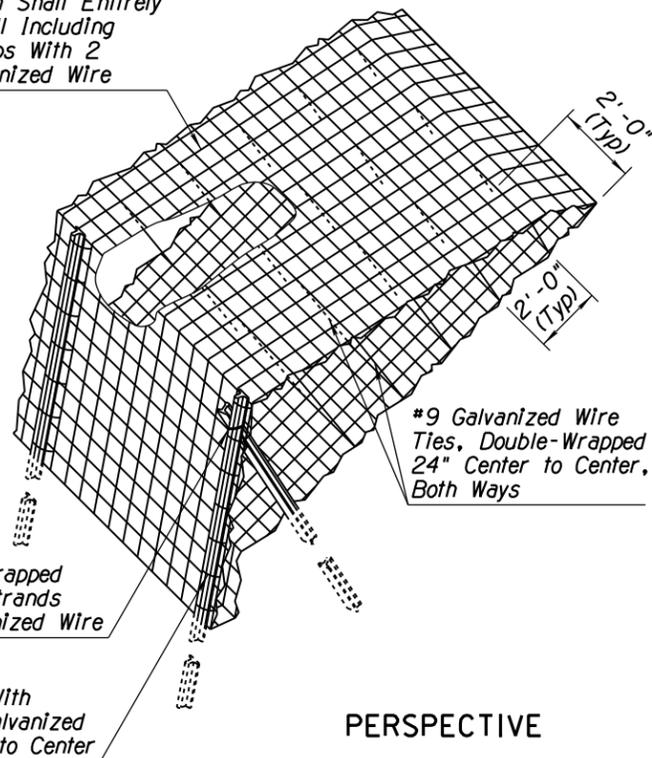


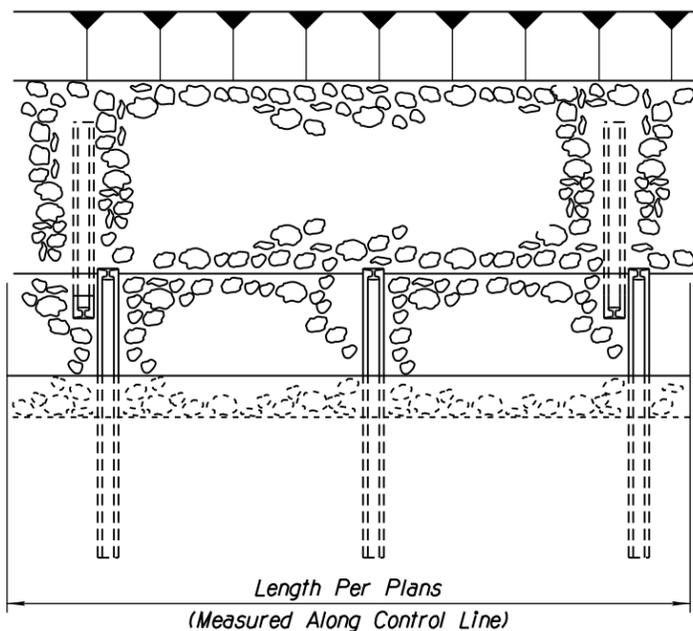
NO	DESCRIPTION OF REVISIONS	MADE BY	DATE
1	REISSUED STANDARD DRAWING	RLF	9/04
2	REVISED BOLT SPECIFICATION	RLF	5/12
3			
4			

Galvanized Wire Mesh Shall Entirely Enclose Rock Backfill Including Both Ends. Lace Laps With 2 Strands of #9 Galvanized Wire

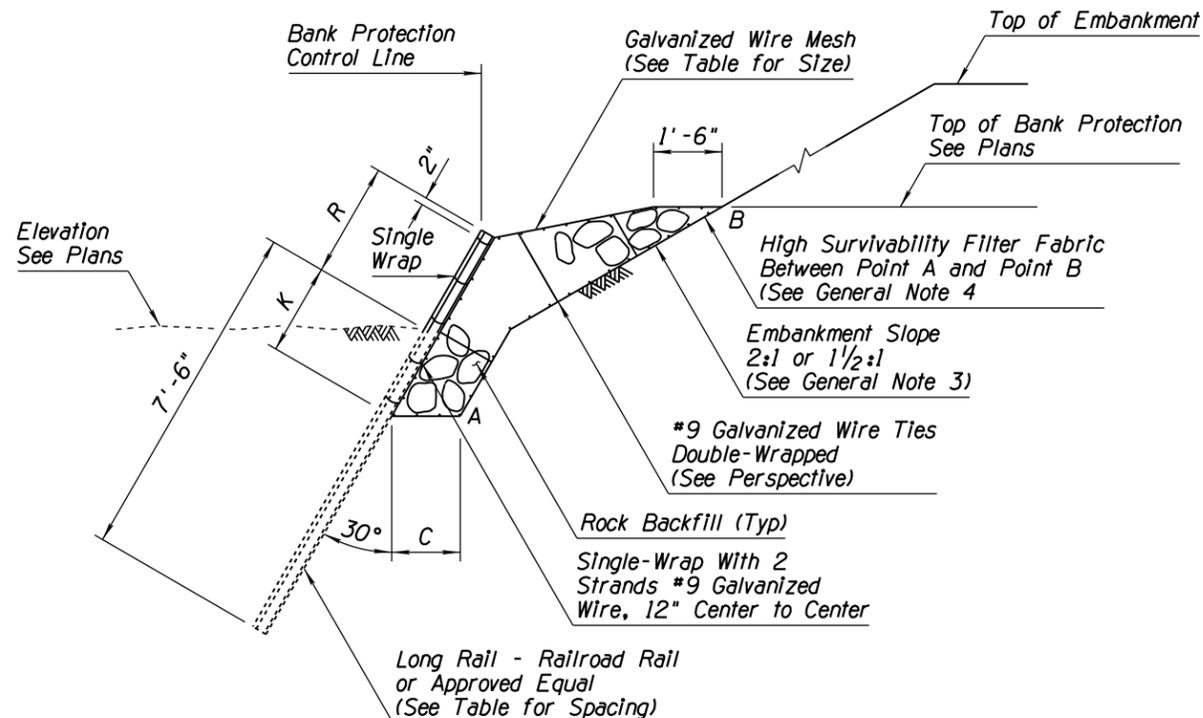


PERSPECTIVE

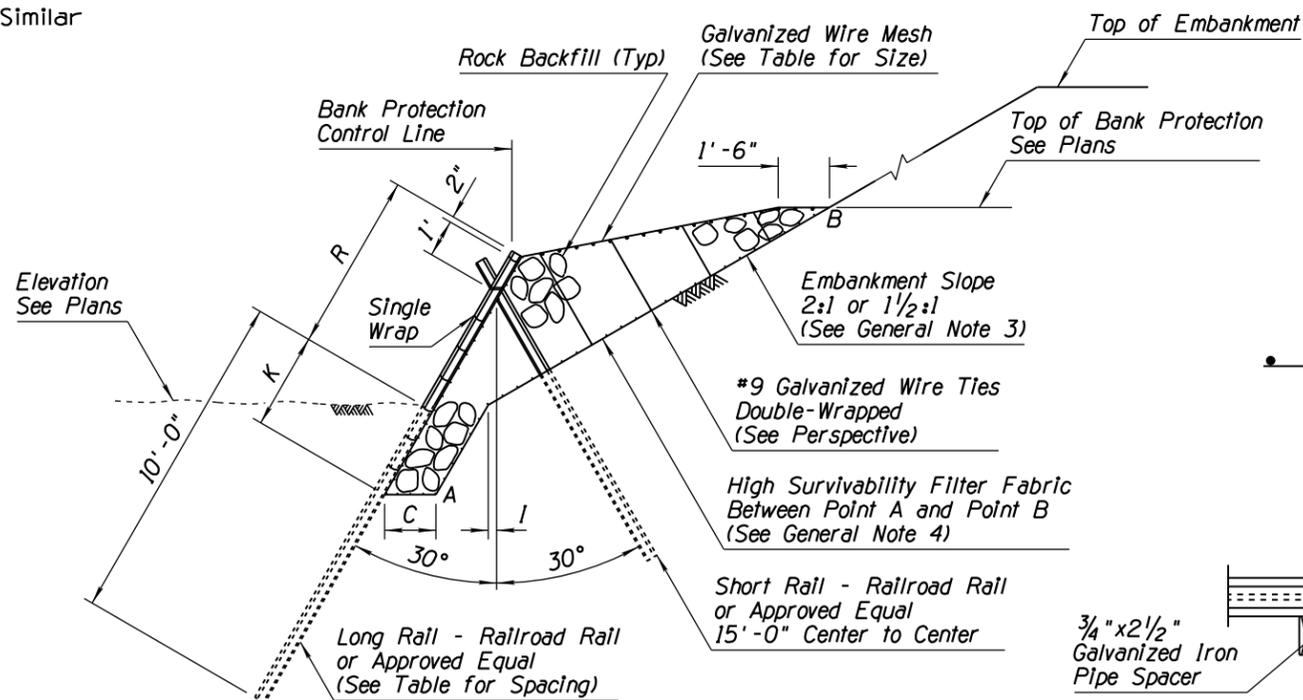
Drawn for Types 2 & 3, Type 1 Similar



PLAN OF CHANNEL BANK PROTECTION



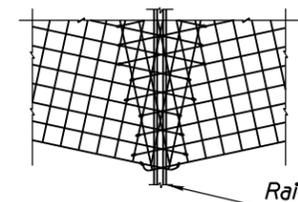
TYPE 1 BANK PROTECTION



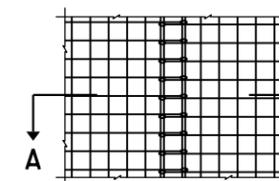
TYPE 2 AND 3 BANK PROTECTION

GENERAL NOTES

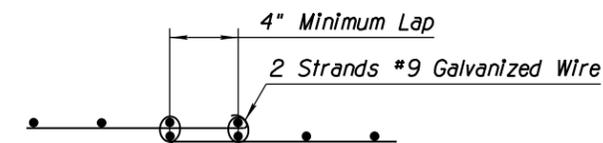
1. Rock shall conform to Std Spec 913-2.01(A). The rock shall have a minimum nominal diameter no smaller than the mesh opening, and a maximum nominal diameter of 12".
2. All mesh wire, tie wire, cable, bolts, washers and nuts shall be galvanized.
3. When other embankment slope rates are encountered, warp to 1 1/2:1 or 2:1.
4. High survivability filter fabric shall conform to Section 913-2.05 of the Standard Specifications.
5. All wire mesh on a single project shall have the same mesh opening.



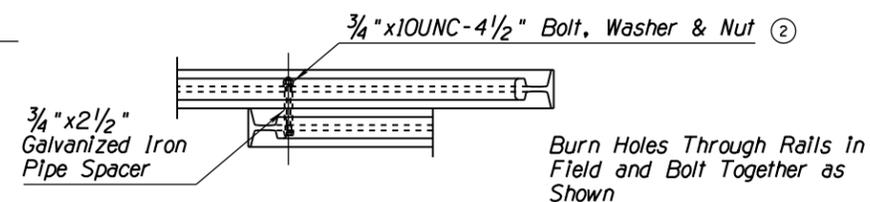
ELEVATION AT CHORD POINT ON CURVE



ELEVATION ON STRAIGHT SECTION



SECTION A - A
WIRE MESH SPLICE DETAILS



RAIL CONNECTION DETAIL

Type	SHORT RAIL LENGTH (Ft)	SHORT RAIL WT (Lbs/Yd)	LONG RAIL LENGTH (Ft)	LONG RAIL WT (Lbs/Yd)	LONG RAIL SPACING (Ft-In) (Center to Center)	MESH DESIGNATION	C (Ft-In)	I (Ft)	K (Ft-In)	R (Ft-In)	TOP OF BANK PROTECTION ABOVE THE STREAM BED (Ft)
1	N/A	N/A	10	20 Min	7-0	3" X 3" - W1.4/W1.4	1-6	0	2-0	2-6	2 to 4
2	10	20 Min	15	50 Min	7-6	or	1-6	0	3-0	5-0	4 to 7
3	12	20 Min	17	50 Min	7-6	4" X 4" - W1.4/W1.4	2-0	1	4-0	7-0	6 to 12

APPROVED FOR DESIGN

STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
ROADWAY STANDARD DRAWINGS

REV. 5/12

APPROVED FOR DISTRIBUTION

RAIL BANK PROTECTION FOR DRAINAGEWAYS TYPES 1, 2 & 3

DRAWING NO. C-17.10