

## FORCE ACCOUNT ESTIMATE

Work to be Performed By:	Norfolk Southern Railway Company
For the Account of:	Ohio Department of Transportation
Project Description:	Rehabilitation of I-75 bridge over NS
Location:	Findlay, Hancock Co., OH
Project No.:	PID 87005
Milepost:	SP-58.95
Date:	January 28, 2014
File:	BR0015876

### SUMMARY

ITEM A - Preliminary Engineering	0
ITEM B - Construction Engineering	96,214
ITEM C - Accounting	2,077
ITEM D - Flagging Services	62,590
ITEM E - Communications Changes	0
ITEM F - Signal & Electrical Changes	0
ITEM G - Track Work	0
ITEM H - T-Cubed	0
<b>GRAND TOTAL</b>	<b>\$ 160,881</b>

### 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:		1,886
Travel Expenses:		2,500
Services by Contract Engineer:		89,428
	<b>NET TOTAL - ITEM B</b>	<b>\$ 96,214</b>

**ITEM C - Administration**

Agreement Construction, Review and/or Handling:		1,000
Accounting Hours (Labor):	20 Hours @ \$30 / hour=	600
Accounting Additives:		477
	<b>NET TOTAL - ITEM C</b>	<b>\$ 2,077</b>

**ITEM D - Flagging Services**

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

Labor:	Flagging Foreman	
	60 days @ 330.00 per day=	19,800
	(based on working 12 hours/day)	
Labor Additive:		36,790
Travel Expenses, Meals & Lodging:	60 days @ \$100/day=	6,000
	<b>NET TOTAL - ITEM D</b>	<b>\$ 62,590</b>

**ITEM E - Communications Changes**

Material:	(see attached summary)	0
Labor:	(see attached summary)	0
Purchase Services:	(see attached summary)	0
Subsistence:	(see attached summary)	0
Additive:	(see attached summary)	0
	<b>NET TOTAL - ITEM E</b>	<b>\$ -</b>

**ITEM F - Signal & Electrical Changes**

Material:	(see attached summary)	0
Labor:	(see attached summary)	0
Purchase Services:	(see attached summary)	0
Other:	(see attached summary)	0

**NET TOTAL - ITEM F** \$ -

**ITEM G - Track Work**

Material:	(see attached summary)	0
Labor:	(see attached summary)	0
Additive:	(see attached summary)	0
Purchase Services:	(see attached summary)	0

**NET TOTAL - ITEM G** \$ -

**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 **185.81%**. 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 **78.59%**. 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 (01/28/2014). 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.

## FORCE ACCOUNT ESTIMATE

Work to be Performed By: Norfolk Southern Railway Company  
For the Account of: Ohio Department of Transportation  
Project Description: Rehabilitation of I-75 bridge over NS  
Location: Findlay, Hancock Co., OH  
Project No.: PID 87005  
Milepost: SP-59.18  
Date: January 28, 2014  
File: BR0128899

### SUMMARY

ITEM A - Preliminary Engineering	0
ITEM B - Construction Engineering	81,696
ITEM C - Accounting	2,077
ITEM D - Flagging Services	62,590
ITEM E - Communications Changes	0
ITEM F - Signal & Electrical Changes	0
ITEM G - Track Work	0
ITEM H - T-Cubed	0
<b>GRAND TOTAL</b>	<b>\$ 146,363</b>

### 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:		1,886
Travel Expenses:		2,500
Services by Contract Engineer:		74,910
	<b>NET TOTAL - ITEM B</b>	<hr/>
		\$ 81,696

**ITEM C - Administration**

Agreement Construction, Review and/or Handling:		1,000
Accounting Hours (Labor):	20 Hours @ \$30 / hour=	600
Accounting Additives:		477
	<b>NET TOTAL - ITEM C</b>	<hr/>
		\$ 2,077

**ITEM D - Flagging Services**

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

Labor:	Flagging Foreman	
	60 days @ 330.00 per day=	19,800
	(based on working 12 hours/day)	
Labor Additive:		36,790
Travel Expenses, Meals & Lodging:		
	60 days @ \$100/day=	6,000
	<b>NET TOTAL - ITEM D</b>	<hr/>
		\$ 62,590

**ITEM E - Communications Changes**

Material:	(see attached summary)	0
Labor:	(see attached summary)	0
Purchase Services:	(see attached summary)	0
Subsistence:	(see attached summary)	0
Additive:	(see attached summary)	0
	<b>NET TOTAL - ITEM E</b>	<hr/>
		\$ -

**ITEM F - Signal & Electrical Changes**

Material:	(see attached summary)	0
Labor:	(see attached summary)	0
Purchase Services:	(see attached summary)	0
Other:	(see attached summary)	0
<b>NET TOTAL - ITEM F</b>		<b>\$ -</b>

**ITEM G - Track Work**

Material:	(see attached summary)	0
Labor:	(see attached summary)	0
Additive:	(see attached summary)	0
Purchase Services:	(see attached summary)	0
<b>NET TOTAL - ITEM G</b>		<b>\$ -</b>

**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 **185.81%**. 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 **78.59%**. 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 (01/28/2014). 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.

## FORCE ACCOUNT ESTIMATE

Work to be Performed By:	Norfolk Southern Railway Company
For the Account of:	Ohio Department of Transportation
Project Description:	Rehabilitation of I-75 bridge over NS
Location:	Findlay, Hancock Co., OH
Project No.:	PID 87005
Milepost:	SP-59.55 Harrison Street
Date:	January 28, 2014
File:	BR0023311

### SUMMARY

ITEM A - Preliminary Engineering	0
ITEM B - Construction Engineering	80,042
ITEM C - Accounting	2,077
ITEM D - Flagging Services	62,590
ITEM E - Communications Changes	0
ITEM F - Signal & Electrical Changes	0
ITEM G - Track Work	0
ITEM H - T-Cubed	0
<b>GRAND TOTAL</b>	<b>\$ 144,709</b>

### 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:		1,886
Travel Expenses:		2,500
Services by Contract Engineer:		<u>73,256</u>
<b>NET TOTAL - ITEM B</b>		<b>\$ 80,042</b>

**ITEM C - Administration**

Agreement Construction, Review and/or Handling:		1,000
Accounting Hours (Labor):	20 Hours @ \$30 / hour=	600
Accounting Additives:		<u>477</u>
<b>NET TOTAL - ITEM C</b>		<b>\$ 2,077</b>

**ITEM D - Flagging Services**

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

Labor:	Flagging Foreman	
	60 days @ 330.00 per day=	19,800
	(based on working 12 hours/day)	
Labor Additive:		36,790
Travel Expenses, Meals & Lodging:		
	60 days @ \$100/day=	<u>6,000</u>
<b>NET TOTAL - ITEM D</b>		<b>\$ 62,590</b>

**ITEM E - Communications Changes**

Material:	(see attached summary)	0
Labor:	(see attached summary)	0
Purchase Services:	(see attached summary)	0
Subsistence:	(see attached summary)	0
Additive:	(see attached summary)	<u>0</u>
<b>NET TOTAL - ITEM E</b>		<b>\$ -</b>



**ITEM F - Signal & Electrical Changes**

Material:	(see attached summary)	0
Labor:	(see attached summary)	0
Purchase Services:	(see attached summary)	0
Other:	(see attached summary)	0
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<b>NET TOTAL - ITEM F</b>		\$ -

**ITEM G - Track Work**

Material:	(see attached summary)	0
Labor:	(see attached summary)	0
Additive:	(see attached summary)	0
Purchase Services:	(see attached summary)	0
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<b>NET TOTAL - ITEM G</b>		\$ -

**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 **185.81%**. 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.
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