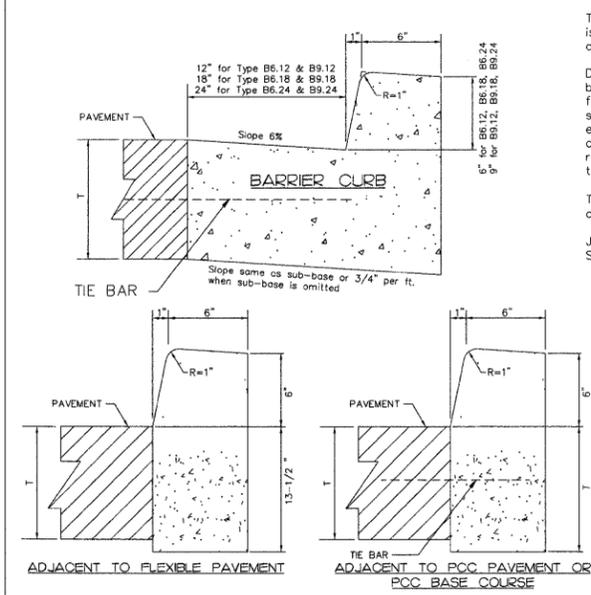


	REVISIONS		
	NO.	BY	DATE
DATE APPROVED: 02-13-03			



	REVISIONS		
	NO.	BY	DATE
DATE APPROVED: 02-13-03			

THICKNESS - T - Thickness of pavement. When curb & gutter is constructed adjacent to flexible pavement, the vertical thickness of the gutter flag shall be 9". Also, tie bars shall be omitted.

DRAINAGE OPENINGS - At all locations where metal casings are to be incorporated in the curb and gutter, a 1" thick preformed joint filler, conforming to the cross sections of the curb and gutter, shall be installed in the curb and gutter a distance of 10 ft. from each side of the metal casing. When the width of the metal casing is less than the width of the curb and gutter, 2 - No. 4 rebar (L = 12" + casing length + 12") shall be incorporated in the continuous portion of concrete gutter in front of the casing.

TRANSITIONS - The transition from full height curb to depressed curb shall be made at the rate of 3" per foot of length or flatter.

JOINTS - In addition to the requirements of Article 606 of the Standard Specifications, joints shall be constructed as follows.

When curb & gutter is constructed adjacent to P.C.C. pavement, contraction joints, spaced at 10' intervals shall be sawcut within 24 hours. Expansion joints shall be installed in the curb and gutter in prolongation with joints in adjacent P.C.C. pavement or base course.

When curb and gutter is constructed adjacent to flexible pavement, a 1" thick preformed expansion joint filler, conforming to the cross section of the curb and gutter shall be installed every 90' max., at points of curvature for short radius curves and at construction joints. Contraction joints shall be sawcut within 24 hours between expansion joints at distances not to exceed 15 feet.

All expansion joints shall be placed 5 feet on either side of every drainage structure located within the curb and gutter. All expansion joints shall be provided with a 1 1/4" dia. x 18" coated smooth dowel bar conforming to Article 1006.11(b) of the Standard Specifications. The dowel bar shall be fitted with a cap having a pinched stop that will provide 1" of expansion.

Curb & gutter located over utility crossings and at depressions for sidewalks shall be reinforced with 2-no. 4 bars on 12" centers at a length of 20' as approved by the Engineer.

All construction joints shall be provided with 1/2" dia. deformed steel tie bars 30' long conforming to AASHTO M-31 of M-53. Tie bars shall be placed on 9"± centers (minimum 2 per joint).



USER NAME = jguerrero	DESIGNED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE = 4/9/2009	CHECKED -	REVISED -
	DATE - TBD	REVISED -

VILLAGE OF LAKE IN THE HILLS 2009 LAPP RESURFACING PROGRAM

DETAILS			
SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00032-00-RS	MCHENRY	21	19
FED. ROAD DIST. NO.			CONTRACT NO. 63164	
ILLINOIS FED. AID PROJECT				