FORCE ACCOUNT ESTIMATE

Work to be Performed By:		Norfolk Southern Railway Company
For the Account of:		City of Augusta
Project Description:		Proposed Crossing and Rdwy Intersection Improvements
Location:		Hephzibah, GA -Willis Foreman Rd.
Project No.:		City of Augusta PI: 0013703
Milepost:		MP GF-238.41
File:		CX00113011
Date:	Original	September 22, 2026

ITEM A - Preliminary Engineering			0
ITEM B - Construction Engineering			137,084
ITEM C - Administration			5,849
ITEM D - Railroad Protective Services			0
ITEM E - Communications			0
ITEM F - Signal & Electrical			628,298
ITEM G - Track Work			162,419
ITEM H - T-Cubed			0
	Total	$	933,650
	Contingency 0%	$	-
	GRAND TOTAL	**$**	**933,650**

ITEM A - Preliminary Engineering

(Review plans and special provisions,
prepare estimates, etc.)

Labor:	0 Hours @ $60 / hour=	0
Labor Additives:		0
Travel Expenses:		0
Services by Contract Engineer:		0
	NET TOTAL - ITEM A	$ -

ITEM B - Construction Engineering

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

Labor:	40 Hours @ $60 / hour=		2,400
Labor Additives:			2,684
Travel Expenses:			2,000
Services by Contract Engineer:			130,000
	NET TOTAL - ITEM B	$	137,084

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):	40 Hours @ $40 / hour=		1,600
Accounting Additives:			1,789
	NET TOTAL - ITEM C	$	5,849

ITEM D - Railroad Protective Services

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

Labor:	Protective Services		
	0 days @ 435.00 per day=		0
	(based on working 12 hours/day)		
Labor Additive:			0
Travel Expenses, Meals & Lodging:			
	0 days @ $100/day=		0
Rental Vehicle	0 months @ $950/month=		0
	NET TOTAL - ITEM D	$	-

ITEM E - Communications

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

ITEM F - Signal & Electrical

Material:		243,532
Labor:		146,181
Purchase Services:		32,139
Other:		206,446
	NET TOTAL - ITEM F	$ 628,298

ITEM G - Track Work

Material:		98,294
Labor:		26,052
Additive:		30,737
Purchase Services:		7,336
	NET TOTAL - ITEM G	$ 162,419

ITEM H - T-CUBED

Lump Sum $ -

NOTES

1. For all groups of CONTRACT employees, the composite labor surcharge rate used in this estimate (including insurance) is 272.34%. 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 111.82% 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 (09/22/2026). 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.

ESTIMATE FOR CONSTRUCTION ENGINEERING SERVICES
HEPHZIBAH, RICHMOND COUNTY, SC

HEPHZIBAH, RICHMOND COUNTY, GA - WILLIS FOREMAN RD. AT-GRADE CROSSING WIDENING AND IMPROVEMENTS AT NSRR MP GF-238.41. DOT#734144H. NS FILE: CX0113011. NSI FILE: 16249.006. CITY OF AUGUSTA PI; 0013703.

I. PROJECT MANAGEMENT / CONSTRUCTION SUBMITTAL REVIEW

Program Manager	8	Hrs. @	$ 207.00	$	1,656
Project Engineer	24	Hrs. @	$ 135.00		3,240
Sub-Total				$	4,896

II. PRECONSTRUCTION MEETING / CONSTRUCTION MONITORING

Program Manager	24	Hrs. @	$ 207.00	$	4,968
Project Engineer	128	Hrs. @	$ 135.00		17,280
Construction Inspector	700	Hrs. @	$ 120.00		84,000
Clerical	5	Hrs. @	$ 90.00		450
Sub-Total				$	106,698

III. FINAL INSPECTION / CLOSEOUT

Program Manager	16	Hrs. @	$ 207.00	$	3,312
Project Engineer	24	Hrs. @	$ 135.00		3,240
Construction Inspector	10	Hrs. @	$ 120.00		1,200
Clerical	3	Hrs. @	$ 90.00		270
Sub-Total				$	8,022

DIRECT COSTS

Subsistence	17	Days @	$ 150.00	$	2,550
Travel (Auto)	10,800	Miles @	$ 0.72	$	7,776
Photos				-	
Printing				$	50
Postage				$	8
Phone Calls (Actual)				-	
TOTAL DIRECT COSTS				$	10,384

TOTAL ESTIMATE $ 130,000

NEEL-SCHAFFER, INC.
September 22, 2026

Justin T. Wood, P. E.
Railroad Program Manager

Norfolk Southern Railway Company Existing Crossing
Coastal Division DOT Number: None /DOT#734144H
Hephzibah, GA -Willis Foreman Rd.
ESTIMATE FOR CROSSING IMPROVEMENT (ASPHALT SURFACE)

1 TRACK(S); 120 CROSSING LENGTH

MATERIAL	QUANTITY	UNIT	UNIT COST	AMOUNT
SURFACE MATERIAL (Rubber Flangeways)	120	TRK. FT.	81.00	9,720
ASPHALT (BY CONTRACTOR)	55	TONS	396.00	21,657
RAIL, 136-LB RE	320	LIN FT.	25.00	8,000
TRANSITION RAIL	4	EA.	1171.00	4,684
INSULATED JOINTS	0	EA.	1355.00	0
RAIL ANCHORS	453	EA.	1.90	861
SPIKES	5.0	KEG	118.00	590
TIE PLATES	227	EA.	15.00	3,400
CROSSTIES (10')	0	EA.	100.00	0
CROSSTIES (GRADE 5)	113	EA.	55.00	6,233
TRUCKED BALLAST AND GRAVEL	173	TONS	104.00	17,992
GEOTEXTILE	140	LIN FT.	7.00	980
THERMITE WELDS	4	EA.	691.00	2,764
ASPHALT (DISPOSAL)	2	LUMPS	5000.00	10,000
132-LB RE-STRAIGHT JT BARS	8	PR.	110.00	880
TOTAL (INCLUDES 12% INVENTORY OR TAX ADDITIVES)				98,294

LABOR

REMOVE EXISTING CROSSING	80	MAN HOURS	35.27	2,822
REHABILITATE TRK. STRUCTURE	120	MAN HOURS	35.27	4,232
INSTALL NEW CROSSING	120	MAN HOURS	35.27	4,232
TOTAL				11,286

OTHER ITEMS

COMPOSITE LABOR ADDITIVE (272.34%)	30,737
EQUIPMENT RENTAL & TRANSPORTATION	7,336
PRELIMINARY & CONSTRUCTION ENGINEERING SERVICES AND INVOICE	14,765
TOTAL (TO BE BILLED TO PROJECT SPONSOR)	**$162,419**

*ESTIMATE BASED ON FULL CLOSURE OF ROAD WITH TRAFFIC CONTROL AND BARRICADES PROVIDED BY OTHERS

*UNIT COSTS ARE ESTIMATED. ACTUAL UNIT COSTS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

This estimate is valid for one (1) year after the date of estimate. If work is not performed within this time frame the Railway may revise the estimate to include work not previously deemed necessary.

This estimate shall not be considered as an approval for a temporary crossing. Information provided is an estimation of the anticipated cost for the construction of the crossing only. All temporary construction crossings require a separate approval from Norfolk Southern's General Manager and Division Superintendent, a separate stand alone temporary construction crossing agreement with associated real estate fees, and all required insurances as noted in the in the temporary construction crossing agreement.

OFFICE OF CHIEF ENGINEER DESIGN & CONSTRUCTION - ATLANTA, GEORGIA
Tuesday, September 22, 2026 File: CX00113011

22-May-26

Detailed Estimate for Grade Crossing Warning Devices

City/State:	HEPHZIBAH, GA	Road:	WILLIS FOREMAN
MilePost:	GF-238.2	DOT/AAR:	734144H
State Proj. No.:		County:	RICHMOND
S&E Proj. No.:	03.0199	AFE:	F-09675
Man Days:	204	File Number:	061-03.1261

*****Purchases - Others*****		
Meals and Lodging:	$45,577.04	
Rental of Equipment:	$26,303.27	
(2 Trucks, 1 Backhoe w/ Trailer and 1 Pipe-Pusher for 34 Days)		
Construction Supervision Vehicle:	$269.19	
Purchases - Other Total:		$72,149.50
*****Material And Additives*****		
Material Cost:	$215,515.00	
Sales and Use Tax:	$17,241.00	
Material Handling Freight:	$10,775.74	
Material Total:		$243,531.74
*****Labor And Additives*****		
Labor Cost:	$90,576.00	
(6 man crew at $2,664.00 a day for: 34 days)		
Payroll Tax & Overheads:	$134,297.04	
Preliminary Engineering:	$32,139.52	
Construction Supervision:	$55,604.61	
Labor Total:		$312,617.17
Project Cost:		$628,298.41
Scrap / Salvage Credit:		$0.00
Project Total:		**$628,298.41**

Estimated on: 22-May-26

Estimated by: ndr3j

Estimate valid for 1 year from date of estimate