



40FT SLOPE HEIGHT CATCHMENT AREA WIDTH-W			50FT SLOPE HEIGHT CATCHMENT AREA WIDTH-W			60FT SLOPE HEIGHT CATCHMENT AREA WIDTH-W			70FT SLOPE HEIGHT CATCHMENT AREA WIDTH-W			80FT SLOPE HEIGHT CATCHMENT AREA WIDTH-W							
PERCENT ROCKFALL RETAINED	CATCHMENT AREA SLOPE			PERCENT ROCKFALL RETAINED	CATCHMENT AREA SLOPE			PERCENT ROCKFALL RETAINED	CATCHMENT AREA SLOPE			PERCENT ROCKFALL RETAINED	CATCHMENT AREA SLOPE						
	4H:1V	6H:1V	FLAT		4H:1V	6H:1V	FLAT		4H:1V	6H:1V	FLAT		4H:1V	6H:1V	FLAT	4H:1V	6H:1V	FLAT	
	W (FT)	W (FT)	W (FT)		W (FT)	W (FT)	W (FT)		W (FT)	W (FT)	W (FT)		W (FT)	W (FT)	W (FT)		W (FT)	W (FT)	W (FT)
90%	9	10	16	90%	12	16	29	90%	16	24	42	90%	19	27	46	90%	22	31	51
95%	10	11	20	95%	14	19	35	95%	18	28	50	95%	22	32	57	95%	25	37	62

**NOTES:**

- (1) THIS TABLE SHOULD BE USED IN CONJUNCTION WITH DRAWINGS 121.0.1, 121.0.2, 121.0.3, 121.0.5.
- (2) THE WIDTHS LISTED IN THIS TABLE ARE BASED ON 4V:1H ROCK CUT SLOPE, FOUND AS 0.25V:1H ON FHWA SPR-3(032) ROCKFALL DESIGN GUIDE.
- (3) IF A ROCK SLOPE IS LESS THAN 40FT IN HEIGHT OR BETWEEN CHART HEIGHTS AN EXPERIENCED ROCK SLOPE DESIGN ENGINEER (ENGINEERING GEOLOGIST OR GEOTECHNICAL ENGINEER) NEEDS TO PROVIDE ANALYSIS AND DESIGN OF THE ROCK SLOPE AND CATCHMENT AREA BASED ON THE FHWA CATCHMENT GUIDE AND A COMPUTER SIMULATION PROGRAM SUCH AS CRSP, ROCSCIENCE ROCKFALL OR OTHER ROCKFALL SIMULATION COMPUTER PROGRAM.
- (4) IF LOCAL GEOLOGY IS NOT STABLE ENOUGH FOR A ROCK SLOPE STEEPER THAN 4V:1H, PRESPLIT ROCK SLOPE CAN BE FLATTER THAN 4V:1H. HOWEVER, THIS WOULD BE DETERMINED IN A GEOTECHNICAL REPORT.