

**Supplemental Table S13 – Costs of Slope/rock Scaling Damage from the 2020 Oregon Labor Day Wildfires.**

Slope/Rock Scaling Damage	Date of Report	Site Location	Description of Damage	Emergency Repair Estimated Costs	Permanent Repair Estimated Costs
Riverside Fire DDIR Site Number 2C-03	8/29/2022	OR224 (Clackamas Highway 171), MP 18 to 49.97	Unstable slopes causing rock, tree, and other material to fall onto the roadway	\$9,000,000.00	\$5,500,000.00
Beachie Creek Fire DDIR Site Number D03-004	11/20/2020	OR22 (Highway 162 North Santiam Highway) MP 13 - 50	Catastrophic wildfire damage to highway from Beachie Creek Fire requires scope scaling and assessment to assess corridor slope damage.	\$11,289.00	\$0.00
Lionshead Fire Determined the boundary/break between the Beachie Creek and Lionshead Fire to be at approximately MP 50 along highway 022	No separate report was provided for the Lionshead Fire, due to it being on the same highway as the Beachie Creek Fire	OR22 (Highway 162 North Santiam Highway) MP 50 - 65	Catastrophic wildfire damage to highway from Lionhead Fire requires scope scaling and assessment to assess corridor slope damage.	\$4,611.00	\$0.00
Beachie Creek Fire DDIR Site Number D03-006	12/16/2020	OR22 (Highway 162 North Santiam Highway) MP 34 - 43	Catastrophic wildfire damage to highway from Beachie Creek Fire requires rock scaling to remove loose hazard rocks, trees, and vegetation on 8 slopes between MP 34 - 43	\$588,125.00	Information not provided
Beachie Creek Fire DDIR Site Number D03-008	2/22/2021	OR22 (Highway 162 North Santiam Highway) MP 40 - 44	Catastrophic wildfire damage to highway from Beachie Creek Fire requires rock screen repairs to damaged screens on slopes between MP 40 - 44	\$930,286.00	\$0.00
Beachie Creek Fire DDIR Site Number D03-009	2/22/2021	OR22 (Highway 162 North Santiam Highway) MP 40 - 60	Catastrophic wildfire damage to highway from Beachie Creek Fire requires rock screen repairs to damaged screens on slopes between MP 40 - 60	\$582,500.00	\$0.00
Lionshead Fire Determined the boundary/break between the Beachie Creek and Lionshead Fire to be at approximately MP 50 along highway 022	No separate report was provided for the Lionshead Fire, due to it being on the same highway as the Beachie Creek Fire	OR22 (Highway 162 North Santiam Highway) MP 40 - 60	Catastrophic wildfire damage to highway from Lionshead Fire requires rock screen repairs to damaged screens on slopes between MP 40 - 60	\$582,500.00	\$0.00
Holiday Farm Fire DDIR Site Number D5-002	11/25/2020	OR126 (Highway 015)	Rock Scaling/Slope Assessment	Information not provided	Information not provided
Archie Creek Fire DDIR Site Number D07-004	10/29/2020	North Umpqua Hwy, OR138 East, MP 24.85	Unstable slopes causing rock, tree, and other material to fall onto the roadway	\$4,000.00	\$9,500.00
Archie Creek Fire DDIR Site Number D07-006	12/2/2020	North Umpqua Hwy, OR138 East, MP 26.42	Unstable slopes causing rock, tree, and other material to fall onto the roadway	Information not provided	\$11,000.00
Archie Creek Fire DDIR Site Number D08-009	12/1/2020	North Umpqua Hwy, OR138 East, MP 34.02	Unstable slopes causing rock, tree, and other material to fall onto the roadway	\$12,500.00	\$27,000.00

Archie Creek Fire DDIR Site Number D08-010	12/1/2020	North Umpqua Hwy, OR138 East, MP 37.9	Unstable slopes causing rock, tree, and other material to fall onto the roadway	\$2,500.00	\$6,500.00
Archie Creek Fire DDIR Site Number D08-011	12/1/2020	North Umpqua Hwy, OR138 East, MP 31.7	Unstable slopes causing rock, tree, and other material to fall onto the roadway	\$5,000.00	\$214,850.00
Archie Creek Fire DDIR Site Number D08-016	12/2/2020	North Umpqua Hwy, OR138 East, MP 33.45	Unstable slopes causing rock, tree, and other material to fall onto the roadway	Information not provided	\$8,000.00
Archie Creek Fire DDIR Site Number D08-017	12/2/2020	North Umpqua Hwy, OR138 East, MP 34.3	Unstable slopes causing rock, tree, and other material to fall onto the roadway	Information not provided	\$8,000.00