

# Appendix S

## Transportation and Circulation Analysis

### Data

This appendix presents a detailed analysis of the hauling and worker trips for each alternative. Hauling trips include trips to a local recycling facility in Weed, California, as well as truck trips for additional deconstructed materials to disposal sites outside of the project boundaries.

**Table S-1. Alternative 2 Hauling and Worker Trips**

Roads	Alternative 2 - Full Removal									
	Baseline (projected) AADT	J.C. Boyle		Copco 1		Copco 2		Iron Gate		Total AADT
		Workers (daily trips)	Hauling (daily trips)	Workers (daily trips)	Hauling (daily trips)	Workers (daily trips)	Hauling (daily trips)	Workers (daily trips)	Hauling (daily trips)	
Interstate 5 (California) ( <sup>1</sup> )	18,350			56	10	64	34	80	10	18,604
Interstate 5 (Oregon)	15,100	12								15,112
OR66	490	72	20							582
US97	9,300	60	20							9,380
Copco Rd ( <sup>2</sup> )	250			56	10	64	34	80	10	504
Topsy Grade Rd ( <sup>2</sup> )	200		20							220
Unpaved Access Roads ( <sup>2</sup> )	30		420		100		200		1700	2,450

(<sup>1</sup>) Uses peak month AADT to determine 2020 baseline

(<sup>2</sup>) Estimated Average Daily Traffic is based on field observations

**Table S-2. Alternative 3 Hauling and Worker Trips**

Roads	Alternative 3 - Partial Removal									Total AADT
	Baseline (projected) AADT	J.C. Boyle		Copco 1		Copco 2		Iron Gate		
		Workers (daily trips)	Hauling (daily trips)							
Interstate 5 (California) <sup>(1)</sup>	18,350			56	10	60	34	80	10	18,600
Interstate 5 (Oregon)	15,100	11								15,111
OR66	490	64	20							574
US97	9,300	53	20							9,373
Copco Rd <sup>(2)</sup>	250			56	10	60	34	80	10	500
Topsy Grade Rd <sup>(2)</sup>	200		20							220
Unpaved Access Roads <sup>(2)</sup>	30		420		100		200		1700	2,450

<sup>(1)</sup>Uses peak month AADT to determine 2020 baseline

<sup>(2)</sup>Estimated Average Daily Traffic is based on field observations

**Table S-3. Alternative 4 Hauling and Worker Trips**

Roads	Alternative 4 - Fish Passage Four Dams (2)									Total AADT
	Baseline (projected) AADT	J.C. Boyle		Copco 1		Copco 2		Iron Gate		
		Workers (daily trips)	Hauling (daily trips)							
Interstate 5 (California) <sup>(1)</sup>	18,350			40		24		40		18,454
Interstate 5 (Oregon)	15,100	4								15,104
OR66	490	24								514
US97	9,300	20								9,320
Copco Rd <sup>(2)</sup>	250			40		24		40		354
Topsy Grade Rd <sup>(2)</sup>	200									200
Unpaved Access Roads <sup>(2)</sup>	30		18		18		18		18	102

<sup>(1)</sup>Uses peak month AADT to determine 2020 baseline

<sup>(2)</sup>Estimated Average Daily Traffic is based on field observations

**Table S-4 Alternative 5 Hauling and Worker Trips**

Roads	Alternative 5 - Remove 2 Dams FP 2 Dams (2)									Total AADT
	Baseline (projected) AADT	J.C. Boyle		Copco 1		Copco 2		Iron Gate		
		Workers (daily trips)	Hauling (daily trips)							
Interstate 5 (California) <sup>(1)</sup>	18,350			56	10	24		80	10	18,530
Interstate 5 (Oregon)	15,100	4								15,104
OR66	490	24								514
US97	9,300	20								9,320
Copco Rd <sup>(2)</sup>	250			56	10	24		80	10	430
Topsy Grade Rd <sup>(2)</sup>	200									200
Unpaved Access Roads <sup>(2)</sup>	30		18		100		18		1700	1,866

<sup>(1)</sup>Uses peak month AADT to determine 2020 baseline

<sup>(2)</sup>Estimated Average Daily Traffic is based on field observations

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