

ORIGINAL

STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION

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SEP 9 2002

Petition for permission to make a major change in crossing protection, or to install new protection under 92 Illinois Administrative Code 1535.400 (d).

X-11860
T01-0070

Illinois Commerce Commission
RAIL SAFETY SECTION

Date: August 30, 2002

To the ILLINOIS COMMERCE COMMISSION:

The petitioner Norfolk Southern Railway Company shows

- (1) That it is a railroad company operating a line of railroad in the State of Illinois.
- (2) That petitioner proposes and hereby makes application for authority to make a major change in crossing protection, or to install new protection, under 92 Illinois Administrative Code 1535.400 (d) adopted by this Commission.
- (3) That the location of the crossing, nature of protection now established and proposed to be established, and other pertinent facts in connection therewith, are set forth in the statement attached to and forming part of this petition.
- (4) That petitioner's reasons and purpose, with reference to its said proposal are to:

Modification of Grade Crossing Warning Devices requested by Illinois Commerce Commission
at: East St. in Jacksonville, Morgan County, Illinois, DOT: 479 405D, MP. DH-447.73

File No. 061-04,314 Project No. 04.0501

- (5) That the facts set forth in this petition and in the statement and plans or plats attached thereto, are, all of them, true and correct to the best of petitioner's knowledge and belief.

WHEREFORE, the petitioner prays that the Commission will, if deemed desirable by the Commission, set the aforesaid matter for hearing, and that the Commission enter an order or adopt a resolution consenting to and granting authority for the making of the said proposed changes in or additions to crossing protection.

Norfolk Southern Railway Company

By R. H. Ray
R. H. Ray, Administrator
Highway Grade Crossings

Thomas W. Ambler
(Attorney for Petitioner)

Norfolk Southern Corporation
Three Commercial Place
Norfolk, VA 23510-2191
(Attorney's Address)

DOCKET

Statement, attached to and part of an application for permission to make a major change in crossing protection or to install new protection, under 92 Illinois Administrative Code 1535.400(d).

1. Name of Railroad Company Norfolk Southern Railway Company

2. Crossing Number 479 405D

3. Village or City Jacksonville

4. Name of Street or Highway East Street

5. Public Agency Maintaining Highway City

6. Protection now established:

Automatic Flashing Light Crossing Signals with Bell and Crossbucks

7. Protection desired:

Modify grade crossing warning devices to Flashing Light Crossing Signals with Gates
controlled by constant warning time detection devices.

8. Number of main tracks One Other tracks One

9. Number of passenger movements:

6 a.m. to 6 p.m. None 6 p.m. to 6 a.m. None

10. Number of freight train movements:

6 a.m. to 6 p.m. 7 6 p.m. to 6 a.m. 11

11. Approximate number of switch movements:

6 a.m. to 6 p.m. 1 6 p.m. to 6 a.m. 1

12. Maximum speed of trains at crossing on each track in each direction:

North/East 50 M.P.H.

South/West 50 M.P.H.

13. Passenger platforms served by tracks within the limits of track circuits, if any None

14. Where automatic signals or gates are proposed, approximate number of train or engine movements daily which would cause false indications or operation:

None

15. Nature and approximate amount of street or highway traffic over crossing:

1,550 AADT including cars and trucks

16. In addition to the information listed hereinbefore in Form 3, attach a track plan or plat of the proposed crossing. This plan should show:

- (a) Width and surface of highway.
- (b) Highway intersections (including private driveways to be so indicated) and location of established highway signs or signals within 100 feet of crossing.
- (c) Location of tracks, switches and other railroad facilities such as block signals, etc. within limits of track circuits, present and/or proposed.
- (d) Where automatic protection is proposed, show proposed location of signals (side lights, cantilevers, etc., if any).
- (e) Show the length of each operating track section within the control limits of the crossing protection and its function.

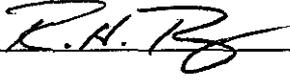
ADDITIONAL INFORMATION

Drawing attached for question no. 16

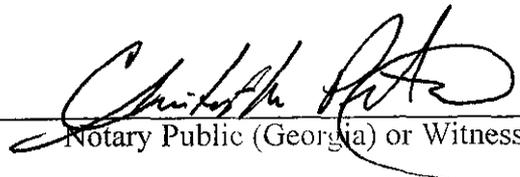
(File Original and Two Duplicates)

VERIFICATION

I, R. H. Ray, first being duly sworn upon oath depose and say that I am
Administrator – Highway Grade Crossings, of Norfolk Southern Railway Company, a
Virginia corporation; that I have read the above and foregoing petition by me subscribed and know the
contents thereof; that said contents are true in substance and in fact, except as to those matters stated upon
information and belief, and as to those, I believe same to be true.


Administrator - Highway Grade Crossings

Subscribed and sworn to before me this 30
day of August 20 02.


Notary Public (Georgia) or Witness

My Commission Expires: _____

Detailed Estimate for Grade Crossing Warning Devices

City/State: JACKSONVILLE, IL	Road: EAST ST.
MilePost: DH-447.73	DOT/AAR: 479405D
State Proj. No.:	County: MORGAN
S&E Proj. No.: 04.0501	AFE:
Man Days: 96	File Number: 061-04.314

*****Purchases - Other*****

Meals and Lodging:	\$7,650.00	
Rental of Equipment:	\$16,730.00	
(2 Trucks, 1 Backhoe w/ Trailer and 1 Pipe-Pusher for 24 Days)		
Construction Supervision Vehicle:	\$310.00	
Contingencies:	\$600.00	
Purchases - Other Total:		\$25,290.00

***** Material and Additives*****

Material Cost:	\$86,780.00	
Sales and Use Tax:	\$4,340.00	
Material Handling _Freight:	\$8,240.00	
Material Total:		\$99,360.00

*****Labor and Additives*****

Labor Cost:	\$19,680.00	
(4 man crew at \$820.00 a day for: 24 days)		
Payroll Tax & Overheads:	\$17,040.00	
Preliminary Engineering:	\$9,370.00	
Construction Supervision:	\$5,560.00	
Labor Total:		\$51,650.00
Subtotal:		\$176,300.00
Credit:		\$0.00
(Salvage/Scrap)		
Project Total:		\$176,300.00

Estimated on: 14-Aug-02

Estimated by: ndr3j

Estimate valid for 1 year from date of estimate

Highway Crossing Signalization Program - Material List

Do not substitute items without permission from S & E Engineering

City:	JACKSONVILLE
Road:	EAST ST.
Milepost:	DH-447.73
Drawing Number:	SFDH44773
State Project Number:	
County:	MORGAN
A A R Number:	479405D
Project Number:	04.0501
File Number:	061-04.314
A F E Number:	
Store Number:	
Supervisor:	D. J. HOLLINGSEAD
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	

14-Aug-02

Location: JACKSONVILLE IL S&E Proj. No.: 04.0501

AFE No.:

Drawing No.: SFDH44773

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Store No.: P.O. Number:

Date Required:

Date Shipped:

Vendor: Safetran Systems Corp.

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed			Quantity Returned (Credit)	Special Instructions
							Date	Quan.	Date		
3	670-360693-4	EA	\$4.82	\$14.46	AAR/DOT NUMBER PLATE/DECAL, ORDER 3 PER PROJECT. 60 DAY LEAD TIME. SUPPLIED BY STRAN						
2	670-001321-4	EA	\$246.66	\$493.32	ARM, GATE FIBERGLASS-ALUMINUM 17-24 FT., L&W OR US&S OR SAFETRAN 076600-240017 OR						
28	670-119241-4	EA	\$30.60	\$856.80	ARRESTOR, LIGHTNING HEAVY DUTY CLEAR VIEW SAFETRAN 022585-1X						
13	105-871901-4	EA	\$154.22	\$2,004.81	BATTERY, GNB 265AH MODEL 50A111 SINGLE CELL 2.25 VOLTS						
1	670-503047-4	EA	\$185.75	\$185.75	BELL, CROSSING ELECTRONIC GENERAL SIGNAL, EB-3-360-5 CR 02-044350						
12	670-056281-4	EA	\$11.25	\$134.97	BLOCK, UNIVERSAL TERMINAL OF 12 SINGLE POST SAFETRAN 023390-11X, W-C 2508-112E W-NUTS & WASHERS CR 02-048757						
50	670-066872-4	LF	\$0.74	\$36.84	BONDSTRAND, 3/16 IN WIRE 4/64 IN PVC INSULATION OUTER WIRES TINNED ONLY, ALSO USED TO MAKE 4 AND 6 HOLD LONG BONDS.						
1	670-067589-4	EA	\$585.24	\$585.24	BOX, SAFETRAN 446 W/TERMINALS ALUMINUM POLE 60-WAY SAFETRAN NO. @092446-200X						
2	670-561375-4	EA	\$1,201.20	\$2,402.40	BRACKET, GATE SAVER, NEG385102GS, SPRING LOADED SWING AWAY ADAPTER FOR FIBERGLASS/ALUMINUM GATES, USE WITH GATE 28' AND LESS						
2	670-000977-4	EA	\$57.98	\$115.95	BRACKET, HIGH WIND SUPPORT HARMON @54-00139, SERRMI @50044 SAFETRAN 076203-518X						
600	465-292862-4	LF	\$1.00	\$601.74	CABLE, U-2-6 TWISTED, S-23 OKONITE 113-12-3933 SOLID TINNED CONDUCTOR						
300	465-292929-4	LF	\$3.00	\$899.58	CABLE, U.G. 5 COND. NO. 6 AWG SOLID COPPER CABLE TO MEET NS CORP. SPEC. FOR SIGNAL						
300	465-939422-4	LF	\$2.56	\$767.55	CABLE, UG 12 CONDUCTOR NO 14 AWG SOLID EACH CONDUCTOR WITH 5/64 IN INSULATION 10 MIL						
3300	465-292614-4	LF	\$1.28	\$4,221.69	CABLE, UG 18 PAIR NO. 19 JELLY FILLED, USED FOR CODE CABLE AT AREAS ELECTRONIC CODING EQUIP.						

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER

Store No.: P.O. Number: Date Required: Date Shipped: Vendor: Safetran Systems Corp.

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped			Quantity Installed			Quantity Returned (Credit)	Special Instructions	
						Qty	Date	Quan.	Qty	Date	Quan.			
3300	465-942483-4	LF	\$3.30	\$10,874.49	CABLE, UG 19 CONDUCTOR NO 14 AWG SOLID EACH CONDUCTOR WITH 5/64 IN INSULATION 10 MILL									
1100	465-277674-4	FT	\$2.80	\$3,084.51	CABLE, UG 3CD NUMBER 6 FOR HIGH CURRENT AC POWER OKONITE 206-11-6 243									
200	465-954727-4	LF	\$1.59	\$317.26	CABLE, UG 7 CONDUCTOR NO 14 AWG SOLID EACH CONDUCTOR WITH 5/64 IN INSULATION 10 MILL FLAT									
3	165-296841-4	EA	\$11.60	\$34.79	CONDUIT, 1-1/2 IN. X 5 FT. GALV. STEEL W/COUPLING, THREADED & REAMED BOTH ENDS (UNIT OF ISSUE									
120	165-544477-4	FT	\$2.00	\$239.47	CONDUIT, 4"x10" PVC, SCHEDULE 80 BELL CONNECTOR AT ONE END, 1/2 PT. GLUE IN KIT 670-123298-4									
3	165-299316-4	EA	\$16.89	\$50.66	CONDUIT, PVC CASE OUTLET 4 IN. X 29-1/2 IN. SCHEDULE-80 WITH 4 IN. COUPLING, CARLON E940N,									
20	670-918555-4	EA	\$3.39	\$67.75	CONNECTOR, WEB TRACK 1IN X 4IN LONG, FOR SHUNT CONN TO RAIL, INCLUDES WELD METAL & MOLDS (ERICO #S8TBU4A)									
4	670-090450-4	EA	\$49.62	\$198.50	CONNECTOR, WELDED FAR RAIL HARMON A1000-2W									
4	670-486646-4	EA	\$40.66	\$162.64	CONNECTOR, WELDED NEAR RAIL HARMON A1000-1W									
2	670-793404-4	EA	\$838.38	\$1,676.76	COUNTERWEIGHT PKAGE, 17-24 GATE STRAN S- MECH ONLY, STAINLESS, TO INCLUDE HUB, SUPPORT ARMS									
5	670-760012-4	EA	\$34.90	\$174.49	COVER, FOR 1 WAY FLASHING LIGHT ASSY, 18 OZ. BLACK VINYL COATED NYLON. ====TO COVER 2 LAMPS====									
3	670-080337-4	EA	\$0.73	\$2.18	DECAL, XING SIGNAL MALFUNCTION 11" X 4", GATE MOUNT									
3	670-077544-4	EA	\$0.54	\$1.63	DECAL, XING SIGNAL MALFUNCTION 6" X 6", MAST MOUNT									
1	670-986650-4	EA	\$361.26	\$361.26	DISPOSAL, CONSTRUCTION DEBRIS AND CLEANING XING EQUIPMENT CONTAINER									

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped			Quantity Installed			Quantity Returned (Credit)	Special Instructions	
						Shipped	Date	Quan.	Date	Quan.	Date			Quan.
1	670-000004-4	EA	\$281.44	\$281.44	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	\$381.69	\$763.37	FOUNDATION,DIXIE,S-2 GATE 5'6" ASSEMBLED									
1	670-923649-4	EA	\$39.86	\$39.86	INDUCTOR, SIMULATED TRACK SAFETRAN 8V617-0800									
1	670-477991-4	EA	\$292.81	\$292.81	KIT, GROUNDING ASSY FOR AL I/S INCLUDES 8 GRD RDS,200#4WIRE,12 4 WIRE ONE-SHOTS. ERICO SBK206									
2	670-123298-4	EA	\$225.10	\$450.19	KIT, HARDWARE SUPPLIES REQUIRED X'ING PKGAGES, WEB CONNECTORS FOR SHUNT(8EA) TAPE, AMPS,P/GUM PAINT SLEEVES,TAGS,GLUE, 100 EA WHITE TAGS, JNE CAN BLUE MARKING PAINT ETC...									
1	670-745798-4	EA	\$490.26	\$490.26	LAMP ASSY, 4" GRD. MAST MTG. 1W IND. 20" BKGRD, FLX-12 W/BULB STRAN #042003-484XNS									
2	670-764166-4	EA	\$907.09	\$1,814.18	LAMP ASSY, 5" MAST MTG. 2W IND. 20" BKGRD, FLX-12 W/BULB STRAN #042003-487XNS									
6	165-643547-4	EA	\$8.43	\$50.60	LAMP, 18 WATT 10 VOLT S-11 SC BAY 18S11/1SC CLEAR RMY SIGNAL UL-71463 GE									
70	670-440826-4	EA	\$1.01	\$70.92	LINK, SAFETRAN 024620-1X INSL TESTING COMP 1 IN CENTER SIGNAL CIRCUITS CR 02-286662									
4	255-590880-4	EA	\$15.62	\$62.47	LOCK, AMERICAN LOCK MODEL H-10KA KEYED ALIKE TO PRIVATE KEYWAY D456 AND STAMPED "NS SIG"									
1	610-165863-4	EA	\$1,103.32	\$1,103.32	MAST, 5" ALUMINUM (0845) RIGHT FOR LIGHT UNIT & BRACKET @ 45 DEG. RIGHT W/DBL JCT. BOX BASE #070519-43AX-2									
1	670-637778-4	EA	\$1,055.55	\$1,055.55	MAST, 5" ALUMINUM 13'10" WITH DOUBLE JCT. BOX BASE. STRAN P# 070519-11AX.									
1	670-000985-4	EA	\$182.36	\$182.36	MAST, SIDELIGHT BRACKET F/5"MT. HARMON @225834-XXX, SAFETRAN 041442-26X.									

Store No.: P.O. Number: Date Required: Date Shipped: Vendor: Safetran Systems Corp.

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed	Quantity Returned (Credit)	Special Instructions
2	670-521147-4	EA	\$2,932.81	\$5,865.62	MECHANISM, GATE MODEL S40, WITH CONTACT HEATER, COMPLETE W/RELAY STRAN # 074000-W00090				
1	670-839472-4	EA	\$2,901.80	\$2,901.80	MONITOR, HWY XING, (DEMAN-NS-5M) W/ DUAL SENSOR & RITRON RADIO, FREQ. COMBO #5, CH 1 = 160.440MHZ, CH 2 = 161.260MHZ. INCLUDES WIRING AND INSTALLATION				
4	670-001347-4	EA	\$57.98	\$231.90	PACKAGE, HARDWARE SIGN 5 IN. MOUNTING, SERRMI A1250-5, HARMON @200965-000, OR				
1	255-646807-4	EA	\$9.49	\$9.49	PADLOCK, SAFETRAN PART NO. 030399-29X SCREW TYPE FOR CIR CONTROLLER AND BTY. BOX				
4	610-719870-4	EA	\$135.90	\$543.60	PEDESTAL ASSEMBLY, ARMORCAST P/N P6001205-NS, YELLOW 10"X11"X29" POLYETHYLENE INCL 45" WITH TERMINAL BLOCK				
1	670-514605-4	EA	\$8.43	\$8.43	PINNACLE, W/C SECT 1-11, 4" & 5" REF K1 110-8 OR SAFETRAN NO. @035045-503X				
1	670-555609-4	EA	\$41.11	\$41.11	PLUGBOARD, TYPE B-1 GRS A62-506 OR HARMON @7062-506 OR				
1	135-450500-4	EA	\$40.06	\$40.06	POST, CONCRETE 4-1/4 X 4-1/4 X 8 FT, 2 HOLES DIXIE PRECAST				
1	670-166632-4	EA	\$140.72	\$140.72	PROTECTOR, SURGE 3-WIRE PLUS GRD 120/240 JOSLYN ELECTRONICS 1259-21-A FOR I/S AC BREAKER PANEL				
6	465-002899-4	EA	\$20.88	\$125.26	REEL, CABLE DISPOSABLE FOR CROSSING SIGNAL PACKAGES				
1	670-707995-4	EA	\$356.29	\$356.29	RELAY, TYPE B1, NEV LINE, 900 OHMS, .008 AMPERES GRS A62-308 OR SAFETRAN @400003				
1	670-786834-4	EA	\$6,706.00	\$6,706.00	SHELTER, BARE 6X6 ALUMINUM W/FARADAY, SAFETRAN P/N 058400-66-78, W/ADJ. PIERS 4 GND LUGS W/48" #4 SOLID COPPER PIGTAIL, 2 SHELVES, 3 TAG BOARDS/SHELF, AND ONE 3' FARADAY SHIELD				
4	670-793474-4	EA	\$14.40	\$57.60	SHIELD, GROUND (SERRMI# 61223) FOR GROUNDING 12-WAY TERMINAL BLOCK				

Store No.: P.O. Number: Date Required: Date Shipped: Vendor: Safetran Systems Corp.

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed	Quantity Returned (Credit)	Special Instructions
2	670-586967-4	EA	\$34.74	\$69.49	SHUNT COVER W/LAG SCREWS, 19"X19", SERRMI #40271, ORDER 1 PER SHUNT				
4	670-792699-4	EA	\$35.84	\$143.36	SHUNT, HARDWARE SERRMI A1000-5				
2	670-645460-4	EA	\$526.00	\$1,051.99	SHUNT, MULTIFREQ. #62775-8621 SAFETRAN NARROW BAND				
2	670-806648-4	EA	\$56.42	\$112.84	SIGN, X-BUCK, LESS HARDWARE, SAFETRAN 035200-X CR 02-490546				
2	670-353390-4	EA	\$43.04	\$86.09	SIGN, "2 TRACKS" LESS HARDWARE SAFETRAN 035207-2X				
2	670-006438-4	EA	\$10.54	\$21.08	TAPE, 4" X 96" REFLECTIVE APPLY TO BACK OF X-BUCK SIGN, ONLY IN IA., IN., IL., AL. 035200-555X				
4	670-330382-4	RL	\$10.75	\$42.98	TAPE, THOR 3" DURATEC, ORANGE 1000' LENGTHS. "WARNING STOP DIGGING"				
1	165-917984-4	EA	\$4.22	\$4.22	TERMINAL, TEST, TYPE B GRS A62-515 OR HARMON @3218-001 OR				
1	610-065626-4	EA	\$16.66	\$16.67	ULTRA-TECH 15206-01 CONNECTIVITY BLOCK FOR GRS B1 RELAY				
4	670-007238-4	EA	\$137.14	\$548.54	UNIT, THE INSTALLATION AND WIRING OF A DEVICE WHICH REQUIRE A MINIMUM OF FOUR WIRE CONNECT-				
1	670-405488-4	EA	\$29,396.00	\$29,396.00	WIRED RACK, 6X6 FARADAY, COMPLETE/GCP3000D2 DOUBLE TRK, 20 AMP SSCIII, 4 ISL MOD, 1 SAFETRAN CHARGER, 1 CRAGG CHARGER 2 RELAY RACKS, SAFETRAN P/N T15384, USE WITH I/S 670-786834-4				
1	450-986008-4	EA	\$7.35	\$7.35	WRENCH, TEST POST TYPE B DWG 55393-3, GR.1				

Total Material \$86,776.68

APPROVED BY STATE APPROVED BY RAILROAD CAR NUMBER SEAL NUMBER