

ORIGINAL

Form 3

STATE OF ILLINOIS

RECEIVED

ILLINOIS COMMERCE COMMISSION

JUL 7 2008

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-12742

Illinois Commerce Commission
RAIL SAFETY SECTION

T08-0104

Date: June 27, 2008

To the ILLINOIS COMMERCE COMMISSION:

724571V

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: Bluff Road. in Centreville, St. Clair County, Illinois, DOT: 724571V, MP. 8.80W

File No. CX0104973

Project No. 04.0162

- (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 724571V
3. Village or City Centreville
4. Name of Street or Highway Bluff Road
5. Public Agency Maintaining Highway County *St Clair*
6. Protection now established:
Flashing Lights
7. Protection desired:
Install 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. Eight 6 p.m. to 6 a.m. Seven
11. Approximate number of switch movements:
6 a.m. to 6 p.m. Zero 6 p.m. to 6 a.m. Zero
12. Maximum speed of trains at crossing on each track in each direction:
North/East 60 M.P.H Main
South/West 60 M.P.H.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:

5900 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 25 th.
day of June 20 08.

Notary Public (Georgia) or Witness

My Commission Expires: _____



Detailed Estimate for Grade Crossing Warning Devices

City/State: CENTREVILLE, IL
MilePost: 8.8-W
State Proj. No.: RRS-0592(049)
S&E Proj. No.: 04.0162
Man Days: 100

Road: BLUFF RD.
DOT/AAR: 724571V
County: ST. CLAIR
AFE: F10852
File Number: 061-04.0061

Purchases - Others	
Meals and Lodging:	\$12,816.00
Rental of Equipment:	\$22,695.00
(2 Trucks, 1 Backhoe w/ Trailer and 1 Pipe-Pusher for 25 Days)	
Construction Supervision Vehicle:	\$1,815.60
Purchases - Other Total:	\$37,326.60
Material And Additives	
Material Cost:	\$68,549.00
Sales and Use Tax:	\$3,427.00
Material Handling Freight:	\$3,427.44
Material Total:	\$75,403.44
Labor And Additives	
Labor Cost:	\$26,700.00
(4 man crew at \$1,068.00 a day for: 25 days)	
Payroll Tax & Overheads:	\$26,339.55
Preliminary Engineering:	\$8,381.89
Construction Supervision:	\$7,537.41
Labor Total:	\$68,958.85
Project Cost:	\$181,688.89
Scrap / Salvage Credit:	\$0.00
Project Total:	\$181,688.89

Estimated on: 25-Jun-08

Estimated by: nam27

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:	CENTREVILLE
Road:	BLUFF RD.
Mile Post:	8.8-W
Drawing Number:	XW0783P
State ProjectNumber:	RRS-0592(049)
County:	ST. CLAIR
A A R Number:	724571V
Project Number:	04.0162
File Number:	061-04.0061
New File Number:	CX0104973
A F E Number:	F10852
Store Number:	
Supervisor:	J.E. BROWNE
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: CENTREVILLE

IL

S&E Proj. No.: 04.0162

AFE No.: F10852

Drawing No.: XW0783P

Store No.:

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		
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						
3	670-119241-4	EA	\$32.96	\$98.88	ARRESTOR, LIGHTNING HEAVY DUTY CLEAR VIEW SAFETRAN 022585-1X						
13	105-871901-4	EA	\$177.65	\$2,309.45	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						
300	465-292862-4	LF	\$1.25	\$375.00	CABLE, U-2-6 TWISTED, S-23 OKONITE 113-12-3933 SOLID TINNED CONDUCTOR						
100	465-292945-4	LF	\$1.44	\$144.00	CABLE, U-5-14, S-54 OKONITE 206-14-6885						
300	465-292929-4	LF	\$3.78	\$1,134.00	CABLE, U.G. 5 COND. NO. 6 AWG SOLID COPPER CABLE TO MEET NS CORP. SPEC. FOR SIGNAL						
300	465-939422-4	LF	\$2.68	\$804.00	CABLE, UG 12 CONDUCTOR NO 14 AWG SOLID EACH CONDUCTOR WITH 5/64 IN INSULATION 10 MIL						
100	465-791835-4	FT	\$3.25	\$325.00	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						
80	670-100000-4	EA	\$2.00	\$160.00	CONDUIT, PRE-EMPTION - STATE OF ILLINOIS , 4" x 10' PVC						
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	\$858.87	\$1,717.74	COUNTERWEIGHT PKAGE, 17-24'GATE S'TRAN S- MECH ONLY, STAINLESS, TO INCLUDE HUB, SUPPORT ARMS						

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER

Location: CENTREVILLE

IL

S&E Proj. No.: 04.0162

AFE No.: F10852

Drawing No.: XW0783P

Store No.:

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		
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						
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	\$475.20	\$950.40	FOUNDATION,DIXIE,S-2 GATE 2'6"X2'6"X5'6" ASSEMBLED						
2	670-001321-4	EA	\$339.19	\$678.38	GATE, ARM FIBERGLASS-ALUMINUM 17-24 FT., L&W OR US&S OR SAFETRAN 076600-240017 OR						
1	670-976662-4	EA	\$29,008.89	\$29,008.89	GCP 4000 1 TRK, REDUNDANT, (2TRK CHASSIS), WIRED RACK FOR 6X6 FARADAY, 2 EA SSCIII, 2 EA 20 AMP CRAIG CHARGER, WITH SEAR Iii, 2 RELAY RACKS, SAFETRAN T18807						
1	670-468243-4	EA	\$43.79	\$43.79	INDUCTOR, SIMULATED TRACK SAFETRAN 8V617-400						
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	\$923.26	\$1,846.52	LAMP ASSY, 5" MAST MTG. 2W IND. 20" BKGRD, FLX-12 W/BULB S'TRAN #042003-487XNS						
6	165-643547-4	EA	\$4.32	\$25.92	LAMP, 18 WATT 10 VOLT S-11 SC BAY 18S11/1SC CLEAR RWY SIGNAL UJ-71463 GE						
3	670-440826-4	EA	\$1.01	\$3.03	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"						
2	670-637778-4	EA	\$1,051.12	\$2,102.24	MAST, 5" ALUMINUM 13'10" WITH DOUBLE JCT. BOX BASE. S'TRAN P# 070519-11AX.						
2	670-850933-4	EA	\$3,373.48	\$6,746.96	MECHANISM, GATE MODEL S-60, WITH DEFROSTER AND MINI TRACKSIDE SENSOR S'TRAN # 0740007-X002B3						

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Location: CENTREVILLE

IL

S&E Proj. No.: 04.0162

AFE No.: F10852

Drawing No.: XW0783P

Store No.:

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		
1	670-000001-4	EA	\$726.23	\$726.23	MISC. MATERAIL/FILL						
4	670-001347-4	EA	\$63.59	\$254.36	PACKAGE, HARDWARE SIGN 5 IN. MOUNTING, SERRMI A1250-5, HARMON @200965-000, OR						
1	255-646807-4	EA	\$21.78	\$21.78	PADLOCK, SAFETRAN PART NO. 030399-29X SCREW TYPE FOR CIR CONTROLLER AND BTY. BOX						
1	670-514605-4	EA	\$8.49	\$8.49	PINNACLE, W-C SECT 1-11, 4"& 5" REF K1 110-8 OR SAFETRAN NO. @035045-503X						
1	670-555609-4	EA	\$45.35	\$45.35	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						
1	670-742096-4	EA	\$43.30	\$43.30	RELAY INTERFACE PROBE, ULTRATECH PN 16031-00						
1	670-707995-4	EA	\$315.24	\$315.24	RELAY, TYPE B1, NEV LINE, 900 OHMS,.008 AMPERES GRS A62-308 OR SAFETRAN @400003						
2	435-805560-4	EA	\$6.25	\$12.50	SAND, 25LB BAG FOR CABLE ENTRANCE INTO THE SHELTER						
1	670-027556-4	EA	\$2,923.58	\$2,923.58	SEARIII ACCESSORY PACKAGE, W/2-ILOD, 1-E-BELL, 2-GTS, 1-GFT, 1-VHFC, WITHOUT MTSS/SEAR UNIT						
1	670-281280-4	EA	\$7,159.63	\$7,159.63	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	\$37.68	\$75.36	SHUNT COVER W/LAG SCREWS, 19"X19", SERRMI #40271, ORDER 1 PER SHUNT						
2	670-652773-4	EA	\$472.92	\$945.84	SHUNT, MULTI-FREQ. #62775-1543 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	\$56.71	\$113.42	SIGN, X-BUCK, LESS HARDWARE, SAFETRAN 035200-X CR 02-490546						
2	670-751511-4	EA	\$35.76	\$71.52	SIGN, "1" TRACK, LESS HARDWARE SAFETRAN# 035207-1X						
2	670-006438-4	EA	\$11.15	\$22.30	TAPE, 4" X 96" REFLECTIVE APPLY TO BACK OF X-BUCK SIGN. ONLY IN IA., IN., IL., AL. 035200-555X						

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S&E Proj. No.: 04.0162

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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 Quan.	Date Quan.	Date Quan.		
1	670-330382-4	RL	\$15.68	\$15.68	TAPE, THOR 3" DURATEC, ORANGE 1000' LENGTHS. "WARNING STOP DIGGING"						
3	670-478560-4	EA	\$19.47	\$58.41	TERMINAL BLOCK, ERICO 4 POST P/N B2700A2C1WH W/HARDWARE LESS LIGHTNING ARRESTOR						
1	610-065626-4	EA	\$18.18	\$18.18	ULTRA-TECH 15206-01 CONNECTIVITY BLOCK FOR GRS B1 RELAY						
1	670-007238-4	EA	\$130.11	\$130.11	UNIT, THE INSTALLATION AND WIRING OF A DEVICE WHICH REQUIRE A MINIMUM OF FOUR WIRE CONNECT-						
1	450-986008-4	EA	\$24.97	\$24.97	WRENCH, TEST POST TYPE B DWG 55393-3, GR.1						

Total Material: \$68,548.70

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

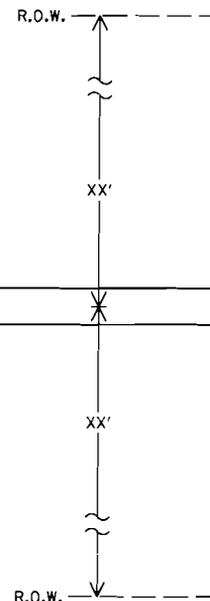
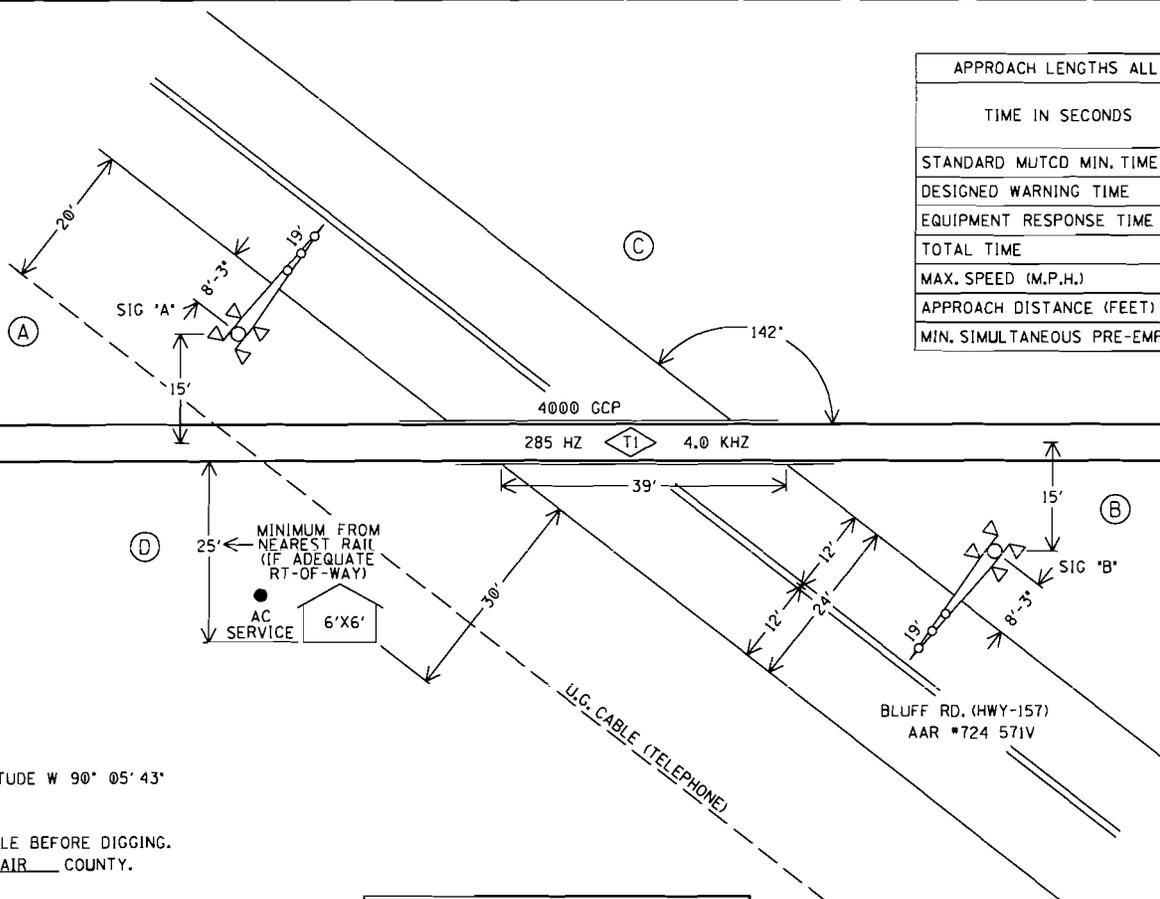
SEAL NUMBER

TO PRINCETON
(R.R. EAST)

TO E. ST. LOUIS
(R.R. WEST)

APPROACH LENGTHS ALLOW FOR:	
TIME IN SECONDS	CWT
	E.B./W.B. APPROACH
STANDARD MUTCD MIN. TIME	20
DESIGNED WARNING TIME	30
EQUIPMENT RESPONSE TIME	5
TOTAL TIME	30
MAX. SPEED (M.P.H.)	60
APPROACH DISTANCE (FEET)	3087'
MIN. SIMULTANEOUS PRE-EMPT	25 SEC.

4" CONDUIT FOR CITY USE



NOTES:

1. MAX. TRAIN SPEED 60 M.P.H.
2. LATITUDE N 38° 33' 47" LONGITUDE W 90° 05' 43" ELEVATION 431'
3. SIGNAL 'A' TO HAVE BELL.
4. LOCATE U/G UTILITIES & CABLE BEFORE DIGGING.
5. CROSSING LOCATED IN ST. CLAIR COUNTY.
6. NEAREST STREET ADDRESS IS 220 HWY-157
7. NEAREST INTERSECTING STREET IS HWY-15
8. DISTANCE TO NEAREST INTERSECTING STREET IS 1500 FT.

- (A) = SE QUADRANT (C) = SW QUADRANT
(B) = NW QUADRANT (D) = NE QUADRANT

IN SERVICE	SIGNED	DATE
<input type="checkbox"/> S&E ENGINEERING COPY		
<input type="checkbox"/> CONSTRUCTION OFFICE COPY		
<input type="checkbox"/> FIELD COPY		
<input type="checkbox"/> PROJECT ENGINEER COPY		

SCALE: 1" = 20'
PROJECT #04.0162

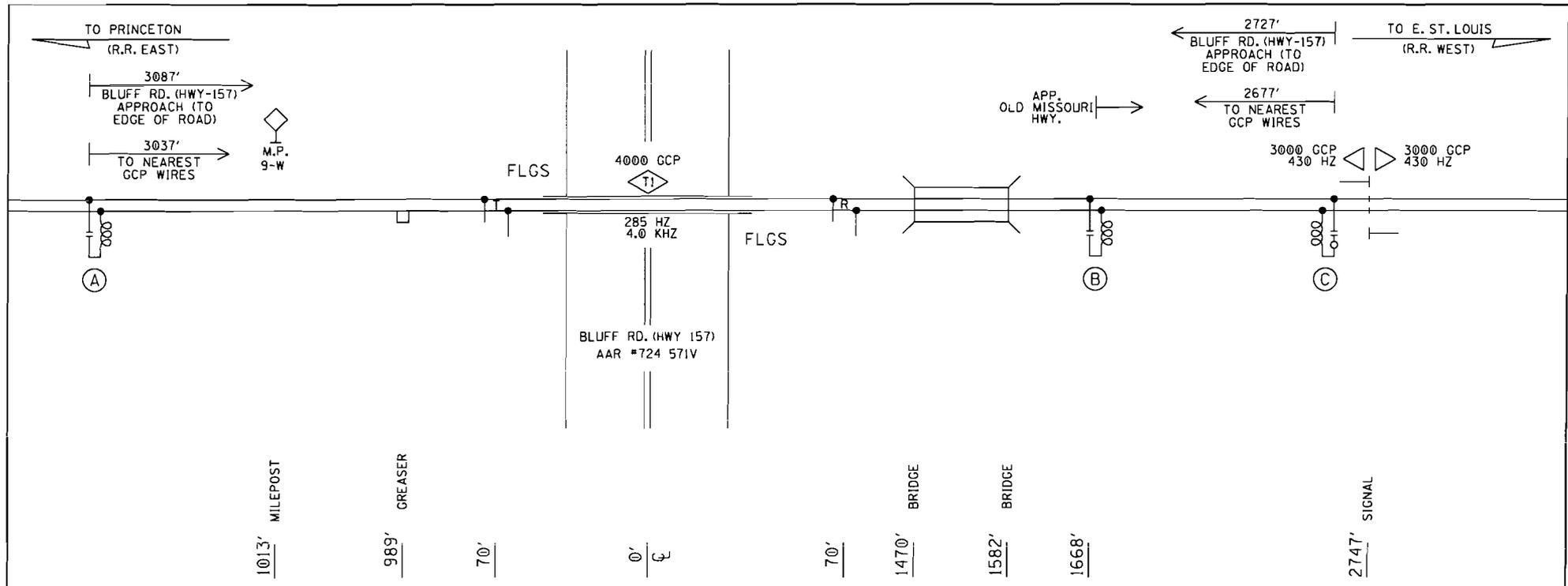
LAYOUT

FILE No. CX0104973

DESIGNED BY: DBS 06-12-08		OFFICE OF ASS'T. VICE PRESIDENT COMM. & SIGNAL, ATLANTA, GA. M.P.: 8.80-W
DRAWN BY: IRE 06-12-08		CENTREVILLE, IL FLGS AT BLUFF RD. (HWY 157)
CHECKED BY: RDO 06-16-08		SOUTHERN WEST DISTRICT
IN SERVICE:		FILE No. R-
	CADD or DWG. No. XW0783P.01	SHEET No. 1 of 21

REVISION INITIALS																			
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PROPERTY
NORFOLK SOUTHERN RAILWAY CO.



- (A) - MF-NBS 62775-1543 (285HZ)
- (B) - MF-NBS 62775-1543 (430HZ)
- (C) - MF-NBS 62775-1543 (285HZ)
W/INDUCTOR 8V617-400

PROFILE

DESIGNED BY: DBS 06-12-08	NS NORFOLK SOUTHERN	
DRAWN BY: IRE 06-12-08	OFFICE OF ASS'T. VICE PRESIDENT COMM. & SIGNAL, ATLANTA, GA.	M.P. 8.80-W
CHECKED BY: RDO 06-16-08	CENTREVILLE, IL FLGS AT BLUFF RD. (HWY 157)	
IN SERVICE:	SOUTHERN WEST DISTRICT	FILE No. R-
	CADD of DWG. No. XW0783P.02	SHEET No. 2 of 21

REVISION																				
INITIALS																				

PROPERTY
NORFOLK SOUTHERN RAILWAY CO.