



DITCH ANALYSIS

PID : 116570 **Date :** 04/10/2025 **Project :** ERI-US 0006

Location : US 0006 SUP

Description : STA. 1012+45 to 1018+15 LT

Designer : KAH

Rainfall Area : A

Allowable Shears

	Seed:	0.40	Jute Mat:	0.45	Temporary Mat:	1.00
Permanent Mat	Type 1:	2.00	Type 2:	3.00	Type 3:	5.00
RCP	Type B:	6.00				

(*) Warning: Grade is steeper than allowable.

If value is parantheses, design parameters have been exceeded. - See user manual.

STATION BEGIN	STATION END	SIDE	LENGTH (ft.)	RADIUS WIDTH (ft.)	IN SLOPE (ft./ft.)	BACK SLOPE (ft./ft.)	GRADE (ft./ft.)	AREA (acres)	AREA SUM (acres)	RUNOFF COEFF.	CA (Sum)	PROTECT TYPE	RAIN INT. (in./hr.)	STORM FREQ. (yrs.)	MANN. COEFF.	TIME FLOW (min.)	VEL. FLOW (fps.)	SHEAR (lbs./ sq.ft.)	DESIGN FLOW (cfs.)	DEPTH FLOW (ft.)	WIDTH FLOW (ft.)
1018+15	1012+45	L	570.00	2.00	3.00	3.00	0.0068	0.98	0.98	0.73	0.72	Seed	3.11	5	0.030	20.18	1.76	0.17	2.23	0.40	4.38
												Seed	3.45	10	0.040	21.15	1.47	0.21	2.47	0.49	4.92



DITCH ANALYSIS

PID : 116570 **Date :** 04/10/2025 **Project :** ERI-US 0006

Location : US 0006 SUP

Description : STA. 1019+44 to 1023+59 LT

Designer : KAH

Rainfall Area : A

Allowable Shears

	Seed:	0.40	Jute Mat:	0.45	Temporary Mat:	1.00
Permanent Mat	Type 1:	2.00	Type 2:	3.00	Type 3:	5.00
RCP	Type B:	6.00				

(*) Warning: Grade is steeper than allowable.

If value is parantheses, design parameters have been exceeded. - See user manual.

STATION BEGIN	STATION END	SIDE	LENGTH (ft.)	RADIUS WIDTH (ft.)	IN SLOPE (ft./ft.)	BACK SLOPE (ft./ft.)	GRADE (ft./ft.)	AREA (acres)	AREA SUM (acres)	RUNOFF COEFF.	CA (Sum)	PROTECT TYPE	RAIN INT. (in./hr.)	STORM FREQ. (yrs.)	MANN. COEFF.	TIME FLOW (min.)	VEL. FLOW (fps.)	SHEAR (lbs./ sq.ft.)	DESIGN FLOW (cfs.)	DEPTH FLOW (ft.)	WIDTH FLOW (ft.)
1019+44	1023+59	L	415.00	2.00	3.00	3.00	0.0088	0.87	0.87	0.74	0.64	Seed	3.27	5	0.030	18.54	1.90	0.20	2.10	0.36	4.16
												Seed	3.64	10	0.040	19.20	1.59	0.24	2.34	0.44	4.66



DITCH ANALYSIS

PID : 116570 **Date :** 04/10/2025 **Project :** ERI-US 0006

Location : US 0006 SUP

Description : STA. 1025+15 to 1023+59 LT

Designer : KAH

Rainfall Area : A

Allowable Shears

	Seed:	0.40	Jute Mat:	0.45	Temporary Mat:	1.00
Permanent Mat	Type 1:	2.00	Type 2:	3.00	Type 3:	5.00
RCP	Type B:	6.00				

(*) Warning: Grade is steeper than allowable.

If value is parantheses, design parameters have been exceeded. - See user manual.

STATION BEGIN	STATION END	SIDE	LENGTH (ft.)	RADIUS WIDTH (ft.)	IN SLOPE (ft./ft.)	BACK SLOPE (ft./ft.)	GRADE (ft./ft.)	AREA (acres)	AREA SUM (acres)	RUNOFF COEFF.	CA (Sum)	PROTECT TYPE	RAIN INT. (in./hr.)	STORM FREQ. (yrs.)	MANN. COEFF.	TIME FLOW (min.)	VEL. FLOW (fps.)	SHEAR (lbs./ sq.ft.)	DESIGN FLOW (cfs.)	DEPTH FLOW (ft.)	WIDTH FLOW (ft.)
1025+15	1023+59	L	156.00	2.00	3.00	3.00	0.0190	0.25	0.25	0.76	0.19	Seed	3.48	5	0.030	16.47	1.72	0.18	0.66	0.16	2.93
												Seed	3.91	10	0.040	16.74	1.49	0.23	0.74	0.19	3.16



DITCH ANALYSIS

PID : 116570 **Date :** 04/10/2025 **Project :** ERI-US 0006

Location : US 0006 SUP

Description : STA. 1026+00 to 1033+66 RT

Designer : KAH

Rainfall Area : A

Allowable Shears

	Seed:	0.40	Jute Mat:	0.45	Temporary Mat:	1.00
Permanent Mat	Type 1:	2.00	Type 2:	3.00	Type 3:	5.00
RCP	Type B:	6.00				

(*) Warning: Grade is steeper than allowable.

If value is parantheses, design parameters have been exceeded. - See user manual.

STATION BEGIN	STATION END	SIDE	LENGTH (ft.)	RADIUS WIDTH (ft.)	IN SLOPE (ft./ft.)	BACK SLOPE (ft./ft.)	GRADE (ft./ft.)	AREA (acres)	AREA SUM (acres)	RUNOFF COEFF.	CA (Sum)	PROTECT TYPE	RAIN INT. (in./hr.)	STORM FREQ. (yrs.)	MANN. COEFF.	TIME FLOW (min.)	VEL. FLOW (fps.)	SHEAR (lbs./ sq.ft.)	DESIGN FLOW (cfs.)	DEPTH FLOW (ft.)	WIDTH FLOW (ft.)
1026+00	1027+74	R	174.00	2.00	3.00	3.00	0.0047	0.28	0.28	0.79	0.22	Seed	3.37	5	0.030	17.53	1.11	0.07	0.74	0.24	3.47
												Seed	3.77	10	0.040	17.97	0.94	0.09	0.83	0.30	3.82
1028+10	1029+37	R	127.00	2.00	3.00	3.00	0.0112	0.19	0.47	0.79	0.37	Seed	3.25	5	0.030	18.73	1.76	0.17	1.21	0.25	3.50
												Seed	3.62	10	0.040	19.38	1.47	0.22	1.34	0.31	3.87
1029+80	1033+66	R	386.00	2.00	3.00	2.00	0.0075	0.48	0.95	0.75	0.73	Seed	2.96	5	0.030	22.10	1.85	0.18	2.16	0.39	3.96
												Seed	3.26	10	0.040	23.41	1.55	0.23	2.39	0.48	4.40



DITCH ANALYSIS

PID : 116570 **Date :** 10/13/2025 **Project :** ERI-US 0006

Location : US 0006 SUP

Description : STA. 1057+25 to 1036+21 RT

Designer : KAH

Rainfall Area : A

Allowable Shears

	Seed:	0.40	Jute Mat:	0.45	Temporary Mat:	1.00
Permanent Mat	Type 1:	2.00	Type 2:	3.00	Type 3:	5.00
RCP	Type B:	6.00				

(*) Warning: Grade is steeper than allowable.

If value is parantheses, design parameters have been exceeded. - See user manual.

STATION BEGIN	STATION END	SIDE	LENGTH (ft.)	RADIUS WIDTH (ft.)	IN SLOPE (ft./ft.)	BACK SLOPE (ft./ft.)	GRADE (ft./ft.)	AREA (acres)	AREA SUM (acres)	RUNOFF COEFF.	CA (Sum)	PROTECT TYPE	RAIN INT. (in./hr.)	STORM FREQ. (yrs.)	MANN. COEFF.	TIME FLOW (min.)	VEL. FLOW (fps.)	SHEAR (lbs./ sq.ft.)	DESIGN FLOW (cfs.)	DEPTH FLOW (ft.)	WIDTH FLOW (ft.)
1057+25	1054+16	R	309.00	2.00	5.50	3.00	0.0051	0.42	0.42	0.76	0.32	Seed	3.21	5	0.030	19.14	1.20	0.09	1.02	0.27	4.31
												Seed	3.57	10	0.040	19.91	1.00	0.11	1.14	0.33	4.83
1053+55	1047+35	R	620.00	2.00	5.50	3.00	0.0021	0.85	1.27	0.76	0.97	Seed	2.56	5	0.030	28.01	1.10	0.07	2.47	0.53	6.50
												Seed	2.78	10	0.040	30.57	0.91	0.08	2.68	0.63	7.36
1046+48	1043+23	R	325.00	2.00	5.00	3.00	0.0006	0.43	1.70	0.77	1.30	Seed	2.22	5	0.030	35.05	0.74	0.03	2.88	0.77	8.14
												Seed	2.38	10	0.040	39.13	0.61	0.03	3.08	0.90	9.22
1042+19	1036+21	R	598.00	2.00	4.00	3.00	0.0021	0.80	2.50	0.76	1.90	Seed	1.95	5	0.030	42.60	1.28	0.09	3.71	0.67	6.68
												Seed	2.06	10	0.040	48.30	1.05	0.10	3.93	0.79	7.52



DITCH ANALYSIS

PID : 116570 **Date :** 04/10/2025 **Project :** ERI-US 0006

Location : US 0006 SUP

Description : STA. 1096+00 to 1094+18 RT

Designer : KAH

Rainfall Area : A

Allowable Shears

	Seed:	0.40	Jute Mat:	0.45	Temporary Mat:	1.00
Permanent Mat	Type 1:	2.00	Type 2:	3.00	Type 3:	5.00
RCP	Type B:	6.00				

(*) Warning: Grade is steeper than allowable.

If value is parantheses, design parameters have been exceeded. - See user manual.

STATION BEGIN	STATION END	SIDE	LENGTH (ft.)	RADIUS WIDTH (ft.)	IN SLOPE (ft./ft.)	BACK SLOPE (ft./ft.)	GRADE (ft./ft.)	AREA (acres)	AREA SUM (acres)	RUNOFF COEFF.	CA (Sum)	PROTECT TYPE	RAIN INT. (in./hr.)	STORM FREQ. (yrs.)	MANN. COEFF.	TIME FLOW (min.)	VEL. FLOW (fps.)	SHEAR (lbs./ sq.ft.)	DESIGN FLOW (cfs.)	DEPTH FLOW (ft.)	WIDTH FLOW (ft.)
1096+00	1094+18	R	182.00	2.00	5.00	3.00	0.0099	0.19	0.19	0.74	0.14	Seed	3.37	5	0.030	17.47	1.21	0.09	0.47	0.15	3.20
												Seed	3.78	10	0.040	17.90	1.03	0.12	0.53	0.19	3.50



DITCH ANALYSIS

PID : 116570 **Date :** 04/10/2025 **Project :** ERI-US 0006

Location : US 0006 SUP

Description : STA. 1096+00 to 1098+00 RT

Designer : KAH

Rainfall Area : A

Allowable Shears

	Seed:	0.40	Jute Mat:	0.45	Temporary Mat:	1.00
Permanent Mat	Type 1:	2.00	Type 2:	3.00	Type 3:	5.00
RCP	Type B:	6.00				

(*) Warning: Grade is steeper than allowable.

If value is parantheses, design parameters have been exceeded. - See user manual.

STATION BEGIN	STATION END	SIDE	LENGTH (ft.)	RADIUS WIDTH (ft.)	IN SLOPE (ft./ft.)	BACK SLOPE (ft./ft.)	GRADE (ft./ft.)	AREA (acres)	AREA SUM (acres)	RUNOFF COEFF.	CA (Sum)	PROTECT TYPE	RAIN INT. (in./hr.)	STORM FREQ. (yrs.)	MANN. COEFF.	TIME FLOW (min.)	VEL. FLOW (fps.)	SHEAR (lbs./ sq.ft.)	DESIGN FLOW (cfs.)	DEPTH FLOW (ft.)	WIDTH FLOW (ft.)
1096+00	1098+00	R	200.00	2.00	3.00	3.00	0.0085	0.20	0.20	0.75	0.15	Seed	3.35	5	0.030	17.68	1.21	0.09	0.50	0.17	3.00
												Seed	3.75	10	0.040	18.15	1.02	0.11	0.56	0.21	3.26



DITCH ANALYSIS

PID : 116570 **Date :** 04/10/2025 **Project :** ERI-US 0006

Location : US 0006 SUP

Description : STA. 1096+35 to 1098+00 LT

Designer : KAH

Rainfall Area : A

Allowable Shears

	Seed:	0.40	Jute Mat:	0.45	Temporary Mat:	1.00
Permanent Mat	Type 1:	2.00	Type 2:	3.00	Type 3:	5.00
RCP	Type B:	6.00				

(*) Warning: Grade is steeper than allowable.

If value is parantheses, design parameters have been exceeded. - See user manual.

STATION BEGIN	STATION END	SIDE	LENGTH (ft.)	RADIUS WIDTH (ft.)	IN SLOPE (ft./ft.)	BACK SLOPE (ft./ft.)	GRADE (ft./ft.)	AREA (acres)	AREA SUM (acres)	RUNOFF COEFF.	CA (Sum)	PROTECT TYPE	RAIN INT. (in./hr.)	STORM FREQ. (yrs.)	MANN. COEFF.	TIME FLOW (min.)	VEL. FLOW (fps.)	SHEAR (lbs./ sq.ft.)	DESIGN FLOW (cfs.)	DEPTH FLOW (ft.)	WIDTH FLOW (ft.)
1096+35	1098+00	L	165.00	2.00	4.00	3.00	0.0118	0.06	0.06	0.67	0.04	Seed	3.30	5	0.030	18.19	0.85	0.05	0.13	0.07	2.49
												Seed	3.69	10	0.040	18.75	0.75	0.06	0.15	0.09	2.60



DITCH ANALYSIS

PID : 116570 **Date :** 04/10/2025 **Project :** ERI-US 0006

Location : US 0006 SUP

Description : STA. 1098+50 to 1098+00 RT

Designer : KAH

Rainfall Area : A

Allowable Shears

	Seed:	0.40	Jute Mat:	0.45	Temporary Mat:	1.00
Permanent Mat	Type 1:	2.00	Type 2:	3.00	Type 3:	5.00
RCP	Type B:	6.00				

(*) Warning: Grade is steeper than allowable.

If value is parantheses, design parameters have been exceeded. - See user manual.

STATION BEGIN	STATION END	SIDE	LENGTH (ft.)	RADIUS WIDTH (ft.)	IN SLOPE (ft./ft.)	BACK SLOPE (ft./ft.)	GRADE (ft./ft.)	AREA (acres)	AREA SUM (acres)	RUNOFF COEFF.	CA (Sum)	PROTECT TYPE	RAIN INT. (in./hr.)	STORM FREQ. (yrs.)	MANN. COEFF.	TIME FLOW (min.)	VEL. FLOW (fps.)	SHEAR (lbs./ sq.ft.)	DESIGN FLOW (cfs.)	DEPTH FLOW (ft.)	WIDTH FLOW (ft.)
1098+50	1098+00	R	50.00	2.00	3.00	3.00	0.0100	0.08	0.08	0.88	0.07	Seed	3.55	5	0.030	15.81	1.00	0.07	0.25	0.11	2.64
												Seed	4.00	10	0.040	15.97	0.87	0.08	0.28	0.13	2.81



DITCH ANALYSIS

PID : 116570 **Date :** 04/10/2025 **Project :** ERI-US 0006

Location : US 0006 SUP

Description : STA. 1107+99 to 1102+00 LT

Designer : KAH

Rainfall Area : A

Allowable Shears

	Seed:	0.40	Jute Mat:	0.45	Temporary Mat:	1.00
Permanent Mat	Type 1:	2.00	Type 2:	3.00	Type 3:	5.00
RCP	Type B:	6.00				

(*) Warning: Grade is steeper than allowable.

If value is parantheses, design parameters have been exceeded. - See user manual.

STATION BEGIN	STATION END	SIDE	LENGTH (ft.)	RADIUS WIDTH (ft.)	IN SLOPE (ft./ft.)	BACK SLOPE (ft./ft.)	GRADE (ft./ft.)	AREA (acres)	AREA SUM (acres)	RUNOFF COEFF.	CA (Sum)	PROTECT TYPE	RAIN INT. (in./hr.)	STORM FREQ. (yrs.)	MANN. COEFF.	TIME FLOW (min.)	VEL. FLOW (fps.)	SHEAR (lbs./ sq.ft.)	DESIGN FLOW (cfs.)	DEPTH FLOW (ft.)	WIDTH FLOW (ft.)
1107+99	1104+20	L	379.00	2.00	4.00	3.00	0.0036	0.49	0.49	0.82	0.40	Seed	3.11	5	0.030	20.21	1.16	0.08	1.25	0.34	4.37
												Seed	3.45	10	0.040	21.20	0.97	0.09	1.39	0.41	4.90
1104+20	1102+00	L	220.00	9.00	4.00	3.00	0.0089	0.30	0.79	0.77	0.63	Seed	2.89	5	0.030	23.00	1.28	0.08	1.83	0.15	10.05
												Seed	3.18	10	0.040	24.44	1.10	0.11	2.01	0.19	10.33



DITCH ANALYSIS

PID : 116570 **Date :** 04/10/2025 **Project :** ERI-US 0006

Location : US 0006 RAB A

Description : STA. 49+45 to 50+10 LT

Designer : KAH

Rainfall Area : A

Allowable Shears

	Seed:	0.40	Jute Mat:	0.45	Temporary Mat:	1.00
Permanent Mat	Type 1:	2.00	Type 2:	3.00	Type 3:	5.00
RCP	Type B:	6.00				

(*) Warning: Grade is steeper than allowable.

If value is parantheses, design parameters have been exceeded. - See user manual.

STATION BEGIN	STATION END	SIDE	LENGTH (ft.)	RADIUS WIDTH (ft.)	IN SLOPE (ft./ft.)	BACK SLOPE (ft./ft.)	GRADE (ft./ft.)	AREA (acres)	AREA SUM (acres)	RUNOFF COEFF.	CA (Sum)	PROTECT TYPE	RAIN INT. (in./hr.)	STORM FREQ. (yrs.)	MANN. COEFF.	TIME FLOW (min.)	VEL. FLOW (fps.)	SHEAR (lbs./ sq.ft.)	DESIGN FLOW (cfs.)	DEPTH FLOW (ft.)	WIDTH FLOW (ft.)
49+45	50+10	L	65.00	2.00	3.00	3.00	0.0142	1.53	1.53	0.65	0.99	Seed	3.60	5	0.030	15.41	2.61	0.37	3.58	0.42	4.52
												Seed	4.06	10	0.040	15.49	2.19	0.46	4.04	0.52	5.11



DITCH ANALYSIS

PID : 116570 **Date :** 04/10/2025 **Project :** ERI-US 0006

Location : US 0006 RAB A

Description : STA. 51+65 to 50+50 LT

Designer : KAH

Rainfall Area : A

Allowable Shears

	Seed:	0.40	Jute Mat:	0.45	Temporary Mat:	1.00
Permanent Mat	Type 1:	2.00	Type 2:	3.00	Type 3:	5.00
RCP	Type B:	6.00				

(*) Warning: Grade is steeper than allowable.

If value is parantheses, design parameters have been exceeded. - See user manual.

STATION BEGIN	STATION END	SIDE	LENGTH (ft.)	RADIUS WIDTH (ft.)	IN SLOPE (ft./ft.)	BACK SLOPE (ft./ft.)	GRADE (ft./ft.)	AREA (acres)	AREA SUM (acres)	RUNOFF COEFF.	CA (Sum)	PROTECT TYPE	RAIN INT. (in./hr.)	STORM FREQ. (yrs.)	MANN. COEFF.	TIME FLOW (min.)	VEL. FLOW (fps.)	SHEAR (lbs./ sq.ft.)	DESIGN FLOW (cfs.)	DEPTH FLOW (ft.)	WIDTH FLOW (ft.)
51+65	50+50	L	115.00	2.00	3.00	3.00	0.0188	0.39	0.39	0.72	0.28	Seed	3.54	5	0.030	15.96	1.96	0.23	0.99	0.20	3.18
												Seed	3.98	10	0.040	16.13	1.67	0.29	1.12	0.24	3.47



DITCH ANALYSIS

PID : 116570 Date : 04/10/2025 Project : ERI-US 0006

Location : US 0006 RAB A

Description : STA. 655+80 to 658+25 LT

Designer : KAH

Rainfall Area : A

Allowable Shears

	Seed:	0.40	Jute Mat:	0.45	Temporary Mat:	1.00
Permanent Mat	Type 1:	2.00	Type 2:	3.00	Type 3:	5.00
RCP	Type B:	6.00				

(*) Warning: Grade is steeper than allowable.

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STATION BEGIN	STATION END	SIDE	LENGTH (ft.)	RADIUS WIDTH (ft.)	IN SLOPE (ft./ft.)	BACK SLOPE (ft./ft.)	GRADE (ft./ft.)	AREA (acres)	AREA SUM (acres)	RUNOFF COEFF.	CA (Sum)	PROTECT TYPE	RAIN INT. (in./hr.)	STORM FREQ. (yrs.)	MANN. COEFF.	TIME FLOW (min.)	VEL. FLOW (fps.)	SHEAR (lbs./ sq.ft.)	DESIGN FLOW (cfs.)	DEPTH FLOW (ft.)	WIDTH FLOW (ft.)
655+80	656+60	L	80.00	2.00	3.00	2.00	0.0194	0.06	0.06	0.67	0.04	Seed	3.50	5	0.030	16.27	1.01	0.08	0.14	0.06	2.32
												Seed	3.95	10	0.040	16.42	0.89	0.10	0.16	0.08	2.40
656+89	658+25	L	136.00	2.00	3.00	2.00	0.0063	0.13	0.19	0.77	0.14	Seed	3.29	5	0.030	18.33	1.08	0.07	0.46	0.17	2.87
												Seed	3.68	10	0.040	18.83	0.92	0.09	0.52	0.22	3.10



DITCH ANALYSIS

PID : 116570 **Date :** 04/10/2025 **Project :** ERI-US 0006

Location : US 0006 RAB A

Description : STA. 666+12 to 662+40 LT

Designer : KAH

Rainfall Area : A

Allowable Shears

	Seed:	0.40	Jute Mat:	0.45	Temporary Mat:	1.00
Permanent Mat	Type 1:	2.00	Type 2:	3.00	Type 3:	5.00
RCP	Type B:	6.00				

(*) Warning: Grade is steeper than allowable.

If value is parantheses, design parameters have been exceeded. - See user manual.

STATION BEGIN	STATION END	SIDE	LENGTH (ft.)	RADIUS WIDTH (ft.)	IN SLOPE (ft./ft.)	BACK SLOPE (ft./ft.)	GRADE (ft./ft.)	AREA (acres)	AREA SUM (acres)	RUNOFF COEFF.	CA (Sum)	PROTECT TYPE	RAIN INT. (in./hr.)	STORM FREQ. (yrs.)	MANN. COEFF.	TIME FLOW (min.)	VEL. FLOW (fps.)	SHEAR (lbs./ sq.ft.)	DESIGN FLOW (cfs.)	DEPTH FLOW (ft.)	WIDTH FLOW (ft.)
666+12	662+40	L	372.00	2.00	3.00	3.00	0.0034	0.56	0.56	0.77	0.43	Seed	3.13	5	0.030	20.00	1.19	0.08	1.35	0.37	4.19
												Seed	3.47	10	0.040	20.95	1.00	0.10	1.50	0.45	4.69



DITCH ANALYSIS

PID : 116570 **Date :** 10/13/2025 **Project :** ERI-US 0006

Location : US 0006 RAB A

Description : STA. 665+50 to 675+15 RT

Designer : KAH

Rainfall Area : A

Allowable Shears

	Seed:	0.40	Jute Mat:	0.45	Temporary Mat:	1.00
Permanent Mat	Type 1:	2.00	Type 2:	3.00	Type 3:	5.00
RCP	Type B:	6.00				

(*) Warning: Grade is steeper than allowable.

If value is parantheses, design parameters have been exceeded. - See user manual.

STATION BEGIN	STATION END	SIDE	LENGTH (ft.)	RADIUS WIDTH (ft.)	IN SLOPE (ft./ft.)	BACK SLOPE (ft./ft.)	GRADE (ft./ft.)	AREA (acres)	AREA SUM (acres)	RUNOFF COEFF.	CA (Sum)	PROTECT TYPE	RAIN INT. (in./hr.)	STORM FREQ. (yrs.)	MANN. COEFF.	TIME FLOW (min.)	VEL. FLOW (fps.)	SHEAR (lbs./ sq.ft.)	DESIGN FLOW (cfs.)	DEPTH FLOW (ft.)	WIDTH FLOW (ft.)
665+50	668+70	R	320.00	2.00	3.00	3.00	0.0084	0.60	0.60	0.72	0.43	Seed	3.31	5	0.030	18.13	1.66	0.16	1.43	0.30	3.79
												Seed	3.69	10	0.040	18.69	1.40	0.19	1.60	0.37	4.21
668+70	675+15	R	645.00	2.00	3.00	3.00	0.0045	4.10	4.70	0.62	2.97	Seed	2.90	5	0.030	22.91	2.17	0.24	8.61	0.86	7.18
												Seed	3.18	10	0.040	24.44	1.80	0.29	9.46	1.03	8.20



DITCH ANALYSIS

PID : 116570 **Date :** 04/10/2025 **Project :** ERI-US 0006

Location : US 0006 RAB A

Description : STA. 666+12 to 675+15 LT

Designer : KAH

Rainfall Area : A

Allowable Shears

	Seed:	0.40	Jute Mat:	0.45	Temporary Mat:	1.00
Permanent Mat	Type 1:	2.00	Type 2:	3.00	Type 3:	5.00
RCP	Type B:	6.00				

(*) Warning: Grade is steeper than allowable.

If value is parantheses, design parameters have been exceeded. - See user manual.

STATION BEGIN	STATION END	SIDE	LENGTH (ft.)	RADIUS WIDTH (ft.)	IN SLOPE (ft./ft.)	BACK SLOPE (ft./ft.)	GRADE (ft./ft.)	AREA (acres)	AREA SUM (acres)	RUNOFF COEFF.	CA (Sum)	PROTECT TYPE	RAIN INT. (in./hr.)	STORM FREQ. (yrs.)	MANN. COEFF.	TIME FLOW (min.)	VEL. FLOW (fps.)	SHEAR (lbs./ sq.ft.)	DESIGN FLOW (cfs.)	DEPTH FLOW (ft.)	WIDTH FLOW (ft.)
666+12	668+29	L	217.00	2.00	3.00	3.00	0.0057	0.38	0.38	0.76	0.29	Seed	3.35	5	0.030	17.72	1.30	0.09	0.97	0.27	3.60
												Seed	3.74	10	0.040	18.23	1.09	0.12	1.08	0.33	3.98
668+60	675+15	L	655.00	2.00	3.00	3.00	0.0035	1.04	1.42	0.75	1.07	Seed	2.77	5	0.030	24.66	1.49	0.12	2.96	0.55	5.27
												Seed	3.03	10	0.040	26.54	1.24	0.14	3.24	0.66	5.94



DITCH ANALYSIS

PID : 116570 **Date :** 04/10/2025 **Project :** ERI-US 0006

Location : US 0006 RAB A

Description : STA. 684+00 to 675+15 RT

Designer : KAH

Rainfall Area : A

Allowable Shears

	Seed:	0.40	Jute Mat:	0.45	Temporary Mat:	1.00
Permanent Mat	Type 1:	2.00	Type 2:	3.00	Type 3:	5.00
RCP	Type B:	6.00				

(*) Warning: Grade is steeper than allowable.

If value is parantheses, design parameters have been exceeded. - See user manual.

STATION BEGIN	STATION END	SIDE	LENGTH (ft.)	RADIUS WIDTH (ft.)	IN SLOPE (ft./ft.)	BACK SLOPE (ft./ft.)	GRADE (ft./ft.)	AREA (acres)	AREA SUM (acres)	RUNOFF COEFF.	CA (Sum)	PROTECT TYPE	RAIN INT. (in./hr.)	STORM FREQ. (yrs.)	MANN. COEFF.	TIME FLOW (min.)	VEL. FLOW (fps.)	SHEAR (lbs./ sq.ft.)	DESIGN FLOW (cfs.)	DEPTH FLOW (ft.)	WIDTH FLOW (ft.)
682+88	Concent							0.13		0.85	0.11					10.00					
684+00	675+15	R	885.00	2.00	3.00	3.00	0.0075	4.65	4.78	0.62	2.99	Seed	2.65	5	0.030	26.54	2.57	0.34	7.93	0.73	6.41
												Seed	2.96	10	0.040	27.61	2.14	0.41	8.86	0.89	7.33



DITCH ANALYSIS

PID : 116570 **Date :** 04/10/2025 **Project :** ERI-US 0006

Location : US 0006 RAB A

Description : STA. 681+87 to 677+71 LT

Designer : KAH

Rainfall Area : A

Allowable Shears

	Seed:	0.40	Jute Mat:	0.45	Temporary Mat:	1.00
Permanent Mat	Type 1:	2.00	Type 2:	3.00	Type 3:	5.00
RCP	Type B:	6.00				

(*) Warning: Grade is steeper than allowable.

If value is parantheses, design parameters have been exceeded. - See user manual.

STATION BEGIN	STATION END	SIDE	LENGTH (ft.)	RADIUS WIDTH (ft.)	IN SLOPE (ft./ft.)	BACK SLOPE (ft./ft.)	GRADE (ft./ft.)	AREA (acres)	AREA SUM (acres)	RUNOFF COEFF.	CA (Sum)	PROTECT TYPE	RAIN INT. (in./hr.)	STORM FREQ. (yrs.)	MANN. COEFF.	TIME FLOW (min.)	VEL. FLOW (fps.)	SHEAR (lbs./ sq.ft.)	DESIGN FLOW (cfs.)	DEPTH FLOW (ft.)	WIDTH FLOW (ft.)
681+87	680+99	L	88.00	2.00	3.00	3.00	0.0178	0.22	0.22	0.82	0.18	Seed	3.55	5	0.030	15.87	1.67	0.17	0.64	0.16	2.93
												Seed	4.00	10	0.040	16.02	1.45	0.22	0.72	0.19	3.16
680+53	677+71	L	282.00	2.00	3.00	3.00	0.0057	0.47	0.69	0.77	0.54	Seed	3.24	5	0.030	18.85	1.54	0.13	1.76	0.37	4.21
												Seed	3.61	10	0.040	19.55	1.29	0.16	1.96	0.45	4.71



DITCH ANALYSIS

PID : 116570 **Date :** 04/10/2025 **Project :** ERI-US 0006

Location : US 0006 RAB B

Description : STA. 1727+25 to 1736+55 LT

Designer : KAH

Rainfall Area : A

Allowable Shears

	Seed:	0.40	Jute Mat:	0.45	Temporary Mat:	1.00
Permanent Mat	Type 1:	2.00	Type 2:	3.00	Type 3:	5.00
RCP	Type B:	6.00				

(*) Warning: Grade is steeper than allowable.

If value is parantheses, design parameters have been exceeded. - See user manual.

STATION BEGIN	STATION END	SIDE	LENGTH (ft.)	RADIUS WIDTH (ft.)	IN SLOPE (ft./ft.)	BACK SLOPE (ft./ft.)	GRADE (ft./ft.)	AREA (acres)	AREA SUM (acres)	RUNOFF COEFF.	CA (Sum)	PROTECT TYPE	RAIN INT. (in./hr.)	STORM FREQ. (yrs.)	MANN. COEFF.	TIME FLOW (min.)	VEL. FLOW (fps.)	SHEAR (lbs./ sq.ft.)	DESIGN FLOW (cfs.)	DEPTH FLOW (ft.)	WIDTH FLOW (ft.)
1735+50	1734+48	L	102.00	0.00	14.00	50.00	0.0078	0.13	0.13	0.69	0.09	Seed	3.37	5	0.030	17.53	0.68	0.06	0.30	0.12	7.56
												Seed	3.77	10	0.040	17.98	0.54	0.07	0.34	0.14	8.94
1731+85	Concent							0.43		0.86	0.46					10.00					
1731+85	1730+25	L	160.00	2.00	3.00	2.00	0.0023	0.36	0.92	0.78	0.74	Seed	3.16	5	0.030	19.65	1.24	0.08	2.34	0.56	4.78
												Seed	3.51	10	0.040	20.50	1.03	0.10	2.60	0.68	5.40
1727+70	Concent							0.11		0.82	0.83					10.00					
1727+70	1727+25	L	45.00	2.00	3.00	2.00	0.0044	0.13	1.16	0.77	0.93	Seed	3.12	5	0.030	20.10	1.67	0.15	2.91	0.53	4.63
												Seed	3.46	10	0.040	21.04	1.39	0.18	3.22	0.64	5.21



DITCH ANALYSIS

PID : 116570 **Date :** 04/10/2025 **Project :** ERI-US 0006

Location : US 0006 RAB B

Description : STA. 1734+73 to 1736+44 RT

Designer : KAH

Rainfall Area : A

Allowable Shears

	Seed:	0.40	Jute Mat:	0.45	Temporary Mat:	1.00
Permanent Mat	Type 1:	2.00	Type 2:	3.00	Type 3:	5.00
RCP	Type B:	6.00				

(*) Warning: Grade is steeper than allowable.

If value is parantheses, design parameters have been exceeded. - See user manual.

STATION BEGIN	STATION END	SIDE	LENGTH (ft.)	RADIUS WIDTH (ft.)	IN SLOPE (ft./ft.)	BACK SLOPE (ft./ft.)	GRADE (ft./ft.)	AREA (acres)	AREA SUM (acres)	RUNOFF COEFF.	CA (Sum)	PROTECT TYPE	RAIN INT. (in./hr.)	STORM FREQ. (yrs.)	MANN. COEFF.	TIME FLOW (min.)	VEL. FLOW (fps.)	SHEAR (lbs./ sq.ft.)	DESIGN FLOW (cfs.)	DEPTH FLOW (ft.)	WIDTH FLOW (ft.)
1734+73	Concent							0.31		0.89	0.28					10.00					
1735+97	Concent							0.05		0.80	0.32					10.00					
1734+73	1736+44	R	200.00	2.00	3.00	3.00	0.0025	0.08	0.44	0.63	0.37	Seed	3.31	5	0.030	18.13	1.03	0.06	1.21	0.38	4.26
												Seed	3.69	10	0.040	18.73	0.86	0.07	1.35	0.46	4.77



DITCH ANALYSIS

PID : 116570 **Date :** 04/10/2025 **Project :** ERI-US 0006

Location : US 0006 RAB B

Description : STA. 1736+90 to 1741+17 LT/RT

Designer : KAH

Rainfall Area : A

Allowable Shears

	Seed:	0.40	Jute Mat:	0.45	Temporary Mat:	1.00
Permanent Mat	Type 1:	2.00	Type 2:	3.00	Type 3:	5.00
RCP	Type B:	6.00				

(*) Warning: Grade is steeper than allowable.

If value is parantheses, design parameters have been exceeded. - See user manual.

STATION BEGIN	STATION END	SIDE	LENGTH (ft.)	RADIUS WIDTH (ft.)	IN SLOPE (ft./ft.)	BACK SLOPE (ft./ft.)	GRADE (ft./ft.)	AREA (acres)	AREA SUM (acres)	RUNOFF COEFF.	CA (Sum)	PROTECT TYPE	RAIN INT. (in./hr.)	STORM FREQ. (yrs.)	MANN. COEFF.	TIME FLOW (min.)	VEL. FLOW (fps.)	SHEAR (lbs./ sq.ft.)	DESIGN FLOW (cfs.)	DEPTH FLOW (ft.)	WIDTH FLOW (ft.)
1736+97	1737+77	L	70.00	0.00	20.00	20.00	0.0196	0.08	0.08	0.63	0.05	Seed	3.50	5	0.030	16.25	0.94	0.12	0.18	0.10	3.87
												Seed	3.94	10	0.040	16.50	0.78	0.14	0.20	0.11	4.51
1738+21	1737+77	L	44.00	0.00	20.00	20.00	0.0316	0.07	0.15	0.71	0.10	Seed	3.44	5	0.030	16.81	1.29	0.23	0.34	0.12	4.62
												Seed	3.86	10	0.040	17.17	1.07	0.26	0.39	0.13	5.37
1737+78	Concent							0.77		0.89	0.79					10.00					
1736+90	Concent							0.05		0.80	0.83					10.00					
1737+78	1737+13	R	240.00	2.00	3.00	3.00	0.0042	0.16	1.13	0.69	0.94	Seed	3.20	5	0.030	19.27	1.59	0.14	2.99	0.53	5.15
												Seed	3.55	10	0.040	20.10	1.33	0.17	3.32	0.64	5.83