

ORIGINAL

STATE OF ILLINOIS

705-0029

ILLINOIS COMMERCE COMMISSION

STIPULATED AGREEMENT NO. 1131

This agreement made and entered into, by and between the State of Illinois acting by and through the Illinois Commerce Commission ("Commission"), the Norfolk Southern Railway Company ("Company"), the Zanesville Township ("Township"), and the State of Illinois, Department of Transportation ("Department").

WITNESSETH:

WHEREAS, it has come to the attention of the Commission through an application for assistance from the Grade Crossing Protection Fund that inquiry should be made into the matter of improving public safety at the 18th Avenue/TR 149 highway-rail grade crossing of the Company's track near Honey Bend, in Zanesville Township, Montgomery County, Illinois, designated as crossing **AAR/DOT #480 045E, railroad milepost 430.22-WA**; and

WHEREAS, proper investigation has been made of the circumstances surrounding the aforesaid crossing by a representative of the Commission's Transportation Division Railroad Section; and

WHEREAS, the physical aspects, including geometrics of the intersection, train movements, vehicular traffic volume, and sight distances and other pertinent data relating to the crossing have been obtained and shown on Exhibit A, attached to the Agreement; and

WHEREAS, the parties are mutually agreeable to accomplish the proposed improvements upon a determination of the Commission by Order.

NOW, THEREFORE in consideration of the premises and of the mutual covenants and agreements as hereinafter contained the parties pray that the Commission enter an Order according to the provisions of Section 18c-7401 of the Illinois Commercial Transportation Law requiring that certain improvements as hereinafter stated be made and that the cost for the proposed improvements be divided among the parties according to law and that in the interest of the traveling public the Grade Crossing Protection Fund of the Motor Fuel Tax Law be required to bear a substantial portion of the cost; To Wit the parties agree as follows:

Section 1 All improvements encompassed by this Agreement shall be made in accordance with all applicable State laws, rules, standards, regulations and orders and procedures in general.

Section 2 The parties are of the opinion that the proper improvements in the interest of public safety at the aforesaid crossing should be:

DOCKETED

- (a) Installation of automatic flashing light signals and gates with a bell, controlled by constant warning time circuitry, and equipped with an event recorder.
- (b) Installation of temporary STOP signs at the 18th Avenue/TR 149 crossing within 30 days of receipt of a Commission Order for the installation of new automatic warning devices, if ordered.
- (c) Reconstruction of the existing highway approaches, in order to comply with the minimum requirements of 92 Illinois Administrative Code Part 1535.204, and as depicted on the proposed plan in Exhibit C.
- (d) The installation by of a new railroad advanced warning sign on the east highway approach to the crossing, in compliance with requirements of 92 Illinois Administrative Code 1535.310.

Section 3 The Company and the Township have each prepared a detailed estimate of cost and a general layout plan to accomplish the proposed improvements, which they may be required to perform, attached hereto as Exhibits B and C.

Section 4 The Company and the Township shall upon Order, according to the requirements contained therein, proceed toward the completion of the proposed improvements, accomplishing the work with its own forces or appropriate contracted services and agrees that an appropriate time for the completion of the proposed improvements should be twelve (12) months from the date of a Commission Order subsequent to this Agreement.

Section 5 The parties agree that an equitable division of cost for the proposed improvements should be as follows:

COST DIVISION TABLE:

IMPROVEMENT	EST. COST	GCPF	TOWNSHIP	COMPANY	IDOT
Install Automatic Flashing Light Signals and Gates, controlled by CWT Circuitry	\$201,600	(95%) \$191,520 ¹	\$0	(5%) \$10,080 ²	\$0
Modify Existing Highway Approaches	\$40,693	\$0	100% ⁴	\$0	\$0
Install temporary STOP Signs.	No estimate required	\$0	\$0	100% ³	\$0
Install Railroad Advance Warning Signs on east highway approach.	No estimate required	\$0	100% ⁵	\$0	\$0
TOTALS	\$242,293	\$191,520	\$40,693	\$10,080	\$0

Notes:

- ¹ Total Grade Crossing Protection Fund (GCPF) assistance not to exceed \$191,520; any installation costs above the estimated amount of \$201,600 will be divided between the GCPF and the Company in the same percentages noted above, upon submittal and review of evidence to support the additional cost and approval by the Commission.
- ² Company responsible for all future operating and maintenance costs associated with the new automatic warning devices.
- ³ Company responsible for all future maintenance costs associated with the temporary STOP signs, if ordered.
- ⁴ Township responsible for all future maintenance costs associated with the highway approaches.
- ⁵ Township responsible for all future maintenance costs associated with the railroad advanced warning signs.

Section 6 The Township is financially able and willing to bear an equitable portion of the cost for the proposed improvements as may be assigned by the Order and indicates this intent by Resolution attached as Exhibit D.

Section 7 Special Provisions: Since the Township and/or its contractor will perform the highway reconstruction, roadway contractor and railroad liability insurance will be required as specified in the Illinois Department of Transportation's "Standards and Specifications for Road and Bridge Construction".

The Township proposes to reconstruct the approaches according to the plan attached as Exhibit C. The Company should contact the Montgomery County Engineer, Amy McNeal, at 217-532-6109, to coordinate possible field adjustments regarding the signal installation.

The Company and the Township shall complete and submit the Project Manager Information portion of the Project Status Report sheet, attached as Exhibit E-1 and E-2, along with this executed Agreement.

The Company and the Township shall, at six (6) month intervals from the date of Commission Order subsequent to this Agreement, submit to the Director of Processing and Information, Transportation Bureau of the Commission, a Project Status Report, attached as Exhibit E-1 or E-2, regarding the progress it has made toward completion of the work herein required. Each Project Status Report shall include the Commission Order number, the Order date, the project completion date as noted in the Order, crossing information (inventory number and railroad milepost), type of improvement, and the name, title, mailing address, phone number, facsimile number, and electronic mailing address of the Company and the Township Project Manager. Each Project Status Report shall be served on all parties to this Agreement. Service may be made by electronic mail, FAX, or standard mail.

All bills for expenditures authorized for reimbursement from the Grade Crossing Protection Fund as depicted in Section 5 above shall be submitted to the Fiscal Control Unit, Bureau of Local Roads and Streets, Illinois Department of Transportation, 2300 South Dirksen Parkway, Springfield, Illinois 62764. The Department shall send a copy of all bills to the Director of Processing and Information, Transportation Division of the Commission. The final bill for expenditures from each party shall be clearly marked "Final Bill". All bills shall

be submitted no later than twenty-four (24) months from the date of Commission Order subsequent to this Agreement. The Department shall, at the end of the 24th month from the Commission Order date, de-obligate all residual funds accountable for installation cost for this project.

Section 8 This Agreement shall be binding upon the parties hereto, their successors or assigns. Upon execution of this Agreement by all parties, the Commission shall enter an appropriate order, within 60 days accepting or rejecting such stipulation according to the provisions contained herein.

In Witness Whereof, the parties have caused this Agreement to be executed by their duly authorized officers, as of the dates indicated herein.

Executed by the Commission this 22nd day of April, 2005.



Michael E. Stead
Rail Safety Program Administrator

Attest:



Richard A. Daniels
Railroad Safety Specialist

Illinois Commerce Commission Stipulated Agreement No. 1131 concerning improvements at the 18th Avenue/TR 149 highway-rail grade crossing of the Norfolk Southern Railway Company's track located near Honey Bend, in Zanesville Township, Montgomery County, Illinois, designated as crossing AAR/DOT #480 045E, milepost 430.22-WA.

Executed by the Township this 12 day of MAY 2005.

ZANESVILLE TOWNSHIP

By: *Dennis Rosenthal*

Attest:



Beverly A. Seamon

RECEIVED
MAY 16 2005

Illinois Commerce Commission
RAIL SAFETY SECTION

Illinois Commerce Commission Stipulated Agreement No. 1131 concerning improvements at the 18th Avenue/TR 149 highway-rail grade crossing of the Norfolk Southern Railway Company's track located near Honey Bend, in Zanesville Township, Montgomery County, Illinois, designated as crossing AAR/DOT #480 045E, milepost 430.22-WA.

Executed by the Department this 9th day of May 2005.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

By: Victor A. Moddeer
Director of Highways

Illinois Commerce Commission Stipulated Agreement No. 1131 concerning improvements at the 18th Avenue/TR 149 highway-rail grade crossing of the Norfolk Southern Railway Company's track located near Honey Bend, in Zanesville Township, Montgomery County, Illinois, designated as crossing AAR/DOT #480 045E, milepost 430.22-WA.

Executed by the Company this 9th day of June 2005.

NORFOLK SOUTHERN RAILWAY
COMPANY
NS

By: *HR Comstock*
General Manager

Attest:

[Signature]
Assistant Corporate Secretary

**ILLINOIS COMMERCE COMMISSION
STIPULATED AGREEMENT
CROSSING DATA FORM**

GENERAL INFORMATION: See Location Sketch

RAILROAD	Norfolk Southern
USDOT#, MILEPOST/LINE	480 045E, 430.22/WA
STREET, CITY, COUNTY	18 th Ave/TR 149, near Honey Bend, Montgomery County
JURISDICTION (RDWY)	Local
LOCATION	Rural
STREET SURFACE	Chip seal; 16'; fair condition

CROSSING DATA: See Location Sketch for roadway profile and track centers

TRACK (W-E or N-S)	SURFACE TYPE	SURFACE WIDTH	SURFACE CONDITION
N-S	Epton rubber and asphalt	Approx 25'	new

ROADWAY DATA: See Location Sketch

INTERSECTING ROADS:	Connecting road is 70' east
TRAFFIC CONTROL	N/A
ADT & SPEED	160 on 2/10/04, @55mph un posted
TRAFFIC TYPE	Passenger, School Busses and Hazardous Materials
ADVANCE WARNING	Yes, need new on east approach
PAVEMENT MARKING	No

RAILROAD DATA: See Location Sketch

FREIGHT TRAFFIC	17 freight Per day @ 60 MPH, Day & Night
PASSENGER TRAFFIC	N/A
WARNING DEVICES	crossbucks

NOTES:

VISIBILITY STUDY:

Train Speed	60	MPH
Roadway Speed	55	MPH
Required Stopping Sight Distance (SSD)		
Along Roadway	520	FEET
Along Tracks	647	FEET
Required Clearing Sight Distance (CSD) (Along Tracks)	1441	FEET

Distances calculated per American Association of State Highway and Transportation Officials (AASHTO), A Policy on Geometric Design of Highways and Streets, 2001, Fourth Edition.

QUADRANT	CSD (FT)	OBSTRUCTION	SSD (FT)	OBSTRUCTION
NE	n/a	n/a	250	Corn when planted
NW	n/a	n/a	300	Corn when planted
SE	n/a	n/a	600	Corn when planted
SW	n/a	n/a	100	Corn when planted

*Note: Automatic flashing light signals and gates (AFLS&G) eliminate the need to satisfy minimum Site Distance criteria.

APPROACH GRADES: See Location Sketch

DIRECTION: West			DIRECTION: East		
DISTANCE (FT)	ELEVATION (FT)	GRADE (%)	DISTANCE (FT)	ELEVATION (FT)	GRADE (%)
25	98.9	4.4	25	98.4	6.4
50	96.6	9.2	50	97.3	4.4

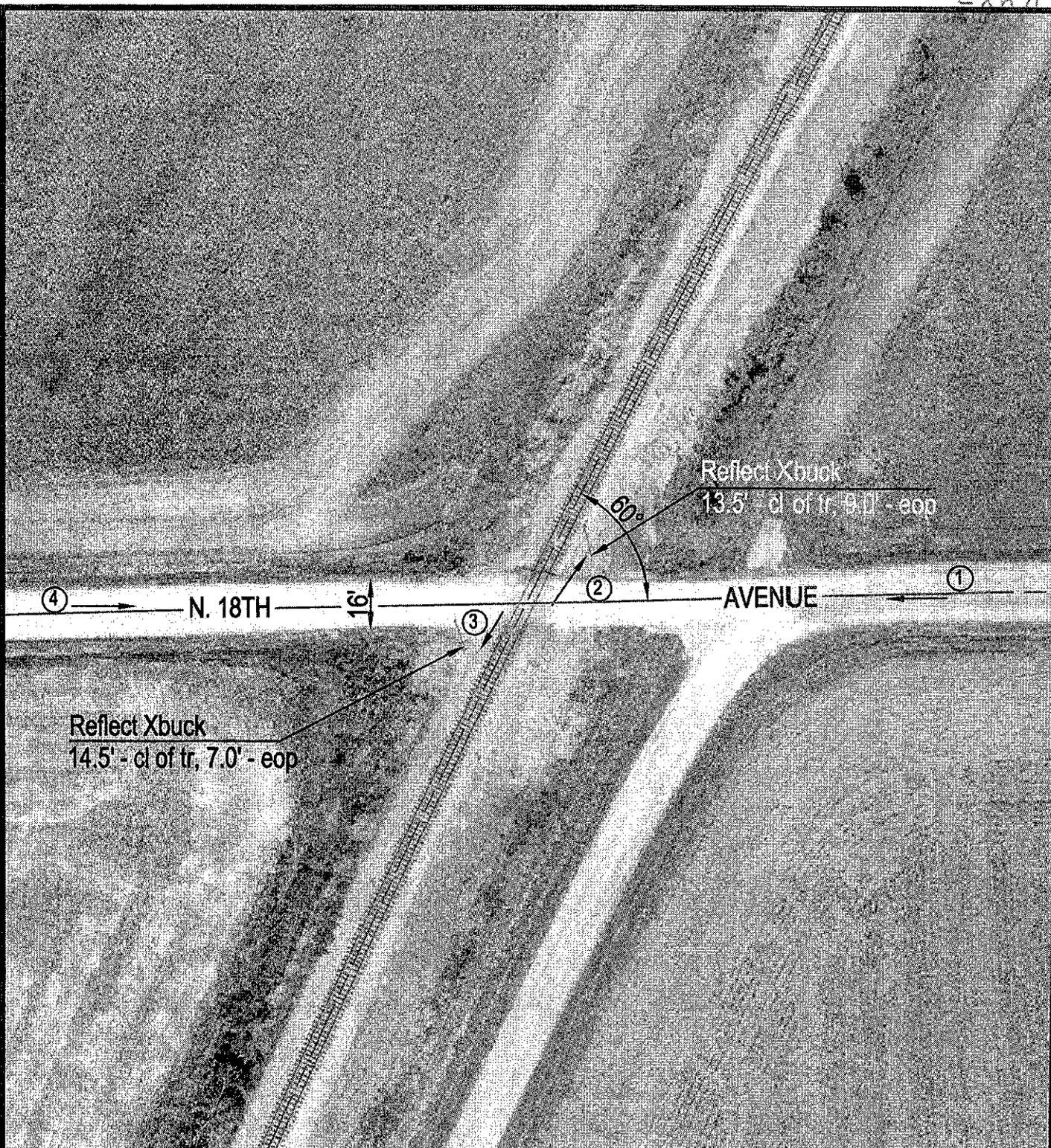
Distance measured from outermost rail.

COMMENTS:

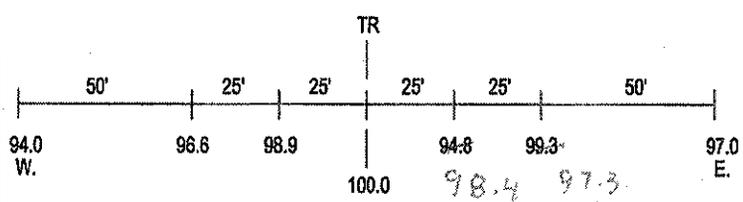
Norfolk Southern Railway's detailed estimate for new automatic warning devices is \$201,600; the Township's estimate for highway approach improvements is \$40,693.

Based on evidence submitted to show that Zanesville Township is experiencing financial hardship, staff recommends the Grade Crossing Protection Fund (GCPF) pay 95% of the installation costs and the railroad pay the remainder of the installation costs, as well as all future operating and maintenance costs, for the new automatic warning devices. The Township should pay 100% of the costs to reconstruct the highway approaches, as well as all future operating and maintenance costs for the highway approaches. The new roadway width at the approaches shall be a 20' seal coated surface with 2' wide shoulders. The Township also needs to replace the east advanced warning sign at its own expense.

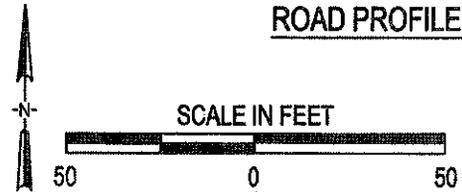
See Page Three for a Location Sketch (Aerial Photo) of the crossing.



J:\MONTGOMERY\480045E.DWG 12/21/99 15:48 JFC



ROAD PROFILE



③ Photo Location

Crossing #:	480045E
Location:	Montgomery Co., City of Litchfield (N)
Lat/Long:	39°15'46" / 89°37'17"
Railroad:	NS
Street:	North 18th Avenue
Railroad Milepost:	430.22
Crossing Protection:	Signs

Detailed Estimate for Grade Crossing Warning Devices

City/State: LITCHFIELD, IL
 MilePost: D-430.22
 State Proj. No.:
 S&E Proj. No.: 04.0550
 Man Days: 128

Road: TR-149
 DOT/AAR: 480045E
 County: MONTGOMERY
 AFE:
 File Number: 061-04.0524

*****Purchases - Other*****

Meals and Lodging:	\$11,600.00	
Rental of Equipment:	\$25,350.00	
(2 Trucks, 1 Backhoe w/ Trailer and 1 Pipe-Pusher for 32 Days)		
Construction Supervision Vehicle:	\$2,030.00	
Contingencies:	\$600.00	
Purchases - Other Total:		\$39,580.00

***** Material and Additives*****

Material Cost:	\$80,250.00	
Sales and Use Tax:	\$4,010.00	
Material Handling _Freight:	\$4,010.00	
Material Total:		\$88,270.00

*****Labor and Additives*****

Labor Cost:	\$29,820.00	
(4 man crew at \$932.00 a day for: 32 days)		
Payroll Tax & Overheads:	\$25,820.00	
Preliminary Engineering:	\$9,690.00	
Construction Supervision:	\$8,420.00	
Labor Total:		\$73,750.00
Subtotal:		\$201,600.00
Credit: (Salvage/Scrap)		\$0.00
Project Total:		\$201,600.00

Estimated on: 24-Mar-05

Estimated by: enjab

Estimate valid for 1 year from date of estimate



Highway Crossing Signalization Program - Material List

Do not substitute items without permission from S & E Engineering

City:	LITCHFIELD
Road:	TR-149
Milepost:	D-430.22
Drawing Number:	BKDS43022
State Project Number:	
County:	MONTGOMERY
A A R Number:	480045E
Project Number:	04.0550
File Number:	061-04.0524
A F E Number:	F02719
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	

24-Mar-05

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p 2

Drawing No.: BKDS43022

AFE No.: F02719

IL S&E Proj. No.: 04.0550

Location: LITCHFIELD

Vendor: Interrail Engineering, INC

Date Shipped:

Date Required:

P.O. Number

Store No.:

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.		
3	670-360693-4	EA	\$5.04	\$15.12	AAR/DOT NUMBER PLATE/DECAL, ORDER 3 PER PROJECT. 60 DAY LEAD TIME. SUPPLIED BY STRAN.					
2	165-006505-4	EA	\$1,051.54	\$2,103.08	AC SERVICE, COMPLETE LESS METER BASE, ASSEMBLED ON 30' POLE					
2	670-001321-4	EA	\$289.81	\$579.62	ARM, GATE FIBERGLASS-ALUMINUM 17-24 FT., L&W OR US&S OR SAFETRAN 076600-240017 OR					
2	670-119241-4	EA	\$32.80	\$65.60	ARRESTOR, LIGHTNING HEAVY DUTY CLEAR VIEW SAFETRAN 022585-1X					
13	105-871901-4	EA	\$161.57	\$2,100.41	BATTERY,GNB 265AH MODEL 50A11 SINGLE CELL 2.25 VOLTS					
1	670-503047-4	EA	\$185.13	\$185.13	BELL, CROSSING ELECTRONIC GENERAL SIGNAL, EB-3-360-5 CR 02-044350					
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					
600	465-292862-4	LF	\$1.04	\$624.00	CABLE, U-2-6 TWISTED, S-23 OKONITE 113-12-3933 SOLID TINNED CONDUCTOR					
2800	465-292945-4	LF	\$1.35	\$3,780.00	CABLE, U-5-14, S-54 OKONITE 206-14-6885					
300	465-292929-4	LF	\$3.05	\$915.00	CABLE, U.G. 5 COND. NO. 6 AWG SOLID COPPER CABLE TO MEET NS CORP. SPEC. FOR SIGNAL					
300	465-939422-4	LF	\$2.55	\$765.00	CABLE, UG 12 CONDUCTOR NO 14 AWG SOLID EACH CONDUCTOR WITH 5/64 IN INSULATION 10 MIL					
300	465-277674-4	FT	\$2.79	\$837.00	CABLE, UG 3CD NUMBER 6 FOR HIGH CURRENT AC POWER OKONITE 206-11-6 243					
80	165-544477-4	FT	\$2.55	\$204.00	CONDUIT, 4"x10' PVC, SCHEDULE 80 BELL CONNECTOR AT ONE END, 1/2 PT. GLUE IN KIT 670-123298-4					

Exh B
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SEAL NUMBER

CAR NUMBER

APPROVED BY RAILROAD

APPROVED BY STATE

Location: LITCHFIELD IL S&E Proj. No.: 04.0550

AFE No.: F02719 Drawing No.: BKDS43022

Store No.: Vendor: Interrel Engineering, INC

Date Required: Date Shipped: Quantity Installed Date Quan. Date Quan. Quantity Returned (Credit)

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Date Quan.	Date Quan.	Quantity Returned (Credit)	Special Instructions
30	670-100000-4	EA	\$2.00	\$60.00	CONDUIT, PRE-EMPTION - STATE OF ILLINOIS, 4" x 10' PVC					
2	670-165169-4	EA	\$27.18	\$54.36	CONNECTOR, SCOTCHLOK 4460 SHIELD SPLICING OKONITE SIGNAL CABLE					
5	670-090450-4	EA	\$50.38	\$251.90	CONNECTOR, WELDED FAR RAIL HARMON A1000-2W					
5	670-486646-4	EA	\$41.62	\$208.10	CONNECTOR, WELDED NEAR RAIL HARMON A1000-1W					
2	670-793404-4	EA	\$838.37	\$1,676.74	COUNTERWEIGHT PKAGE, 17-24" GATE STRAN S-MECH ONLY, STAINLESS, TO INCLUDE HUB, SUPPORT ARMS					
5	670-760012-4	EA	\$40.02	\$200.10	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 XING 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					
1	670-012724-4	EA	\$289.30	\$289.30	FILTER, ELECTRO CODE 156HZ REJECTION PART # TF-156					
2	670-015231-4	EA	\$423.50	\$847.00	FOUNDATION, DIXIE, S-2 GATE 5'6" ASSEMBLED					
1	670-923649-4	EA	\$43.57	\$43.57	INDUCTOR, SIMULATED TRACK SAFETRAN 8V617-0800					
1	670-468243-4	EA	\$43.57	\$43.57	INDUCTOR, SIMULATED TRACK SAFETRAN 8V617-400					
1	670-477991-4	EA	\$317.90	\$317.90	KIT, GROUNDING ASSY FOR AL 1/8 INCLUDES 8 GRD RDS, 200' #4 WIRE, 12 4 WIRE ONE-SHOTS. ERICO SBK206					

EXH B
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APPROVED BY STATE APPROVED BY RAILROAD CAR NUMBER SEAL NUMBER

Location: LITCHFIELD IL S&E Proj. No.: 04.0550 AFE No.: F02719 Drawing No.: BKDS43022 Vendor: Interrail Engineering, INC
 Store No.: P.O. Number Date Required: Date Shipped:

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed Date Quan.	Quantity Returned (Credit)	Special Instructions
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, JNE CAN BLUE MARKING PAINT ETC....				
2	670-000034-4	EA	\$5.82	\$11.64	KIT, PREP KIT SCOTCHAST NO. A2 ORDER ONE PER SPLICE KIT				
2	670-835853-4	EA	\$32.93	\$65.86	KIT, SPLICING SCOTCHAST #72-N2 FOR SPLICING 2C #9, 2C #14, 7C #14 UG OR AERIAL				
1	670-745798-4	EA	\$533.19	\$533.19	LAMP ASSY, 4" GRD. MAST MTG. 1W IND. 20" BKGRD, FLX-12 W/BULB S'TRAN #042003-484XNS				
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				
6	165-643547-4	EA	\$4.30	\$25.80	LAMP, 18 WATT 10 VOLT S-11 SC BAY 18S11/ISC CLEAR RWY SIGNAL UJ-71463 GE				
4	255-590880-4	EA	\$16.12	\$64.48	LOCK, AMERICAN LOCK MODEL H-10KA KEYPED ALIKE TO PRIVATE KEYWAY D456 AND STAMPED "NS SIG"				
1	610-156588-4	EA	\$1,059.34	\$1,059.34	MAST, 5" ALUMINUM (0&0) FOR LIGHT UNIT AND BRACKET WITH DBL. JCT. BOX BASE #070519-203X-2				
1	670-637778-4	EA	\$1,031.41	\$1,031.41	MAST, 5" ALUMINUM 13'10" WITH DOUBLE JCT. BOX BASE. S'TRAN P# 070519-11AX.				
1	670-000985-4	EA	\$198.44	\$198.44	MAST, SIDELIGHT BRACKET F/5'MT. HARMON @225834-XXX, SAFETRAN 041442-28X,				
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				
4	670-000001-4	EA	\$316.23	\$1,264.92	MISC. MATERIAL				
2	670-001347-4	EA	\$63.27	\$126.54	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				

Exh B
P 5

APPROVED BY STATE | APPROVED BY RAILROAD | CAR NUMBER | SERIAL NUMBER

Location: LITCHFIELD IL S&E Proj. No.: 04.0550 AFE No.: F02719 Drawing No.: BKDS43022

Vendor: Interrail Engineering, INC

Date Required: Date Shipped:

Store No.: P.O. Number

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed		Quantity Returned (Credit)	Special Instructions
							Date	Quan.		
1	670-015273-4	EA	\$323.50	\$323.50	PANEL, SAFETFRAN# 80026-35 2 TRACK SURGE PANEL					
1	670-514605-4	EA	\$8.45	\$8.45	PINNACLE, W-C SECT 1-11, 4" & 5" REF K1 110-8 OR SAFETFRAN NO. @035045-503X					
2	670-555609-4	EA	\$45.12	\$90.24	PLUGBOARD, TYPE B-1 GRS A62-506 OR HARMON @7062-506 OR					
1	670-723237-4	EA	\$6,235.58	\$6,235.58	PREDICTOR, DUAL FREQ. 3000 1 TRACK, SAFETFRAN #80200-101-0 NO ISLAND, W/PROCESSOR 80214					
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					
1	670-742096-4	EA	\$41.80	\$41.80	RELAY INTERFACE PROBE, ULTRATECH PN 16031-00					
2	670-707995-4	EA	\$313.67	\$627.34	RELAY, TYPE B1, NEV LINE, 900 OHMS, .008 AMPERES GRS A62-308 OR SAFETFRAN @400003					
2	435-805560-4	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- ILOD, 1-BSX, 2-GTS, 2-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, SAFETFRAN P/N 058400-66-78A					
3	670-586967-4	EA	\$37.68	\$113.04	SHUNT COVER W/LAG SCREWS, 19"X19", SERRMI #40271, ORDER 1 PER SHUNT					
2	670-652773-4	EA	\$470.56	\$941.12	SHUNT, MULTI-FREQ. #62775-1543 SAFETFRAN NARROW BAND					
1	670-688850-4	EA	\$370.27	\$370.27	SHUNT, MULTI-FREQ. #62775-3497 SAFETFRAN NARROW BAND					

Exh B
p6

APPROVED BY STATE | APPROVED BY RAILROAD | CAR NUMBER | SEAL NUMBER

Location: LITCHFIELD IL S&E Proj. No.: 04.0550 Drawing No.: F02719 AFE No.: F02719 BKDS43022 Vendor: Interrail Engineering, INC
 Store No.: P.O. Number Date Required: Date Shipped:

Qty.	Class-Item-CD	U/I	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed		Quantity Returned (Credit)	Special Instructions
							Date	Quan.		
3	670-393331-4	EA	\$37.43	\$112.29	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					
1	670-330382-4	RL	\$11.50	\$11.50	TAPE, THOR 3" DURATEC, ORANGE 1000' LENGTHS. "WARNING STOP DIGGING"					
2	670-478560-4	EA	\$19.47	\$38.94	TERMINAL BLOCK, ERICO 4 POST P/N B2700A2C1WH W/HARDWARE LESS LIGHTNING ARRESTOR					
2	610-065626-4	EA	\$17.55	\$35.10	ULTRA-TECH 15206-01 CONNECTIVITY BLOCK FOR GRS B1 RELAY					
150	465-999111-4	LF	\$0.29	\$43.50	WIRE, NO.10, 1 CONDUCTOR, CASE, FLEXIBLE 37 STRAND, 3/64 IN. INSULATION-ORDER EXT.AMT. NEEDED CR 02-620502					
150	465-999161-4	LF	\$0.18	\$27.00	WIRE, NO.16, 1 CONDUCTOR, CASE, FLEXIBLE, 19 STRAND, 2/64 IN. INSULATION CR 02-620254					
1	670-258957-4	EA	\$25,580.50	\$25,580.50	WIRED RACK, 6X6 FARADAY, 20AMP SINGLE TRK SSSCCIII, GCP3000D2, 2 CRAGG CHARGER, 2 RELAY RACKS, SAFTRAN P/N 20A 1TRK, USE WITH I/S 670-281280-4 W/CABLE CHUTES BEHIND THE FARADAY SHIELD					
2	450-986008-4	EA	\$24.84	\$49.68	WRENCH, TEST POST TYPE B DWG 55393-3, GR.1					

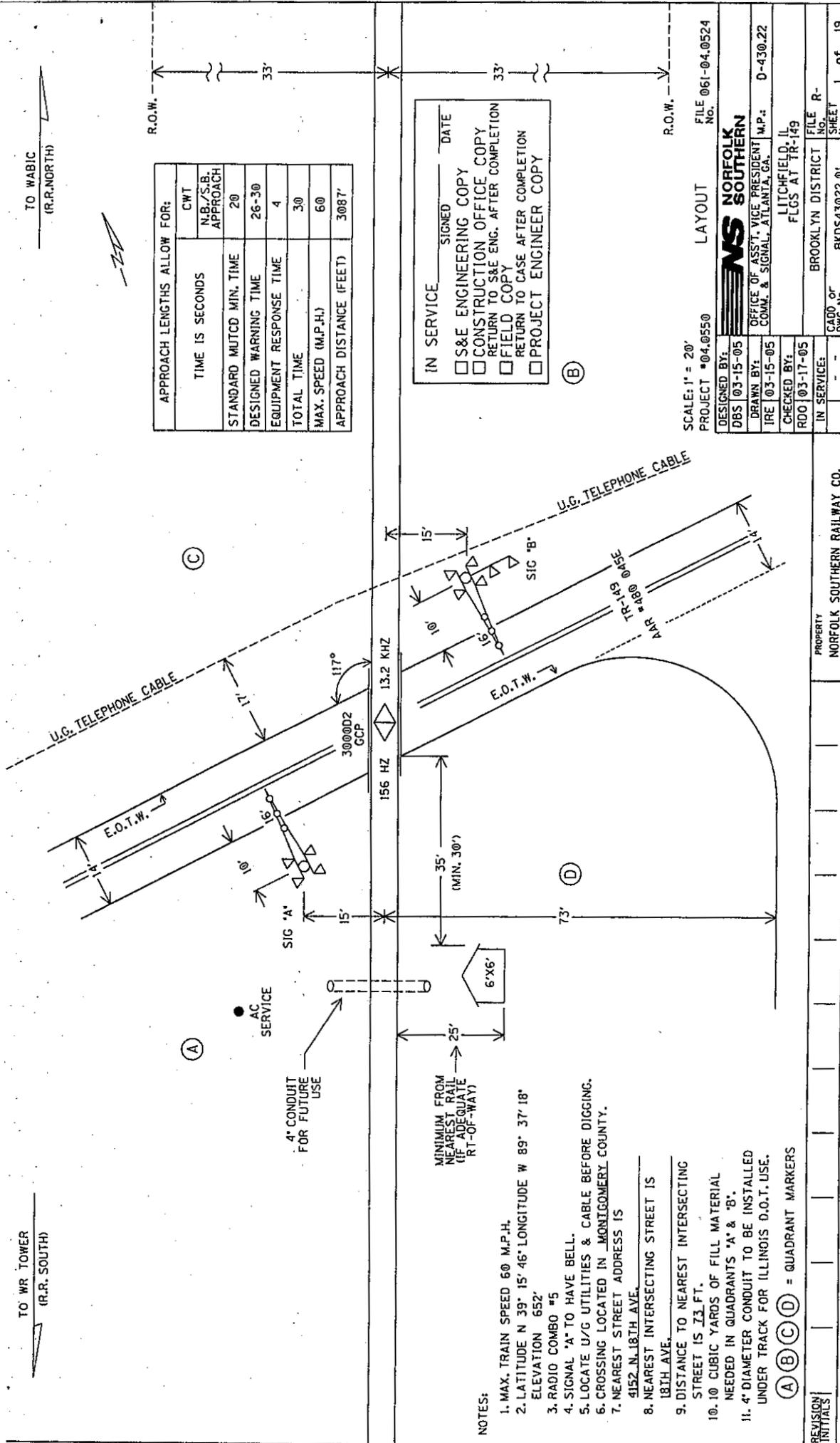
Total Material \$80,245.36

Exh B
P7

APPROVED BY STATE APPROVED BY RAILROAD CAR NUMBER SEAL NUMBER

TO WR TOWER
(R.R. SOUTH)

TO WABIC
(R.R. NORTH)



APPROACH LENGTHS ALLOW FOR:

TIME IS SECONDS	CWT
STANDARD MUTCD MIN. TIME	N.B./S.B. APPROACH
DESIGNED WARNING TIME	20
EQUIPMENT RESPONSE TIME	26-30
TOTAL TIME	4
MAX. SPEED (M.P.H.)	30
APPROACH DISTANCE (FEET)	60
	3087'

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

- NOTES:
1. MAX. TRAIN SPEED 60 M.P.H.
 2. LATITUDE N 39° 15' 46" LONGITUDE W 89° 37' 18" ELEVATION 652'
 3. RADIO COMBO #5
 4. SIGNAL 'A' TO HAVE BELL.
 5. LOCATE U/G UTILITIES & CABLE BEFORE DIGGING.
 6. CROSSING LOCATED IN MONTGOMERY COUNTY.
 7. NEAREST STREET ADDRESS IS 4152 N. 18TH AVE.
 8. NEAREST INTERSECTING STREET IS 18TH AVE.
 9. DISTANCE TO NEAREST INTERSECTING STREET IS 33 FT.
 10. 10 CUBIC YARDS OF FILL MATERIAL NEEDED IN QUADRANTS 'A' & 'B'.
 11. 4" DIAMETER CONDUIT TO BE INSTALLED UNDER TRACK FOR ILLINOIS D.O.T. USE.

SCALE: 1" = 20'

PROJECT #04.0550

DESIGNED BY: DBS 03-15-05

DRAWN BY: IRE 03-15-05

CHECKED BY: ROO 03-17-05

IN SERVICE: _____

FILE #061-04.0524

LAYOUT

NORFOLK SOUTHERN

OFFICE OF ASST. VICE PRESIDENT
COMM. & SIGNAL, ATLANTA, GA. MAP: D-430.22

LITCHFIELD, IL
FLGS AT TR-149

BROOKLYN DISTRICT

FILE # _____

CARD or DWG. No. BK0543022.01

SHEET No. 1 of 19

PROPERTY NORFOLK SOUTHERN RAILWAY CO.

Handwritten notes: 11 x 2 B, 100

PRELIMINARY

Exc
PI

ILLINOIS DEPARTMENT
OF TRANSPORTATION

Montgomery County
Section 02-11110-00-RR
T.R. 149 & 76B

ESTIMATE OF COST

PAGE 1 of 1

T.R. 149 - Beginning at Station 96+50, a point near the NW corner, NW 1/4, Section 2, T9N, R5W 3rd P.M. and extending in an easterly direction to Station 1000+45 a total distance of 395.00 feet.

T.R. 76A - Beginning at Station 12+00., a point near the W 1/4 corner, NW 1/4, Section 2, T9N, R5W, 3rd P.M. and extending in a northerly direction to Station 13+53.82 a total distance of 153.82 feet.

A total distance of 548.82 feet, of which 540.32 feet (0.102 miles) are to be improved.

Station 96+50 is approximately 1.0 miles by road north of the Village of Honey Bend.

Type: A2 Bituminous Surface Treatment over 8" of Agg. Base Course Width: 20' Surface (TR 149) & 16' Surface (TR 76B)
Shoulders: Earth Shoulders, ^{wide}

*2" RAD
4-22-05*

TEM NO.	ITEMS	UNIT	QUANTITY	UNIT PRICE	TOTAL
1	Earth Excavation	Cu. Yd.	190	\$15.00	\$2,850.00
2	Furnished Excavation	Cu. Yd.	990	\$10.00	\$9,900.00
3	Trench Backfill	Cu. Yd.	15	\$15.00	\$225.00
4	Seeding, Class 2 (Special)	Acre	0.4	\$3,000.00	\$1,200.00
5	Temporary Ditch Checks	Each	12	\$150.00	\$1,800.00
6	Inlet And Pipe Protection	Each	1	\$120.00	\$120.00
7	Temporary Erosion Control Seedings	Pound	100	\$3.00	\$300.00
8	Aggregate Base Course, Type A	Ton	535	\$20.00	\$10,700.00
9	Bituminous Material (Prime Coat)	Gallon	408	\$2.00	\$816.00
10	Bituminous Material (Cover and Seal Coats)	Gallon	816	\$2.00	\$1,632.00
11	Cover Coat Aggregate	Ton	15	\$25.00	\$375.00
12	Seal Coat Aggregate	Ton	15	\$25.00	\$375.00
13	Pipe Culverts, Class A, Type 2, 24"	Foot	40	\$35.00	\$1,400.00
14	Pipe Culverts, Class D, Type 1, 12"	Foot	0	\$18.00	\$0.00
15	Pipe Culverts, Class D, Type 1, 15"	Foot	0	\$20.00	\$0.00
16	Precast Reinforced Concrete Flared End Sections 24"	Each	2	\$500.00	\$1,000.00
17	Traffic Control and Protection-Standard BLR 21	L.Sum	1	\$5,000.00	\$5,000.00
18	Railroad Protective Liability Insurance	L.Sum	1	\$3,000.00	\$3,000.00

TOTAL ESTIMATE OF COST

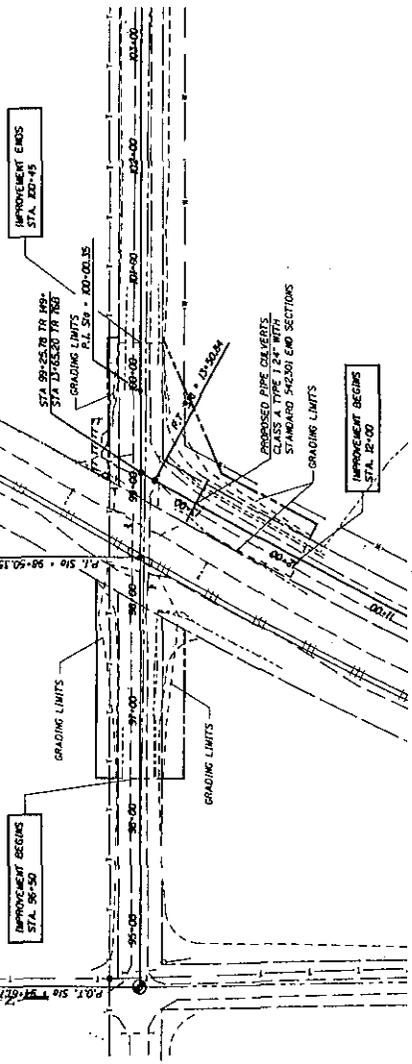
\$40,693.00

Made by: N.A.K.. Date: April 4, 2005

Checked by:

ROUTE NO.	SECTION	COUNTY	T
ROAD DISTRICT			

PRELIMINARY



660	659.97	100	659.97	100	659.97	100	659.97	100	659.97
655	651.86	100	651.86	100	651.86	100	651.86	100	651.86
650	651.86	100	651.86	100	651.86	100	651.86	100	651.86
645	651.86	100	651.86	100	651.86	100	651.86	100	651.86
640	651.86	100	651.86	100	651.86	100	651.86	100	651.86
635	651.86	100	651.86	100	651.86	100	651.86	100	651.86
630	651.86	100	651.86	100	651.86	100	651.86	100	651.86

675	659.97	100	659.97	100	659.97	100	659.97	100	659.97
670	651.86	100	651.86	100	651.86	100	651.86	100	651.86
665	651.86	100	651.86	100	651.86	100	651.86	100	651.86
660	651.86	100	651.86	100	651.86	100	651.86	100	651.86
655	651.86	100	651.86	100	651.86	100	651.86	100	651.86
650	651.86	100	651.86	100	651.86	100	651.86	100	651.86
645	651.86	100	651.86	100	651.86	100	651.86	100	651.86
640	651.86	100	651.86	100	651.86	100	651.86	100	651.86
635	651.86	100	651.86	100	651.86	100	651.86	100	651.86
630	651.86	100	651.86	100	651.86	100	651.86	100	651.86

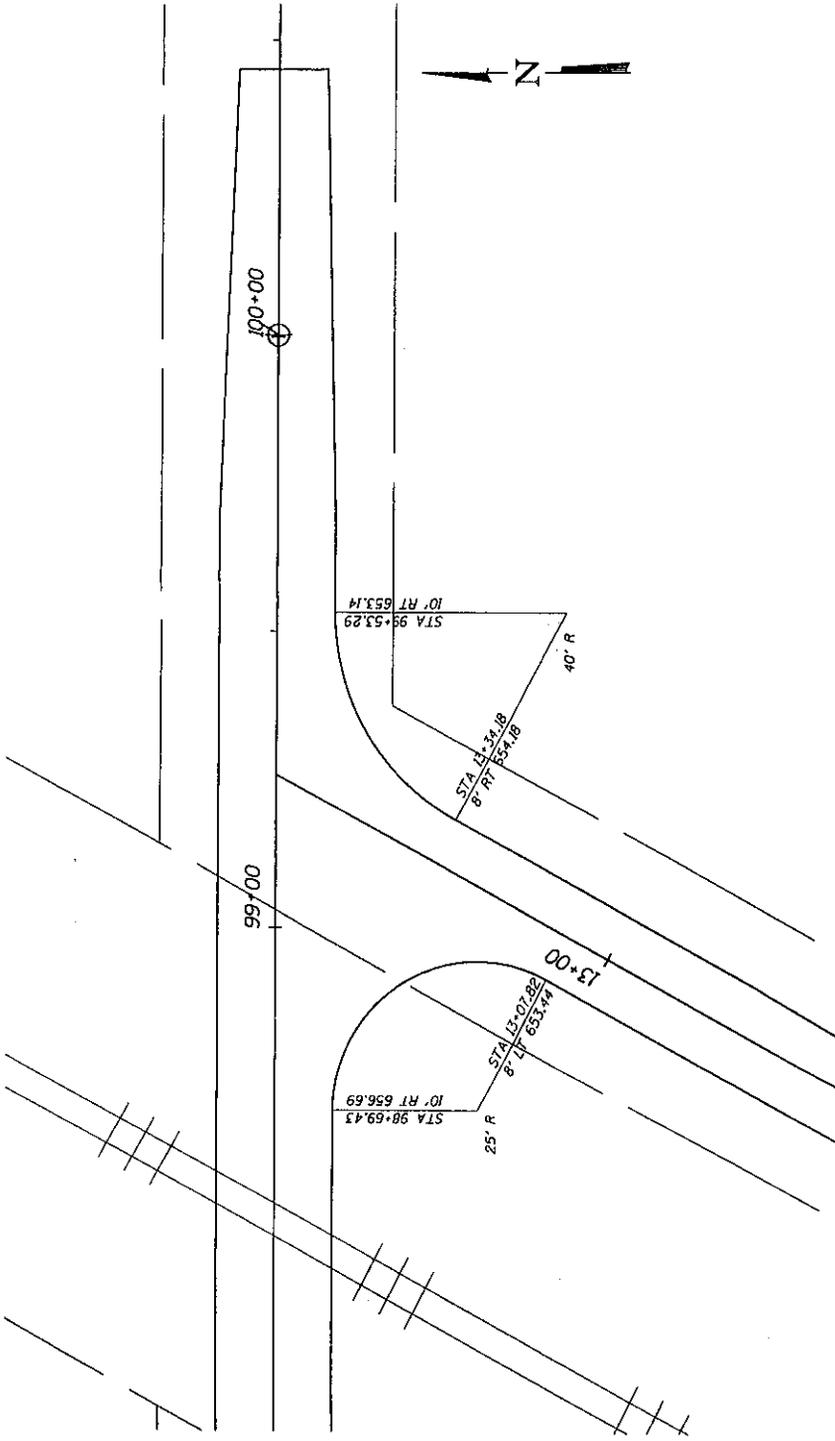
EX 4 C
P 2

DATE	BY	CHECKED

DATE	BY	CHECKED

DATE	SECTION	PROJECT	SCALE	SHEET
1. R. 149 & 76A	02-III-D	MONTGOMERY	1/8" = 1'	5
NORTH LITCHFIELD ROAD DISTRICT				

PRELIMINARY

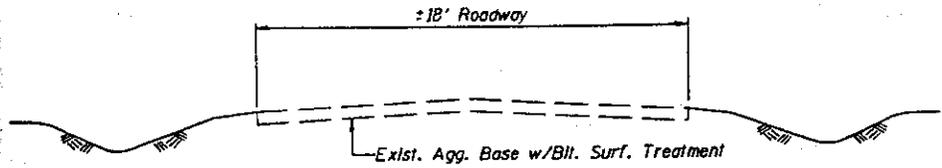


INTERSECTION DETAIL

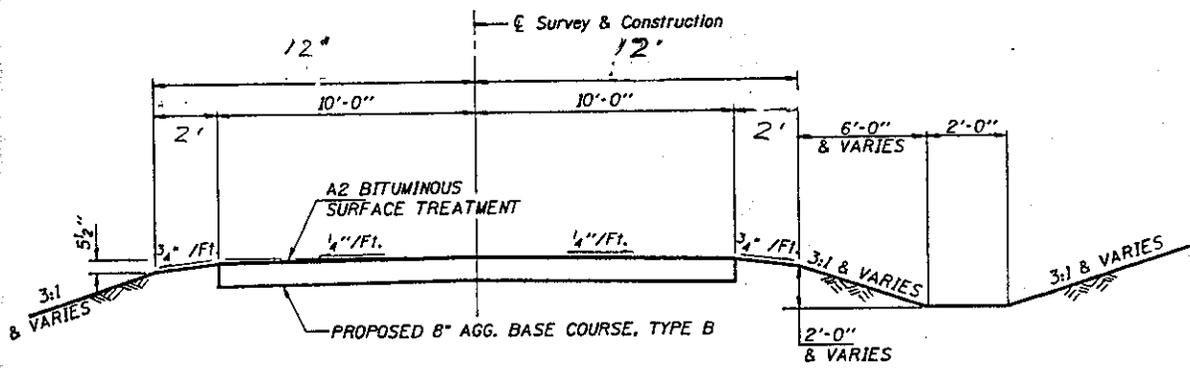
T.R. 149 & 76A
SECTION 02-III-D-00-RR
NORTH LITCHFIELD TOWNSHIP
MONTGOMERY COUNTY

DATE	BY
04/15/2010	CUMMINS

EXH C
P 3



TYPICAL EXISTING ROADWAY CROSS SECTION



Fill Section-Construct as
Shown on Station Cross Sections

Cut Section-Construct as
Shown on Station Cross Sections

TYPICAL PROPOSED ROADWAY CROSS SECTION

ILLINOIS COMMERCE COMMISSION
STIPULATED AGREEMENT

Date 5-12-05

Agreement # 1131

The BOARD

(Board or Council of Zanesville Township)

meeting on 5-9-05, Resolved to authorize Demi Rasenthal
(Date) (Name, Office) Highway Com

to act as its designated agent in the processing of this Stipulated Agreement and
that Zanesville Twp is financially willing and able to
(Township)

bear the cost for the proposed improvements as may be assigned to it according
to Section 6 of this Agreement.

**ILLINOIS COMMERCE COMMISSION
TRANSPORTATION DIVISION / RAIL SAFETY SECTION**

PROJECT STATUS REPORT

TYPE: (CHECK ONE)

PROGRESS	<input type="checkbox"/>
COMPLETION ¹	<input type="checkbox"/>

DATE	<input type="text"/>
------	----------------------

PROJECT INFORMATION:

Reporting Party:	Norfolk Southern Railway Company
Docket/Order #:	
Ordered Completion Date:	
Status Reports Due:	
Completion Report Due ¹ :	
AAR/DOT#, Milepost:	480 045E; MP 430.22-WA
Street, (in/near) City, County:	18 th Ave/TR 149, near Honey Bend, Montgomery County, IL
Railroad Company:	Norfolk Southern

¹ Railroad Companies must include an updated USDOT Inventory Form with their Completion Report.

PROJECT MANAGER INFORMATION²:

Name:	Bob Sharkey
Title:	Construction Engineer
Representing:	Norfolk Southern
Street Address:	99 Spring Street, Box 123
City, State, Zip:	Atlanta, Georgia 30303
Office Phone:	404-527-2887
Office Fax:	404-527-1174
Cellular Phone:	
E-Mail Address:	Robert.Sharkey@nscorp.com

²Project Manager information to be submitted by Zanesville Township and the Norfolk Southern Railway Company

DESCRIPTION OF IMPROVEMENTS to be ORDERED:

- Installation of automatic flashing light signals and gates with a bell, controlled by constant warning time circuitry, and equipped with an event recorder.
- Installation of temporary STOP signs at the subject crossing within 30 days of receipt of a Commission Order for the installation of new automatic warning devices.
- Reconstruction of the highway approaches.
- New advanced warning sign.

STATUS OF WORK: (use additional blank sheet, if necessary)

Mail directed to the **Rail Safety Section** or the **Director of Processing and Information**, Transportation Bureau of the Commission should be addressed to:

The Illinois Commerce Commission
527 East Capitol Avenue
Springfield, IL 62701-1827

If you have questions contact:

Dick Daniels, Railroad Safety Specialist
Phone: 217-785-8420
Email: rdaniels@icc.state.il.us

A **Form 3** can be obtained from the Illinois Commerce Commission by calling 217/782-7660 or on the web at:

<http://www.icc.state.il.us/hq/library.aspx?key=Railroad%20Safety>

United States Department of Transportation Inventory Form #6180.71 can be obtained on the web at:

<http://safetydata.fra.dot.gov/OfficeofSafety/Forms/Default.asp>

Submit Inventory forms to:

Federal Railroad Administration Office of Safety 1120 Vermont Avenue, NW Washington, DC 20590	<u>And</u>	Chief of Data Services Illinois Department of Transportation 2300 S. Dirksen Parkway Springfield, IL 62764
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**ILLINOIS COMMERCE COMMISSION
TRANSPORTATION DIVISION / RAIL SAFETY SECTION**

PROJECT STATUS REPORT

TYPE: (CHECK ONE)

PROGRESS	<input type="checkbox"/>
COMPLETION ¹	<input type="checkbox"/>

DATE	<input type="text"/>
------	----------------------

PROJECT INFORMATION:

Reporting Party:	Zanesville Township
Docket/Order #:	
Ordered Completion Date:	
Status Reports Due:	
Completion Report Due ¹ :	
AAR/DOT#, Milepost:	480 045E; MP 430.22-WA
Street, (in/near) City, County:	18 th Ave/TR 149, near Honey Bend, Montgomery County, IL
Railroad Company:	Norfolk Southern

¹ Railroad Companies must include an updated USDOT Inventory Form with their Completion Report.

PROJECT MANAGER INFORMATION²:

Name:	Amy McNeal
Title:	Montgomery County Engineer
Representing:	Zanesville Township
Street Address:	1215 Seymour Avenue, P.O. Box 70
City, State, Zip:	Hillsboro, Illinois 62049
Office Phone:	217-532-6109
Office Fax:	217-532-6642
Cellular Phone:	
E-Mail Address:	amymontgomeryco1@consolidated.com

²Project Manager information to be submitted by Rome Township and the Norfolk Southern Railway Company

DESCRIPTION OF IMPROVEMENTS to be ORDERED:

- Installation of automatic flashing light signals and gates with a bell, controlled by constant warning time circuitry, and equipped with an event recorder.
- Installation of temporary STOP signs at the subject crossing within 30 days of receipt of a Commission Order for the installation of new automatic warning devices.
- Reconstruction of the highway approaches.
- Installation of new advanced warning sign on east side of crossing.

STATUS OF WORK: (use additional blank sheet, if necessary)

Mail directed to the **Rail Safety Section** or the **Director of Processing and Information**, Transportation Bureau of the Commission should be addressed to:

The Illinois Commerce Commission
527 East Capitol Avenue
Springfield, IL 62701-1827

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