

APPENDIX 5.0: FUEL USAGE

**Proposed Project
Total Construction
Fuel Usage**

Project Action	CO2e (Metric tons)	Total Gallons of Fuel Consumed
Construction		
Future Greenway Master Plan Projects	3007	296,256
Construction		
Central, North, & South Reach Combined Total	3658	360,394
Total Project Construction		656,650

Notes:

Fuel used by vehicle hauling trips assumed to be diesel.

Sources:

Carbon Dioxide Equivalent Emissions: See Section 3.4; Conversion Ratios: Climate Registry 2015

**Siskiyou County
Construction Fuel Use
2015-2035**

Year	Sub Area	Vehicle Class	Pollutant	Daily Gallons (000)	Annual Gallons (000)
2015	Siskiyou (NEP)	T6 Instate Construction Heavy	Fuel	0.032	
2015	Siskiyou (NEP)	T6 Instate Construction Small	Fuel	0.045	
2015	Siskiyou (NEP)	T7 CAIRP Construction	Fuel	0.033	
2015	Siskiyou (NEP)	T7 Single Construction	Fuel	0.082	
2015	Siskiyou (NEP)	T7 Tractor	Fuel	3.910	
2015	Siskiyou (NEP)	T7 Tractor Construction	Fuel	0.062	
		2015 Total		4.164	1028.523
2016	Siskiyou (NEP)	T6 Instate Construction Heavy	Fuel	0.052	
2016	Siskiyou (NEP)	T6 Instate Construction Small	Fuel	0.074	
2016	Siskiyou (NEP)	T7 CAIRP Construction	Fuel	0.054	
2016	Siskiyou (NEP)	T7 Single Construction	Fuel	0.134	
2016	Siskiyou (NEP)	T7 Tractor	Fuel	4.082	
2016	Siskiyou (NEP)	T7 Tractor Construction	Fuel	0.101	
		2016 Total		4.497	1110.875
2017	Siskiyou (NEP)	T6 Instate Construction Heavy	Fuel	0.074	
2017	Siskiyou (NEP)	T6 Instate Construction Small	Fuel	0.105	
2017	Siskiyou (NEP)	T7 CAIRP Construction	Fuel	0.076	
2017	Siskiyou (NEP)	T7 Single Construction	Fuel	0.189	
2017	Siskiyou (NEP)	T7 Tractor	Fuel	4.146	
2017	Siskiyou (NEP)	T7 Tractor Construction	Fuel	0.142	
		2017 Total		4.731	1168.486
2018	Siskiyou (NEP)	T6 Instate Construction Heavy	Fuel	0.097	
2018	Siskiyou (NEP)	T6 Instate Construction Small	Fuel	0.137	
2018	Siskiyou (NEP)	T7 CAIRP Construction	Fuel	0.098	
2018	Siskiyou (NEP)	T7 Single Construction	Fuel	0.245	
2018	Siskiyou (NEP)	T7 Tractor	Fuel	4.205	
2018	Siskiyou (NEP)	T7 Tractor Construction	Fuel	0.185	
		2018 Total		4.967	1226.794

**2015-2035
Combined Total
19682.159**

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2019	Siskiyou (NEP)	T6 Instate Construction Heavy	Fuel	0.121	
2019	Siskiyou (NEP)	T6 Instate Construction Small	Fuel	0.172	
2019	Siskiyou (NEP)	T7 CAIRP Construction	Fuel	0.121	
2019	Siskiyou (NEP)	T7 Single Construction	Fuel	0.305	
2019	Siskiyou (NEP)	T7 Tractor	Fuel	4.271	
2019	Siskiyou (NEP)	T7 Tractor Construction	Fuel	0.230	
		2019 Total		5.220	1289.265
2020	Siskiyou (NEP)	T6 Instate Construction Heavy	Fuel	0.147	
2020	Siskiyou (NEP)	T6 Instate Construction Small	Fuel	0.208	
2020	Siskiyou (NEP)	T7 CAIRP Construction	Fuel	0.145	
2020	Siskiyou (NEP)	T7 Single Construction	Fuel	0.368	
2020	Siskiyou (NEP)	T7 Tractor	Fuel	4.245	
2020	Siskiyou (NEP)	T7 Tractor Construction	Fuel	0.277	
		2020 Total		5.390	1331.353
2021	Siskiyou (NEP)	T6 Instate Construction Heavy	Fuel	0.147	
2021	Siskiyou (NEP)	T6 Instate Construction Small	Fuel	0.208	
2021	Siskiyou (NEP)	T7 CAIRP Construction	Fuel	0.144	
2021	Siskiyou (NEP)	T7 Single Construction	Fuel	0.366	
2021	Siskiyou (NEP)	T7 Tractor	Fuel	4.172	
2021	Siskiyou (NEP)	T7 Tractor Construction	Fuel	0.275	
		2021 Total		5.311	1311.887
2022	Siskiyou (NEP)	T6 Instate Construction Heavy	Fuel	0.147	
2022	Siskiyou (NEP)	T6 Instate Construction Small	Fuel	0.207	
2022	Siskiyou (NEP)	T7 CAIRP Construction	Fuel	0.142	
2022	Siskiyou (NEP)	T7 Single Construction	Fuel	0.363	
2022	Siskiyou (NEP)	T7 Tractor	Fuel	4.075	
2022	Siskiyou (NEP)	T7 Tractor Construction	Fuel	0.272	
		2022 Total		5.206	1285.878

**Siskiyou County
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2023	Siskiyou (NEP)	T6 Instate Construction Heavy	Fuel	0.147	
2023	Siskiyou (NEP)	T6 Instate Construction Small	Fuel	0.205	
2023	Siskiyou (NEP)	T7 CAIRP Construction	Fuel	0.137	
2023	Siskiyou (NEP)	T7 Single Construction	Fuel	0.350	
2023	Siskiyou (NEP)	T7 Tractor	Fuel	3.682	
2023	Siskiyou (NEP)	T7 Tractor Construction	Fuel	0.263	
		2023 Total		4.784	1181.691
2024	Siskiyou (NEP)	T6 Instate Construction Heavy	Fuel	0.146	
2024	Siskiyou (NEP)	T6 Instate Construction Small	Fuel	0.204	
2024	Siskiyou (NEP)	T7 CAIRP Construction	Fuel	0.136	
2024	Siskiyou (NEP)	T7 Single Construction	Fuel	0.348	
2024	Siskiyou (NEP)	T7 Tractor	Fuel	3.504	
2024	Siskiyou (NEP)	T7 Tractor Construction	Fuel	0.261	
		2024 Total		4.599	1135.948
2025	Siskiyou (NEP)	T6 Instate Construction Heavy	Fuel	0.142	
2025	Siskiyou (NEP)	T6 Instate Construction Small	Fuel	0.199	
2025	Siskiyou (NEP)	T7 CAIRP Construction	Fuel	0.133	
2025	Siskiyou (NEP)	T7 Single Construction	Fuel	0.339	
2025	Siskiyou (NEP)	T7 Tractor	Fuel	3.375	
2025	Siskiyou (NEP)	T7 Tractor Construction	Fuel	0.254	
		2025 Total		4.442	1097.263
2026	Siskiyou (NEP)	T6 Instate Construction Heavy	Fuel	0.136	
2026	Siskiyou (NEP)	T6 Instate Construction Small	Fuel	0.190	
2026	Siskiyou (NEP)	T7 CAIRP Construction	Fuel	0.127	
2026	Siskiyou (NEP)	T7 Single Construction	Fuel	0.325	
2026	Siskiyou (NEP)	T7 Tractor	Fuel	3.267	
2026	Siskiyou (NEP)	T7 Tractor Construction	Fuel	0.243	
		2026 Total		4.287	1058.998

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2027	Siskiyou (NEP)	T6 Instate Construction Heavy	Fuel	0.130	
2027	Siskiyou (NEP)	T6 Instate Construction Small	Fuel	0.182	
2027	Siskiyou (NEP)	T7 CAIRP Construction	Fuel	0.121	
2027	Siskiyou (NEP)	T7 Single Construction	Fuel	0.310	
2027	Siskiyou (NEP)	T7 Tractor	Fuel	3.148	
2027	Siskiyou (NEP)	T7 Tractor Construction	Fuel	0.231	
		2027 Total		4.122	1018.088
2028	Siskiyou (NEP)	T6 Instate Construction Heavy	Fuel	0.123	
2028	Siskiyou (NEP)	T6 Instate Construction Small	Fuel	0.173	
2028	Siskiyou (NEP)	T7 CAIRP Construction	Fuel	0.115	
2028	Siskiyou (NEP)	T7 Single Construction	Fuel	0.294	
2028	Siskiyou (NEP)	T7 Tractor	Fuel	3.061	
2028	Siskiyou (NEP)	T7 Tractor Construction	Fuel	0.220	
		2028 Total		3.986	984.574
2029	Siskiyou (NEP)	T6 Instate Construction Heavy	Fuel	0.116	
2029	Siskiyou (NEP)	T6 Instate Construction Small	Fuel	0.164	
2029	Siskiyou (NEP)	T7 CAIRP Construction	Fuel	0.109	
2029	Siskiyou (NEP)	T7 Single Construction	Fuel	0.279	
2029	Siskiyou (NEP)	T7 Tractor	Fuel	3.014	
2029	Siskiyou (NEP)	T7 Tractor Construction	Fuel	0.208	
		2029 Total		3.891	960.987
2030	Siskiyou (NEP)	T6 Instate Construction Heavy	Fuel	0.110	
2030	Siskiyou (NEP)	T6 Instate Construction Small	Fuel	0.155	
2030	Siskiyou (NEP)	T7 CAIRP Construction	Fuel	0.103	
2030	Siskiyou (NEP)	T7 Single Construction	Fuel	0.263	
2030	Siskiyou (NEP)	T7 Tractor	Fuel	2.966	
2030	Siskiyou (NEP)	T7 Tractor Construction	Fuel	0.196	
		2030 Total		3.793	936.755

Siskiyou County
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2031	Siskiyou (NEP)	T6 Instate Construction Heavy	Fuel	0.120	
2031	Siskiyou (NEP)	T6 Instate Construction Small	Fuel	0.169	
2031	Siskiyou (NEP)	T7 CAIRP Construction	Fuel	0.113	
2031	Siskiyou (NEP)	T7 Single Construction	Fuel	0.286	
2031	Siskiyou (NEP)	T7 Tractor	Fuel	2.900	
2031	Siskiyou (NEP)	T7 Tractor Construction	Fuel	0.213	
		2031 Total		3.800	938.550
2032	Siskiyou (NEP)	T6 Instate Construction Heavy	Fuel	0.129	
2032	Siskiyou (NEP)	T6 Instate Construction Small	Fuel	0.184	
2032	Siskiyou (NEP)	T7 CAIRP Construction	Fuel	0.122	
2032	Siskiyou (NEP)	T7 Single Construction	Fuel	0.310	
2032	Siskiyou (NEP)	T7 Tractor	Fuel	2.869	
2032	Siskiyou (NEP)	T7 Tractor Construction	Fuel	0.230	
		2032 Total		3.844	949.372
2033	Siskiyou (NEP)	T6 Instate Construction Heavy	Fuel	0.139	
2033	Siskiyou (NEP)	T6 Instate Construction Small	Fuel	0.198	
2033	Siskiyou (NEP)	T7 CAIRP Construction	Fuel	0.132	
2033	Siskiyou (NEP)	T7 Single Construction	Fuel	0.334	
2033	Siskiyou (NEP)	T7 Tractor	Fuel	2.812	
2033	Siskiyou (NEP)	T7 Tractor Construction	Fuel	0.248	
		2033 Total		3.863	954.137
2034	Siskiyou (NEP)	T6 Instate Construction Heavy	Fuel	0.150	
2034	Siskiyou (NEP)	T6 Instate Construction Small	Fuel	0.213	
2034	Siskiyou (NEP)	T7 CAIRP Construction	Fuel	0.142	
2034	Siskiyou (NEP)	T7 Single Construction	Fuel	0.358	
2034	Siskiyou (NEP)	T7 Tractor	Fuel	2.756	
2034	Siskiyou (NEP)	T7 Tractor Construction	Fuel	0.266	
		2034 Total		3.885	959.555

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2035	Siskiyou (NEP)	T6 Instate Construction Heavy	Fuel	0.160	
2035	Siskiyou (NEP)	T6 Instate Construction Small	Fuel	0.228	
2035	Siskiyou (NEP)	T7 CAIRP Construction	Fuel	0.152	
2035	Siskiyou (NEP)	T7 Single Construction	Fuel	0.383	
2035	Siskiyou (NEP)	T7 Tractor	Fuel	2.738	
2035	Siskiyou (NEP)	T7 Tractor Construction	Fuel	0.284	
		2035 Total		3.945	974.432