



Norfolk Southern Corporation  
 Communications and Signal Department  
 1200 Peachtree Street, N.E., Box 123  
 Atlanta, Georgia 30309

**B. L. Sykes**  
 Chief Engineer  
 C&S Engineering  
 404/529-2105

September 18, 2008  
 CX0104978

Ms. Cheryl Cathey, P. E.  
 Chief of Preliminary Engineering  
 Illinois Department of Transportation  
 Room 334  
 2300 South Dirksen Parkway  
 Springfield, IL 62764

**RECEIVED**  
 NOV 5 2008

ILLINOIS Commerce Commission  
 RAIL SAFETY SECTION

X-12798  
 T08-0152

Attn: Mike Martin

Dear Ms. Cathey:

Please reference Ms. Cathey's request to Mr. R. H. Ray of May 06, 2008 (phone call), regarding the modification of automatic warning devices at US-136 near the city of Osman, McLean County, Illinois, DOT: 479 052T, MP: C-124.68.

Attached are two copies each of the revised detailed estimate, material list and engineering plans for the above project. Previously furnished were two copies the Agreement, executed on behalf of the railway. When the forms are fully executed, please return one original to this office, advising authorization to proceed.

Sincerely,

*B. L. Sykes*

B. L. Sykes

Attachments

BLS\rhr\mlr\rjs

cy: Mr. M. E. Stead (w/Plans, Form 3 was previously furnished)

Mr. P. A. Gray, NS Corp Roanoke, VA (w/copy of estimate)



**Detailed Estimate for Grade Crossing Warning Devices**

City/State: LOTUS, IL  
MilePost: C-124.68  
State Proj. No.: RRS-0709(022)  
S&E Proj. No.: 04.0006  
Man Days: 40

Road: US-136  
DOT/AAR: 479052T  
County: MCLEAN  
AFE: F10857  
File Number: 061-04.0152

<b>***Purchases - Others***</b>	
Meals and Lodging:	\$5,126.40
Rental of Equipment:	\$9,078.00
(2 Trucks, 1 Backhoe w/ Trailer and 1 Pipe-Pusher for 10 Days)	
Construction Supervision Vehicle:	\$3,168.76
<b>Purchases - Other Total:</b>	<b>\$17,373.16</b>
<b>***Material And Additives***</b>	
Material Cost:	\$20,937.00
Sales and Use Tax:	\$1,047.00
Material Handling Freight:	\$1,046.84
<b>Material Total:</b>	<b>\$23,030.84</b>
<b>***Labor And Additives***</b>	
Labor Cost:	\$10,680.00
(4 man crew at \$1,068.00 a day for: 10 days)	
Payroll Tax & Overheads:	\$14,187.31
Preliminary Engineering:	\$2,782.28
Construction Supervision:	\$5,982.94
<b>Labor Total:</b>	<b>\$33,632.53</b>
<b>Project Cost:</b>	<b>\$74,036.53</b>
Scrap / Salvage Credit:	\$0.00
<b>Project Total:</b>	<b>\$74,036.53</b>

Estimated on: 18-Sep-08

Estimated by: n5s2v

**Estimate valid for 1 year from date of estimate**



# Norfolk Southern Railway

## Highway Crossing Signalization Program - Material List

Do not substitute items without permission from S & E Engineering

City:	LOTUS
Road:	US-136
Mile Post:	C-124.68
Drawing Number:	FTLB12468
State ProjectNumber:	RRS-0709(022)
County:	MCLEAN
A A R Number:	479052T
Project Number:	04.0006
File Number:	061-04.0152
New File Number:	CX0104978
A F E Number:	F10857
Store Number:	08332
Supervisor:	L.W. HIMSTEDT
Tax Code:	1200
Vendor to supply the following copies after pricing:  1 Set - Material Management with original Invoice 2 Sets - with plans shipped in car with material 1 Set - S&E Gen. Supt. Construction w/copy of invoice	

Location: LOTUS

IL

S&amp;E Proj. No.: 04.0006

AFE No.: F10857

Drawing No.: FTLB12468

Store No.: 08332

P.O.Number:

Date Required:

Date Shipped:

Vendor: Interrail Engineering, INC

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed			Quantity Returned (Credit)	Special Instructions
							Date	Date	Date		
2	670-119241-4	EA	\$33.22	\$66.44	ARRESTOR, LIGHTNING HEAVY DUTY CLEAR VIEW SAFETRAN 022585-1X						
2	670-980689-4	EA	\$71.71	\$143.42	BRACKET HIGH WIND, (RIGID 3'), WIG- 191036, WALRUS TUSK TYPE						
2	670-561375-4	EA	\$1,197.90	\$2,395.80	BRACKET, GATE SAVER, NEG385102GS, SPRING LOADED SWING AWAY ADAPTER FOR FIBERGLASS/ALUMINUM GATES, USE WITH GATE 28' AND LESS						
300	465-292929-4	LF	\$3.93	\$1,179.00	CABLE, U.G. 5 COND. NO. 6 AWG SOLID COPPER CABLE TO MEET NS CORP. SPEC. FOR SIGNAL						
300	465-939422-4	LF	\$2.75	\$825.00	CABLE, UG 12 CONDUCTOR NO 14 AWG SOLID EACH CONDUCTOR WITH 5/64 IN INSULATION 10 MIL						
80	165-544477-4	FT	\$3.41	\$272.80	CONDUIT, 4"x10' PVC, SCHEDULE 80 BELL CONNECTOR AT ONE END, 1/2 PT. GLUE IN KIT 670-123298-4						
2	670-793404-4	EA	\$858.75	\$1,717.50	COUNTERWEIGHT PKAGE, 17-24'GATE S'TRAN S- MECH ONLY, STAINLESS, TO INCLUDE HUB, SUPPORT ARMS						
4	670-760012-4	EA	\$40.02	\$160.08	COVER, FOR 1 WAY FLASHING LIGHT ASSY. 18 OZ. BLACK VINYL COATED NYLON. ====TO COVER 2 LAMPS====						
1	670-986650-4	EA	\$377.57	\$377.57	DISPOSAL, CONSTRUCTION DEBRIS AND CLEANING X'ING EQUIPMENT CONTAINER						
2	670-000003-4	EA	\$255.85	\$511.70	FILL/STONE #57, QUANTITY IS BASED ON TRUCK LOAD PLUS DELIVERY COST						
2	670-015231-4	EA	\$556.71	\$1,113.42	FOUNDATION,DIXIE,S-2 GATE 2'6"X2'6"X5'6" ASSEMBLED						
2	670-257031-4	EA	\$335.88	\$671.76	GATE, ARM FIBERGLASS-ALUMINUM 17-24 FT., INCLUDES GATE GUARD FOR GATE LIGHT CABLE, NEG P/N 8002-244NFS/CG						
2	670-764166-4	EA	\$928.23	\$1,856.46	LAMP ASSY, 5" MAST MTG. 2W IND. 20" BKGRD, FLX-12 W/BULB S'TRAN #042003-487XNS						
6	165-643547-4	EA	\$4.65	\$27.90	LAMP, 18 WATT 10 VOLT S-11 SC BAY 18S11/1SC CLEAR RWY SIGNAL UJ-71463 GE						
2	670-440826-4	EA	\$1.02	\$2.04	LINK, SAFETRAN 024620-1X INSL TESTING COMP 1 IN CENTER SIGNAL CIRCUITS CR 02-286662						
2	255-590880-4	EA	\$17.08	\$34.16	LOCK, AMERICAN LOCK MODEL H-10KA KEYED ALIKE TO PRIVATE KEYWAY D456 AND STAMPED "NS SIG"						

APPROVED BY STATE

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CAR NUMBER

SEAL NUMBER

Location: LOTUS

IL

S&amp;E Proj. No.: 04.0006

AFE No.: F10857

Drawing No.: FTLB12468

Store No.: 08332

P.O.Number:

Date Required:

Date Shipped:

Vendor: Interrail Engineering, INC

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed			Quantity Returned (Credit)	Special Instructions
							Date Quan.	Date Quan.	Date Quan.		
2	670-637778-4	EA	\$1,058.76	\$2,117.52	MAST, 5" ALUMINUM 13'10" WITH DOUBLE JCT. BOX BASE. S'TRAN P# 070519-11AX.						
2	670-850933-4	EA	\$3,404.11	\$6,808.22	MECHANISM, GATE MODEL S-60, WITH DEFROSTER AND MINI TRACKSIDE SENSOR S'TRAN # 0740007-X002B3						
4	670-001347-4	EA	\$63.93	\$255.72	PACKAGE, HARDWARE SIGN 5 IN. MOUNTING, SERRMI A1250-5, HARMON @200965-000, OR						
1	670-514605-4	EA	\$8.54	\$8.54	PINNACLE, W-C SECT 1-11, 4"& 5" REF K1 110-8 OR SAFETRAN NO. @035045-503X						
1	465-002899-4	EA	\$28.54	\$28.54	REEL, CABLE DISPOSABLE FOR CROSSING SIGNAL PACKAGES						
4	435-805560-4	EA	\$6.25	\$25.00	SAND, 25LB BAG FOR CABLE ENTRANCE INTO THE SHELTER						
2	670-393331-4	EA	\$37.43	\$74.86	SIGN CROSSING MALFUNCTION ASSEMBLY FOR 4" AND 5" MAST, SAFETRAN #T17215						
2	670-806648-4	EA	\$56.96	\$113.92	SIGN, X-BUCK, LESS HARDWARE, SAFETRAN 035200-X CR 02-490546						
2	670-751511-4	EA	\$36.12	\$72.24	SIGN, "1" TRACK, LESS HARDWARE SAFETRAN# 035207-1X						
2	670-006438-4	EA	\$11.23	\$22.46	TAPE, 4" X 96" REFLECTIVE APPLY TO BACK OF X-BUCK SIGN. ONLY IN IA., IN., IL., AL. 035200-555X						
1	670-330382-4	RL	\$15.68	\$15.68	TAPE, THOR 3" DURATEC, ORANGE 1000' LENGTHS. "WARNING STOP DIGGING"						
2	670-478560-4	EA	\$19.52	\$39.04	TERMINAL BLOCK, ERICO 4 POST P/N B2700A2C1WH W/HARDWARE LESS LIGHTNING ARRESTOR						

Total Material: \$20,936.79

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CAR NUMBER

SEAL NUMBER