

ORIGINAL

Form 3

STATE OF ILLINOIS

RECEIVED

ILLINOIS COMMERCE COMMISSION

JUL 31 2006

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-12475
T06-0029

Illinois Commerce Commission
RAIL SAFETY SECTION

Date: July 27, 2006

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 an 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 protection 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:

Modify Crossing Control Shelter and Train Detection Equipment

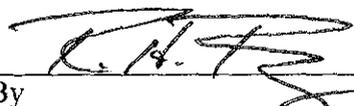
at: Miller Street, in Springfield, Sangamon County, Illinois, MP. DH-413.77,
DOT: 479-323W

File No. 061-04.0385 Project No. 04.0567

- (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 a hearing, and that the Commission enter an order or adopt at resolution consenting to and granting authority for the making of the said proposed changes in or additions to the crossing protection.

Norfolk Southern Railway Company

By 
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

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 323W

3. Village or City: Springfield

4. Name of Street or Highway: ~~Jefferson~~ MILLER

5. Public Agency Maintaining Highway: City

6. Protection now established:

Railroad Crossing Flashing Light Signals and Gates on single track.

7. Protection desired:

Automatic Flashing Light Warning Devices with Gates and Bells. Train Detection Equipment
controlled by Constant Warning Time Circuitry on Single Track.

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. Six 6 p.m. to 6 a.m. Two

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

North/East 40 M.P.H. Single Main Track

South/West 40 M.P.H. Single Main Track

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:

10600 A.A.D.T.

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)

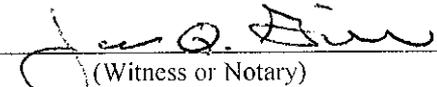
VERIFICATION

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 27 th.
day of July, 20 06.



(Witness or Notary)

Notary Public - Georgia

My Commission Expires: _____



27-Jul-06

Detailed Estimate for Grade Crossing Warning Devices

City/State: SPRINGFIELD, IL
MilePost: DH-413.77
State Proj. No.:
S&E Proj. No.: 04.0567
Man Days: 104

RECEIVED

JUL 31 2006

**Illinois Commerce Commission
RAIL SAFETY SECTION**

Road: MILLER ST.
DOT/AAR: 479323W
County: SANGAMON
AFE: F03312
File Number: 061-04.0385

Purchases - Others	
Meals and Lodging:	\$9,785.32
Rental of Equipment:	\$21,392.80
(2 Trucks, 1 Backhoe w/ Trailer and 1 Pipe-Pusher for 26 Days)	
Construction Supervision Vehicle:	\$1,711.42
Purchases - Other Total:	\$32,889.54
Material And Additives	
Material Cost:	\$116,736.00
Sales and Use Tax:	\$5,837.00
Material Handling Freight:	\$5,836.79
Material Total:	\$128,409.79
Labor And Additives	
Labor Cost:	\$25,168.00
(4 man crew at \$968.00 a day for: 26 days)	
Payroll Tax & Overheads:	\$24,828.23
Preliminary Engineering:	\$12,487.53
Construction Supervision:	\$7,104.93
Labor Total:	\$69,588.69
Project Cost:	\$230,888.02
Scrap / Salvage Credit:	\$0.00
Project Total:	\$230,888.02

Estimated on: 27-Jul-06

Estimated by: ndney

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:	SPRINGFIELD
Road:	MILLER ST.
Mile Post:	DH-413.77
Drawing Number:	SFDH41377
State Project Number:	
County:	SANGAMON
A A R Number:	479323W
Project Number:	04.0567
File Number:	061-04.0385
A F E Number:	F03312
Store Number:	07634
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	

Location: SPRINGFIELD

Store No.: 07634

IL

S&E Proj. No.: 04.0567

A/E No.: F03312

Drawing No.: SFDH41377

P.O. Number:

Date Required:

Date Shipped:

Vendor: SW Signal Engineering Company

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed Date Quan.	Quantity Returned (Credit)	Special Instructions
3	670-360693-4	EA	\$5.04	\$15.12	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				
1	670-010827-4	EA	\$258.82	\$258.82	AND GATE, SAFETRAN A90975				
1	670-244485-4	EA	\$1,087.89	\$1,087.89	ANTENNA KIT FOR SEAR, 3DB ANTENNA, MOUNTED ON EXISTING 40' MCP TOWER SAFETRAN P/N 0K04-80276-XSOS				
16	670-119241-4	EA	\$32.80	\$524.80	ARRESTOR, LIGHTNING HEAVY DUTY CLEAR VIEW SAFETRAN 022585-1X				
2	670-003301-4	EA	\$266.99	\$533.98	BARRICADE, ARMCO STEEL 10033-17 METAL T2 IN CIRCULAR				
13	105-871901-4	EA	\$161.57	\$2,100.41	BATTERY, GNB 265AH MODEL 50A11 SINGLE CELL 2.25 VOLTS				
7	670-005125-4	EA	\$2.54	\$17.78	BLOCK, TERMINAL BAKELITE FOR MOUNTING LIGHTING				
2	670-980689-4	EA	\$71.71	\$143.42	ARRESTOR EQUALIZER OR RESISTANCE UNIT				
2	670-561375-4	EA	\$1,197.90	\$2,395.80	BRACKET HIGH WIND. (RIGID 3'), WIG- 191036, WALRUS TUSK TYPE				
1	670-015827-4	EA	\$37.07	\$37.07	BRACKET, GATE SAVER, NEG385102GS, SPRING LOADED SWING AWAY ADAPTER FOR FIBERGLASS/ALUMINUM GATES, USE WITH GATE 28' AND LESS				
1	670-491449-4	EA	\$29.39	\$29.39	BRACKET, RELAY FOR WALL MTG. FOUR ST1 OR B1 RELAYS SAFETRAN# 420000-53X				
1	670-356949-4	EA	\$97.00	\$97.00	BUSS STRIP 36" COPPER, ERCO P/N B2700HC36				
600	465-292862-4	LF	\$1.04	\$624.00	CABLE, 10' GENERATOR HOOK UP, SERRMI P/N 40524, FEMALE CONNECTOR				
400	465-292929-4	LF	\$3.05	\$1,220.00	CABLE, U-2-6 TWISTED, S-23 OKONITE 113-12-3933 SOLID TINNED CONDUCTOR				
400	465-939422-4	LF	\$2.55	\$1,020.00	CABLE, U.G. 5 COND. NO. 6 AWG SOLID COPPER CABLE TO MEET NS CORP. SPEC. FOR SIGNAL				
600	465-942483-4	LF	\$2.36	\$1,888.00	CABLE, UG 12 CONDUCTOR NO 14 AWG SOLID EACH CONDUCTOR WITH 5/64 IN INSULATION 10 MIL				

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER

Thursday, July 27, 2006 11:29 AM

Location: SPRINGFIELD

Store No.: 07634

IL

S&E Proj. No.: 04.0567

AFE No.: F03312

Drawing No.: SFDH41377

P.O. Number:

Date Required:

Date Shipped:

Vendor: SW Signal Engineering Company

Qty	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed Date	Quantity Returned (Credit)	Special Instructions
300	465-791835-4	FT	\$2.22	\$666.00	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				
2	670-128745-4	EA	\$180.02	\$360.04	CHOKE, BATTERY SAFETRAN NO 8A065A FOR GRADE CROSSING PREDICTOR				
120	165-544477-4	FT	\$2.55	\$306.00	CONDUIT, 4"x10" PVC, SCHEDULE 80 BELL CONNECTOR AT ONE END, 1/2 PT. GLUE IN KIT 670-123298-4				
30	670-100000-4	EA	\$2.00	\$60.00	CONDUIT, PRE-EMPTION - STATE OF ILLINOIS, 4" x 10' PVC				
4	670-090450-4	EA	\$50.38	\$201.52	CONNECTOR, WELDED FAR RAIL HARMON A1000-2W				
4	670-486646-4	EA	\$41.62	\$166.48	CONNECTOR, WELDED NEAR RAIL HARMON A1000-1W				
2	670-012071-4	EA	\$592.90	\$1,185.80	CONVERTER, SINGLE UNIT DC EPC @3TC, 1 OUTPUT FOR ANY REASONABLE LENGTH TRACK CIRCUIT				
2	670-794453-4	EA	\$854.03	\$1,708.06	COUNTERWEIGHT PKAGE, 25-31' GATE STAN S- MECH ONLY, STAINLESS TO INCLUDE HUB, SUPPORT ARMS				
8	670-760012-4	EA	\$40.02	\$320.16	COVER, FOR 1 WAY FLASHING LIGHT ASSY, 18 OZ. BLACK VINYL COATED NYLON. ===TO COVER 2 LAMPS===				
1	670-986650-4	EA	\$375.69	\$375.69	DISPOSAL, CONSTRUCTION DEBRIS AND CLEANING X'ING EQUIPMENT CONTAINER				
2	670-228165-4	EA	\$10.73	\$21.46	EQUALIZER, SAFETRAN 022700-1X LESS BASE, MODERN NO.				
1	670-000004-4	EA	\$700.00	\$700.00	700-1 SHUNT ARRESTER TRACK CIRCUITS CR 02-197950				
6	670-000003-4	EA	\$255.85	\$1,535.10	FCC LICENSE FOR MONITOR/RADIO				
2	670-015231-4	EA	\$423.50	\$847.00	FILL/STONE #57, QUANTITY IS BASED ON TRUCK LOAD PLUS DELIVERY COST				
2	670-263738-4	EA	\$331.87	\$663.74	FOUNDATION, DIXIE, S-2 GATE 56" ASSEMBLED				
1	670-477991-4	EA	\$317.90	\$317.90	GATE, ARM FIBERGLASS-ALUMINUM 25-31 FT. INCLUDES GATE GUARD FOR GATE LIGHT CABLE, 076600-320017, NEG P/N 8002-4NFS/CG				
1	670-477991-4	EA	\$317.90	\$317.90	KIT, GROUNDING ASSY FOR AL I/S INCLUDES 8 GRD RDS, 200#4 WIRE, 12 4 WIRE ONE-SHOTS, ERICO SBK206				

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER

Thursday, July 27, 2006 11:29 AM

Location: SPRINGFIELD
 Store No.: 07634
 IL S&E Proj. No.: 04.0567 AFE No.: F03312 Drawing No.: SFDH41377
 P.O. Number: Date Required: Date Shipped: Vendor: SW Signal Engineering Company

Qty	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed Date	Quantity Returned (Credit)	Special Instructions
1	670-123298-4	EA	\$256.93	\$256.93	KIT, HARDWARE SUPPLIES REQUIRED XING PKGAGES. WEB CONNECTORS FOR SHUNT(8EA) TAPE, AMPS, P/GUM PAINT, SLEEVES, TAGS, GLUE, 100 EA WHITE TAGS, JME CAN BLUE MARKING PAINT ETC...				
2	670-764166-4	EA	\$907.65	\$1,815.30	LAMP ASSY, 5" MAST MTG. 2W IND. 20" BKGRD, FLX-12 W/BULB S'TRAN #042003-487XNS				
2	670-797748-4	EA	\$955.86	\$1,911.72	LAMP ASSY, 5" MAST MTG. 2W IND. SPECIAL TO SPAN GATE IN UP POS. #042003-000631 USE WIMAST 0890 R 670-011651-4				
6	165-643547-4	EA	\$4.30	\$25.80	LAMP, 18 WATT 10 VOLT S-11 SC BAY 18S11/1SC CLEAR RWY SIGNAL UJ-71463 GE				
23	670-440826-4	EA	\$1.01	\$23.23	LINK, SAFETRAN 024620-1X INSL TESTING COMP 1 IN CENTER SIGNAL CIRCUITS CR 02-286662				
5	255-590880-4	EA	\$16.12	\$80.60	LOCK, AMERICAN LOCK MODEL H-10KA KEYS ALIKE TO PRIVATE KEYWAY D456 AND STAMPED "NS SIG"				
2	610-150566-4	EA	\$1,287.36	\$2,574.72	MAST, 5" ALUMINUM (0&90) RIGHT FOR LIGHT UNITS RIGHT OR LEFT W/DBL. JCT. BOX BASE SAFETRAN #070519-47X				
1	670-786080-4	EA	\$3,750.00	\$3,750.00	MCP, ASSY MCS 2000 MCM CABLE SAFETRAN 9011-53411-0103 W/DC TO DC CONVERTER FOR SSC CODE SYSTEM (SAFETRAN IO) INCLUDES 1 EA A53412-03 30 WATT RADIO W/4' ANTENNA CABLE; 1 EA A26558-01 3' MCM CABLE; 1 EA A53105-00 MCM MODULE; 1 EA A53106-00 DC TO DC CONVER				
2	670-521147-4	EA	\$2,932.81	\$5,865.62	MECHANISM, GATE MODEL S40, WITH CONTACT HEATER, COMPLETE W/RELAY S'TRAN # 074000-W00090				
2	000-000000-4	EA	\$5,000.00	\$10,000.00	MIS. UNDERGROUND BORING				
10	670-000001-4	EA	\$316.23	\$3,162.30	MISC. MATERIAL RADIO TOWER (collector)				
4	670-014233-4	EA	\$981.85	\$3,927.40	MODULE, DAX FOR 3000 GCP SAFETRAN #80016				
4	670-001347-4	EA	\$63.27	\$253.08	PACKAGE, HARDWARE SIGN 5 IN. MOUNTING, SERRMI A1250-5, HARMON @200965-000, OR				
1	255-646807-4	EA	\$10.38	\$10.38	PADLOCK, SAFETRAN PART NO. 030399-29X SCREW TYPE FOR CIR CONTROLLER AND BTY. BOX				

APPROVED BY STATE _____ APPROVED BY RAILROAD _____ CAR NUMBER _____ SEAL NUMBER _____

Location: SPRINGFIELD IL S&E Proj. No.: 04.0567 AFE No.: F03312 Drawing No.: SFDH41377
 Store No.: 07634 P.O.Number: Date Required: Date Shipped: Vendor: SW Signal Engineering Company

Qty	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed Date	Quantity Returned (Credit)	Special Instructions
1	670-514605-4	EA	\$8.45	\$8.45	PINNACLE, W-C SECT 1-11, 4" & 5" REF K1 110-8 OR SAFETRAN NO @035045-503X				
7	670-555609-4	EA	\$45.12	\$315.84	PLUGBOARD, TYPE B-1 GRS A62-506 OR HARMON @7062-506 OR				
12	670-000026-4	EA	\$22.50	\$270.00	POST, BARRICADE METAL 5.9" WITH NUTS & BOLTS, ARMCO				
1	670-535383-4	EA	\$11,754.00	\$11,754.00	PREDICTOR, DUAL FREQ.GRADE CROSSING 3000D2 1 TRACK, SAFETRAN #80110-101-0 DUAL UNIT, NO ISLAND				
2	165-103293-4	EA	\$62.43	\$124.86	PROTECTOR LIGHTNING & SURGE LPC 10560-51, 3 ELECTRODE WITH SPADE TERMINAL				
2	165-103293-4	EA	\$62.43	\$124.86	PROTECTOR LIGHTNING & SURGE LPC 10560-51, 3 ELECTRODE WITH SPADE TERMINAL				
1	165-902002-4	EA	\$308.00	\$308.00	PROTECTOR, SURGE 120/240VAC, ERICO P/N EPD120/240TDFL				
5	465-002899-4	EA	\$22.06	\$110.30	REEL, CABLE DISPOSABLE FOR CROSSING SIGNAL PACKAGES				
7	670-742096-4	EA	\$41.80	\$292.60	RELAY INTERFACE PROBE, ULTRATECH PN 16031-00				
1	670-456936-4	EA	\$150.00	\$150.00	RELAY RACK, SWING, FARADAY SHELTER FOR ONE RELAY, SSFETRAN P/N T15331				
7	670-707995-4	EA	\$313.67	\$2,195.69	RELAY, TYPE B1, NEV LINE, 900 OHMS, .008 AMPERES GRS A62-308 OR SAFETRAN @400003				
2	180-000029-4	EA	\$20.83	\$41.66	RESISTOR UNIT, 2W ADJUSTABLE SAFETRAN NO. 029602-6X FOR TRACK CIRCUITS CR 02-425807				
2	435-805580-4	EA	\$6.25	\$12.50	SAND, 25LB BAG FOR CABLE ENTRANCE INTO THE SHELTER				
1	670-391911-4	EA	\$5,329.57	\$5,329.57	SEARII AUTOMATED INSPECTOR SYSTEM KIT, w/ 1-LOD, 1-eBELL, 2-GTS, 2- MITSS, 1-GFT, 1-VHFC, 2- RECORDER INTERFACE MODULE, 1-ECHELON CONNECTOR				
1	670-281280-4	EA	\$7,006.00	\$7,006.00	SHELTER BARE 6X6, ALUMN, FARADAY, W/CABLE CHUTES BEHIND TERMINAL BOARD, W/GEN. CONN. W/ADJUSTABLE PIERS, SAFETRAN P/N 058400-66-78A				
4	670-586967-4	EA	\$37.68	\$150.72	SHUNT COVER W/LAG SCREWS, 19"X19", SERRMI #40271, ORDER 1 PER SHUNT				

APPROVED BY STATE APPROVED BY RAILROAD CAR NUMBER SEAL NUMBER

Location: SPRINGFIELD

Store No.: 07634

IL

S&E Proj. No.: 04.0567

A/E No.: F03312

Drawing No.: SFDH41377

P.O. Number:

Date Required:

Date Shipped:

Vendor: SW Signal Engineering Company

Qty	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed Date	Quantity Returned (Credit)	Special Instructions
4	670-645460-4	EA	\$596.03	\$2,384.12	SHUNT, MULTI-FREQ. #62775-8621 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	\$56.42	\$112.84	SIGN, X-BUCK, LESS HARDWARE, SAFETRAN 035200-X CR 02-490546				
2	670-751511-4	EA	\$35.58	\$71.16	SIGN, "1" TRACK, LESS HARDWARE SAFETRAN# 035207-1X				
2	670-006438-4	EA	\$11.09	\$22.18	TAPE, 4" X 96" REFLECTIVE APPLY TO BACK OF X-BUCK SIGN. ONLY IN IA, IN, IL, AL. 035200-555X				
2	670-330382-4	RL	\$11.50	\$23.00	TAPE, THOR 3" DURATEC, ORANGE 1000' LENGTHS. "WARNING STOP DIGGING"				
28	670-478560-4	EA	\$19.47	\$545.16	TERMINAL BLOCK, ERICO 4 POST P/N B2700A2C1WH W/HARDWARE LESS LIGHTNING ARRESTOR				
7	165-917984-4	EA	\$4.84	\$33.88	TERMINAL, TEST, TYPE B GRS A62-515 OR HARMON @32118-001 OR				
7	610-065626-4	EA	\$17.55	\$122.85	ULTRA-TECH 15206-01 CONNECTIVITY BLOCK FOR GRS B1 RELAY				
10	670-007238-4	EA	\$129.46	\$1,294.60	UNIT, THE INSTALLATION AND WIRING OF A DEVICE WHICH REQUIRE A MINIMUM OF FOUR WIRE CONNECT.				
1	670-255408-4	EA	\$27,694.19	\$27,694.19	WIRED RACK, 6X6 FARADAY, 40AMP SINGLE TRK SSCCIIIA, GCP 3000D2, 2 CRAGG CHARGER, 2 RELAY RACKS, SAFTRAN P/N 40A 1TRK, USE WITH I/S 670-281280-4 W/CABLE CHUTES BEHIND THE FARADAY SHIELD				
1	450-986008-4	EA	\$24.84	\$24.84	WRENCH, TEST POST TYPE B DWG 55393-3, GR.1				

Total Material: \$116,735.78

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER

Thursday, July 27, 2006 11:29 AM