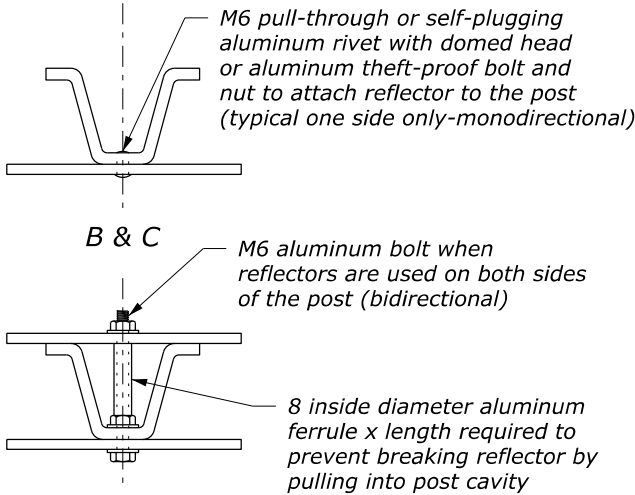
NOTE:

1. Vary the post spacing up to 1/8 of the spacing shown to clear driveways, cross roads, intersections or ramps. Eliminate the post in cases where the variation is exceeded.
2. Dimensions of channel posts shown indicate general design only and may vary slightly among manufacturers.
3. When specified, rectangular 3" x 6" reflectors may be used in lieu of double disk reflector.
4. Offset delineators 2 feet unless otherwise shown.
5. See plans for delineator reflector colors.
6. Use tangent spacing of 500 feet ± (525 feet maximum).
7. When the contract does not include the final pavement, allow for the ultimate base and pavement thickness when establishing the traffic delineator elevation.
8. On two way roads, stagger markers on opposite sides of the road.

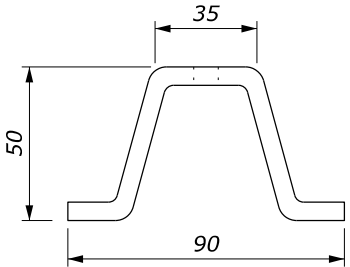


REFLECTOR DETAILS

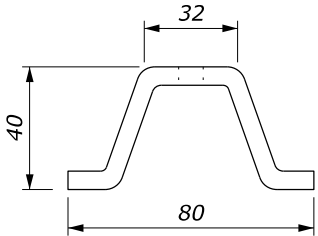
DELINEATION MARKER REFLECTOR		
TYPE	COLOR OF REFLECTOR	REFLECTORIZED
A	White	Front & Rear
B	White	Front
C	Yellow	Front
D	Yellow	Front & Rear



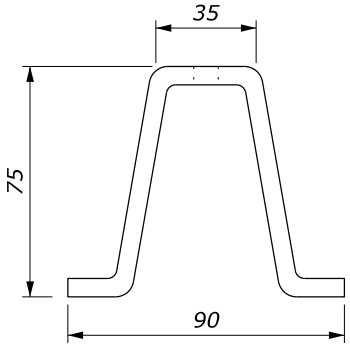
ATTACHMENT DETAIL



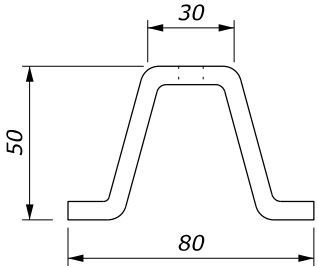
STEEL POST  
3.95 kg/m



STEEL POST  
2.97 kg/m



ALUMINUM POST  
2.68 kg/m



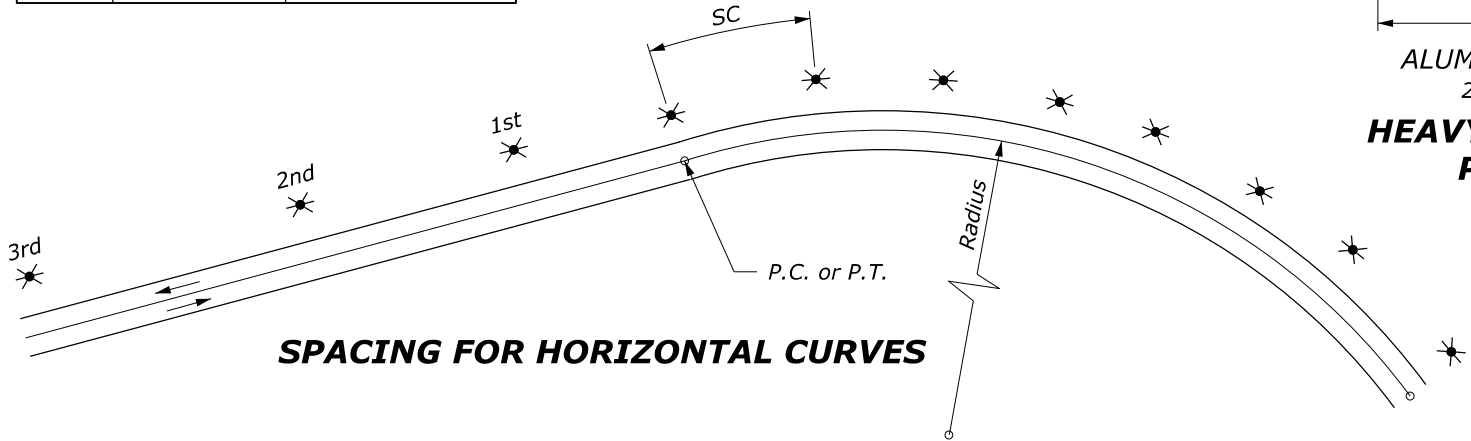
ALUMINUM POST  
1.33 kg/m

HEAVY CHANNEL  
POSTS

LIGHT CHANNEL  
POSTS

NOTE:

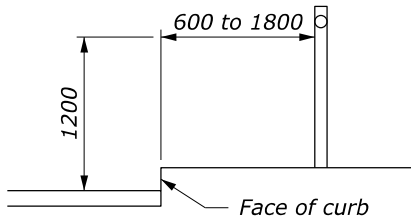
1. Vary the post spacing up to 1/8 of the spacing shown to clear driveways, cross roads, intersections or ramps. Eliminate the post in cases where the variation is exceeded.
2. Dimensions of channel posts shown indicate general design only and may vary slightly among manufacturers.
3. When specified rectangular 75 x 150 mm reflectors may be used in lieu of double disk reflector.
4. Offset delineators 600 mm unless otherwise shown.
5. See plans for delineator reflector colors.
6. Use tangent spacing of 150 m ± (160 m maximum).
7. When the contract does not include the final pavement, allow for the ultimate base and pavement thickness when establishing the traffic delineator elevation.
8. On two way roads, stagger markers on opposite sides of the road.
9. Furnish hardware in the metric sizes shown. Equivalent US Customary sizes may be used when metric sizes are unavailable.
10. Dimensions without units are millimeters.



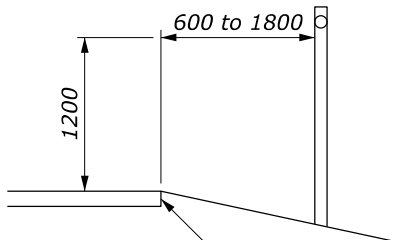
SPACING FOR HORIZONTAL CURVES

HORIZONTAL CURVES				
CURVE RADIUS (METERS)	SPACING ON EACH SIDE OF ROADWAY (METERS)			
	ON CURVE *	IN ADVANCE OF & BEYOND CURVE		
		1st SPACE	2nd SPACE	3rd SPACE
3000	90	90	90	90
1500	64	90	90	90
1200	57	90	90	90
900	49	90	90	90
600	40	80	90	90
300	28	56	84	90
270	26	52	78	90
240	25	50	75	90
210	23	46	69	90
180	22	44	66	90
150	19	38	57	90
120	17	34	51	90
90	14	28	42	84
75	13	26	39	78
60	11	22	33	66
45	9	18	27	54
30	6	12	18	36
25	6	12	18	36

\* Spacing for specific radii not shown may be interpolated from the formula:  $Spacing = 1.65 \sqrt{R-15}$   
(Minimum spacing: 6 m; Maximum spacing: 90 m)

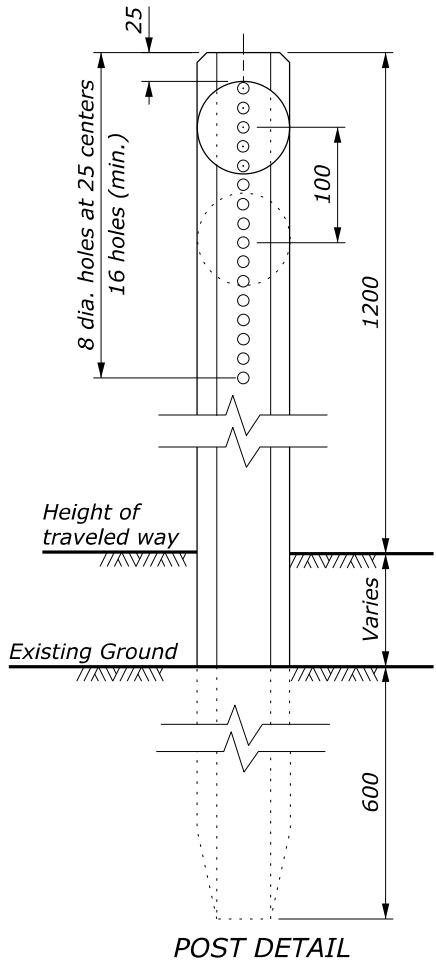


WITH CURB

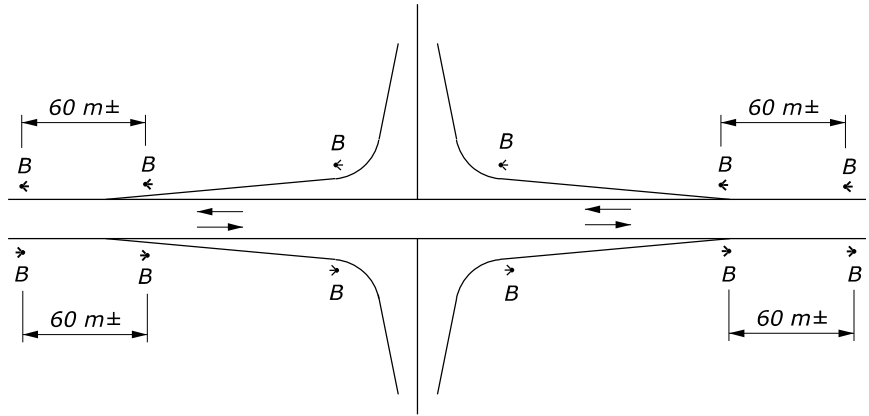


WITHOUT CURB

TYPICAL INSTALLATION



POST DETAIL



Two Way Road

ROAD INTERSECTIONS

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION OFFICE OF FEDERAL LANDS HIGHWAY	
WFLHD METRIC DETAIL	
ALASKA DELINEATORS	
DETAIL APPROVED FOR USE 7/2016 REVISED:	DETAIL WM633-40

NO SCALE