

**Sample Ditch.stsw**  
**Conduit FlexTable: Ditch Shear Stress Report**  
**Active Scenario: Ditch Protection Design**

Label	-Node- Start Stop	Roadway Station (Start (ft)	Roadway Station (Stop (ft)	Side	Length (ft)	Slope (ft/ft)	Rise (ft)	Bottom Width (ft)	Side Slope (Left (H:V)	Side Slope (Right (H:V)	Upstream Inlet Area (acres)	Upstream Inlet C	System CA (acres)	Upstream Inlet Tc (min)	System Flow Time (min)	System Intensity (in/h)	Flow (cfs)	Material	Manning's n	Velocity (ft/s)	Shear Stress (lbs/ft <sup>2</sup> )
CH-1	CS-1	881+50	882+00	Right	50.0	0.0040	3.0	0.0	8.000	6.000	2.00	0.550	1.10	10.55	10.55	4.21	4.67	Seeded (n=0.030)	0.030	1.50	0.167
CH-2	CS-2	882+00	882+50	Right	50.0	0.0040	3.0	4.0	4.000	6.000	1.00	0.540	1.64	10.00	11.11	4.13	6.83	Seeded (n=0.030)	0.030	1.71	0.145
CH-3	CS-3	882+50	883+00	Right	50.0	0.0050	3.0	4.0	4.000	6.000	57.40	0.423	25.92	18.00	18.00	3.30	86.30	Erosion Control Matting	0.040	2.93	0.643
CH-4	CS-4	883+00	883+50	Right	50.0	0.0080	3.0	4.0	4.000	6.000	1.40	0.540	26.67	10.00	18.28	3.28	88.09	Erosion Control Matting	0.040	3.51	0.937
	O-1			Right																	