

ORIGINAL

Completion of this form is necessary to accomplish the statutory purpose as outlined in the Illinois Public Utilities Act, chapter 111 2/3, Sec. 9. Failure to provide the requested information may prevent your request from being processed. This form has been approved by the Forms Management Center.

Form 3

STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION

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SEP 22 2009

Illinois Commerce Commission
RAIL SAFETY SECTION

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-12940

T09-0110

Date: September 14, 2009

To the Illinois Commerce Commission:

480068L

The petitioner Norfolk Southern Railway Company shows

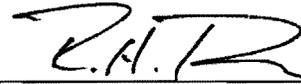
- (1) That it is a railroad company operating a line of railroad in the State of Illinois.
- (2) That petitioner proposes and hereby makes application for authority to make a major change in crossing protection, or to install new protection, under 92 Illinois Administrative Code 1535.400 (d) adopted by this Commission.
- (3) That the location of the crossing, the 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

Modification of Grade Crossing Warning Devices requested by the Illinois Commerce Commission at: North Nineth Avenue near Litchfield, South Litchfield County, Illinois DOT: 480068L, MP. D-439.89 File No. CX0122450, Project No. 04.0179

- (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, Administrator
Highway Grade Crossings
404-527-1234

Thomas W. Ambler
(Attorney for Petitioner)

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

DOCKETED

SEP 22 2009

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 Ill. Adm. Code 1535.400(d).

1. Name of Railroad Company Norfolk Southern Railway Company
2. Crossing Number 480068L
3. Village or City Near the township of Litchfield
4. Name of Street or Highway North Ninth Avenue
5. Public Agency Maintaining Highway Township
6. Protection now established: (Give full description. Indicate the hours of any manual protection.)
Mast mounted crossbucks with yield signs.
7. Protection desired: (Give details)
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 train 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. Eleven 6 p.m. to 6 a.m. Twelve
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
Track 1 N/E Bound 60 mph S/W Bound 60 mph
Track 2 N/E Bound _____ mph S/W Bound _____ mph
Track 3 N/E Bound _____ mph S/W Bound _____ mph
13. Passenger platforms served by tracks within the limits of track circuits, if any None
14. Where automatic signals or gates are proposed, approximately 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
179 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:

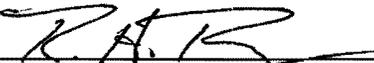
- (a) Width and surface of highway.
- (b) Highway intersections (including private driveways to be so indicated) and location of established highway signs or signals within 100 feet of crossing.
- (c) Location of tracks, switches and other railroad facilities such as block signals, etc. within limits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

ADDITIONAL INFORMATION

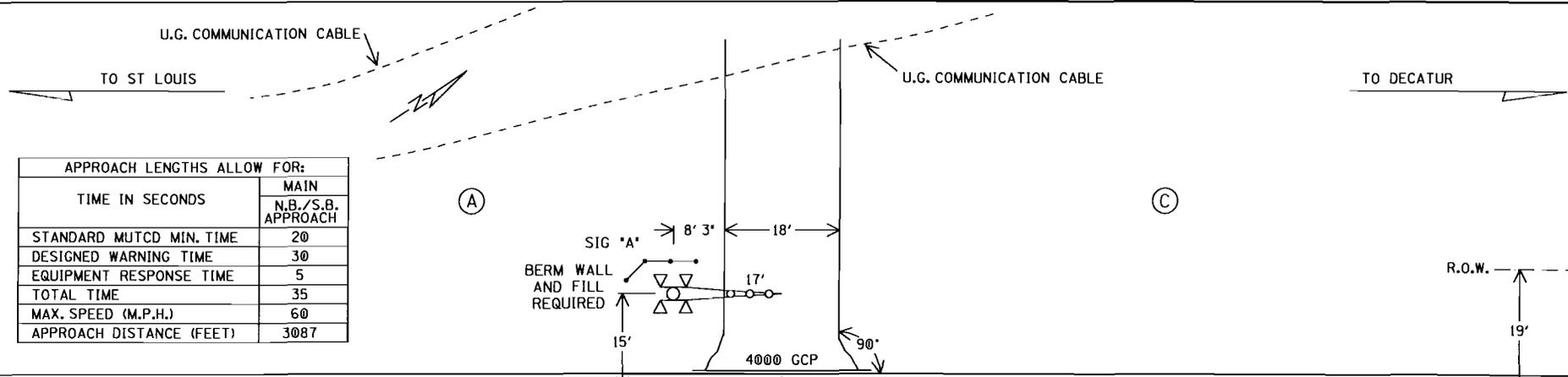
Drawings attached for question 16.

VERIFICATION

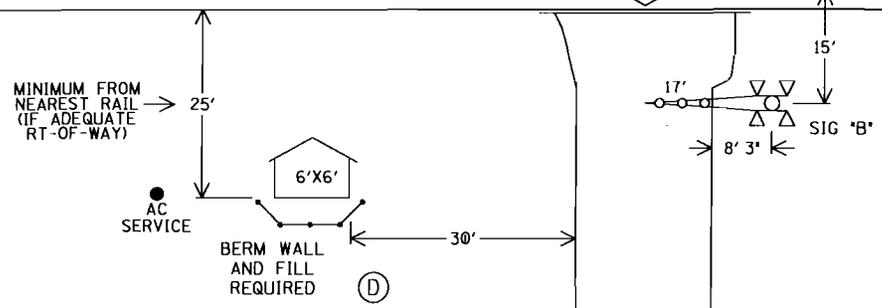
I, R. H. Ray, first being duly sworn upon oath depose and say that I am Administrator - Highway Grade Crossings of Norfolk Southern Railway Company, an Virginia corporation; that I have read the above and foregoing petition by me subscribed and know the contents thereof; that said contents are true in 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



APPROACH LENGTHS ALLOW FOR:	
TIME IN SECONDS	MAIN
	N.B./S.B. APPROACH
STANDARD MUTCD MIN. TIME	20
DESIGNED WARNING TIME	30
EQUIPMENT RESPONSE TIME	5
TOTAL TIME	35
MAX. SPEED (M.P.H.)	60
APPROACH DISTANCE (FEET)	3087



- NOTES:
1. MAX. TRAIN SPEED 60 M.P.H.
 2. LATITUDE N 39° 07' 55" LONGITUDE W 89° 40' 34" ELEVATION 664'
 3. SIGNAL 'A' TO HAVE BELL.
 4. LOCATE U/G UTILITIES & CABLE BEFORE DIGGING.
 5. CROSSING LOCATED IN MONTGOMERY COUNTY.
 6. NEAREST STREET ADDRESS IS 199 FRANKS LANE
 7. NEAREST INTERSECTING STREET IS US ROUTE 66
 8. DISTANCE TO NEAREST INTERSECTING STREET IS 172 FT.
 9. ADDITIONAL SPANS MAY NEED TO BE CONSTRUCTED BY POWER COMPANY TO OBTAIN AC AT THIS CROSSING.
- (A) (B) (C) (D) = QUADRANT MARKERS

N. 9TH AVE.
AAR *480 068L

IN SERVICE _____ SIGNED _____ DATE _____

S&E ENGINEERING COPY

CONSTRUCTION OFFICE COPY

FIELD COPY

PROJECT ENGINEER COPY

SCALE: 1" = 20'
PROJECT *04.0179

LAYOUT FILE No. CX0122450

DESIGNED BY: DWM 08-10-09		M.P.: D-439.89
DRAWN BY: XRL 08-10-09		
CHECKED BY: WJK 08-11-09	LITCHFIELD, IL FLGS AT N 9TH AVE	
IN SERVICE:	BROOKLYN DISTRICT	FILE No. R-
	CADD or DWG. No. BKDS43989.01	SHEET No. 1 of 21

REVISION INITIALS																			
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PROPERTY
NORFOLK SOUTHERN RAILWAY CO.

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 Illinois Commerce Commission
 RAIL SAFETY SECTION

Detailed Estimate for Grade Crossing Warning Devices

City/State: LITCHFIELD, IL
 MilePost: D-439.89
 State Proj. No.:
 S&E Proj. No.: 04.0179
 Man Days: 100

Road: N. 9TH AVE.
 DOT/AAR: 480068L
 County: MONTGOMERY
 AFE: F11446
 File Number:

Purchases - Others	
Meals and Lodging:	\$13,440.00
Rental of Equipment:	\$23,800.00
(2 Trucks, 1 Backhoe w/ Trailer and 1 Pipe-Pusher for 25 Days)	
Construction Supervision Vehicle:	\$8,307.60
Purchases - Other Total:	\$45,547.60
Material And Additives	
Material Cost:	\$127,873.00
Sales and Use Tax:	\$6,394.00
Material Handling Freight:	\$6,393.66
Material Total:	\$140,660.66
Labor And Additives	
Labor Cost:	\$28,000.00
(4 man crew at \$1,120.00 a day for: 25 days)	
Payroll Tax & Overheads:	\$37,195.20
Preliminary Engineering:	\$13,716.84
Construction Supervision:	\$15,685.60
Labor Total:	\$94,597.64
Project Cost:	\$280,805.90
Scrap / Salvage Credit:	\$0.00
Project Total:	\$280,805.90

Estimated on: 14-Sep-09

Estimated by: n5s2v

Estimate valid for 1 year from date of estimate

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Illinois Commerce Commission
RAIL SAFETY SECTION



Norfolk Southern Railway
Highway Crossing Signalization Program - Material List

Do not substitute items without permission from S & E Engineering

City:	LITCHFIELD
Road:	N. 9TH AVE.
Mile Post:	D-439.89
Drawing Number:	BKDS43989
State ProjectNumber:	
County:	MONTGOMERY
A A R Number:	480068L
Project Number:	04.0179
File Number:	
New File Number:	CX0122450
A F E Number:	F11446
Store Number:	
Supervisor:	R.J. JACOBS
Tax Code:	
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: LITCHFIELD

IL

S&E Proj. No.: 04.0179

AFE No.: F11446

Drawing No.: BKDS43989

Store No.:

P.O.Number:

Date Required:

Date Shipped:

Vendor: Xorail

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.		
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	\$170.17	\$2,212.21	BATTERY,GNB 264AH MODEL 50G11 SINGLE CELL 2.25 VOLTS						
2	001-000011-4	EA	\$5,000.00	\$10,000.00	BERM WALL						
2	670-980689-4	EA	\$76.10	\$152.20	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 38' AND LESS						
1	670-356949-4	EA	\$61.67	\$61.67	CABLE, 10' GENERATOR HOOK UP, SERRMI P/N 40524. FEMALE CONNECTOR						
300	465-939422-4	LF	\$2.28	\$684.00	CABLE, UG 12 CONDUCTOR NO 14 AWG SOLID EACH CONDUCTOR WITH 5/64 IN INSULATION 10 MIL						
300	465-292862-4	LF	\$0.98	\$294.00	CABLE, UG 2-6 TWISTED, S-23 OKONITE 113-12-3933 SOLID TINNED CONDUCTOR						
300	465-292929-4	LF	\$2.94	\$882.00	CABLE, UG 5 COND. NO. 6 AWG SOLID COPPER CABLE TO MEET NS CORP. SPEC. FOR SIGNAL						
300	465-791835-4	FT	\$2.63	\$789.00	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	\$86.46	\$172.92	CONNECTOR, WELDED FAR RAIL HARMON A1000-2W						
2	670-486646-4	EA	\$73.92	\$147.84	CONNECTOR, WELDED NEAR RAIL HARMON A1000-1W						
2	670-793404-4	EA	\$1,189.32	\$2,378.64	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	\$348.44	\$348.44	DISPOSAL, CONSTRUCTION DEBRIS AND CLEANING X'ING EQUIPMENT CONTAINER						

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER

Location: LITCHFIELD

IL

S&E Proj. No.: 04.0179

AFE No.: F11446

Drawing No.: BKDS43989

Store No.:

P.O.Number:

Date Required:

Date Shipped:

Vendor: Xorail

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.		
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	\$577.50	\$1,155.00	FOUNDATION, DIXIE,S-2 GATE 2'6"X2'6"X5'6" ASSEMBLED						
2	670-257031-4	EA	\$339.19	\$678.38	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	\$32,156.31	\$32,156.31	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	670-477991-4	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	\$1,224.75	\$2,449.50	LAMP ASSY, 5" MAST MTG. 2W IND. 20" BKGRD, FLX-12 W/BULB S'TRAN #042003-487XNS						
6	165-643547-4	EA	\$5.69	\$34.14	LAMP, 18 WATT 10 VOLT S-11 SC BAY 18S11/1SC CLEAR RWY SIGNAL UJ-71463 GE						
5	255-590880-4	EA	\$17.08	\$85.40	LOCK, AMERICAN LOCK MODEL H-10KA KEYED ALIKE TO PRIVATE KEYWAY D456 AND STAMPED "NS SIG"						
2	670-637778-4	EA	\$1,033.34	\$2,066.68	MAST, 5" ALUMINUM 13'10" WITH DOUBLE JCT. BOX BASE. S'TRAN P# 070519-11AX.						
2	670-850933-4	EA	\$3,540.11	\$7,080.22	MECHANISM, GATE MODEL S-60, WITH DEFROSTER AND MINI TRACKSIDE SENSOR S'TRAN # 0740007-X002B3						
1	000-000000-4	EA	\$5,000.00	\$5,000.00	MISC. UNDERGROUND BORING						
4	670-001347-4	EA	\$47.93	\$191.72	PACKAGE, HARDWARE SIGN 5 IN. MOUNTING, SERRMI A1250-5, HARMON @200965-000, OR						
1	255-646807-4	EA	\$17.09	\$17.09	PADLOCK, SAFETRAN PART NO. 030399-29X SCREW TYPE FOR CIR CONTROLLER AND BTY. BOX						
1	670-514605-4	EA	\$10.30	\$10.30	PINNACLE, W-C SECT 1-11, 4"& 5" REF K1 110-8 OR SAFETRAN NO. @035045-503X						

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Location: LITCHFIELD

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S&E Proj. No.: 04.0179

AFE No.: F11446

Drawing No.: BKDS43989

Store No.:

P.O.Number:

Date Required:

Date Shipped:

Vendor: Xorail

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.		
4	670-000013-4	EA	\$10,234.00	\$40,936.00	POLELINE CONSTRUCTION BY LOCAL POWER COMPANY FOR SERVICE						
1	165-902002-4	EA	\$308.00	\$308.00	PROTECTOR, SURGE 120/240VAC, ERICO P/N EPD120/240TDFL						
4	465-002899-4	EA	\$36.06	\$144.24	REEL, CABLE DISPOSABLE FOR CROSSING SIGNAL PACKAGES						
1	670-024861-4	EA	\$640.86	\$640.86	RELAY RACK, SWING, FARADAY SHELTER FOR EIGHT B1 RELAYS, SAFETTRAN P/N 057883-1X						
2	435-805560-4	EA	\$6.25	\$12.50	SAND, 25LB BAG FOR CABLE ENTRANCE INTO THE SHELTER						
1	670-027556-4	EA	\$2,659.94	\$2,659.94	SEARIII, ACCESSORY PACKAGE, W/2-ILOD, 1-E-BELL, 2-GTS, 1-GFT, 1-VHFC, WITHOUT MTSS/SEAR UNIT						
1	670-281280-4	EA	\$6,559.29	\$6,559.29	SHELTER BARE 6X6, ALUMN, FARADAY, W/CABLE CHUTES BEHIND TERMINAL BOARD, W/GEN. CONN. W/ADJUSTABLE PIERS, SAFETTRAN P/N 058400-66-78A						
2	670-586967-4	EA	\$42.98	\$85.96	SHUNT COVER W/LAG SCREWS, 19"X19", SERRMI #40271, ORDER 1 PER SHUNT						
2	670-652773-4	EA	\$466.63	\$933.26	SHUNT, MULTI-FREQ. #62775-1543 SAFETTRAN NARROW BAND						
2	670-393331-4	EA	\$37.43	\$74.86	SIGN CROSSING MALFUNCTION ASSEMBLY FOR 4" AND 5" MAST, SAFETTRAN #T17215						
2	670-806648-4	EA	\$68.73	\$137.46	SIGN, X-BUCK, LESS HARDWARE, SAFETTRAN 035200-X CR 02-490546						
2	670-751511-4	EA	\$36.04	\$72.08	SIGN, "1" TRACK, LESS HARDWARE SAFETTRAN# 035207-1X						
2	670-006438-4	EA	\$9.71	\$19.42	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: \$127,873.16

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CAR NUMBER

SEAL NUMBER