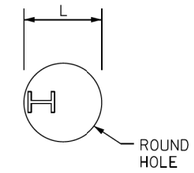
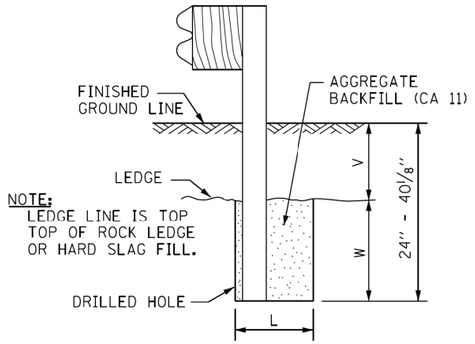
TABLE 1			
V	W	L	
		STEEL POST	WOOD POST
0 - 16 1/8''	24''	21''	23''
> 16 1/8'' - 28 1/8''	12''	8''	10''
> 28 1/8'' - 40 1/8''	12'' - 0 (*)	8''	10''

* V+W=40 1/8''

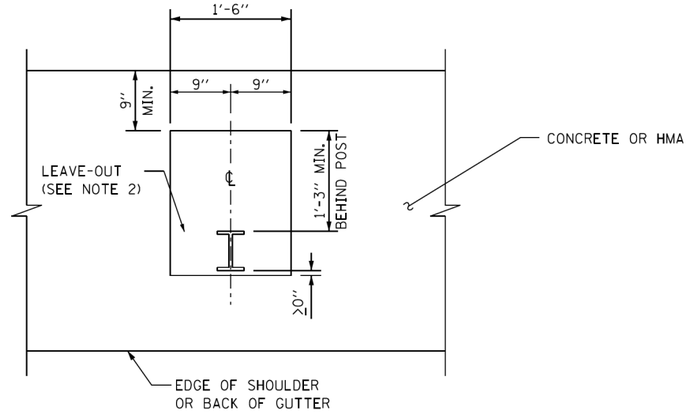


PLAN

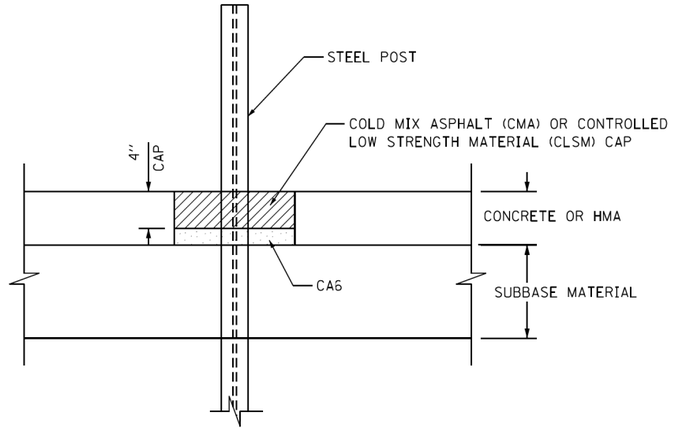


ELEVATION

FOOTING FOR POST WHEN IMPERVIOUS MATERIAL IS ENCOUNTERED



PLAN



ELEVATION

LEAVE-OUTS

NOTES:

1. CAP SHALL BE INSTALLED TO MATCH THE EXISTING CROSS SLOPE.
2. THE LEAVE-OUT SHALL BE DEFINED AS THE AREA AROUND THE POST THAT IS EITHER OMITTED FROM THE NEW CONSTRUCTION OR REMOVED FROM THE EXISTING CONCRETE OR HMA.

Paul Kovacs
APPROVED ..... CHIEF ENGINEER DATE 7-1-2009.

SHEET 3 OF 4

Illinois Tollway
Open Roads for a Faster Future

GALVANIZED STEEL PLATE BEAM GUARDRAIL

STANDARD C1-05

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbandainc.com

FILE NAME = $FILES$	USER NAME = default	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = H:1"=10' V:1"=5'	CHECKED - RGR	REVISED -
	PLOT DATE = 6/18/2012	DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOLLWAY STANDARD DRAWING

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	635
		CONTRACT NO. 60L77		
		ILLINOIS FED. AID PROJECT		

S:\101\05_CADD\60L77 IL 173\60L77 Sheets\D160L77-sht-ISTHA details.dgn