

ITEM B - Construction Engineering

(Coordinate Railway construction activities,
review contractor submittals, etc.)

Labor:	180 Hours @ \$60 / hour=	10,800
Labor Additives:		13,339
Travel Expenses:		15,000
Services by Contract Engineer:		1,100,000
NET TOTAL - ITEM B		\$ 1,139,139

ITEM C - Administration

Agreement Construction, Review and/or Handling:		2,460
Protective Services Process/Handling Fee:		0
Miscellaneous Handling (i.e. Real Estate ValMap fee):		0
Accounting Hours (Labor):	20 Hours @ \$40 / hour=	800
Accounting Additives:		988
NET TOTAL - ITEM C		\$ 4,248

ITEM D - Railroad Protective Services

(During construction on, over,
under, or adjacent to the track.)

Labor:	Protective Services	
	450 days @ 435.00 per day=	195,750
	(based on working 12 hours/day)	
Labor Additive:		519,560
Travel Expenses, Meals & Lodging:		
	450 days @ \$100/day=	45,000
Rental Vehicle	0 months @ \$950/month=	0
NET TOTAL - ITEM D		\$ 760,310

ITEM E - Communications

Material:		0
Labor:		0
Purchase Services:		0
Subsistence:		0
Additive:		0
NET TOTAL - ITEM E		\$ -

ITEM F - Signal & Electrical

Material:	0
Labor:	0
Purchase Services:	0
Other:	0

NET TOTAL - ITEM F \$ -

ITEM G - Track Work

Material:	1,750,000
Labor:	255,000
Additive:	996,000
Purchase Services:	3,099,000

NET TOTAL - ITEM G \$ 6,100,000

ITEM H - T-CUBED

Lump Sum	\$ -
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NOTES

1. For all groups of CONTRACT employees, the composite labor surcharge rate used in this estimate (including insurance) is 265.42%. Self Insurance - Public Liability Property Damage is estimated at 16.00%. Work will be billed at actual current audited rate in effect at the time the services are performed.
2. For all groups of NON-CONTRACT employees, the composite labor surcharge rate used in this estimate (including insurance) is 123.51%. Self Insurance - Public Liability Property Damage is estimated at 16.00%. Work will be billed at actual current audited rate in effect at the time the services are performed.
3. All applicable salvage items due the Department will be made available to it at the jobsite for its disposal.
4. The Force Account Estimate is valid for one (1) year after the date of the estimate (07/12/2023). If the work is not performed within this time frame the Railway may revise the estimate to (1) include work not previously indicated as necessary and (2) reflect changes in cost to perform the force account work.

Norfolk Southern - Design & Construction
Estimate Summary Sheet



Internal and Confidential

Federal Project Estimate

2023

Original

DESCRIPTION: Proposed Berry Yard Track Work for Bridge Projects
LOCATION: Cincinnati , OH
MW&S DIVISION & MP: Blue Ridge -- MP CT 0.95 to MP CT 1.41

D&C PROJECT ID: D1860
NS FILE #: BR0018448
D&C PLAN #: ODOT Drawing

PREPARED BY: NFB
ESTIMATE DATE: 8/7/2023
OFF. TRACKWORK: 0

RAILWAY LENGTH: 0 TF
INDUSTRY LENGTH: 0 TF
TOTAL LENGTH: 0 TF

Department	AFE Code	Property	Labor	Material	Contract	Other	Additives	Capital	Expense	100% BILLABLE
Maintenance of Way MNR-66	5108	Crossties	\$ 109,000	\$ 203,000	\$ -	\$ 6,000	\$ 286,000	\$ -	\$ -	\$ 604,000
	5178	Switch Ties	\$ 19,000	\$ 17,000	\$ -	\$ 2,000	\$ 49,000	\$ -	\$ -	\$ 87,000
	5109.1	New Rail	\$ 32,000	\$ 321,000	\$ 291,000	\$ 2,000	\$ 118,000	\$ -	\$ -	\$ 764,000
	5109.11	Relay Rail	\$ 78,000	\$ -	\$ 24,000	\$ 4,000	\$ 187,000	\$ -	\$ -	\$ 293,000
	5109.2	New OTM	\$ 6,000	\$ 165,000	\$ -	\$ 1,000	\$ 34,000	\$ -	\$ -	\$ 206,000
	5109.21	Relay OTM	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	5111	Ballast	\$ 11,000	\$ -	\$ -	\$ 82,000	\$ 37,000	\$ -	\$ -	\$ 130,000
	5139	Grade Crossings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SUBTOTALS:			\$ 255,000	\$ 706,000	\$ 315,000	\$ 97,000	\$ 711,000	\$ -	\$ -	\$ 2,084,000
TOTAL - DEPT. 66:										\$ 2,084,000
Design & Construction ENP-62	5103	Grading	\$ -	\$ -	\$ 974,000	\$ 108,000	\$ 127,000	\$ -	\$ -	\$ 1,209,000
	5106	Drainage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	5108	Crossties	\$ -	\$ 227,000	\$ -	\$ -	\$ 28,000	\$ -	\$ -	\$ 255,000
	5178	Switch Ties	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	5109.1	New Rail	\$ -	\$ 690,000	\$ 694,000	\$ -	\$ 89,000	\$ -	\$ -	\$ 1,473,000
	5109.11	Relay Rail	\$ -	\$ -	\$ 362,000	\$ -	\$ 3,000	\$ -	\$ -	\$ 365,000
	5109.2	New OTM	\$ -	\$ 127,000	\$ -	\$ -	\$ 16,000	\$ -	\$ -	\$ 143,000
	5109.21	Relay OTM	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	5111	Ballast	\$ -	\$ -	\$ 398,000	\$ 151,000	\$ 22,000	\$ -	\$ -	\$ 571,000
5139	Grade Crossings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
SUBTOTALS:			\$ -	\$ 1,044,000	\$ 2,428,000	\$ 259,000	\$ 285,000	\$ -	\$ -	\$ 4,016,000
TOTAL - DEPT. 62:										\$ 4,016,000
C&S-52	5126	Communications	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	5127	Signals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
BBD-63	5106	Bridges and Structures	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
RES-21	5102	Real Estate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
FAC-9C	5131	Mechanical	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
EAS-57	5116	Buildings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
LAW-36	5102	Law	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TTT-94	5126	T-Cubed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
ENV-54	5103	Environmental	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
FNP-15	5109	Insurance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
INT-43	5125	Intermodal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
BLK-24	5103	Bulk Facilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TRV-56	5116	Terminals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
OTHER	5103	OTHER CHARGES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
								Total Capital	Total Expense	Total Billable
COST BREAKDOWN:								\$ -	\$ -	\$ 6,100,000
Total Federal Project Cost:										\$ 6,100,000