TABLE 2

	BARRIER CLEARANCE DISTANCE		
GUARDRAIL SYSTEM	POST SPACING	DESIRABLE BARRIER CLEARANCE DISTANCE	MINIMUM BARRIER CLEARANCE DISTANCE
TYPE A	6'-3"	42"	28"
TYPE B 1/2 POST SPACING	3'-1 1/2"	30"	23"
TYPE C 1/4 POST SPACING	1'-6 3/4"	24"	14"

TRANSITION TO 1/2-POST SPACING

TRANSITION TO 1/4-POST SPACING

NOTES:

1. DESIRABLE BARRIER CLEARANCE DISTANCES SHALL BE USED FOR ALL NEW INSTALLATIONS.

2. MINIMUM BARRIER CLEARANCE DISTANCES ARE ONLY TO BE USED FOR EXISTING OBSTRUCTIONS.

3. WHEN LENGTH OF OBSTRUCTION IS 1'-3" OR LESS, THE DOWNSTREAM TRANSITION SHALL BE OMITTED.

TYPE A GUARDRAIL-DRAINAGE STRUCTURE CONFLICT
ONE POST

TYPE A GUARDRAIL - DRAINAGE STRUCTURE CONFLICT
TWO POSTS

NOTES:

1. GUARDRAIL POSTS SHALL NOT BE ELIMINATED; ALL POSTS MUST BE USED.

2. GUARDRAIL POSTS SHALL NOT BE SET BACK TO AVOID CONFLICTS WITH A DRAINAGE STRUCTURE.

3. NO MODIFICATIONS OF ANY KIND TO THE TRANSITION POST SPACING ARE ALLOWED.

SHEET 4 OF 4

Illinois Tollway
Open Roads for a Faster Future

GALVANIZED STEEL PLATE
BEAM GUARDRAIL

STANDARD C1-05

APPROVED Paul Kovacs DATE 7-1-2009
CHIEF ENGINEER

FILE NAME = $FILES$	USER NAME = default	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TOLLWAY STANDARD DRAWING		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				94	49-1-R-1	LAKE	677	636
	PLOT SCALE = H:1"=10' V:1"=5'	CHECKED - RGR	REVISED -						CONTRACT NO. 60L77		
	PLOT DATE = 6/18/2012	DATE - 6/19/2012	REVISED -		SCALE:	SHEET NO. N/A OF N/A SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		