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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
CX0037113

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

Amended
X-12763

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 First Street in the city of Gibson City, Ford County, Illinois, DOT: 479 032G, MP: C-113.63.

Attached are two copies each of the revised detailed estimate, material list and engineering plans for the above project. These were revised to reflect Mr. R. Bergeron's request to remove all "Future Use" items from new circuit plans. 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

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: GIBSON CITY, IL
 MilePost: C-113.63
 State Proj. No.: RRS-0326(068)
 S&E Proj. No.: 04.0161
 Man Days: 88

Road: 1ST. STREET
 DOT/AAR: 479032G
 County: FORD
 AFE: F10860
 File Number:

Purchases - Others	
Meals and Lodging:	\$11,278.08
Rental of Equipment:	\$19,971.60
(2 Trucks, 1 Backhoe w/ Trailer and 1 Pipe-Pusher for 22 Days)	
Construction Supervision Vehicle:	\$1,597.73
Purchases - Other Total:	\$32,847.41
Material And Additives	
Material Cost:	\$77,135.00
Sales and Use Tax:	\$3,857.00
Material Handling Freight:	\$3,856.74
Material Total:	\$84,848.74
Labor And Additives	
Labor Cost:	\$23,496.00
(4 man crew at \$1,068.00 a day for: 22 days)	
Payroll Tax & Overheads:	\$23,178.80
Preliminary Engineering:	\$8,855.52
Construction Supervision:	\$6,632.92
Labor Total:	\$62,163.24
Project Cost:	\$179,859.39
Scrap / Salvage Credit:	\$0.00
Project Total:	\$179,859.39

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:	GIBSON CITY
Road:	1ST. STREET
Mile Post:	C-113.63
Drawing Number:	FTLB11363
State ProjectNumber:	RRS-0326(068)
County:	FORD
A A R Number:	479032G
Project Number:	04.0161
File Number:	
New File Number:	CX0037113
A F E Number:	F10860
Store Number:	08315
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: GIBSON CITY

IL

S&E Proj. No.: 04.0161

AFE No.: F10860

Drawing No.: FTLB11363

Store No.: 08315

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		
						Quan.	Quan.	Quan.			
3	670-360693-4	EA	\$5.50	\$16.50	AAR/DOT NUMBER PLATE/DECAL, ORDER 3 PER PROJECT. 60 DAY LEAD TIME. SUPPLIED BY S'TRAN.						
1	165-006505-4	EA	\$1,051.54	\$1,051.54	AC SERVICE, COMPLETE LESS METER BASE, ASSEMBLED ON 30' POLE						
9	670-119241-4	EA	\$33.22	\$298.98	ARRESTOR, LIGHTNING HEAVY DUTY CLEAR VIEW SAFETRAN 022585-1X						
13	105-871901-4	EA	\$189.89	\$2,468.57	BATTERY,GNB 265AH MODEL 50A11 SINGLE CELL 2.25 VOLTS						
1	670-958754-4	EA	\$2,404.40	\$2,404.40	BERM WALL, 20' L X 4' H W/ HAND RAILS - SERRMI #40409-20						
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						
1	670-016354-4	EA	\$32.36	\$32.36	BRACKET, RELAY FOR WALL MOUNTING ONE B-1 PLUG-IN RELAY SAFETRAN# 420000-51X						
1	670-356949-4	EA	\$63.77	\$63.77	CABLE, 10' GENERATOR HOOK UP, SERRMI P/N 40524. FEMALE CONNECTOR						
300	465-292862-4	LF	\$1.29	\$387.00	CABLE, U-2-6 TWISTED, S-23 OKONITE 113-12-3933 SOLID TINNED CONDUCTOR						
1200	465-292945-4	LF	\$1.45	\$1,740.00	CABLE, U-5-14, S-54 OKONITE 206-14-6885						
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						
300	465-791835-4	FT	\$3.35	\$1,005.00	CABLE, UG AC ENTRANCE 3C#6-7X OKONITE FMPF-L 094-078 TR W/G 1 X 8 7X W010 BRZ TAPE 600V PRODUCT CODE 206-11-6070						
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	670-090450-4	EA	\$60.25	\$120.50	CONNECTOR, WELDED FAR RAIL HARMON A1000-2W						
2	670-486646-4	EA	\$51.70	\$103.40	CONNECTOR, WELDED NEAR RAIL HARMON A1000-1W						

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CAR NUMBER

SEAL NUMBER

Location: GIBSON CITY

IL

S&E Proj. No.: 04.0161

AFE No.: F10860

Drawing No.: FTLB11363

Store No.: 08315

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	670-793404-4	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						
1	670-000004-4	EA	\$700.00	\$700.00	FCC LICENSE FOR MONITOR/RADIO						
4	670-000003-4	EA	\$255.85	\$1,023.40	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						
1	670-976662-4	EA	\$29,298.98	\$29,298.98	GCP 4000 1 TRK, REDUNDANT, (2TRK CHASSIS), WIRED RACK FOR 6X6 FARADAY, 2 EA SSCCIII, 2 EA 20 AMP CRAIG CHARGER, WITH SEAR III, 2 RELAY RACKS, SAFETRAN T18807						
1	670-927262-4	EA	\$43.79	\$43.79	INDUCTOR, SIMULATED TRACK SAFETRAN 8V617-1200						
1	670-477991-4	EA	\$317.90	\$317.90	KIT, GROUNDING ASSY FOR AL I/S INCLUDES 8 GRD RDS,200'#4WIRE,12 4 WIRE ONE-SHOTS. ERICO SBK206						
1	670-123298-4	EA	\$287.93	\$287.93	KIT, HARDWARE SUPPLIES REQUIRED X'ING P'CKAGES. WEB CONNECTORS FOR SHUNT(8EA) TAPE, AMPS,P'GUM PAINT,SLEEVES,TAGS,GLUE, 100 EA WHITE TAGS,)NE CAN BLUE MARKING PAINT ETC...						
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						
9	670-440826-4	EA	\$1.02	\$9.18	LINK, SAFETRAN 024620-1X INSL TESTING COMP 1 IN CENTER SIGNAL CIRCUITS CR 02-286662						
4	255-590880-4	EA	\$17.08	\$68.32	LOCK, AMERICAN LOCK MODEL H-10KA KEYED ALIKE TO PRIVATE KEYWAY D456 AND STAMPED "NS SIG"						

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CAR NUMBER

SEAL NUMBER

Location: GIBSON CITY

IL

S&E Proj. No.: 04.0161

AFE No.: F10860

Drawing No.: FTLB11363

Store No.: 08315

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		
Quan.	Quan.	Quan.	Quan.	Quan.	Quan.	Quan.	Quan.	Quan.	Quan.	Quan.	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						
1	670-014233-4	EA	\$995.64	\$995.64	MODULE, DAX FOR 3000 GCP SAFETRAN #80016						
1	670-014225-4	EA	\$1,057.92	\$1,057.92	MODULE, PROCESSOR FOR 3000 GCP SAFETRAN #80214						
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						
2	670-555609-4	EA	\$45.64	\$91.28	PLUGBOARD, TYPE B-1 GRS A62-506 OR HARMON @7062-506 OR						
1	165-902002-4	EA	\$308.00	\$308.00	PROTECTOR, SURGE 120/240VAC, ERICO P/N EPD120/240TDFL						
4	465-002899-4	EA	\$28.54	\$114.16	REEL, CABLE DISPOSABLE FOR CROSSING SIGNAL PACKAGES						
2	670-742096-4	EA	\$43.30	\$86.60	RELAY INTERFACE PROBE, ULTRATECH PN 16031-00						
2	670-707995-4	EA	\$317.52	\$635.04	RELAY, TYPE B1, NEV LINE, 900 OHMS,.008 AMPERES GRS A62-308 OR SAFETRAN @400003						
4	435-805560-4	EA	\$6.25	\$25.00	SAND, 25LB BAG FOR CABLE ENTRANCE INTO THE SHELTER						
1	670-027556-4	EA	\$2,952.82	\$2,952.82	SEARIII ACCESSORY PACKAGE, W/2-ILOD, 1-E-BELL, 2-GTS, 1-GFT, 1-VHFC, WITHOUT MTSS/SEAR UNIT						
1	670-281280-4	EA	\$7,264.05	\$7,264.05	SHELTER BARE 6X6, ALUMN, FARADAY, W/CABLE CHUTES BEHIND TERMINAL BOARD, W/GEN. CONN. W/ADJUSTABLE PIERS, ,SAFTETRAN P/N 058400-66-78A						
2	670-586967-4	EA	\$39.20	\$78.40	SHUNT COVER W/LAG SCREWS, 19"X19", SERRMI #40271, ORDER 1 PER SHUNT						
2	670-688850-4	EA	\$374.82	\$749.64	SHUNT, MULTI-FREQ. #62775-3497 SAFETRAN NARROW BAND						
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						

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Location: GIBSON CITY

IL

S&E Proj. No.: 04.0161

AFE No.: F10860

Drawing No.: FTLB11363

Store No.: 08315

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	670-751511-4	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"						
9	670-478560-4	EA	\$19.52	\$175.68	TERMINAL BLOCK, ERICO 4 POST P/N B2700A2C1WH W/HARDWARE LESS LIGHTNING ARRESTOR						
3	610-065626-4	EA	\$18.18	\$54.54	ULTRA-TECH 15206-01 CONNECTIVITY BLOCK FOR GRS B1 RELAY						
6	670-007238-4	EA	\$131.41	\$788.46	UNIT, THE INSTALLATION AND WIRING OF A DEVICE WHICH REQUIRE A MINIMUM OF FOUR WIRE CONNECT-						
200	465-999161-4	LF	\$0.18	\$36.00	WIRE, NO.16, 1 CONDUCTOR, CASE, FLEXIBLE, 19 STRAND, 2/64 IN. INSULATION CR 02-620254						
2	450-986008-4	EA	\$25.14	\$50.28	WRENCH, TEST POST TYPE B DWG 55393-3, GR.1						

Total Material: \$77,134.90

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