NORFOLK SOUTHERN

Norfolk Southern Corporation
Communications and Signal Department
99 Spring Street, S.W.
Atlanta, Georgia 30303

B. L. Sykes
Chief Engineer
C&S Engineering
404/529-2105

December 8, 2003
061-04.082

Mr. Michael E. Stead
Railroad Safety Program Administrator
Illinois Commerce Commissioner
527 East Capitol Avenue
P. O. Box 19280
Springfield, IL, 62794-9280

X-12081

T07-0053

Dear Mr. Stead:

Please reference your letter of October 2, 2003, regarding the upgrade of automatic grade crossing warning devices at Airport Road in Centralia, Marion County, Illinois, DOT: 724 795T, MP: 68.72W.

Attached are two copies each of the detailed estimate, material list and engineering plans for this project. Please advise if additional information is needed at this time. We will progress this project after we have received authorization from the ICC and Illinois DOT.

Also, if curb, culvert, drainage or sidewalk adjustments are necessary for proper placement of our grade crossing signal equipment, please have the responsible governmental entity or their contractor make these adjustments as described in note 11 on page one of our plans prior to the arrival of our construction gang for the installation or as part of this project. If state equipment or personnel will be within 25 feet of our tracks, please contact Jimmy Ellis at 217-425-2063 to coordinate your work.

Sincerely,

B L Sykes

B. L. Sykes

/Attachment(s)

BLS/rhr/rjs

Cc: Ms. Cheryl Cathey, w/plans and estimate for approval.
Mr. T. W. Ambler, w/copy of Form 3
Mr. Jimmy Ellis

w/ revised Estimate
March 9, 07

Form 3

ORIGINAL

STATE OF ILLINOIS

ILLINOIS COMMERCE COMMISSION

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-12081

T07-0053

Date: December 8, 2003

To the **ILLINOIS COMMERCE COMMISSION:**

724795T

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: Airport Rd. in Centralia, Marion County, Illinois, DOT: 724795T, MP. 68.72-W

File No. 061-04.082 Project No. 04.0493

(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 at 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. R.
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

AUG 21 2007

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 724795T
3. Village or City Centralia
4. Name of Street or Highway Airport Rd.
5. Public Agency Maintaining Highway City
6. Protection now established:

   Flashing lights and bell.

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. Eleven 6 p.m. to 6 a.m. Ten

11. Approximate number of switch movements:

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

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:

300 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

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 8 th.

day of December 20 03 .

Notary Public (Georgia) or Witness

My Commission Expires: _____

Exh B, p 1

09-Mar-07

Detailed Estimate for Grade Crossing Warning Devices

City/State:	CENTRALIA, IL	Road:	AIRPORT RD. (TR-48A)
MilePost:	68.72-W	DOT/AAR:	724795T
State Proj. No.:		County:	MARION
S&E Proj. No.:	04.0493	AFE:	F01846
Man Days:	88	File Number:	O61-04.0082

*****Purchases - Others*****		
Meals and Lodging:	$8,279.88	
Rental of Equipment:	$18,101.60	
(2 Trucks, 1 Backhoe w/ Trailer and 1 Pipe-Pusher for 22 Days)		
Construction Supervision Vehicle:	$1,448.13	
Purchases - Other Total:		$27,829.61
*****Material And Additives*****		
Material Cost:	$69,000.00	
Sales and Use Tax:	$3,450.00	
Material Handling Freight:	$3,450.01	
Material Total:		$75,900.01
*****Labor And Additives*****		
Labor Cost:	$21,296.00	
(4 man crew at $968.00 a day for: 22 days)		
Payroll Tax & Overheads:	$21,008.50	
Preliminary Engineering:	$7,946.07	
Construction Supervision:	$6,011.86	
Labor Total:		$56,262.43
	Project Cost:	$159,992.05
	Scrap / Salvage Credit:	$0.00
	Project Total:	**$159,992.05**

Estimated on: 09-Mar-07

Estimated by: enjab

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:	CENTRALIA
Road:	AIRPORT RD. (TR-48A)
Mile Post:	68.72-W
Drawing Number:	SE8449P
State ProjectNumber:	
County:	MARION
A A R Number:	724795T
Project Number:	04.0493
File Number:	061-04.0082
New File Number:	
A F E Number:	F01846
Store Number:	07505
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&EGen. Supt. Construction w/copy of invoice

EXHIB P2

Location: CENTRALIA IL S&E Proj. No.: 04.0493 AFE No.: F01846 Drawing No.: SE8449P

Store No.: 07505 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 Date Quan.	Date Quan.	Date Quan.	Quantity Returned (Credit)	Special Instructions
3	670-360693-4	EA	$4.82	$14.46	AAR/DOT NUMBER PLATE/DECAL, ORDER 3 PER PROJECT. 60 DAY LEAD TIME. SUPPLIED BY S'TRAN.						
1	165-006505-4	EA	$1,028.00	$1,028.00	AC SERVICE, COMPLETE LESS METER BASE, ASSEMBLED ON 30' POLE						
13	105-871901-4	EA	$154.22	$2,004.81	BATTERY,GNB 265AH MODEL 50A11 SINGLE CELL 2.25 VOLTS						
1	670-503047-4	EA	$185.75	$185.75	BELL, CROSSING ELECTRONIC GENERL SIGNAL, EB-3-360-5 CR 02-044350						
2	670-980689-4	EA	$63.71	$127.41	BRACKET HIGH WIND, (RIGID 3'), WIG- 191036, WALRUS TUSK TYPE						
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						
1800	465-292862-4	LF	$1.00	$1,805.22	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						
300	465-791835-4	FT	$1.96	$587.40	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	$2.00	$159.65	CONDUIT, 4"x10' PVC, SCHEDULE 80 BELL CONNECTOR AT ONE END, 1/2 PT. GLUE IN KIT 670-123298-4						
5	670-090450-4	EA	$49.62	$248.12	CONNECTOR,WELDED FAR RAIL HARMON A1000-2W						
5	670-486646-4	EA	$40.66	$203.30	CONNECTOR,WELDED NEAR RAIL HARMON A1000-1W						
2	670-793404-4	EA	$838.38	$1,676.76	COUNTERWEIGHT PKAGE, 17-24'GATE S'TRAN S- MECH ONLY, STAINLESS, TO INCLUDE HUB, SUPPORT ARMS						
4	670-760012-4	EA	$34.90	$139.59	COVER, FOR 1 WAY FLASHING LIGHT ASSY. 18 OZ. BLACK VINYL COATED NYLON. ====TO COVER 2 LAMPS====						
1	670-986650-4	EA	$361.26	$361.26	DISPOSAL, CONSTRUCTION DEBRIS AND CLEANING X'ING EQUIPMENT CONTAINER						
1	670-000004-4	EA	$281.44	$281.44	FCC LICENSE FOR MONITOR/RADIO						

APPROVED BY STATE	APPROVED BY RAILROAD	CAR NUMBER	SEAL NUMBER

Location: CENTRALIA IL S&E Proj. No.: 04.0493 AFE No.: F01846 Drawing No.: SE8449P

Store No.: 07505 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 Date Quan.	Date Quan.	Date Quan.	Quantity Returned (Credit)	Special Instructions
5	670-000003-4	EA	$255.85	$1,279.25	FILL/STONE #57, QUANITY 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						
2	670-001321-4	EA	$246.66	$493.32	GATE, ARM FIBERGLASS-ALUMINUM 17-24 FT., L&W OR US&S OR SAFETRAN 076600-240017 OR						
1	670-730154-4	EA	$68.52	$68.52	INDUCTOR, SIMULATED TRACK SAFETRAN 8V617-2000						
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						
1	670-123298-4	EA	$256.93	$256.93	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	$907.09	$1,814.18	LAMP ASSY, 5" MAST MTG. 2W IND. 20" BKGRD, FLX-12 W/BULB S'TRAN #042003-487XNS						
6	165-643547-4	EA	$8.43	$50.60	LAMP, 18 WATT 10 VOLT S-11 SC BAY 18S11/1SC CLEAR RWY SIGNAL UJ-71463 GE						
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"						
2	670-637778-4	EA	$1,055.55	$2,111.09	MAST, 5" ALUMINUM 13'10" WITH DOUBLE JCT. BOX BASE. S'TRAN P# 070519-11AX.						
1	670-850933-4	EA	$3,352.65	$3,352.65	MECHANISM, GATE MODEL S-60, WITH DEFROSTER AND MINI TRACKSIDE SENSOR S'TRAN # 0740007-X002B3						
1	970-000004-4	EA	$2,046.80	$2,046.80	MISC. EXPENSE FOR CULVERT RELOCATION / EXTENSION. 1 SIDE OF TK.						
2	670-001347-4	EA	$57.98	$115.95	PACKAGE, HARDWARE SIGN 5 IN. MOUNTING, SERRMI A1250-5, HARMON @200965-000, OR						
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	165-902002-4	EA	$308.00	$308.00	PROTECTOR, SURGE 120/240VAC, ERICO P/N EPD120/240TDFL						
5	465-002899-4	EA	$20.88	$104.39	REEL, CABLE DISPOSABLE FOR CROSSING SIGNAL PACKAGES						
2	435-805560-4	EA	$6.25	$12.50	SAND, 25LB BAG FOR CABLE ENTRANCE INTO THE SHELTER						

APPROVED BY STATE	APPROVED BY RAILROAD	CAR NUMBER	SEAL NUMBER

Exh B p 4

Location: CENTRALIA IL S&E Proj. No.: 04.0493 AFE No.: F01846 Drawing No.: SE8449P

Store No.: 07505 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 Date Quan.	Date Quan.	Date Quan.	Quantity Returned (Credit)	Special Instructions
1	670-816502-4	EA	$4,903.75	$4,903.75	SEARII AUTOMATED INSPECTOR SYSTEM KIT, w/ 1-iLOD,1-eBELL, 2-GTS, WITHOUT MTSS, 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, ,SAFTETRAN P/N 058400-66-78A						
3	670-586967-4	EA	$34.74	$104.23	SHUNT COVER W/LAG SCREWS, 19"X19", SERRMI #40271, ORDER 1 PER SHUNT						
3	670-652773-4	EA	$470.56	$1,411.68	SHUNT, MULTI-FREQ. #62775-1543 SAFETRAN NARROW BAND						
2	670-806648-4	EA	$56.42	$112.84	SIGN, X-BUCK, LESS HARDWARE, SAFETRAN 035200-X CR 02-490546						
2	670-006438-4	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						
1	670-330382-4	RL	$10.75	$10.75	TAPE, THOR 3" DURATEC, ORANGE 1000' LENGTHS. "WARNING STOP DIGGING"						
1	670-405488-4	EA	$29,396.00	$29,396.00	WIRED RACK, 6X6 FARADAY, COMPLETE/GCP3000D2 DOUBLE TRK, 20 AMP SSCCIII, 4 ISL MOD, 2 CRAGG CHARGER 2 RELAY RACKS, SAFTRAN P/N T15384,USE WITH I/S 670-786834-4 OR P/N 058400-66-78A, 670-281280-4						

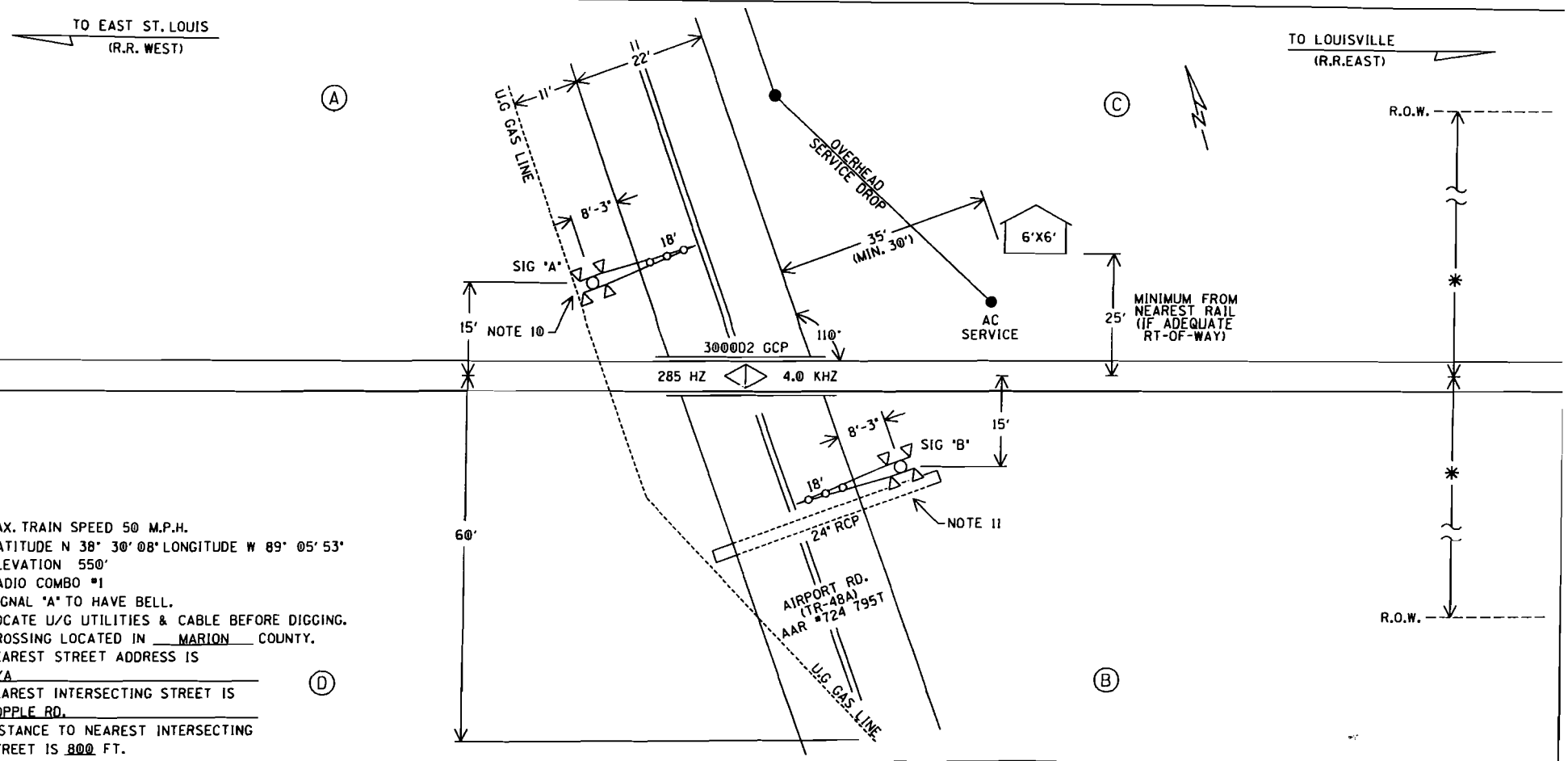
Total Material: $69,000.28

APPROVED BY STATE	APPROVED BY RAILROAD	CAR NUMBER	SEAL NUMBER

Friday, March 09, 2007 9:00 AM

Exh B p5

Exh B p6



NOTES:

1. MAX. TRAIN SPEED 50 M.P.H.
2. LATITUDE N 38° 30' 08" LONGITUDE W 89° 05' 53" ELEVATION 550'
3. RADIO COMBO #1
4. SIGNAL "A" TO HAVE BELL.
5. LOCATE U/G UTILITIES & CABLE BEFORE DIGGING.
6. CROSSING LOCATED IN MARION COUNTY.
7. NEAREST STREET ADDRESS IS N/A
8. NEAREST INTERSECTING STREET IS COPPLE RD.
9. DISTANCE TO NEAREST INTERSECTING STREET IS 800 FT.
10. HAND DIGGING IN QUADRANT "A" MAY BE REQUIRED DUE TO UNDERGROUND GAS LINE IN THE AREA.
11. 24" CULVERT IN QUADRANT "B" WILL NEED TO BE EXTENDED 10' FOR PLACEMENT WARNING DEVICE.

(A) (B) (C) (D) = QUADRANT MARKERS

✱ - OFFICE VERIFY DISTANCES

IN SERVICE _____ SIGNED _____ DATE

☐ S&E ENGINEERING COPY
☐ CONSTRUCTION OFFICE COPY
RETURN TO S&E ENG. AFTER COMPLETION
☐ FIELD COPY
RETURN TO CASE AFTER COMPLETION
☐ PROJECT ENGINEER COPY

SCALE: 1" = 20'
PROJECT #04.0493

LAYOUT

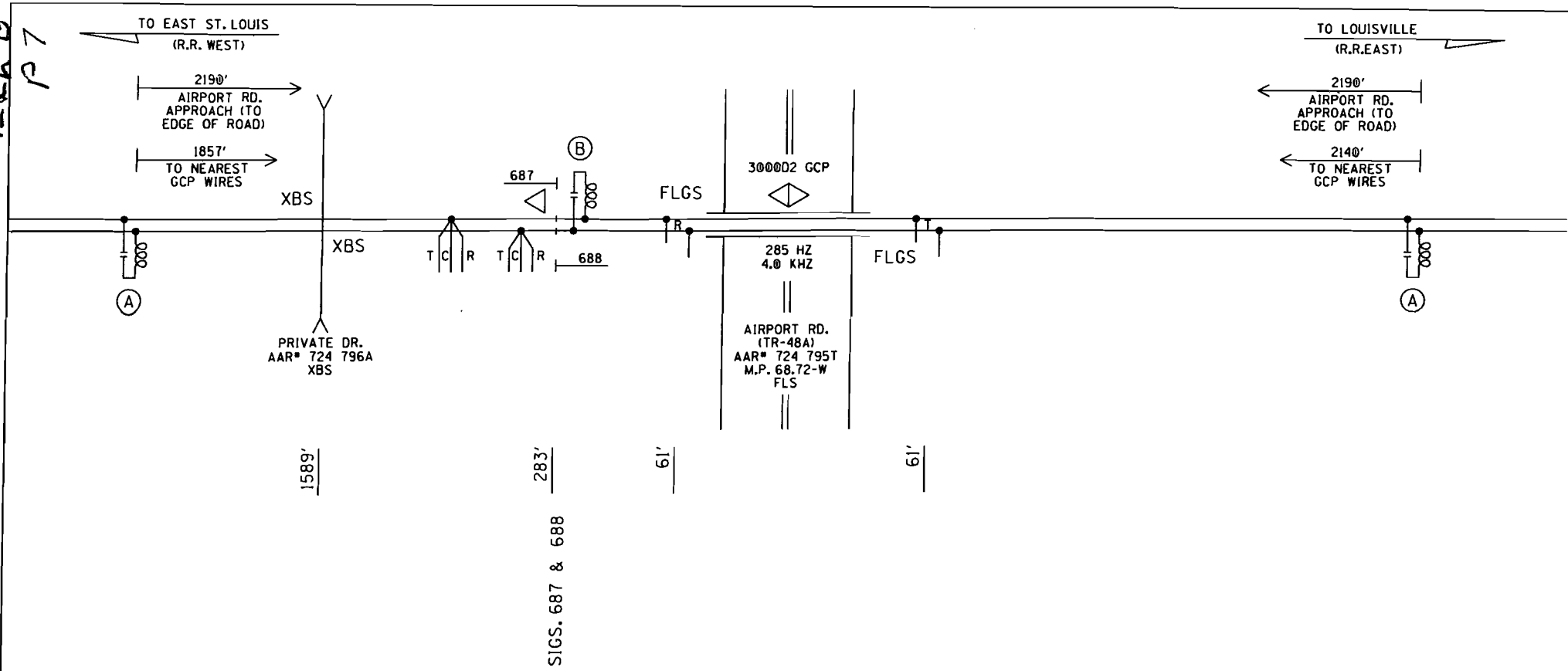
FILE No. 061-04.082

DESIGNED BY: DBS 10-30-03	NORFOLK SOUTHERN		
DRAWN BY: IRE 10-30-03	OFFICE OF ASS'T. VICE PRESIDENT COMM. & SIGNAL, ATLANTA, GA.	M.P.:	68.72-W
CHECKED BY: RDO 11-10-03	CENTRALIA, IL FLGS AT AIRPORT RD. (TR-48A)		
IN SERVICE: - -	PROFILE # 7C	FILE No.	R-
	CADD or DWG. No. SE8449P.01	SHEET No.	1 of 19

REVISION INITIALS

PROPERTY
NORFOLK SOUTHERN RAILWAY CO.

Exh 13
P 7



(A)- MF-NBS 62775-1543 (285HZ)

(B)- MF-NBS 62775-1543 (285HZ)
IN SERIES W/8V617-2000

PROFILE

DESIGNED BY: DBS 10-30-03	NORFOLK SOUTHERN		
DRAWN BY: IRE 10-30-03	OFFICE OF ASS'T. VICE PRESIDENT COMM. & SIGNAL, ATLANTA, GA.	M.P.:	68.72-W
CHECKED BY: RDO 11-10-03	CENTRALIA, IL FLGS AT AIRPORT RD. (TR-48A)		
IN SERVICE: - -	PROFILE # 7C	FILE No.	R-
	CADD or DWG. No. SE8449P.02	SHEET No.	2 of 19

REVISION INITIALS

PROPERTY
NORFOLK SOUTHERN RAILWAY CO.