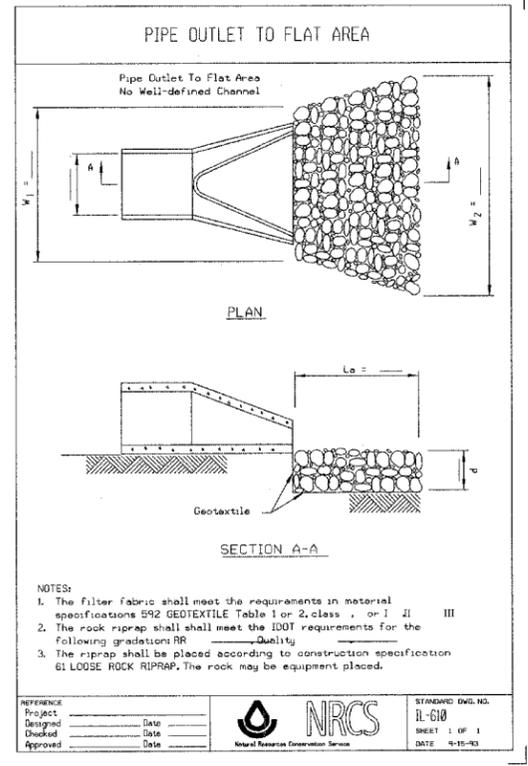
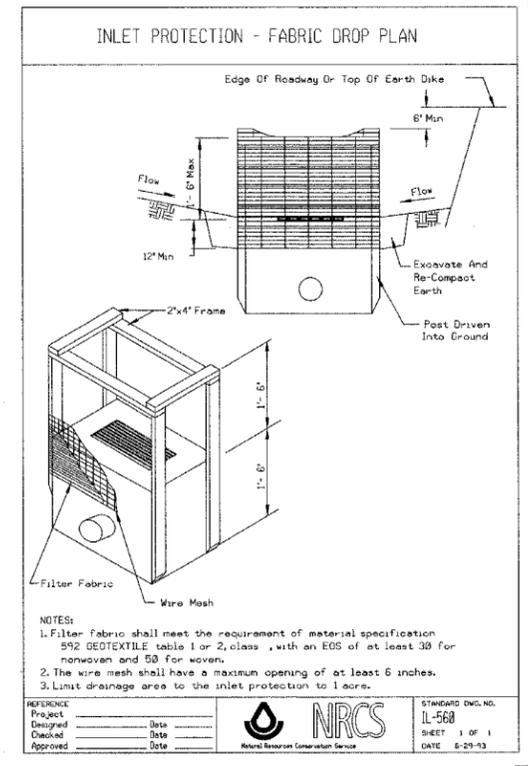
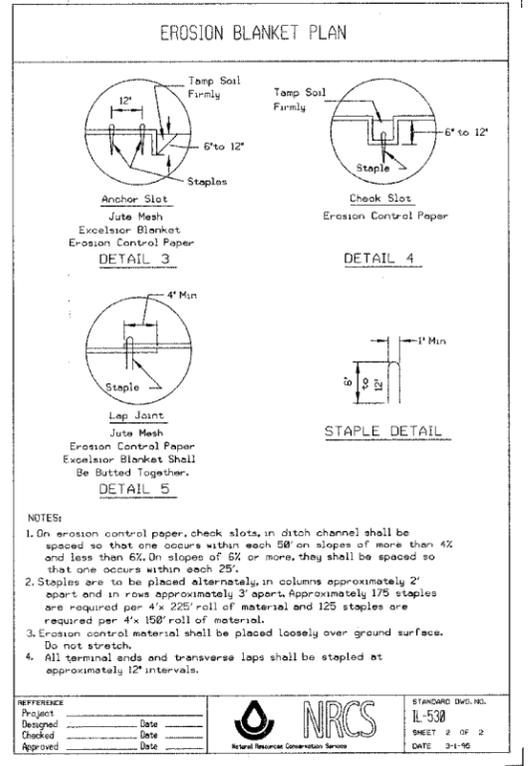
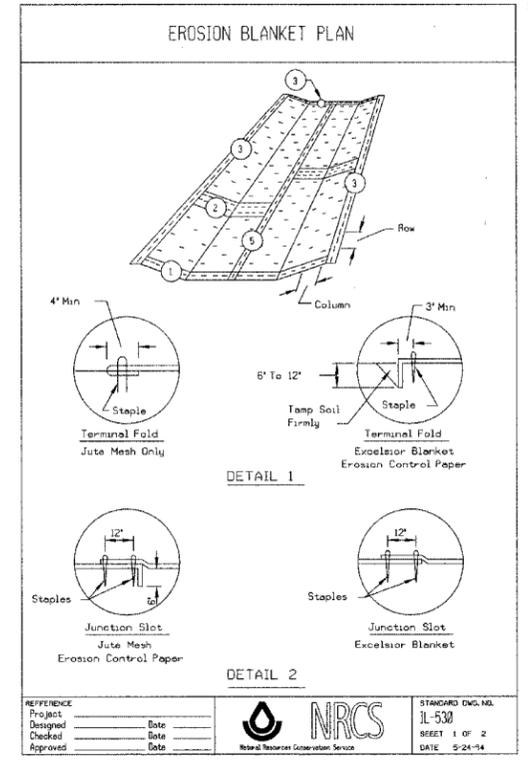


PLAN SURVEYED, PLOTTED, CHECKED, RT. OF WAY CEASED, DATE FILE NAME, NO.

PROFILE SURVEYED, PLOTTED, CHECKED, STRUCTURE NOTATIONS CHRD, NO.



RIPRAP QUANTITY & SIZING CHART

FLARED END SECTION STATION	PIPE DIA. (IN)	RIP-RAP GRADE	LA (FT)	THICKNESS (IN)	BEDDING THICKNESS (IN)	W1 (FT)	W2 (FT)	TOTAL (SQ YD)
219+34 RT	18	RR-4	16	16	6	4.50	7.90	15
221+78 RT	24	RR-4	20	16	6	6.00	10.00	23
224+75 RT	24	RR-4	20	16	6	6.00	10.00	23
228+00 RT	24	RR-4	20	16	6	6.00	10.00	23
233+75 RT	30	RR-4	22	16	6	7.50	11.30	28
234+00 LT	24	RR-4	20	16	6	6.00	10.00	23
237+53 LT	24	RR-4	20	16	6	6.00	10.00	23

NOTE: ASSUMED MINIMUM TAILWATER CONDITIONS AND MAXIMUM VELOCITY CONDITIONS (10 FPS)

FILTER FABRIC QUANTITY

FLARED END SECTION STATION	PIPE DIA. (IN)	RIP-RAP GRADE	LA (FT)	THICKNESS (IN)	BEDDING THICKNESS (IN)	W1 (FT)	W2 (FT)	FILTER FABRIC (SQ YD)
219+34 RT	18	RR-4	16	16	6	4.50	7.90	15
221+78 RT	24	RR-4	20	16	6	6.00	10.00	23
224+75 RT	24	RR-4	20	16	6	6.00	10.00	23
228+00 RT	24	RR-4	20	16	6	6.00	10.00	23
233+75 RT	30	RR-4	22	16	6	7.50	11.30	28
234+00 LT	24	RR-4	20	16	6	6.00	10.00	23
237+53 LT	24	RR-4	20	16	6	6.00	10.00	23

**ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH**

**EROSION CONTROL PLANS
DETAILS**

SCALE: VERT. HORIZ. DATE: APR 06 2007

DRAWN BY: BAH
CHECKED BY: APS

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