

# Stabilization

Site Information									
Engineering Project #	Stream	Reach	Sites within reach	Pics		Severity Score*	Approved Construction Funding	BID	Comments
1290	Amity	<a href="#">579D</a>	<a href="#">Picture</a>		Four major sites and two moderate sites	5	\$646,950		
1170	Chester Creek	<a href="#">582i</a>	<a href="#">Picture</a>		Bank stabilization needed to protect FEMA funded bridge replacement project	4	\$20,000		Stabilization needed as part of completed FEMA bridge replacement
1347	Amity	<a href="#">579g</a>	<a href="#">Picture</a>	<a href="#">Picture</a>	Bank stabilization needed especially in two areas to prevent toe slope cutting of road/trail embankment	4	\$200,000		
1348	Amity	<a href="#">579e</a>	<a href="#">Picture</a>	<a href="#">Picture</a>	One severe site near Dairy Farm trail, some moderate stabilization also needed in this reach	4	\$180,525		
1349	Chester	<a href="#">582f</a>	<a href="#">Picture</a>		Extensive stream bank restoration will be required in this reach, as well as repairs to eroded stream banks at culvert outlets. The stream bank and lower slopes will need to be graded, the stream bank toe stabilized with rock and the trail and lower slope restored using vegetatively reinforced soil lifts (VRSS). Above the soil lifts grading of the slope to match the VRSS will reduce further slumping; the slope will require installation of live stakes, seeding and erosion control blanket to prevent sediment delivery to the stream. Construction access to this site will also be difficult but could be accessed from a temporary access road from West Kent Road.	4	\$92,477		
1350	Chester	<a href="#">582L</a>			The downstream ends of the Kenwood Ave box culvert require protection with additional riprap placement. Extensive streambank restoration will be required in this reach, large rock bar that was deposited can be rearranged to provide toe slope protection.	4	\$86,107		
1351	Chester	<a href="#">582G</a>			One moderate site included in design because in close proximity to DNR project	4	\$120,000		

1352	Chester	<a href="#">582H</a>			Three moderate erosion sites	4	\$67,125			
1353	Chester	<a href="#">582J</a>			One minor site in close proximity to other restoration work	4	\$58,950			
1354	East Amity	<a href="#">580F</a>	<a href="#">picture</a>		One severe valley wall erosion site	3	\$99,225			
1355	East Amity	<a href="#">580D</a>			Two valley wall erosion sites	3	\$128,775			
1356	Miller	<a href="#">590C</a>			Due to meanders in the stream, Miller creek crosses Hwy 53 in two places in a relatively short distance. On downstream end of this reach a meander has been cut off and a headcut is present in the new channel. Long term instability here could cause a threat to Hwy 53. Several debris jams are pushing flow into eroding streambanks.	3	\$72,013			
*Severity score= 1 point per "yes" answer in each of the six preceding categories							\$1,772,147	\$0		