



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