

Wild Rivers State Trail	Douglas	Damage 5	46°16'24.54"N	91°48'1.77"W	Rilling across trail, 25x25 foot area, 1 ft depth	Grade material back in place	\$	500
Wild Rivers State Trail	Douglas	Damage 6	46°34'51.18"N	91°57'43.99"W	Sink-hole in trail caused by separated culvert sections, 8-ft diameter hole, 10-ft deep	Reset concrete culvert sections that separated, if concrete sections not structurally sound, replace with metal pipe of similar size.	\$	5,000
Saunders State Trail	Douglas	Damage 7	46°35'32.05"N	92°13'49.81"W	Sink-hole in trail caused by separated culvert sections, 8-ft diameter hole with fault-lines another 10-ft wider, embankment severely eroded, twin 7-ft diameter culverts 50% blocked by debris, 50-ft vertical difference	stage excavator, place riprap on slope, remove debris from culvert inlet and reset end section. Since concrete decayed to the point of exposing repair, may need to install plastic liner or replace altogether. Cost estimate would be more if	\$	150,000
Saunders State Trail	Douglas	Damage 8	46°35'1.64"N	92°15'35.45"W	Channel undercutting abutment fill causing riprap armor to fall into channel	Place riprap over the top of filter fabric, may need to extend abutment wall and wing walls downward to hold fill in place	\$	15,000
Saunders State Trail	Douglas	Damage 9	46°34'42.72"N	92°16'28.15"W	Fill behind bridge abutment undermining abutment wall, replace and compact fill and deepen the abutment wall to containfil	Place riprap over the top of filter fabric, may need to extend abutment wall and wing walls downward to hold fill in place, replace fill behind abutment that washed away.	\$	15,000
Saunders State Trail	Douglas	Damage 10	46°34'29.08"N	92°17'2.92"W	Fill deposited on the trail	Remove clay deposit from trail surface.	\$	500
Saunders State Trail	Douglas	Damage 11	46°34'17.66"N	92°17'13.19"W	75+ foot hillside slumping approximatly 1-ft vertical, severely eroded channels down to waterway from trail. 18-20 ft wide culvert 75% blocked inlet with trees, debris, embankment fill.	Repair gullied channels, build ramp down to culvert inlet to remove debris that is blocking inlet, build a ramp down to outlet and remove collapsed wingwall that is blocking flow, add large riprap to downstream end to armor slope, grade the trail surface.	\$	250,000
Gandy Dancer State Trail	Douglas	Damage 12	46°30'2.64"N	92°12'12.12"W	Sink-hole caused by separated culvert sections, 8-ft diameter	Excavate and reset concrete culvert sections or replace with metal pipe if concrete not structually sound.	\$	10,000