

SJR 26 OVERSIZE LOAD STUDY: ESTIMATED COSTS, LOLO TO SWEET GRASS (310 miles)

COSTS PROVIDED ARE ESTIMATES AND WOULD DEPEND ON SPECIFIC LOAD SIZE AND CONFIGURATION. MITIGATION REQUIRED MAY NOT BE COMPREHENSIVE.

Route description: Lolo north through Missoula on U.S. Highway 93, 200 East through Bonner and Lincoln, north on 287 through Augusta to Choteau, north on 89, east on 44, north at Valier on 358 to Cut Bank, through Cut Bank on 2 to 214 north to Sweet Grass

Single Trip

Corridor

Steps/Mitigation Required	Preparation Work	Estimated Cost	Potential Mitigation to Create Corridor	Estimated Cost
State of Montana oversize permit	Apply for permit	Varies	Application process may be easier, permit fee could be higher if state funds oversize load corridor	Varies
City of Missoula permit	Apply for permit	\$309	Address city concerns that led to adoption of permit	Unknown
Traffic control	Hire contractor	\$5,000-\$50,000	Traffic control may be necessary even if a corridor is established	\$5,000-\$50,000
Montana Highway Patrol - safe movement of traffic around load	Notify Montana Highway Patrol	\$5,000~	May be necessary even if a corridor is established	\$5,000~
Electric utilities on Highway 200 (Missoula Electric Cooperative, 42 crossings) and Lost Trail to Lolo	Temporarily raise or cut	\$17,450 for 24', \$8,015 for 19'6" ¹	Permanently raise or bury	\$594,000*
Electric utilities Lolo to Valier (Northwestern, at least 29 crossings)	Temporarily raise or cut	\$13,000 ⁵	Permanently raise or bury	\$642,612*
Electric utilities Choteau to Cut Bank (lift not required if load is 28' or less)	Temporarily raise or cut	\$1,000	Permanently raise or bury	\$130,000
Electric utilities Cut Bank to Alberta border (11 crossings)	Temporarily raise or cut	\$4,600 ⁵	Permanently raise or bury	\$120,000
Cable wires	Temporarily raise	\$5,100 ⁶	Permanently raise or bury	\$20,696*
Sign bridge across road (2)	Temporarily raise sign bridges	\$25,000	Replace sign bridges with a different display that does not cross road	Unknown
Traffic signals (31 locations with 42 structures)	Hire contractor to temporarily move traffic signal	\$55,650 [^]	Install on rotatable, cantilevered, poles (movers' crew able to rotate light after installation)	\$7,000,000 [#]
	Total Estimated Cost for Single Trip	\$117,674 - \$177,109	Total Estimated Cost for Permanent Mitigation	\$8,512,308 - \$8,516,808

[~]Based on estimate for Billings route.

¹This is the only cost estimate that includes costs between Lost Trail Pass and Lolo.

⁵Estimated based on Missoula Electric Cooperative's cost per crossing.

⁶Based on costs for a load entering on U.S. Highway 12.

[^]Based on a \$1,325 cost per structure based on costs to raise traffic signals on Billings to Sweet Grass route.

^{*}Cost cited is for the Bonner route and may be higher for a load originating in Lolo.

[#]This estimate is likely inflated because it was for a rush job that would have included overtime for workers and different materials than would be used if more time was available.

SJR 26 OVERSIZE LOAD STUDY: ESTIMATED COSTS, BONNER TO SWEET GRASS CORRIDOR (290 MILES)

COSTS PROVIDED ARE ESTIMATES AND WOULD DEPEND ON SPECIFIC LOAD SIZE AND CONFIGURATION. MITIGATION REQUIRED MAY NOT BE COMPREHENSIVE.

Route description: 200 East through Lincoln, north on 287 through Augusta to Choteau, north on 89, east on 44, north at Valier on 358 to Cut Bank, through Cut Bank on 2 to 214 north to Sweet Grass

Steps/Mitigation Required	Potential Mitigation to Create Corridor	Estimated Cost
State of Montana oversize permit	Application process may be easier, permit fee could be higher if state funds oversize load corridor	Varies
Traffic control	Traffic control may be necessary even if a corridor is established	\$5,000-\$50,000
Montana Highway Patrol - safe movement of traffic around load	May be necessary even if a corridor is established	\$5,000~
Electric utilities on Highway 200 (Missoula Electric Cooperative, 44 crossings)	Permanently raise or bury	\$594,000
Electric utilities on Highway 200, Bonner to Bowman's Corner, and on Highway 358 (Northwestern, 29 crossings)	Permanently raise or bury	\$642,612
Electric utilities Choteau to Cut Bank (7 crossings)	Permanently raise or bury	\$130,000
Electric utilities Cut Bank to Alberta border (11 crossings)	Permanently raise or bury	\$120,000
Cable wires (3 locations)	Permanently raise or bury	\$20,696
Overhead flashing beacons at Lincoln, Bowman's Corner, Choteau, Valier	Install on rotatable, cantilevered poles	\$478,000
	Total Estimated Costs	\$1,995,308 - \$2,040,308
**Based on estimate for Billings route.		

SJR 26 TRANSPORTING OVERSIZE LOADS ESTIMATED COSTS, BILLINGS TO SWEET GRASS (400 miles)

COSTS PROVIDED ARE ESTIMATES AND WOULD DEPEND ON SPECIFIC LOAD SIZE AND CONFIGURATION. MITIGATION REQUIRED MAY NOT BE COMPREHENSIVE.

Route used by Bay Montana: West on 532 to 401, east to U.S. Highway 87, north on U.S. Highway 87 through Roundup to Grass Range, north on 19 to U.S. Highway 191, west on U.S. Highway 191 to Brooks, west on 81 to 80, north on 80 to Fort Benton, north on 223 to Chester, west on 2 to 343, north on 343 to Interstate 15, north on Interstate 15 to Sweet Grass	Single Trip		Corridor	
Steps/Mitigation Required	Preparation Work	Estimated Cost	Potential Mitigation to Create Corridor	Estimated Cost
State of Montana oversize permit	Apply for permit	Varies	Application process may be easier, permit fee could be higher if state funds oversize load corridor	Varies
Traffic signals in Roundup, Grass Range, Bohemian Corner, City of Fort Benton, Northwest of Fort Benton	Hire contractor to temporarily move traffic signals	\$15,000	Install traffic signals on swivel arms	\$300,000 - \$600,000
Traffic control	Hire contractor	\$15,000	May be necessary even if a corridor is established	\$15,000
Montana Highway Patrol - safe movement of traffic around load	Notify Montana Highway Patrol	\$5,000	May be necessary even if a corridor is established	\$5,000
Electric utilities, utility poles, traffic signals, overhead flashing lights, turnouts for traffic control	<i>None - completed by Bay Montana, included for reference only</i>	<i>None</i>	<i>Raise or bury power and telecommunications lines, relocate utility poles and guy wires, install swing-out, swivel bolted connections or cantilevered poles for signs, traffic signals, and lights, replace overhead flashing lights with solar powered signs, construct turnouts in high-traffic areas</i>	<i>\$6 million</i>
	Total Estimated Cost for Single Trip	\$35,000	Total Estimated Cost for Permanent Mitigation	\$320,000 - \$620,000