

NO	DESCRIPTION OF REVISIONS	MADE BY	DATE
1	REISSUED STANDARD DRAWING	RLF	5/07
2			
3			
4			

GENERAL NOTES

1. For spillway details, see Std Dwg C-04.10.

NOTE TO DESIGNERS


Use earthwork cross sections for more precise spillway lengths

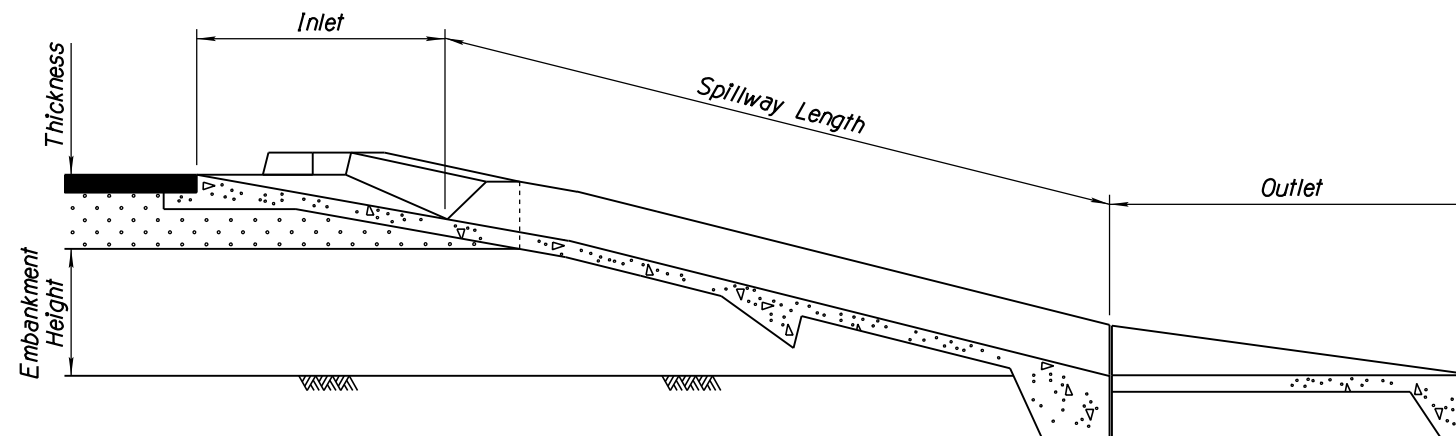
APPROXIMATE LENGTH OF SPILLWAY (F+) -- C-02.10 & C-02.20 SLOPES																
PAVEMENT STRUCTURAL SECTION THICKNESS (In)	EMBANKMENT SLOPE															
	6:1				VARIES FROM 6:1 TO 2:1						2:1					
	EMBANKMENT HEIGHT (FT)															
	5	6	7	8	10	12	14	16	18	20	22	24	26	28	30	32
12	EMBANKMENT CURB AND SPILLWAYS ARE NOT USUALLY USED FOR THIS SLOPE CONDITION. USE THE FOLLOWING EQUATION WHEN EMBANKMENT CURB AND SPILLWAY ARE REQUIRED: APPROXIMATE SPILLWAY LENGTH IN FEET = (EMBANKMENT HEIGHT PLUS PAVEMENT STRUCTURAL SECTION THICKNESS) TIMES 6				50	51	51	52	52	52	52	SPILLWAYS ARE NOT USUALLY USED FOR THIS SLOPE CONDITION. USE THE FOLLOWING EQUATION WHEN A SPILLWAY IS REQUIRED: APPROXIMATE SPILLWAY LENGTH IN FEET = (EMBANKMENT HEIGHT PLUS PAVEMENT STRUCTURAL SECTION THICKNESS) TIMES 2				
14					51	51	52	52	52	52	53					
16					52	52	52	53	53	53	53					
18					53	53	53	53	53	53	53					
20					53	53	54	54	54	54	54					
22					54	54	54	54	54	54	54					
24					59	58	57	57	57	56	56					
26					59	58	58	57	57	57	56					
28					60	59	58	58	57	57	57					
30					61	60	59	58	58	57	57					
32	62	60	60	59	58	58	57									
34	63	61	60	59	59	58	58									
36	63	62	61	60	59	59	58									


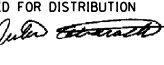
APPROXIMATE LENGTH OF SPILLWAY (F+) -- C-02.30 SLOPES												
PAVEMENT STRUCTURAL SECTION THICKNESS (In)	EMBANKMENT SLOPE											
	4:1		VARIES FROM 4:1 TO 2:1						2:1			
	EMBANKMENT HEIGHT (FT)											
	3	4	5	6	7	8	9	10	12	14		
12	12	16	20	21	22	23	23	SPILLWAYS ARE NOT USUALLY USED FOR THIS SLOPE CONDITION. USE THE FOLLOWING EQUATION WHEN A SPILLWAY IS REQUIRED: APPROXIMATE SPILLWAY LENGTH IN FEET = (EMBANKMENT HEIGHT PLUS PAVEMENT STRUCTURAL SECTION THICKNESS) TIMES 2				
14	13	17	21	22	23	23	23					
16	14	18	22	22	23	23	24					
18	14	18	22	23	23	24	24					
20	15	19	23	24	24	24	24					
22	16	20	24	24	24	25	25					
24	16	20	24	25	25	25	25					
26	17	21	25	25	25	25	25					
28	18	22	26	26	26	26	26					
30	18	22	26	26	26	26	26					
32	19	23	27	27	27	27	27					
34	20	24	28	27	27	27	27					
36	20	24	28	28	28	28	27					

C-02.10 AND C-02.20 SLOPES

C-02.30 SLOPES

 Spillways are not usually used for these slope conditions



APPROVED FOR DESIGN 	STATE OF ARIZONA DEPARTMENT OF TRANSPORTATION ROADWAY STANDARD DRAWINGS	REV. 5/12
APPROVED FOR DISTRIBUTION 	SPILLWAY LENGTH TABLE	DRAWING NO. C-04.30