

COPY

Form 3

**STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION**

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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-12806
708-0062

Illinois Commerce Commission
RAIL SAFETY SECTION
Date: September 24, 2008

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: Cantrell Rd. in Illiopolis, Illinois, DOT: 479276R, MP. DH-393.05

File No.: CX0002738

Project No.: 04.193

- (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)

DOCKETED

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 479276R
3. Village or City Illioopolis
4. Name of Street or Highway Cantrell Rd.
5. Public Agency Maintaining Highway City
6. Protection now established:
Crossbucks only
7. Protection desired:
Modify grade crossing warning devices to include flashing lights with gates and bell controlled by constant warning time detection equipment.
8. Number of main tracks One Other tracks None
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. Nine 6 p.m. to 6 a.m. Thirteen
11. Approximate number of switch movements:
6 a.m. to 6 p.m. One 6 p.m. to 6 a.m. One
12. Maximum speed of trains at crossing on each track in each direction:
North/East 60 mph Main
South/West 60 mph Main
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:

50 AADT

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

Drawings 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 24 th.
day of September, 20 08.

Notary Public (Georgia) or Witness

My Commission Expires: _____



Detailed Estimate for Grade Crossing Warning Devices

City/State: ILLIOPOLIS, IL
MilePost: DH-393.05
State Proj. No.: SA-1324
S&E Proj. No.: 04.0193
Man Days: 116

Road: CANTRELL RD.
DOT/AAR: 479276R
County: SANGAMON
AFE: F10963
File Number:

Purchases - Others	
Meals and Lodging:	\$14,866.56
Rental of Equipment:	\$26,326.20
(2 Trucks, 1 Backhoe w/ Trailer and 1 Pipe-Pusher for 29 Days)	
Construction Supervision Vehicle:	\$9,189.39
Purchases - Other Total:	\$50,382.15
Material And Additives	
Material Cost:	\$70,420.00
Sales and Use Tax:	\$3,521.00
Material Handling Freight:	\$3,520.99
Material Total:	\$77,461.99
Labor And Additives	
Labor Cost:	\$30,972.00
(4 man crew at \$1,068.00 a day for: 29 days)	
Payroll Tax & Overheads:	\$41,143.20
Preliminary Engineering:	\$8,922.48
Construction Supervision:	\$17,350.51
Labor Total:	\$98,388.19
Project Cost:	\$226,232.33
Scrap / Salvage Credit:	\$0.00
Project Total:	\$226,232.33

Estimated on: 24-Sep-08

Estimated by: nbije

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:	ILLIOPOLIS
Road:	CANTRELL RD.
Mile Post:	DH-393.05
Drawing Number:	SFDH39305
State ProjectNumber:	SA-1324
County:	SANGAMON
A A R Number:	479276R
Project Number:	04.0193
File Number:	
New File Number:	CX0002738
A F E Number:	F10963
Store Number:	
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: ILLIOPOLIS

IL

S&E Proj. No.: 04.0193

AFE No.: F10963

Drawing No.: SFDH39305

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 Installed			Quantity Returned (Credit)	Special Instructions
						Quantity Shipped	Date	Date		
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					
13	105-871901-4	EA	\$189.89	\$2,468.57	BATTERY,GNB 265AH MODEL 50A11 SINGLE CELL 2.25 VOLTS					
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	670-356949-4	EA	\$63.77	\$63.77	CABLE, 10' GENERATOR HOOK UP, SERRMI P/N 40524. FEMALE CONNECTOR					
2	465-292721-4	LF	\$2.24	\$4.48	CABLE, 7 COMPOSITE (2-9 & 5-14) S-131 OKONITE 206-14-8984					
300	465-292862-4	LF	\$1.29	\$387.00	CABLE, U-2-6 TWISTED, S-23 OKONITE 113-12-3933 SOLID TINNED CONDUCTOR					
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					
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					
6	670-760012-4	EA	\$40.02	\$240.12	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					

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER

Location: ILLIOPOLIS

IL

S&E Proj. No.: 04.0193

AFE No.: F10963

Drawing No.: SFDH39305

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 Installed			Quantity Returned (Credit)	Special Instructions
						Quantity Shipped	Date	Date		
1	670-000004-4	EA	\$700.00	\$700.00	FCC LICENSE FOR MONITOR/RADIO					
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					
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, SAFETAN T18807					
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...					
1	670-748541-4	EA	\$830.30	\$830.30	LAMP ASSY, 4" GRD. MAST MTG. 2W IND. 20" BKGRD, FLX-12 W/BULB S'TRAN #042003-485XNS					
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					
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"					
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.					
1	670-000985-4	EA	\$207.42	\$207.42	MAST, SIDELIGHT BRACKET F/5"MT. HARMON @225834-XXX, SAFETAN 041442-26X.					
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	670-000001-4	EA	\$726.23	\$726.23	MISC. MATERAIL/FILL					
4	670-001347-4	EA	\$63.93	\$255.72	PACKAGE, HARDWARE SIGN 5 IN. MOUNTING, SERRMI A1250-5, HARMON @200965-000, OR					

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Location: ILLIOPOLIS

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S&E Proj. No.: 04.0193

AFE No.: F10963

Drawing No.: SFDH39305

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 Installed			Quantity Returned (Credit)	Special Instructions
						Quantity Shipped	Date	Date		
1	255-646807-4	EA	\$21.92	\$21.92	PADLOCK, SAFETLAN PART NO. 030399-29X SCREW TYPE FOR CIR CONTROLLER AND BTY. BOX					
1	670-514605-4	EA	\$8.54	\$8.54	PINNACLE, W-C SECT 1-11, 4"& 5" REF K1 110-8 OR SAFETLAN NO. @035045-503X					
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					
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, SAFETLAN 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	670-645460-4	EA	\$600.52	\$1,201.04	SHUNT, MULTI-FREQ. #62775-8621 SAFETLAN NARROW BAND					
2	670-393331-4	EA	\$37.43	\$74.86	SIGN CROSSING MALFUNCTION ASSEMBLY FOR 4" AND 5" MAST, SAFETLAN #T17215					
2	670-806648-4	EA	\$56.96	\$113.92	SIGN, X-BUCK, LESS HARDWARE, SAFETLAN 035200-X CR 02-490546					
2	670-751511-4	EA	\$36.12	\$72.24	SIGN, "1" TRACK, LESS HARDWARE SAFETLAN# 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"					

Total Material: \$70,419.84

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