

Port of Benton - OOM OPCC CRISI Estimate				
	Unit	Quantity	Cost	Totals
Replace Cross Ties	EA	5,500	\$260.00	\$ 1,430,000.00
Replace Cross Ties w Plate Replacement	EA	3,500	\$290.00	\$ 1,015,000.00
Replace Switch Ties	LF	3,400	\$30.00	\$ 102,000.00
Replace 90 lb Rail with 136 lb	TF	19940	\$155.00	\$ 3,090,700.00
Ballast Distribution	TON	4634	\$16.00	\$ 74,144.00
Joint Rehab	EA	1,850	\$40.00	\$ 74,000.00
Gap and Reset Anchors	TF	2,500	\$30.00	\$ 75,000.00
Repair Skewed Ties	EA	1,000	\$40.00	\$ 40,000.00
Surface Line and Dress	TF	46,340	\$3.00	\$ 139,020.00
Reconstruct Turnouts	EA	3	\$110,000.00	\$ 330,000.00
Project Temporary Traffic Control	LS	1	\$ 64,000.00	\$ 64,000.00
Pavement Removal	SY	237	\$ 45.00	\$ 10,665.00
Remove Track	TF	211	\$ 35.00	\$ 7,385.00
Roadway Excavation Including Haul	CY	170	\$ 35.00	\$ 5,950.00
Furnish and Install Subballast	CY	53	\$ 100.00	\$ 5,275.00
Furnish and Install Geotextile Fabric	SY	352	\$ 5.00	\$ 1,760.00
Ballast Distribution at Crossings	TON	339	\$ 25.00	\$ 8,475.00
Furnish and Install Track	TF	211	\$ 300.00	\$ 63,300.00
Surface Line and Dress	TF	800	\$ 12.00	\$ 9,600.00
Furnish and Install Insulated Joints	PR	8	\$ 1,000.00	\$ 8,000.00
Furnish and Install Crossing Panels	TF	98	\$ 380.00	\$ 37,240.00
Furnish and Install HMA Pavement	TON	56	\$ 500.00	\$ 28,000.00
Battelle Active Warning Equipment Update	LS	1	\$122,583.95	\$ 122,583.95
Kingsgate Active Warning Equipment Update	LS	1	\$122,583.95	\$ 122,583.95
Jadwin Active Warning System Replacement	LS	1	\$437,659.64	\$ 437,659.64
Saint St Xing Signs Enhancements	LS	1	\$ 38,928.81	\$ 38,928.81
Earthwork, Subballast, and Drainage Allowance for Crossing with Signal Work	LS	1	\$ 12,000.00	\$ 12,000.00
Pavement Markings Allowance	LS	1	\$ 4,500.00	\$ 4,500.00
Misc T&M Allowance	EST	1	\$50,000.00	\$ 50,000.00
Items Total				\$ 7,407,770.34
Mobilization	LS	1	4.00%	\$ 296,310.81
SPCC Plan	LS	1		\$ 2,500.00
Reimbursement for Third Party Damage	DOL	1		\$ -
Minor Change	DOL	-1		\$ -
POB Ballast Supply	TN	4,973	\$20.00	\$ 99,460.00
Force Account Delay Compensation	EST			\$ 45,000.00
Benton Co. Sales Tax			8.70%	\$ 683,040.58
Design and CM			11.00%	\$ 927,808.39
Contingencies			10.00%	\$ 936,243.01
Project Subtotal				\$ 10,398,133.14
				\$ -
Estimated Project Cost				\$ 10,398,134.00

Notes:

2000 of these ties are for the N Richland Yard

Wye Rail Replacement plus an additional 3 miles

0.1 tns / TF

All of 90lb in main track remaining following that being replaced in dedicated rail relay project.

Between Dock track switch at Jadwin

Between Dock track switch at Jadwin plus an additional allowance

8.8 Miles (does not include recently surface areas)

Wye Turnouts

Includes Airport and Saint crossing reconstructions as well as allowance for crossing signal upgrades

Includes Airport and Saint crossing reconstructions

35 feet off either side of Airport and Saint crossings

.8 CY per track foot of removal at Airport and Saint crossings

.25 cy per track foot of track removal removal at Airport and Saint crossings

5 yard width per track yard of track at Airport and Saint crossings

1.6 ton per track foot of removal at Airport and Saint crossings

Consistent with track removed at Airport and Saint crossings

200' off either end of track install at Airport and Saint crossings

2 pr on each end of Airport and Saint crossings

for Airport and Saint crossings

for Airport and Saint crossings

Includes allowance for Airport and Saint crossings

Provided by HDR Engineering
11/23/2022