

# NORFOLK SOUTHERN RAILWAY COMPANY

WESTERN REGION - LAKE DIVISION

ASHVILLE, OHIO - STATION STREET - MP N-684.5, DOT#

ESTIMATE FOR PROPOSED SURFACE IMPROVEMENT

WITH NS STANDARD ASPHALT AND RUBBER SURFACE MATERIAL

3 TRACK(S)

40 ' CROSSING LENGTH

MATERIAL	QUANTITY	UNIT	UNIT COST	AMOUNT
RAIL SEAL	120	TRK. FT.	60.86	7,303
ASPHALT (in place, inc. pav. cutting)	37	TONS	85.00	3,148
RAIL, 132 lb. BW	240	LIN FT.	20.71	4,970
RAIL ANCHORS	236	EA.	1.34	316
SPIKES	2.0	KEG	83.78	168
TIE PLATES	118	EA.	10.31	1,217
CROSSTIES (GRADE 5)	197	EA.	57.96	11,418
BALLAST AND GRAVEL	271	TONS	7.00	1,897
GEOTEXTILE	150	LIN FT.	3.00	450
BALLAST RAISE 3RD TRACK	200	TONS	22.00	4,400
TOTAL (INCLUDES 5% INVENTORY OR TAX ADDITIVES)				37,052

## LABOR

REMOVE EXISTING CROSSING		LUMP SUM		3,000
REHABILITATE TRACK STRUCTURE		LUMP SUM		7,158
SECTION GANG / SMOOTHING GANG		LUMP SUM		3,516
DISPOSAL FEE ASPHALT		LUMP SUM		10,000
INSTALL NEW CROSSING		LUMP SUM		8,000
TRAFFIC CONTROL		LUMP SUM		6,000
FLAGGING	5	DAYS	941.00	4,705
TOTAL				42,379

## SALVAGE

RAIL	-4.6	TON	70.00	(300)
SMALL SCRAP	-1.5	TON	70.00	(100)
TOTAL (CREDIT)				(400)

COMPOSITE LABOR ADDITIVE (185.26%)				78,511
USE OF EQUIPMENT				29,665
Preliminary Engineering, Construction Supervision, Bill Preparation				55,794

**GRAND TOTAL** **\$243,000**

OFFICE OF CHIEF ENGINEER, BRIDGES AND STRUCTURES - ATLANTA, GEORGIA

DATE: May 15, 2013

FILE: CX0039833