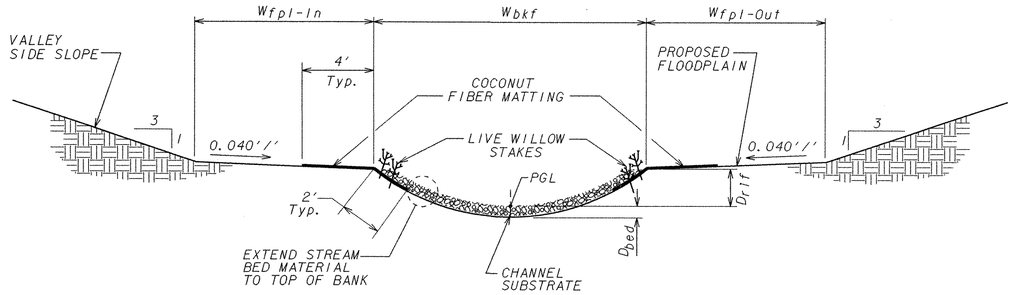
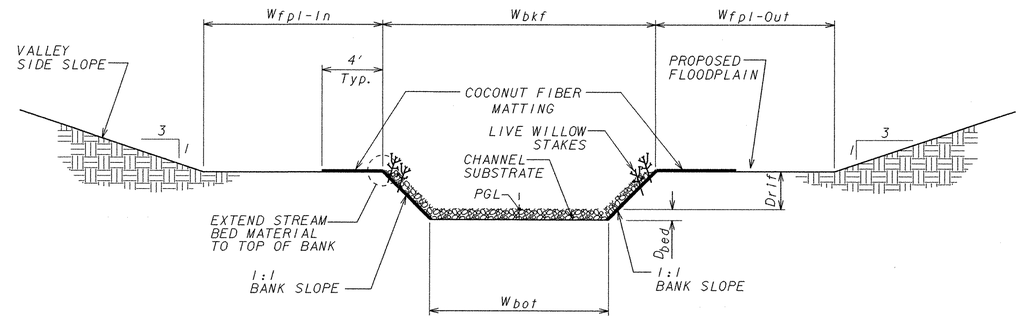
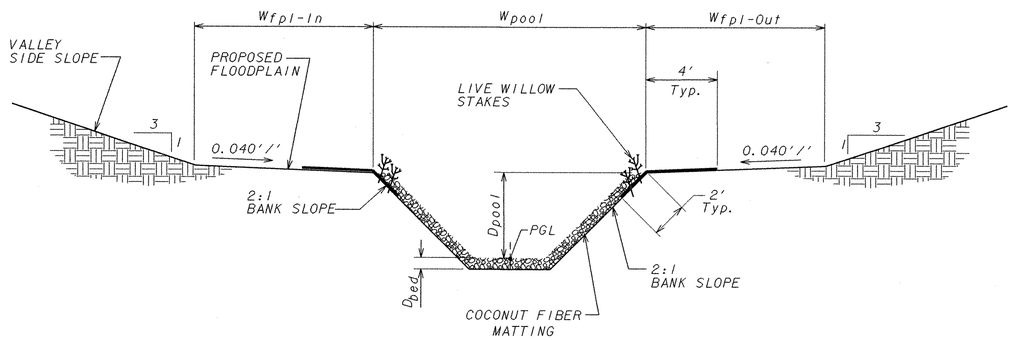


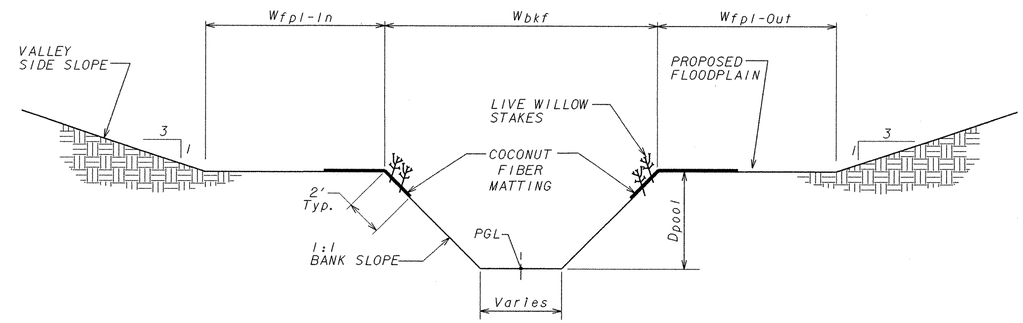
TYPICAL RIFFLE SECTION - B-CHANNEL



TYPICAL RIFFLE SECTION - E-CHANNEL



TYPICAL POOL SECTION - B-CHANNEL



TYPICAL POOL SECTION - E-CHANNEL

CROSS-SECTION DIMENSIONS

SITE NO.	Channel Type	Wbkf (ft.)	Wbot (ft.) Riffle	Wfpl-In (ft.) (Inside of Bend)	Wfpl-Out (ft.) (Outside of Bend)	Drif (ft.)	Wpool (ft.)	Dpool (ft.)	Dbed (ft.)	Channel Substrate Type
Site 1 (Stream 34) Sta. 10+00.00-Sta. 14+70.79	B	12.0	--	5.0 (Riffle) 8.0 (Pool)	5.0	1.5	12.0	2.5	2.0	STONE PLAIN RIP RAP, TYPE D
Site 2 (Stream 36) Sta. 10+00-Sta. 11+30.14	B	16.0	--	5.0 (Riffle) 8.0 (Pool)	5.0	1.5	16.0	2.5	2.0	STONE PLAIN RIP RAP, TYPE D
Site 3 (Stream 36A) Sta. 10+00.00-Sta. 11+11.98	E	6.0	3.0	10.0	10.0	1.5	7.0	2.5	0.5	STONE PLAIN RIP RAP, TYPE A
Site 4 (Stream 39/40) Sta. 10+00-Sta. 11+33.13	E	6.0	3.0	VARIES	VARIES	1.5	7.0	2.5	0.5	STONE PLAIN RIP RAP, TYPE A
Site 5 (Stream 42) Sta. 10+00.00-Sta. 10+66.00	E	5.0	2.0	VARIES	VARIES	1.5	6.0	2.0	0.5	STONE PLAIN RIP RAP, TYPE A

CHANNEL CONSTRUCTION NOTES:

1. BANK PROTECTION SHALL CONSIST OF COIR FIBER MATTING. SEE DETAIL, DRAWING 30-04.
2. THE CONTRACTOR SHALL SUPPLY CHANNEL SUBSTRATE FOR THE ENTIRE BED FOR 'B' CHANNELS AND THE ENTIRE BED LENGTH OF EACH RIFFLE SECTION FOR 'E' CHANNELS.
3. STONE MATERIAL SHALL CONSIST OF ROCK TYPICAL OF THE GEOLOGIC REGION IN WHICH THE PROJECT IS LOCATED.
4. FILTER FABRIC SHALL ONLY BE PLACED UNDER STONE FOR ENERGY DISSIPATERS BELOW PIPE OUTLETS. NO FILTER FABRIC SHALL BE PLACED UNDER STONE FOR CHANNEL SUBSTRATE.
3. LIVE STAKES SHALL BE SPACED 4 FT ON CENTER IN A ROW WITH TWO STAGGERED ROWS, 2 FT APART, ALONG THE TOP 2 FT OF THE CHANNEL BANK, EACH SIDE.

PBS&J

NOT TO SCALE

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: PROGRAM DELIVERY

MITIGATION PLANS
TYPICAL SECTIONS

SR 316

DRAWING No. 30-02