

CREATE Design Approval Cost Estimate and Schedule Form 3.1 WA1-BD PS&E

CREATE Project Number	WA1 - Project Cost	
Prime Railroad	Union Pacific	
Date of Report	April 19, 2022	
Project Schedule Section		Notes
Year Estimate was compiled	2022	
Begin Phase III (month/year)	Aug-22	
End Phase III (month/year)	Aug-27	
Total duration of Phase III	5 Year(s) 0 Month(s)	
Inflation rate	3.50%	

Project Cost Estimate Section	Costs	Notes
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Phase I Costs				
Part A	IDOT			\$0
Part A	RR/AAR	UPRR		\$0
Part A	CDOT			
Part B	IDOT			
Part B	RR/AAR			
Part B	RR In Kind			
Part B	FHWA			
Part B	CDOT			
Total Phase I Costs				\$0
Phase II Costs				
PSI	IDOT			
PSI	RR/AAR			\$0
PSI	FHWA			
PSI	CDOT			
PS&E Costs	IDOT			\$0
PS&E Costs	RR/AAR	UPRR		\$0
PS&E Costs	RR In Kind			
PS&E Costs	FHWA			
PS&E Costs	CDOT			
Utility Negotiation Costs				
Total Phase II Costs				\$0
ROW Costs				
ROW	IDOT			
ROW	RR/AAR			
ROW	RR In Kind			\$0
ROW	FHWA			
ROW	CDOT			
Total ROW Costs				\$0
Phase III Costs				
Construction Estimate	\$98,312,648			
"Confidence of Estimate" contingency used	10.00%			
Total Current Construction Estimate	\$108,143,913			
2023 Construction Costs With Inflation	% of Total	20.00%		\$22,385,790
2024 Construction Costs With Inflation	% of Total	20.00%		\$23,169,293
2025 Construction Costs With Inflation	% of Total	20.00%		\$23,980,218
2026 Construction Costs With Inflation	% of Total	20.00%		\$24,819,525
2027 Construction Costs With Inflation	% of Total	20.00%		\$25,688,209
		100.00%		\$120,043,035
Construction Management Costs	\$120,043,035	4.50%		\$5,401,937
Project's Management Reserve	\$120,043,035	5.00%		\$6,002,152
Total Phase III Costs				\$131,447,123
Total Project Cost				\$131,447,123

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Project Schedule Section Notes

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Begin Phase III (month/year)	Aug-22
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Total duration of Phase III	5 Year(s) 0 Month(s)
Inflation rate	3.50%

Project Cost Estimate Section Notes

Phase I Costs

Part A	IDOT		\$0
Part A	RR/AAR	UPRR	\$0
Part A	CDOT		
Part B	IDOT		
Part B	RR/AAR		
Part B	RR In Kind		
Part B	FHWA		
Part B	CDOT		
Total Phase I Costs			\$0

Phase II Costs

PSI	IDOT		\$0
PSI	RR/AAR		
PSI	FHWA		
PSI	CDOT		
PS&E Costs	IDOT		\$0
PS&E Costs	RR/AAR	UPRR	\$0
PS&E Costs	RR In Kind		
PS&E Costs	FHWA		
PS&E Costs	CDOT		
Utility Negotiation Costs			
Total Phase II Costs			\$0

ROW Costs

ROW	IDOT		\$0
ROW	RR/AAR		
ROW	RR In Kind		
ROW	FHWA		
ROW	CDOT		
Total ROW Costs			\$0

Phase III Costs

Construction Estimate	\$29,011,282		
"Confidence of Estimate" contingency used	10.00%		
Total Current Construction Estimate	\$31,912,410		
2023 Construction Costs With Inflation	% of Total	20.00%	\$6,605,869
2024 Construction Costs With Inflation	% of Total	20.00%	\$6,837,074
2025 Construction Costs With Inflation	% of Total	20.00%	\$7,076,372
2026 Construction Costs With Inflation	% of Total	20.00%	\$7,324,045
2026 Construction Costs With Inflation	% of Total	20.00%	\$7,324,045
		100.00%	\$35,167,405
Construction Management Costs	\$35,167,405	4.50%	\$1,582,533
Project's Management Reserve	\$35,167,405	5.00%	\$1,758,370
Total Phase III Costs			\$38,508,309
Total Project Cost			\$38,508,309

Material And Force Account Estimate

IDOT

Estimate Number: 134466 Version: 2

Standard Rates: Labor Additive = 223%

Estimate Good Until 11/10/22

Location: ROCKWELL SUB, CNRT, 0-4.43

Description of Work: CREATE WA1 Contractor (3.1 form)

Prepared For: 100%

Buy America: Yes

COMMENTS	FACILITY	Description	QTY	UOM	UCST	LABOR	MATERIAL	TOTAL
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TRACK REMOVAL - CONTRACT

		Dispose Trk- Turnouts-OTM	1	LS	200,000.00	0	200,000	200,000
Sub-Total =						0	200,000	200,000

SITE WORK - CONTRACT

		Mobilization	1	LS	250,000.00	0	250,000	250,000
		Storm Water Pollution Prevention Plan	1	LS	150,000.00	0	150,000	150,000
		Clearing and Grubbing	8.9	AC	5,000.00	0	44,500	44,500
		Grading: Excavation	22179	CY	35.00	0	776,265	776,265
		Aggregate - subballast - furnish, place	7919	CY	100.00	0	791,900	791,900
		Subexcavation	1500	CY	55.00	0	82,500	82,500
		Stone Backfill - 6" minus - "B-Stone"	500	TN	80.00	0	40,000	40,000
		Seeding - Hydro	1.3	AC	5,000.00	0	6,500	6,500
Sub-Total =						0	2,141,665	2,141,665

BRIDGE - CONTRACT

FULTON STREET (BR. 0.67)		Bridge - Construct	1	LS	4,151,048.59	0	4,151,049	4,151,049
FULTON STREET R WALL		Bridge - Construct	1	LS	436,420.00	0	436,420	436,420
LAKE STREET (BR. 0.82)		Bridge - Construct	1	LS	5,003,458.63	0	5,003,459	5,003,459
MAYPOLE STREET (BR.0.86)		Bridge - Construct	1	LS	1,206,301.66	0	1,206,302	1,206,302
WASHINGTON BLVD. (BR. 0.93)		Bridge - Construct	1	LS	4,289,375.24	0	4,289,375	4,289,375
WARREN AVE. (BR. 0.99)		Bridge - Construct	1	LS	4,301,952.78	0	4,301,953	4,301,953
MADISON STREET (BR. 1.05)		Bridge - Construct	1	LS	4,803,727.05	0	4,803,727	4,803,727
MONROE STREET (BR. 1.11)		Bridge - Construct	1	LS	4,222,001.10	0	4,222,001	4,222,001
JACKSON BLVD. (BR. 1.3)		Bridge - Construct	1	LS	4,212,853.96	0	4,212,854	4,212,854
VAN BUREN STREET (BR. 1.4)		Bridge - Construct	1	LS	4,026,873.83	0	4,026,874	4,026,874
EISENHOWER (BR. 1.41)		Bridge - Construct	1	LS	427,930.00	0	427,930	427,930
CONGRESS STREET (BR. 1.48)		Bridge - Construct	1	LS	4,022,743.81	0	4,022,744	4,022,744
HARRISON STREET (BR. 1.55)		Bridge - Construct	1	LS	4,236,905.12	0	4,236,905	4,236,905
POLK STREET (BR. 1.74)		Bridge - Construct	1	LS	4,280,087.60	0	4,280,088	4,280,088
TAYLOR STREET (BR. 1.87)		Bridge - Construct	1	LS	5,607,390.70	0	5,607,391	5,607,391
ROOSEVELT ROAD (BR. 2.05)		Bridge - Construct	1	LS	586,230.10	0	586,230	586,230
OGDEN AVE. (BR. 2.27) (EAST UP)		Bridge - Construct	1	LS	16,132,118.44	0	16,132,118	16,132,118
OGDEN AVE. (BR. 2.27) (WEST NS)		Bridge - Construct	1	LS	11,704,239.70	0	11,704,240	11,704,240
15TH STREET (CSX, NS)		Bridge - Construct	1	LS	2,160,980.28	0	2,160,980	2,160,980
16TH STREET (CSX, NS)		Bridge - Construct	1	LS	10,058,344.18	0	10,058,344	10,058,344
Sub-Total =						0	95,870,983	95,870,983

EQUIPMENT RENTAL

		Equipment Rental	1	LS	100,000.00	0	100,000	100,000
Sub-Total =						0	100,000	100,000

Total Wgt. in Tons =

Totals = 98,312,648 98,312,648

Grand Total = \$98,312,648

100% design. (A 6.25% State sales tax as been included with this estimate)

Material And Force Account Estimate

IDOT

Estimate Number: 134370 Version: 2

Standard Rates: Labor Additive = 223%

Estimate Good Until 11/09/22

Location: ROCKWELL SUB, CNRT, 0-4.43

Description of Work: CREATE WA1 Force Account (3.1 form)

Prepared For: 100%

Buy America: Yes

COMMENTS	FACILITY	Description	QTY	UOM	UCST	LABOR	MATERIAL	TOTAL
ENGINEERING								
		Flagging	2400	MD	1,200.00	2,880,000	0	2,880,000
		Community improvements	1	LS	400,000.00	0	400,000	400,000
Sub-Total =						2,880,000	400,000	3,280,000

TRACK CONSTRUCTION - COMPANY

	TRACK	136# CWRH0 24-8 6' CWR HWD N 16 TP	10308	TF	258.86	1,448,858	1,219,479	2,668,337
	PPTO	PPTO 136# #15 PO W / XL SPRG FROG	10	EA	248,288.58	1,138,416	1,344,470	2,482,886
Left hand	XOVER	XOVER 136# #15 PO W / XL SPRG FROG - 17' TC	1	EA	865,748.05	574,391	291,357	865,748
	XOVER	XOVER 136# #15 PO W / XL SPRG FROG - 15' TC	2	EA	856,182.35	1,137,341	575,024	1,712,365
	XOVER	XOVER 136# #15 PO W / XL SPRG FROG - 15' TC	2	EA	838,728.57	1,137,341	540,116	1,677,457
	XOVER	XOVER 136# #15 PO W / XL SPRG FROG - 14' TC	2	EA	854,612.36	1,148,781	560,443	1,709,225
Left hand	XOVER	XOVER 136# #11 PO W / XL SPRG FROG - 14' TC	1	EA	384,197.49	266,205	117,993	384,197
	PPTO	PPTO 136# #11 HT W / SMSG FROG	2	EA	176,029.59	213,375	138,684	352,059
	PPTO	PPTO 136# #11 PO W / XL SPRG FROG	1	EA	203,592.59	106,687	96,905	203,593
	XOVER	XOVER 136# #9 HT W / RBM FROG - 15' TC	1	EA	302,516.94	163,880	138,637	302,517
	PPTO	PPTO 136# #9 HT W / RBM FROG	1	EA	153,038.37	89,990	63,048	153,038
	TRACK	Shift Track: M.L. 30% TIES	31000	TF	26.95	203,979	631,525	835,504
	RLUB	LUBRICATOR: 1 TRK GAGE APPLICATION	5	EA	16,215.62	7,343	73,735	81,078
	RLUB	LUBRICATOR: 1 TRK TOP OF RAIL APPLICATION	2	EA	14,801.14	2,937	26,665	29,602
Sub-Total =						7,639,523	5,818,083	13,457,606

SIGNAL - COMPANY

UPRR signal work		Signal: Install	1	LS	9,389,085.00	5,129,901	4,259,184	9,389,085
NS signal work		Signal: Install	1	LS	1,225,500.00	0	1,225,500	1,225,500
CSX signal work		Signal: Install	1	LS	1,194,000.00	0	1,194,000	1,194,000
Sub-Total =						5,129,901	6,678,684	11,808,585

HOMELINE FREIGHT

		Homeline Freight	53153	Per Ton	8.75	0	465,090	465,090
Sub-Total =						0	465,090	465,090

Total Wgt. in Tons = 53,153

Totals = 15,649,424 13,361,857 29,011,282

Grand Total = \$29,011,282

100% design. (A 6.25% State sales tax as been included with this estimate)