



PORTLAND-MILWAUKIE
LIGHT RAIL PROJECT

February 2, 2009

	Cable Stayed 4 Pier	Cable Stayed 2 Pier	Wave Frame Girder
	700' Clear	760' Clear	600' Clear
	TriMet	TriMet	TriMet
Conceptual Design Estimate			
Construction Costs	\$61,200,000	\$64,800,000	\$102,100,000
Design Build Contractor Engineering	\$8,230,000	\$9,105,000	\$13,820,000
Contingencies	\$13,230,000	\$17,455,000	\$23,000,000
Differential Costs (Certain)	\$0	\$0	\$5,870,000
Grand Total (January 2009)	\$82,660,000	\$91,360,000	\$144,790,000

Grand Total (YOE August 2013)	\$101,920,000	\$112,910,000	\$175,920,000
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Notes

1. Other possible costs for extended duration and steel escalation during peak market not included. Cost range from \$8.5 - \$10.3M for Cable Stayed options and \$13.6M for Wave Frame.
2. Interim financing costs not included. Interest cost for CS4 = \$32.9M, CS2 = \$36.3M, and Wave Frame = \$53.5M. Delta between Wave Frame and CS \$17 - \$20.5M.
3. Annualized cost in current year value using FTA guidance is \$5.8 - \$6.4M for Cable Stayed options and \$11.1M for Wave Frame.