

**ORIGINAL**

**STATE OF ILLINOIS  
ILLINOIS COMMERCE COMMISSION  
STIPULATED AGREEMENT 1352**

T08-0163

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 City of Bloomington ("City"), and the State of Illinois, Department of Transportation ("Department" or "IDOT").

**WITNESSETH:**

WHEREAS, it has come to the attention of the Commission through staff evaluation that inquiry should be made into the matter of improving public safety at the 1800E Road highway-rail grade crossing of the Company's track in Bloomington, McLean County, Illinois, designated as crossing AAR/DOT #475 029K, railroad milepost 370.50-NL; and

WHEREAS, proper investigation has been made of the circumstances surrounding the subject 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 this Agreement; and

WHEREAS, the parties are mutually agreeable to accomplish proposed improvements to the crossing upon 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, 625 ILCS 5/18(c)-7401, 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 ("GCPF") of the Motor Fuel Tax Law ("MFT") 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 following improvements in the interest of public safety at the aforesaid crossing should be:

- (a) Installation of automatic flashing light signals and gates with a bell, controlled by constant warning time circuitry, and equipped with an event recorder and capable of remote monitoring system when available, by the Company.

**DOCKETED**

- (b) Installation of temporary STOP signs at the 1800E Road crossing within 30 days of a Commission Order for the installation of new automatic warning devices, by the Company.
- (c) Reconstruction of the existing south highway approach grade, to meet the minimum requirements of 92 Ill. Adm. Code 1535.204 (Exhibit C), by the City.

**Section 3** The Company has prepared a preliminary "detailed" cost estimate, as well as detailed drawings, circuit plans, and required specifications to accomplish the proposed safety improvements, which may be required by Commission Order. The cost estimate, drawings, circuit plans, and specifications are attached and incorporated herein by reference as Exhibit B.

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

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

**COST DIVISION TABLE**

IMPROVEMENT	EST. COST	GCPF	CITY	COMPANY	IDOT
Install Automatic Flashing Light Signals and Gates, controlled by CWT Circuitry	\$198,293	(95%) \$188,378 <sup>1</sup>	\$0	(5%) \$9,915 <sup>2</sup>	\$0
Install temporary STOP Signs, if ordered	No Estimate Required	0%	0%	100% <sup>2</sup>	0%
Reconstruct Existing South Highway Approach	No Estimate Required	0%	100% <sup>3</sup>	0%	0%
<b>TOTALS</b>	<b>\$198,293</b>	<b>\$188,378</b>	<b>\$---</b>	<b>\$9,915</b>	<b>\$---</b>

**Notes:**

<sup>1</sup> Total Grade Crossing Protection Fund (GCPF) assistance not to exceed \$188,378; any installation costs above the total estimated amount of \$198,293 will be divided in the same percentages noted above, upon submittal and review of evidence to support the additional cost and subject to approval by the Commission.

<sup>2</sup> Company responsible for all future operation and maintenance costs associated with the new automatic warning devices and temporary STOP signs.

<sup>3</sup> City responsible for all future maintenance costs associated with the south highway approach.

**Section 6** The City 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 incorporated herein by reference as Exhibit D. The City shall submit a certified copy of the Resolution at the same time as the Execution Page of this Agreement is submitted to the Commission.

**Section 7** Special Provisions: Since the south highway approach grade reconstruction at the crossing will be performed by the City or its contractor, flagging and contractor liability insurance may be required for said work.

The Company and the City shall each review the Project Manager Information portion of the Project Status Report sheets, attached as Exhibits E1 and E2, respectively. If any changes are required, the sheets are to be corrected and sent with this executed Agreement.

The Company and the City shall each, at six (6) month intervals from the date of the Commission Order approving this Agreement, submit to the Director of Processing and Information, Transportation Bureau of the Commission, a Project Status Report, attached as Exhibit E1 (Company) and Exhibit E2 (City) regarding the progress each has made toward completion of the work required by this Agreement. Each Project Status Report shall include the Commission Order's docket 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 City Project Manager.

All bills for work specified in Section 2 of this Agreement authorized for reimbursement from the Grade Crossing Protection Fund shall be submitted to the Fiscal Control Unit, Bureau of Local Roads and Streets, Illinois Department of Transportation, 2300 S. Dirksen Parkway, Springfield, IL 62764. The Department shall send a copy of all invoices to the Director of Processing and Information, Transportation Bureau of the Commission. All bills shall be submitted no later than twelve (12) months from the completion date specified in the Commission Order approving this Agreement. The final bill for expenditures from each party shall be clearly marked "Final Bill". The Department shall not obligate any assistance from the Grade Crossing Protection Fund for the cost of proposed improvements described in this Agreement without prior approval by the Commission. The Commission shall, at the end of the 12<sup>th</sup> month from the completion date specified in the Commission Order approving this Agreement, or any Supplemental Order(s) issued for this project, conduct a review to determine if any unused assistance from the Grade Crossing Protection Fund should be deobligated. Upon completion of the review, the Commission shall notify the Department to deobligate all residual funds accountable for installation costs for this project. Notification may be by regular mail, electronic mail, fax, or phone.

**SECTION 8** Billing: For all work specified in Section 2 of this Agreement, and authorized by an Order of the Commission, the Company shall assure that sufficient documentation for all bills is made available for review by the Department of the Department's representative. The minimum documentation that must be made available is outlined below:

- a) Labor Charges (including additives) - Copies of employee work hours charged to the project.
- b) Equipment Rental - Copies of rental agreements for the equipment used, including the rental rate; and the number of hours the equipment was used on the project.
- c) Material - An itemized list of all materials purchased and installed at the crossing location. If materials purchased are installed at multiple crossing locations, a notation must be made to identify the crossing location.
- d) Engineering - Copies of employee work hours charged to the project.
- e) Supervision - Copies of employee work hours charged to the project.
- f) Incidental Charges - An itemized list of all incidental charges along with a written explanation of those charges.
- g) Service Dates - Invoice shall include the beginning and ending date of the work accomplished for the invoice.
- h) Final or Progressive - Each invoice shall be marked as a Progressive or a Final Invoice.
- i) Reference Numbers - Each invoice shall include the AAR/DOT number, the ICC Order number and the state job number when federal funds are involved.
- j) Locations - Each invoice shall show the location, with the street name and AAR/DOT crossing inventory number.

Section 9 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 on their respective Execution Pages, attached hereto.

Executed by the Commission this 9<sup>th</sup> day of September 2008.

  
\_\_\_\_\_  
Michael E. Stead  
Rail Safety Program Administrator

Attest:  
  
\_\_\_\_\_  
Aaron T. Toliver  
Rail Safety Specialist

Illinois Commerce Commission Stipulated Agreement 1352, executed by Commission Staff on September 9, 2008, concerning improvements at the 1800E Road highway-rail grade crossing of the Norfolk Southern Railway Company's track in Bloomington, McLean County, Illinois, designated as crossing AAR/DOT #475 029K, railroad milepost 370.50-NL.

Executed by the Norfolk Southern Railway Company this 19th day of September 2008.

<sup>PM</sup> NORFOLK SOUTHERN RAILWAY COMPANY

By: M. J. Wheeler  
General Manager

Attest:

Marianne Mulvey  
Asst. Corporate Secretary

Illinois Commerce Commission Stipulated Agreement 1352, executed by Commission Staff on September 9, 2008, concerning Improvements at the 1800E Road highway-rail grade crossing of the Norfolk Southern Railway Company's track in Bloomington, McLean County, Illinois, designated as crossing AAR/DOT #475 029K, railroad milepost 370.50-NL.

Executed by the City of Bloomington this 1st day of October 2008.

CITY OF BLOOMINGTON

By: Styls SA

Attest:

Dacey Cab

Illinois Commerce Commission Stipulated Agreement 1352, executed by Commission Staff on September 9, 2008, concerning improvements at the 1800E Road highway-rail grade crossing of the Norfolk Southern Railway Company's track in Bloomington, McLean County, Illinois, designated as crossing AAR/DOT #475 029K, railroad milepost 370.50-NL.

Executed by the Illinois Department of Transportation this 17 day of November 2008.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

By:

  
Christine M. Reed, Director of Highways, Chief Engineer

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

**GENERAL INFORMATION:** See Location Sketch

<b>RAILROAD</b>	Norfolk Southern Railway Company
<b>USDOT#, MILEPOST</b>	475 029K, MP 307.50-NL
<b>STREET, CITY, COUNTY</b>	1800E Road in Bloomington, McLean County
<b>JURISDICTION (RDWY)</b>	City of Bloomington
<b>LOCATION</b>	Rural
<b>STREET SURFACE</b>	Chip seal, 20', fair condition

**CROSSING DATA:** Also see Location Sketch (Page 3) for roadway profile and trk. ctrs.

<b>TRACK (W-E or N-S)</b>	<b>SURFACE TYPE</b>	<b>SURFACE WIDTH</b>	<b>SURFACE CONDITION</b>
W-E	Rubber & Asphalt	24'	good

**ROADWAY DATA:** See Location Sketch

<b>INTERSECTING ROADS:</b>	1150N - 90' to the south
<b>TRAFFIC CONTROL</b>	None
<b>ADT &amp; SPEED</b>	275 ADT@55mph (unposted)
<b>TRAFFIC TYPE</b>	Passenger, possible all other
<b>ADVANCE WARNING</b>	Yes
<b>PAVEMENT MARKING</b>	None; chip seal surface

**RAILROAD DATA:** See Location Sketch

<b>FREIGHT TRAFFIC</b>	5/day @ 50 MPH, Day & Night
<b>PASSENGER TRAFFIC</b>	None
<b>WARNING DEVICES</b>	Crossbucks with YIELD signs

**NOTES:**

Area nearby (east side of Bloomington) is growing with residential subdivisions.

**VISIBILITY STUDY:** See Location Sketch

<b>Train Speed</b>	50	<b>MPH</b>
<b>Roadway Speed</b>	55	<b>MPH</b>
<b>Required Stopping Sight Distance (SSD)</b>		
<b>Along Roadway</b>	520	<b>FEET</b>
<b>Along Tracks</b>	540	<b>FEET</b>
<b>Required Clearing Sight Distance (CSD) (Along Tracks)</b>	1200	<b>FEET</b>

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

<b>QUADRANT</b>	<b>CSD (FT)</b>	<b>OBSTRUCTION</b>	<b>SSD (FT)</b>	<b>OBSTRUCTION</b>
<b>NE</b>	1000'	Curve/Hill	ok*	*75' if corn planted
<b>NW</b>	ok	None	ok	None
<b>SE</b>	ok	None	ok*	*400' if corn planted
<b>SW</b>	ok	None	ok	None

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

**APPROACH GRADES:** See Location Sketch

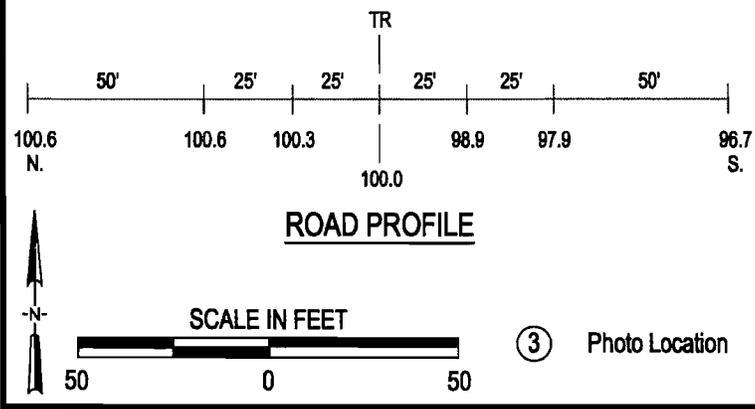
<b>DIRECTION/North</b>			<b>DIRECTION/South</b>		
<b>DISTANCE (FT)</b>	<b>ELEVATION (FT)</b>	<b>GRADE (%)</b>	<b>DISTANCE (FT)</b>	<b>ELEVATION (FT)</b>	<b>GRADE (%)</b>
25	100.3	1.2	25	98.9	4.4
50	100.6	1.2	50	97.9	4.0

Distance measured from outermost rail.

**COMMENTS:**

See Page 3 for a Location Sketch (Aerial Photo) of the crossing.

Staff recommends that the City pay 100% of the costs to improve the south highway approach to meet the minimum requirements of 92 Ill. Adm. Code 1535.204. The north highway approach requires no work. Staff recommends that the cost to improve the south highway approach be considered the City's contribution to the project.



Crossing #: 475029K  
 Location: Mclean Co., City of Bloomington (N)  
 Lat/Long: 40°27'04" / 88°55'23"  
 Railroad: NS  
 Street: 1800 E  
 Railroad Milepost: 370.50  
 Crossing Protection: Signs

③ Photo Location



**Detailed Estimate for Grade Crossing Warning Devices**

City/State: BLOOMINGTON, IL  
MilePost: SP-370.5  
State Proj. No.:  
S&E Proj. No.: 04.0163  
Man Days: 108

Road: TR-304  
DOT/AAR: 475029K  
County: MCLEAN  
AFE: F10960  
File Number:

<b>***Purchases - Others***</b>	
Meals and Lodging:	\$13,841.28
Rental of Equipment:	\$24,510.60
(2 Trucks, 1 Backhoe w/ Trailer and 1 Pipe-Pusher for 27 Days)	
Construction Supervision Vehicle:	\$1,960.85
Purchases - Other Total:	\$40,312.73
<b>***Material And Additives***</b>	
Material Cost:	\$75,774.00
Sales and Use Tax:	\$3,789.00
Material Handling Freight:	\$3,788.68
Material Total:	\$83,351.68
<b>***Labor And Additives***</b>	
Labor Cost:	\$28,836.00
(4 man crew at \$1,068.00 a day for: 27 days)	
Payroll Tax & Overheads:	\$28,446.71
Preliminary Engineering:	\$9,205.64
Construction Supervision:	\$8,140.40
Labor Total:	\$74,628.75
Project Cost:	\$198,293.16
Scrap / Salvage Credit:	\$0.00
<b>Project Total:</b>	<b>\$198,293.16</b>

Estimated on: 10-Sep-08

Estimated by: NBIJE

**Estimate valid for 1 year from date of estimate**







**Section 1535.204 Grade Line of Highway Approaches**

- a) Unless the Commission otherwise specifically orders, the grade line of highway approaches to grade crossings hereafter established or substantially reconstructed shall be as follows: From the outer rail of the outermost track coincident with a tangent to the tops of the rails for about 24 inches, thence for a distance of 25 feet ascending or descending at a grade which shall not deviate more than 1% from said tangent, thence to the right-of-way line (and as far beyond as the Commission's control may extend in any case) at a grade not to exceed 5%. Where super-elevated track or tracks make strict compliance with this Section impractical the grade of approaches shall be constructed so as to provide the best vertical alignment under the circumstances with due regard to surface regularity.
  
- b) The width, transverse contour, type of surface or pavement, and other characteristics of each such approach to a grade crossing shall be suitable for the highway and shall in every case conform to the requirements of good practice.

Exhibit D

ILLINOIS COMMERCE COMMISSION  
STIPULATED AGREEMENT 1362

Date October 21, 2008

The Bloomington City Council/Board meeting on September 22, 2008  
(Date)

Resolved to authorize

Todd Greenburg, Corporation Counsel  
(Name, Office)

to act as its designated agent in the processing of this Stipulated Agreement and that the City of Bloomington is financially willing and able to pay a portion of the cost for the proposed improvements as outlined in Section 2 of this Agreement.

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

**PROJECT STATUS REPORT:**

**TYPE:** (CHECK ONE)

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

DATE	11-24-08
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**PROJECT INFORMATION:**

Reporting Party:	Norfolk Southern Railway Company
Docket/Order #; Date:	T08-0163
Status Reports Due:	
Ordered Completion Date:	
Completion Report Due <sup>1</sup> :	
AAR/DOT#, Milepost:	475 029K, MP 370.50-NL
Street, (in/near) City, County:	1800E Road, Bloomington, McLean County, IL
Railroad Company:	Norfolk Southern

<sup>1</sup>Completion reports involving changes to the railroad crossing must include an updated USDOT Inventory Form.

**PROJECT MANAGER INFORMATION<sup>2</sup>:**

Name:	Dennis Keith
Title:	Production and Material Control
Representing:	Norfolk Southern
Street Address:	99 Spring Street, Box 123
City, State, Zip:	Atlanta, Georgia 30303
Office Phone:	404-529-1009
Office Fax:	404-527-1174
Cellular Phone:	
E-Mail Address:	dlkeith@nscorp.com

<sup>2</sup>Project Manager Information to be submitted by Norfolk Southern Railway Company and City of Bloomington.

**DESCRIPTION OF IMPROVEMENT(S) ORDERED:**

- Installation of automatic flashing light signals and gates with a bell, controlled by constant warning time circuitry, and equipped with an event recorder and capable of remote monitoring system when available, by the Company.
- Installation of temporary STOP signs at the 1800E Road crossing within 30 days of a Commission Order for the installation of new automatic warning devices, by the Company.

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

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

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

Illinois Commerce Commission  
527 E. Capitol Avenue  
Springfield, IL 62701-1827

If you have questions contact:

Aaron Toliver, Rail Safety Specialist  
Phone: (217) 785-8420  
Email: [atoliver@icc.illinois.gov](mailto:atoliver@icc.illinois.gov)

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

<http://www.icc.illinois.gov/forms/results.aspx?st=4>

The billing address for **Grade Crossing Protection Fund** reimbursement is:

**SIGNAL WORK**

Illinois Department of Transportation  
Fiscal Control Unit  
Bureau of Local Roads and Streets  
2300 S. Dirksen Parkway  
Springfield, IL 62764

**APPROACH/BRIDGE WORK**

IDOT, District ##  
Address

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

<http://www.fra.dot.gov/us/content/801>

Submit Inventory forms to:

Federal Railroad Administration Office of Safety, MS25 1200 New Jersey Avenue SE Washington, DC 20590-0001	<b><u>And</u></b>	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	<input type="checkbox"/>

DATE	11-24-08
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**PROJECT INFORMATION:**

Reporting Party:	City of Bloomington
Docket/Order #; Date:	TOB-0163
Status Reports Due:	
Ordered Completion Date:	
Completion Report Due <sup>1</sup> :	
AAR/DOT#, Milepost:	475 029K, MP 370.50-NL
Street, (in/near) City, County:	1800E Road, Bloomington, McLean County, IL
Railroad Company:	Norfolk Southern

<sup>1</sup>Completion reports involving changes to the railroad crossing must include an updated USDOT Inventory Form.

**PROJECT MANAGER INFORMATION<sup>2</sup>:**

Name:	Mr. Doug Grovesteen
Title:	Engineering Director
Representing:	City of Bloomington
Street Address:	109 East Olive Street
City, State, Zip:	Bloomington, IL 61701
Office Phone:	309-714-2576
Office Fax:	
Cellular Phone:	
E-Mail Address:	engineer@cityblm.org

<sup>2</sup>Project Manager Information to be submitted by Norfolk Southern Railway Company and City of Bloomington.

**DESCRIPTION OF IMPROVEMENT(S) ORDERED:**

- Reconstruction of the existing south highway approach grade, to meet the minimum requirements of 92 Ill. Adm. Code 1535.204, by the City.

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

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TRANSPORTATION DIVISION / RAIL SAFETY SECTION**

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