

**ORIGINAL**

**STATE OF ILLINOIS  
ILLINOIS COMMERCE COMMISSION  
STIPULATED AGREEMENT 1502**

T10-0086

This Agreement made and entered into, by and between the State of Illinois acting by and through the Illinois Commerce Commission ("Commission"), BNSF Railway Company ("Company"), the City of East Moline ("City") and the State of Illinois, Department of Transportation ("Department" or "IDOT").

**WITNESSETH:**

WHEREAS, it has come to the attention of the Commission through application that inquiry should be made into the matter of improving public safety at 17<sup>th</sup> Avenue (**AAR/DOT #069 590T; railroad milepost 245.20-LS7**), 13<sup>th</sup> Avenue (**AAR/DOT #069 591A; railroad milepost 245.48-LS7**), 10<sup>th</sup> Avenue (**AAR/DOT #069 593N; railroad milepost 245.79-LS7**), and 10<sup>th</sup> Avenue (**AAR/DOT #372 548B; railroad milepost 0.29-LS6**) highway-rail grade crossings of the BNSF Railway Company's track, located in E. Moline, Rock Island County; and

WHEREAS, proper investigation has been made of the circumstances surrounding the subject crossings 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 volumes, and sight distances and other pertinent data relating to the crossings has been obtained and shown on Exhibits A, A1, A2 and A3, attached to this Agreement; and

WHEREAS, the parties are mutually agreeable to accomplish proposed improvements to the crossings 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 crossings should be:

**DOCKETED**

- (a) Installation of automatic flashing light signals and gates with a bell, controlled by constant warning time circuitry, at the 17<sup>th</sup> Avenue, 13<sup>th</sup> Avenue, 10<sup>th</sup> Avenue and 10<sup>th</sup> Avenue grade crossings, by the Company.
- (b) Installation of Advance Warning signs on the south highway approaches to the 17<sup>th</sup> and 13<sup>th</sup> Avenue, and both highway approaches to the 10<sup>th</sup> Avenue highway-rail grade crossings as required by 92 Ill. Adm. Code 1535.310, by the City.

**Section 3** The Company has prepared detailed drawings, circuit plans, required specifications and preliminary cost estimates to accomplish the proposed safety improvements, which may be required by Commission Order. The drawings, circuit plans, specifications, and cost estimates are attached and incorporated herein by reference as Exhibits B, B1 B2 and B3.

**Section 4** The Company 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 approving this Agreement.

The City shall upon Order, according to the requirements contained therein, proceed toward the completion of the posting of the advance warning signs, and agrees that an appropriate time for the completion of the proposed improvements should be one (1) month from the date of the 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 -**

<b>IMPROVEMENT</b>	<b>EST. COST</b>	<b>GCPF</b>	<b>CITY</b>	<b>COMPANY</b>
Install Automatic Flashing Light Signals and Gates, controlled by CWT Circuitry at the 17 <sup>th</sup> , 13 <sup>th</sup> , 10 <sup>th</sup> , and 10 <sup>th</sup> Avenue crossings.	\$935,474	90% \$841,927 <sup>1</sup>	\$0	10% \$93,547 <sup>2</sup>
Install Advance Warning Signs at 17 <sup>th</sup> , 13 <sup>th</sup> and 10 <sup>th</sup> Avenue Crossings.	No Estimate Required	\$0	100% <sup>3</sup>	\$0
<b>TOTALS</b>	<b>\$935,474</b>	<b>\$841,927</b>	<b>\$0</b>	<b>\$93,547</b>

**Notes:**

<sup>1</sup> Total Grade Crossing Protection Fund (GCPF) assistance for the installation of automatic warning devices at the 17<sup>th</sup>, 13<sup>th</sup>, 10<sup>th</sup> and 10<sup>th</sup> Avenue crossings not to exceed \$841,927; any installation costs above the estimated amount of \$935,474 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 subject to approval by the Commission.

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

<sup>3</sup> City responsible for all future maintenance costs associated with the Advance Warning Signs.

Section 6 The City is not required to pay any portion of the cost for the proposed installation of automatic warning devices.

Section 7 Special Provisions: Since the warning device improvements at the subject crossings will be performed by railroad crews, no railroad flagging or contractor liability insurance will be required for said work.

The Company shall complete and submit the Project Manager Information portion of the Project Status Report sheet, attached as Exhibits C, along with this executed Agreement.

The Company shall, 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 Exhibits C, regarding the progress it 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 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, notify the Department to de-obligate all residual funds accountable 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 railroad and/or highway account code for the project.
- b) Equipment Rental - Copies of rental agreements for the equipment used, including the rental rate; number of hours the equipment was used and the railroad and/or highway account code for 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 railroad and/or highway account code for the project.
- e) Supervision - Copies of employee work hours charged to the railroad and/or highway account code for 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.

Reimbursement of labor additives will be limited to only the most current direct labor additives, small tools additives, equipment additive rate, if so developed, and public liability/property damage liability insurance rates as audited and approved by a cognizant State agency and the Federal Highway Administration. Indirect overhead or general and administrative expenses, or those expenses which may be classified as such under generally accepted accounting principles, are not eligible for reimbursement on this project.

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 13<sup>th</sup> day of April 2010.



Michael E. Stead  
Rail Safety Program Administrator

Attest:



John Saladino  
Rail Safety Specialist

Illinois Commerce Commission Stipulated Agreement 1502, executed by Commission Staff on April 13, 2010, concerning improvements at the 17<sup>th</sup> Avenue (AAR/DOT #069 590T; railroad milepost 245.20-LS7), 13<sup>th</sup> Avenue (AAR/DOT #069 591A; railroad milepost 245.48-LS7), , 10<sup>th</sup> Avenue (AAR/DOT #069 593N; railroad milepost 245.79-LS7), and 10<sup>th</sup> Avenue (AAR/DOT #372 548B; railroad milepost 0.29-LS6) highway-rail grade crossings of BNSF Railway Company's track, located in E. Moline, Rock Island County.

Executed by the City of East Moline this 19<sup>th</sup> day of April 2010.

CITY OF EAST MOLINE

By: \_\_\_\_\_



Attest:

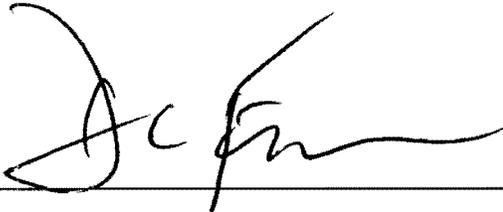
Julietta D. Halmer

Illinois Commerce Commission Stipulated Agreement 1502, executed by Commission Staff on April 13, 2010, concerning improvements at the 17<sup>th</sup> Avenue (AAR/DOT #069 590T; railroad milepost 245.20-LS7), 13<sup>th</sup> Avenue (AAR/DOT #069 591A; railroad milepost 245.48-LS7), , 10<sup>th</sup> Avenue (AAR/DOT #069 593N; railroad milepost 245.79-LS7), and 10<sup>th</sup> Avenue (AAR/DOT #372 548B; railroad milepost 0.29-LS6) highway-rail grade crossings of BNSF Railway Company's track, located in E. Moline, Rock Island County.

Executed by BNSF Railway Company this 29<sup>th</sup> day of April 2010.

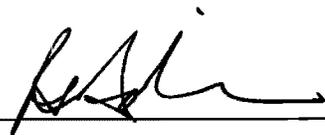
BNSF RAILWAY COMPANY

By:



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Attest:



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**Asst. Vice President Engineering Services**

Illinois Commerce Commission Stipulated Agreement 1502, executed by Commission Staff on April 13, 2010, concerning improvements at the 17<sup>th</sup> Avenue (AAR/DOT #069 590T; railroad milepost 245.20-LS7), 13<sup>th</sup> Avenue (AAR/DOT #069 591A; railroad milepost 245.48-LS7), , 10<sup>th</sup> Avenue (AAR/DOT #069 593N; railroad milepost 245.79-LS7), and 10<sup>th</sup> Avenue (AAR/DOT #372 548B; railroad milepost 0.29-LS6) highway-rail grade crossings of BNSF Railway Company's track, located in E. Moline, Rock Island County.

Executed by the Illinois Department of Transportation this 17<sup>TH</sup> day of  
MAY 2010.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

By: Christine M. Reed  
Christine M. Reed, Director of Highways / Chief Engineer

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

**GENERAL INFORMATION:** See Location Sketch

<b>RAILROAD</b>	BNSF Railway Company
<b>USDOT#, MILEPOST</b>	069 590T, 245.20-LS7
<b>STREET, CITY, COUNTY</b>	17 <sup>th</sup> St., in E. Moline, Rock Island
<b>JURISDICTION (RDWY)</b>	City of E. Moline
<b>LOCATION</b>	Urban, Residential
<b>STREET SURFACE</b>	33' Concrete; Fair Condition

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

<b>TRACK (E-W)</b>	<b>SURFACE TYPE</b>	<b>SURFACE WIDTH</b>	<b>SURFACE CONDITION</b>
Main	FDT/Conc./FDT	8'+32'+8'	Good

**ROADWAY DATA:** See Location Sketch

<b>INTERSECTING ROADS:</b>	11 <sup>th</sup> & 13 <sup>th</sup> Ave. @50' North
<b>TRAFFIC CONTROL</b>	STOP signs on 11 <sup>th</sup> & 13 <sup>th</sup> Ave.
<b>ADT &amp; SPEED</b>	1150 Vehicles Per Day @ 30 MPH unposted
<b>TRAFFIC TYPE</b>	Passenger, School Buses, Hazardous Materials, Other
<b>ADVANCE WARNING</b>	Yes-North, No-South
<b>PAVEMENT MARKING</b>	No

**RAILROAD DATA:** See Location Sketch

<b>FREIGHT TRAFFIC</b>	2 Per day @ 20 MPH, Day & Night?	Yes
<b>PASSENGER TRAFFIC</b>	None	
<b>WARNING DEVICES</b>	AFLS	

**NOTES:**

**VISIBILITY STUDY:** See Location Sketch

<b>Train Speed</b>	20	<b>MPH</b>
<b>Roadway Speed</b>	30	<b>MPH</b>
<b>Required Stopping Sight Distance (SSD)</b>		
<b>Along Roadway</b>	220	<b>FEET</b>
<b>Along Tracks</b>	198	<b>FEET</b>
<b>Required Clearing Sight Distance (CSD) (Along Tracks)</b>	480	<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>	*	OK	*	House
<b>NW</b>	*	OK	*	"
<b>SE</b>	*	OK	*	"
<b>SW</b>	*	OK	*	"

\*Note: The installation of automatic flashing light signals and gates eliminate the need to satisfy minimum Sight Distance criteria.

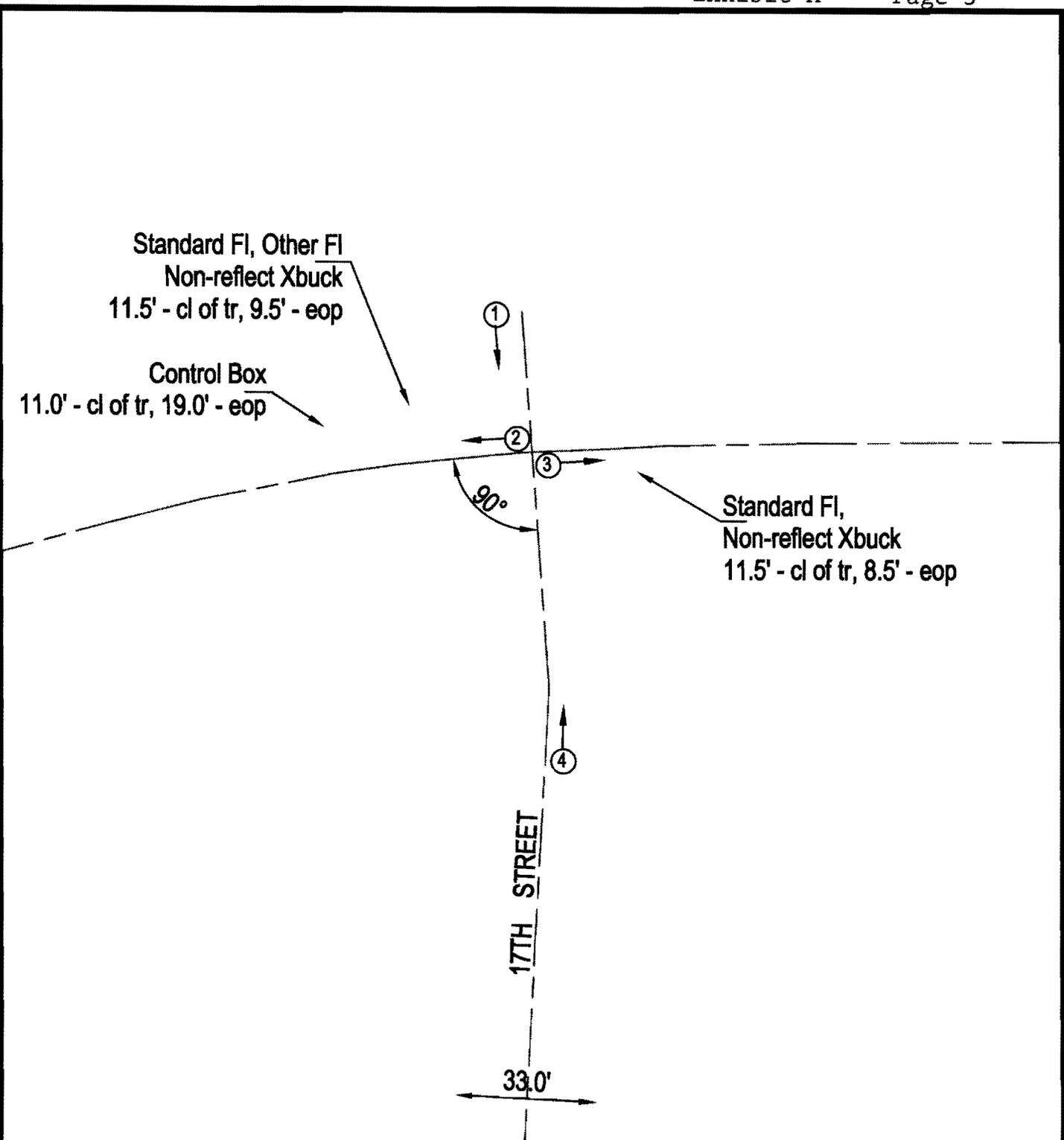
**APPROACH GRADES:** See Location Sketch

<b>DIRECTION: EAST/NORTH</b>			<b>DIRECTION: WEST/SOUTH</b>		
<b>DISTANCE (FT)</b>	<b>ELEVATION (FT)</b>	<b>GRADE (%)</b>	<b>DISTANCE (FT)</b>	<b>ELEVATION (FT)</b>	<b>GRADE (%)</b>
See	Exhibit	A	Page	3	

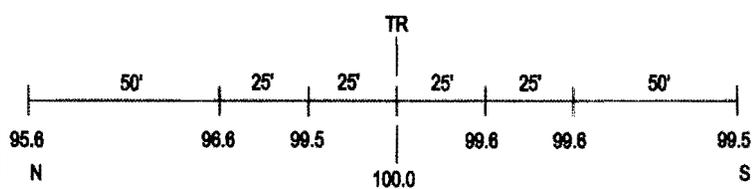
Distance measured from outermost rail.

**COMMENTS:** See Page 3 for an Aerial View (Location Sketch) of the crossing.

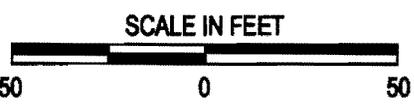
Since this crossing is part of a multi-crossing "corridor" project, Staff of the Rail Safety Section recommends that the Grade Crossing Protection Fund (GCPF) be used to pay 90% of the costs to install automatic flashing light signals and gates, and the BNSF Railway Company pay the remaining installation costs, as well as all future operating and maintenance costs.



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ROAD PROFILE



③ Photo Location

Crossing #:	069590T
Location:	Rock Island Co., City of East Moline (In)
Lat/Long:	41°31'12" / 90°25'42"
Railroad:	BNSF
Street:	17th Street
Railroad Milepost:	245.20
Crossing Protection:	Train Activated Devices

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

**GENERAL INFORMATION:** See Location Sketch

<b>RAILROAD</b>	BNSF Railway Company
<b>USDOT#, MILEPOST</b>	069 591A, 245.48-LS7
<b>STREET, CITY, COUNTY</b>	13 <sup>th</sup> St., in E. Moline, Rock Island
<b>JURISDICTION (RDWY)</b>	City of E. Moline
<b>LOCATION</b>	Urban, Commercial
<b>STREET SURFACE</b>	38' Asphalt; Fair Condition

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

<b>TRACK (E-W)</b>	<b>SURFACE TYPE</b>	<b>SURFACE WIDTH</b>	<b>SURFACE CONDITION</b>
Main	Rubber/Conc./Rubber	6'+48'+6'	Good

**ROADWAY DATA:** See Location Sketch

<b>INTERSECTING ROADS:</b>	13 <sup>th</sup> Ave. @500' North
<b>TRAFFIC CONTROL</b>	Traffic Signals at 13 <sup>th</sup> Ave.
<b>ADT &amp; SPEED</b>	5500 Vehicles Per Day @ 30 MPH unposted
<b>TRAFFIC TYPE</b>	Passenger, School Buses, Hazardous Materials, Other
<b>ADVANCE WARNING</b>	Yes-North, No-South
<b>PAVEMENT MARKING</b>	No

**RAILROAD DATA:** See Location Sketch

<b>FREIGHT TRAFFIC</b>	2 Per day @ 20 MPH, Day & Night?	Yes
<b>PASSENGER TRAFFIC</b>	None	
<b>WARNING DEVICES</b>	AFLS	

**NOTES:**

**VISIBILITY STUDY:** See Location Sketch

<b>Train Speed</b>	20	<b>MPH</b>
<b>Roadway Speed</b>	30	<b>MPH</b>
<b>Required Stopping Sight Distance (SSD)</b>		
<b>Along Roadway</b>	220	<b>FEET</b>
<b>Along Tracks</b>	198	<b>FEET</b>
<b>Required Clearing Sight Distance (CSD) (Along Tracks)</b>	480	<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>	*	OK	*	Building
<b>NW</b>	*	OK	*	"
<b>SE</b>	*	OK	*	"
<b>SW</b>	*	OK	*	"

\*Note: The installation of automatic flashing light signals and gates eliminate the need to satisfy minimum Sight Distance criteria.

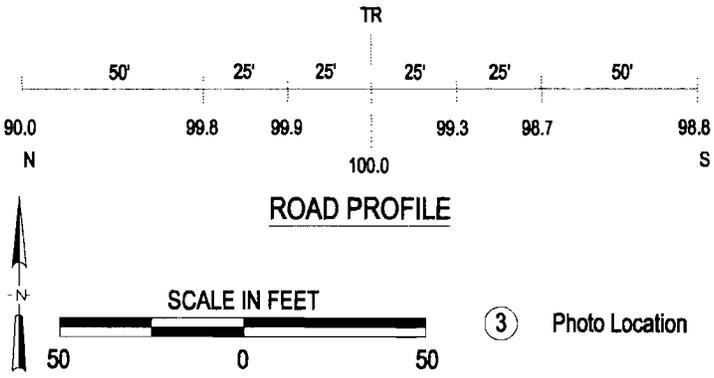
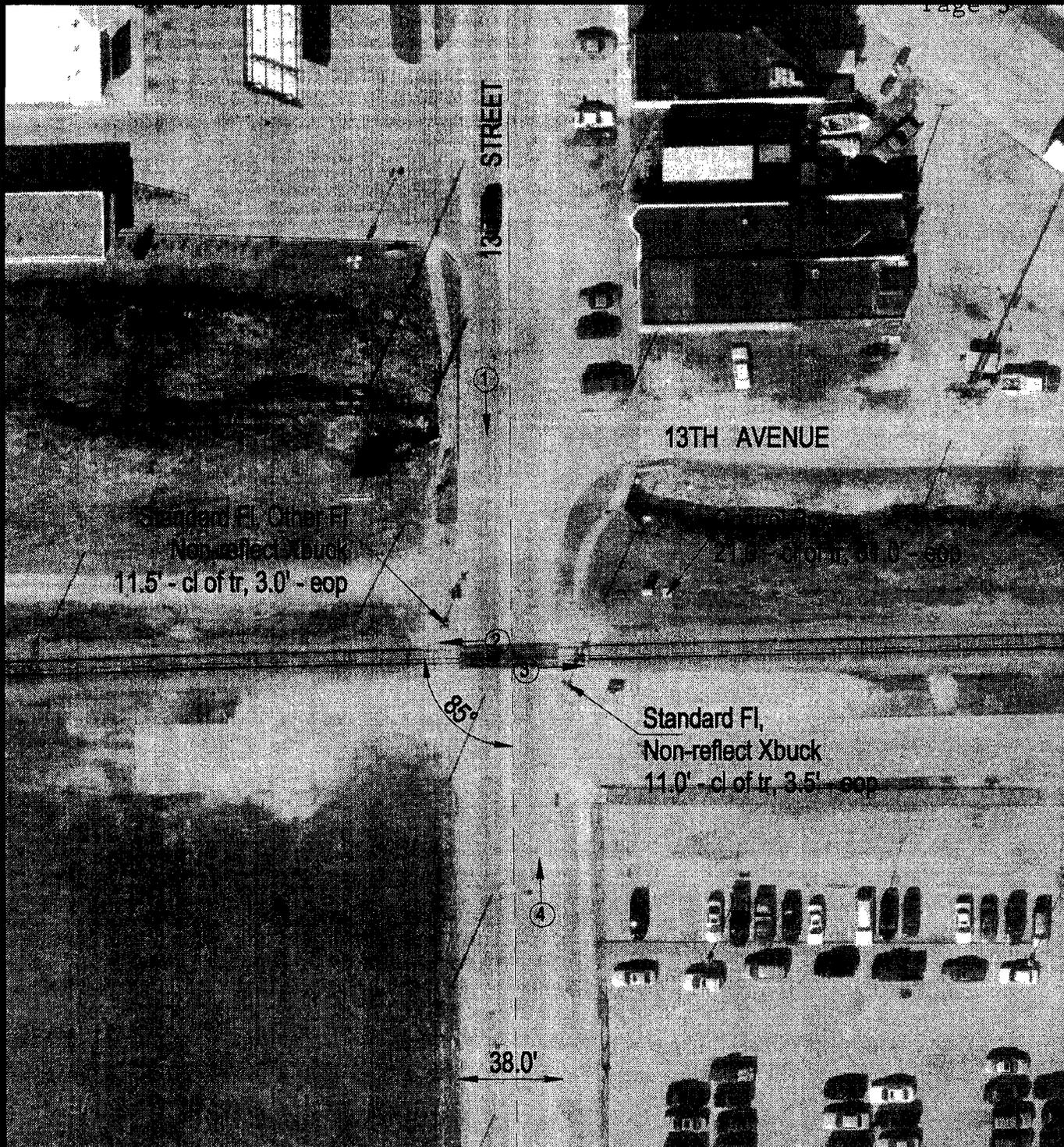
**APPROACH GRADES:** See Location Sketch

<b>DIRECTION: EAST/NORTH</b>			<b>DIRECTION: WEST/SOUTH</b>		
<b>DISTANCE (FT)</b>	<b>ELEVATION (FT)</b>	<b>GRADE (%)</b>	<b>DISTANCE (FT)</b>	<b>ELEVATION (FT)</b>	<b>GRADE (%)</b>
See	Exhibit	A	Page	3	

Distance measured from outermost rail.

**COMMENTS:** See Page 3 for an Aerial View (Location Sketch) of the crossing.

Since this crossing is part of a multi-crossing "corridor" project, Staff of the Rail Safety Section recommends that the Grade Crossing Protection Fund (GCPF) be used to pay 90% of the costs to install automatic flashing light signals and gates, and the BNSF Railway Company pay the remaining installation costs, as well as all future operating and maintenance costs.



Crossing #: 069591A  
 Location: Rock Island Co., City of East Moline (In)  
 Lat/Long: 41°31'11" / 90°26'02"  
 Railroad: BNSF  
 Street: 13th Street  
 Railroad Milepost: 245.48  
 Crossing Protection: Train Activated Devices

J:\ROCKISLAND\069591A\069591A.DWG 03/07/01 09:27 JLA

 Photo Location

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

**GENERAL INFORMATION:** See Location Sketch

<b>RAILROAD</b>	BNSF Railway Company
<b>USDOT#, MILEPOST</b>	069 593N, 245.79-LS7
<b>STREET, CITY, COUNTY</b>	10 <sup>th</sup> St., in E. Moline, Rock Island
<b>JURISDICTION (RDWY)</b>	City of E. Moline
<b>LOCATION</b>	Urban, Commercial
<b>STREET SURFACE</b>	30' Concrete/Asphalt; Fair Condition

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

<b>TRACK (E-W)</b>	<b>SURFACE TYPE</b>	<b>SURFACE WIDTH</b>	<b>SURFACE CONDITION</b>
Main	Concrete	32'	Good

**ROADWAY DATA:** See Location Sketch

<b>INTERSECTING ROADS:</b>	13 <sup>th</sup> Ave. @200' North
<b>TRAFFIC CONTROL</b>	Yield Sign at 13 <sup>th</sup> Ave.
<b>ADT &amp; SPEED</b>	1100 Vehicles Per Day @ 30 MPH unposted
<b>TRAFFIC TYPE</b>	Passenger, School Buses, Hazardous Materials, Other
<b>ADVANCE WARNING</b>	No
<b>PAVEMENT MARKING</b>	No

**RAILROAD DATA:** See Location Sketch

<b>FREIGHT TRAFFIC</b>	2 Per day @ 20 MPH, Day & Night?	Yes
<b>PASSENGER TRAFFIC</b>	None	
<b>WARNING DEVICES</b>	AFLS	

**NOTES:**

**VISIBILITY STUDY:** See Location Sketch

<b>Train Speed</b>	20	<b>MPH</b>
<b>Roadway Speed</b>	30	<b>MPH</b>
<b>Required Stopping Sight Distance (SSD)</b>		
<b>Along Roadway</b>	220	<b>FEET</b>
<b>Along Tracks</b>	198	<b>FEET</b>
<b>Required Clearing Sight Distance (CSD) (Along Tracks)</b>	480	<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>SE</b>	*	OK	*	Building
<b>NW</b>	*	OK	*	OK
<b>SW</b>	*	OK	*	Building
<b>NE</b>	*	OK	*	OK

\*Note: The installation of automatic flashing light signals and gates eliminate the need to satisfy minimum Sight Distance criteria.

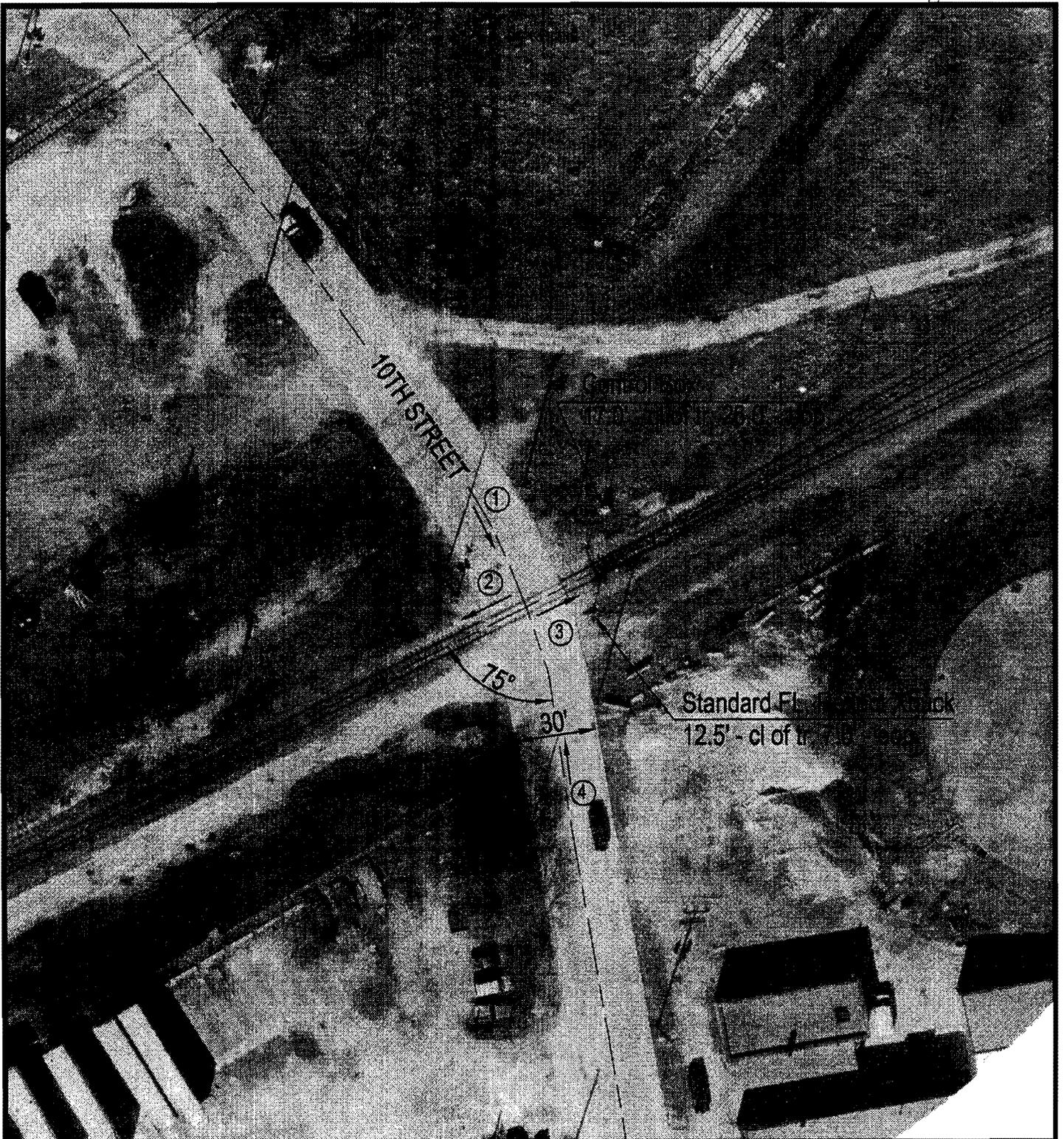
**APPROACH GRADES:** See Location Sketch

<b>DIRECTION: EAST/NORTH</b>			<b>DIRECTION: WEST/SOUTH</b>		
<b>DISTANCE (FT)</b>	<b>ELEVATION (FT)</b>	<b>GRADE (%)</b>	<b>DISTANCE (FT)</b>	<b>ELEVATION (FT)</b>	<b>GRADE (%)</b>
See	Exhibit	A	Page	3	

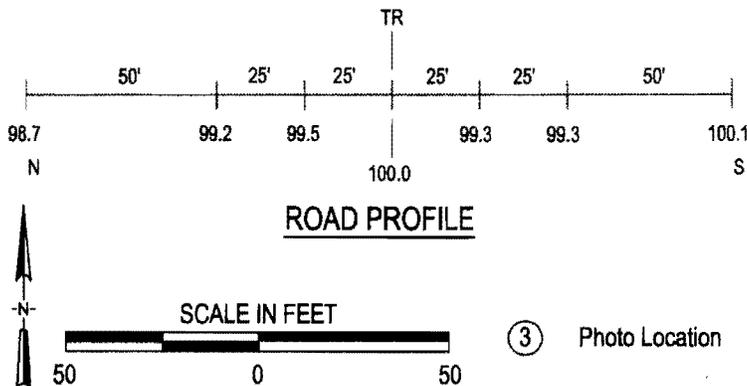
Distance measured from outermost rail.

**COMMENTS:** See Page 3 for an Aerial View (Location Sketch) of the crossing.

Since this crossing is part of a multi-crossing “corridor” project, Staff of the Rail Safety Section recommends that the Grade Crossing Protection Fund (GCPF) be used to pay 90% of the costs to install automatic flashing light signals and gates, and the BNSF Railway Company pay the remaining installation costs, as well as all future operating and maintenance costs.



4 | 1/20/2015 14:04 PM | 069593N | 069593W | 07/12/00 14:04 PM



Crossing #: 069593N  
 Location: Rock Island Co., City of East Moline (In)  
 Lat/Long: 41°31'06" / 90°26'22"  
 Railroad: BNSF  
 Street: 10th Street  
 Railroad Milepost: 245.79  
 Crossing Protection: Train Activated Devices

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

**GENERAL INFORMATION:** See Location Sketch

<b>RAILROAD</b>	BNSF Railway Company
<b>USDOT#, MILEPOST</b>	372 548B, 0.29-LS6
<b>STREET, CITY, COUNTY</b>	10 <sup>th</sup> St., in E. Moline, Rock Island
<b>JURISDICTION (RDWY)</b>	City of E. Moline
<b>LOCATION</b>	Urban, Commercial
<b>STREET SURFACE</b>	30' Asphalt; Fair Condition

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

<b>TRACK (E-W)</b>	<b>SURFACE TYPE</b>	<b>SURFACE WIDTH</b>	<b>SURFACE CONDITION</b>
Main	Concrete	32'	Good

**ROADWAY DATA:** See Location Sketch

<b>INTERSECTING ROADS:</b>	13 <sup>th</sup> Ave. @ 50' North
<b>TRAFFIC CONTROL</b>	Yield Sign at 13 <sup>th</sup> Ave.
<b>ADT &amp; SPEED</b>	1100 Vehicles Per Day @ 30 MPH unposted
<b>TRAFFIC TYPE</b>	Passenger, School Buses, Hazardous Materials, Other
<b>ADVANCE WARNING</b>	No
<b>PAVEMENT MARKING</b>	No

**RAILROAD DATA:** See Location Sketch

<b>FREIGHT TRAFFIC</b>	12 Per day @ 10 MPH, Day & Night?	Yes
<b>PASSENGER TRAFFIC</b>	None	
<b>WARNING DEVICES</b>	AFLS	

**NOTES:**

**VISIBILITY STUDY:** See Location Sketch

<b>Train Speed</b>	10	<b>MPH</b>
<b>Roadway Speed</b>	30	<b>MPH</b>
<b>Required Stopping Sight Distance (SSD)</b>		
<b>Along Roadway</b>	220	<b>FEET</b>
<b>Along Tracks</b>	99	<b>FEET</b>
<b>Required Clearing Sight Distance (CSD) (Along Tracks)</b>	240	<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>SE</b>	*	OK	*	OK
<b>NW</b>	*	OK	*	OK
<b>SW</b>	*	OK	*	OK
<b>NE</b>	*	OK	*	OK

\*Note: The installation of automatic flashing light signals and gates eliminate the need to satisfy minimum Sight Distance criteria.

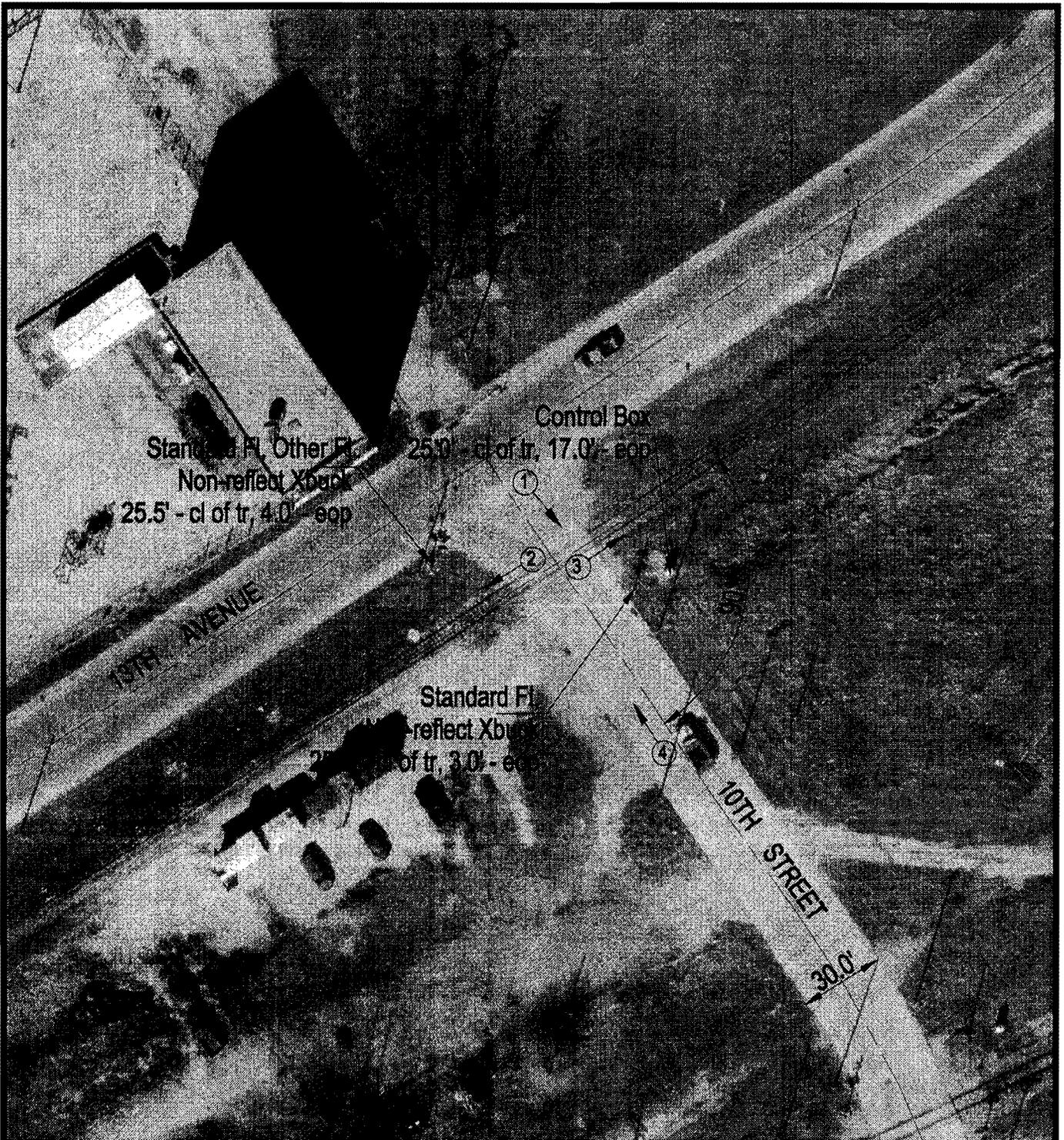
**APPROACH GRADES:** See Location Sketch

<b>DIRECTION: EAST/NORTH</b>			<b>DIRECTION: WEST/SOUTH</b>		
<b>DISTANCE (FT)</b>	<b>ELEVATION (FT)</b>	<b>GRADE (%)</b>	<b>DISTANCE (FT)</b>	<b>ELEVATION (FT)</b>	<b>GRADE (%)</b>
See	Exhibit	A	Page	3	

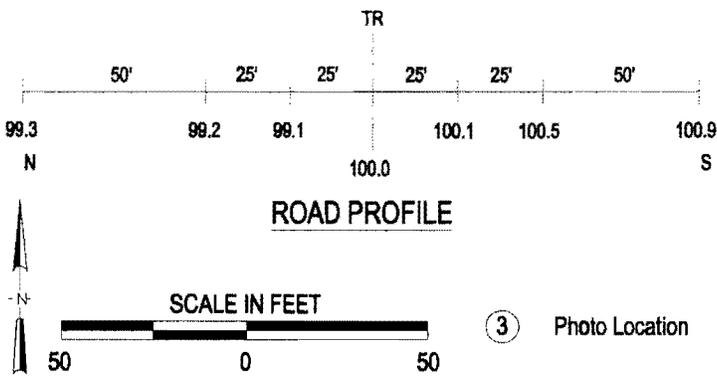
Distance measured from outermost rail.

**COMMENTS:** See Page 3 for an Aerial View (Location Sketch) of the crossing.

Since this crossing is part of a multi-crossing "corridor" project, Staff of the Rail Safety Section recommends that the Grade Crossing Protection Fund (GCPF) be used to pay 90% of the costs to install automatic flashing light signals and gates, and the BNSF Railway Company pay the remaining installation costs, as well as all future operating and maintenance costs.



J:\ROCKISLAND\372548B\372548B.DWG 03/07/01 12:03 JJA



Crossing #: 372548B  
 Location: Rock Island Co., City of East Moline (In)  
 Lat/Long: 41°31'08" / 90°26'23"  
 Railroad: BNSF  
 Street: 10th Street  
 Railroad Milepost: 51.71  
 Crossing Protection: Train Activated Devices



\*\*\*\*\*

AC POWER SERVICE	1.0 EA	5,000	
CONTRACT ENGR.	1.0 EA N	8,000	
SURFACE ROCK	25.0 CY N	625	
		<hr/>	
TOTAL OTHER ITEMS COST		13,625	13,625
			<hr/>
PROJECT SUBTOTAL			191,397
CONTINGENCIES			19,139
BILL PREPARATION FEE			2,106
			<hr/>
GROSS PROJECT COST			212,642
LESS COST PAID BY BNSF			10,632
			<hr/>
TOTAL BILLABLE COST			202,010

BNSF RAILWAY COMPANY

TO ROCK ISLAND

TO BARSTOW

EASTWARD APPR. 1027'  
20 MPH

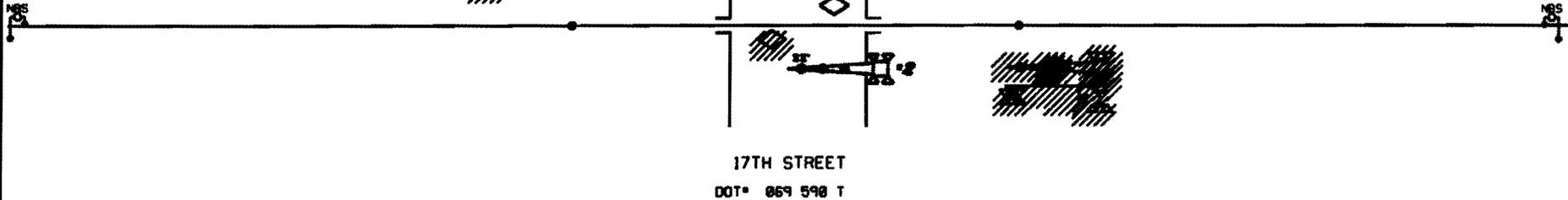
120' MIN.

WESTWARD APPR. 1027'  
20 MPH

50' MIN.

24'

50' MIN.



INSTALL: FLASHERS WITH GATES  
CONTROL DEVICES: CONSTANT WARNING

**BOLD - IN**

**////** - OUT

SALVAGE: NONE



-  INSTRUMENT HOUSE
-  BELL
-  METER
-  CROSSING CONTROL CONNECTIONS
-  BIDIRECTIONAL CROSSING CONTROL
-  UNIDIRECTIONAL CROSSING CONTROL
-  COUPLER OR TERMINATION
-  GUARD RAIL

Warning device placement:

Clearance to C.L. Track = Min. 12'  
Edge of Road to C.L. Foundations:

Min. 4'3" with curb.  
Min. 8'3" without curb.  
Max. 12'

House Clearance:

25' Min. to Near Rail  
30' Min. to Edge of Road  
ALL LIGHTS TO BE LED

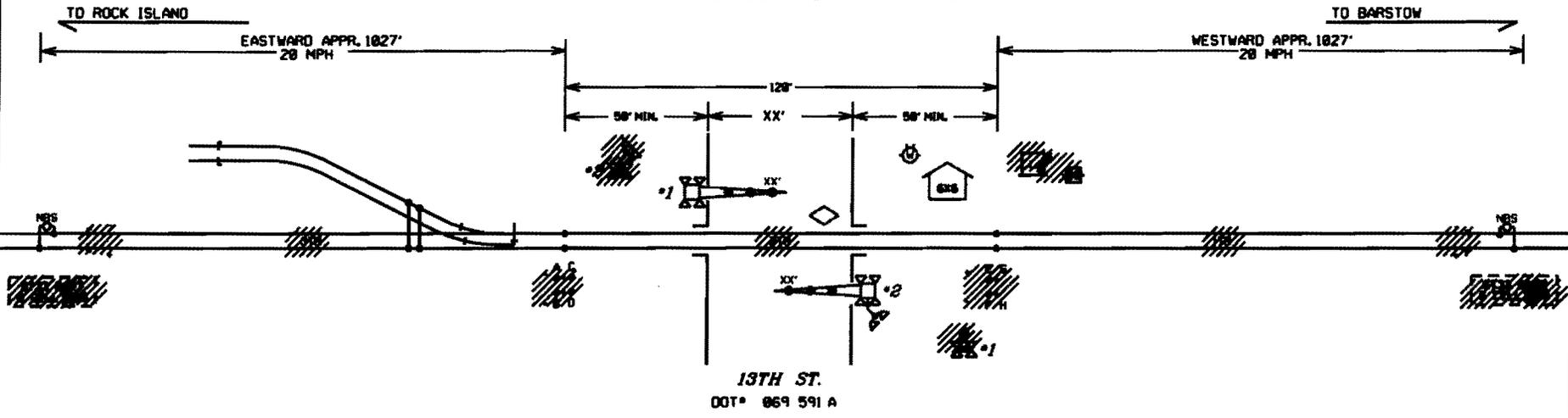
**BNSF RAILWAY CO.**

LOCATION: E. MOLINE, IL.  
STREET: 17TH STREET.  
LS: 0007  
M.P. 245.20  
DOT # 069 590 T  
DIVISION: CHICAGO  
SUBDIVISION: BARSTOW  
KANSAS CITY  
NO SCALE  
DATE: 02/02/2010  
FILE: 0006245 20.dgn  
DDF/DDF



TOTAL MATERIAL COST		<u>105,651</u>	105,651
*****			
OTHER			
*****			
AC POWER SERVICE	1.0 EA	5,000	
CONTRACT ENGR.	1.0 EA N	8,000	
SURFACE ROCK	25.0 CY N	<u>625</u>	
TOTAL OTHER ITEMS COST		13,625	<u>13,625</u>
PROJECT SUBTOTAL			215,798
CONTINGENCIES			21,579
BILL PREPARATION FEE			<u>2,374</u>
GROSS PROJECT COST			239,751
LESS COST PAID BY BNSF			<u>11,988</u>
TOTAL BILLABLE COST			<u>227,763</u>

BNSF RAILWAY COMPANY



INSTALL: L.E.D. FLASHERS & GATES  
CONTROL DEVICES: MOTION DETECTION

**BOLD - IN**

**|||||** - OUT

SALVAGE: NONE

- INSTRUMENT HOUSE
- BELL
- METER
- CROSSING CONTROL CONNECTIONS
- BIDIRECTIONAL CROSSING CONTROL
- UNIDIRECTIONAL CROSSING CONTROL
- COUPLER OR TERMINATION
- GUARD RAIL

Warning device placement:

Clearance to C.L. Track = Min. 12'  
Edge of Road to C.L. Foundation:

Min. 4'3" with curb.  
Min. 8'3" without curb.  
Max. 12'

House Clearance:

25' Min. to Near Rail  
30' Min. to Edge of Road  
ALL LIGHTS TO BE LED

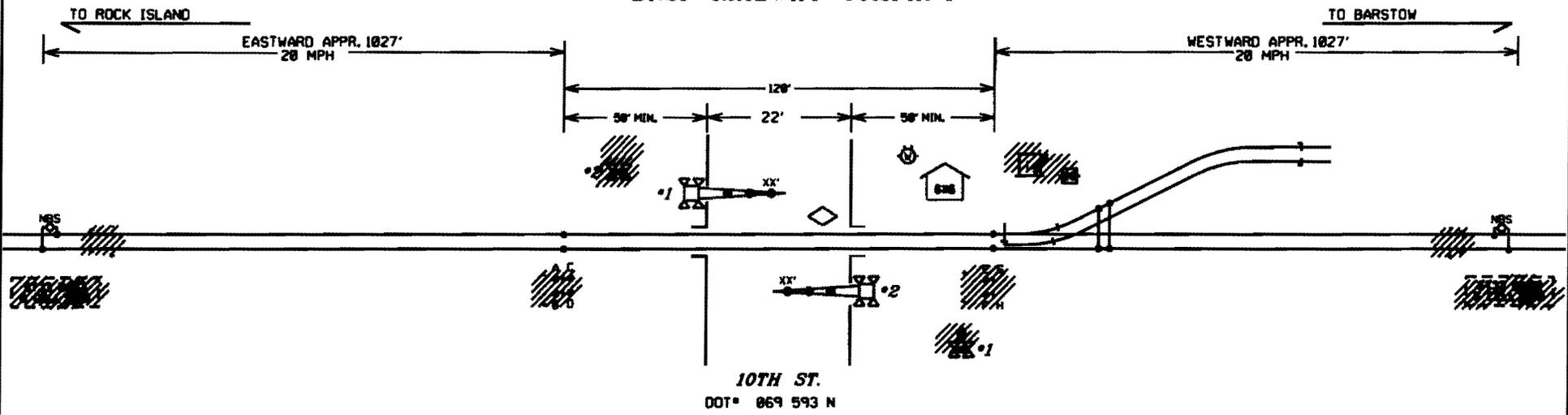
**BNSF RAILWAY CO.**

LOCATION: E. MOLINE, IL.  
STREET: 13TH STREET.  
LS: 0007  
M.P. 245.48  
DOT # 069 591 A  
DIVISION: CHICAGO  
SUBDIVISION: BARSTOW  
KANSAS CITY  
NO SCALE  
DATE: 02/02/2010  
FILE: 0007245 48.dgn  
DOF/DOF



TOTAL MATERIAL COST		<u>105,132</u>	105,132
*****			
OTHER			
*****			
AC POWER SERVICE	1.0 EA	5,000	
CONTRACT ENGR.	1.0 EA N	8,000	
SURFACE ROCK	30.0 CY N	750	
TOTAL OTHER ITEMS COST		<u>13,750</u>	13,750
PROJECT SUBTOTAL			215,404
CONTINGENCIES			21,540
BILL PREPARATION FEE			<u>2,370</u>
GROSS PROJECT COST			239,314
LESS COST PAID BY BNSF			<u>11,966</u>
TOTAL BILLABLE COST			227,348

BNSF RAILWAY COMPANY



10TH ST.  
DOT# 069 593 N

INSTALL: L.E.D. FLASHERS & GATES  
 CONTROL DEVICES: CONSTANT WARNING  
**BOLD - IN**  
 - OUT  
 SALVAGE: NONE

-  INSTRUMENT HOUSE
-  BELL
-  METER
-  CROSSING CONTROL CONNECTIONS
-  BIDIRECTIONAL CROSSING CONTROL
-  UNIDIRECTIONAL CROSSING CONTROL
-  COUPLER OR TERMINATION
-  GUARD RAIL

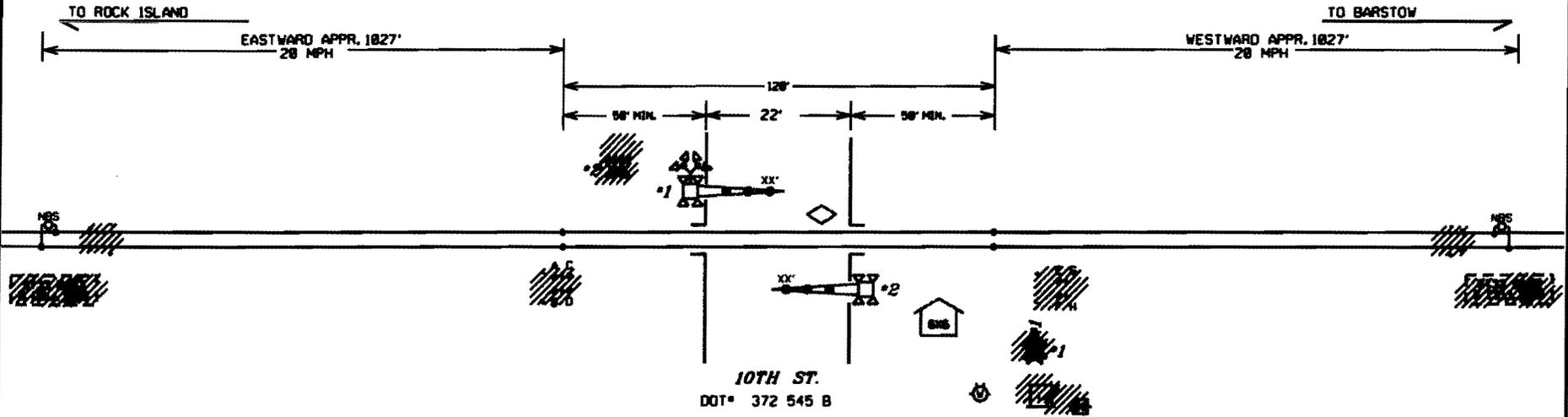
Warning device placement:  
 Clearance to C.L. Track = Min. 12'  
 Edge of Road to C.L. Foundation:  
 Min. 4'3" with curb.  
 Min. 8'3" without curb.  
 Max. 12'  
 House Clearance:  
 25' Min. to Near Rail  
 30' Min. to Edge of Road  
 ALL LIGHTS TO BE LED

**BNSF RAILWAY CO.**  
 LOCATION: E. MOLINE, IL.  
 STREET: 10TH STREET.  
 LS: 0007  
 M.P. 245.79  
 DOT # 069 593 N  
 DIVISION: CHICAGO  
 SUBDIVISION: BARSTOW  
 KANSAS CITY  
 NO SCALE  
 DATE: 02/02/2010  
 FILE: 0007245 79.dgn  
 DDF/DOF



TOTAL MATERIAL COST		109,140	109,140
*****			
OTHER			
*****			
AC POWER SERVICE	1.0 EA	5,000	
CONTRACT ENGR.	1.0 EA N	8,000	
SURFACE ROCK	30.0 CY N	750	
TOTAL OTHER ITEMS COST		13,750	13,750
PROJECT SUBTOTAL			219,412
CONTINGENCIES			21,941
BILL PREPARATION FEE			2,414
GROSS PROJECT COST			243,767
LESS COST PAID BY BNSF			12,188
TOTAL BILLABLE COST			231,579

BNSF RAILWAY COMPANY



INSTALL: FLASHERS WITH GATES  
 CONTROL DEVICES: CONSTANT WARNING

**BOLD - IN**  
 - OUT  
 SALVAGE: NONE

-  INSTRUMENT HOUSE
-  BELL
-  METER
-  CROSSING CONTROL CONNECTIONS
-  BIDIRECTIONAL CROSSING CONTROL
-  UNIDIRECTIONAL CROSSING CONTROL
-  COUPLER OR TERMINATION
-  GUARD RAIL

Warning device placement:  
 Clearance to C.L. Track = Min. 12'  
 Edge of Road to C.L. Foundation:  
 Min. 4'3" with curb.  
 Min. 8'3" without curb.  
 Max. 12'

House Clearance:  
 25' Min. to Near Rail  
 30' Min. to Edge of Road  
 ALL LIGHTS TO BE LED

**BNSF RAILWAY CO.**  
 LOCATION: E. MOLINE, IL.  
 STREET: 10TH STREET.  
 LS: 0006  
 M.P. 0.29  
 DOT # 372 545 B  
 DIVISION: CHICAGO  
 SUBDIVISION: BARSTOW  
 KANSAS CITY  
 NO SCALE  
 DATE: 02/02/2010  
 FILE: 0006000 29.dgn  
 DDF/DDF

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

**PROJECT STATUS REPORT:**

**TYPE:** (CHECK ONE)

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

DATE	5-18-10
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**PROJECT INFORMATION:**

Reporting Party:	BNSF Railway Company
Docket/Order #; Date:	T 10-0086
Status Reports Due:	Every 6 months
Ordered Completion Date:	
Completion Report Due <sup>1</sup> :	
AAR/DOT#, Milepost:	069 590T, MP 245.20-LS7; 069 591A, MP 245.48-LS7 069 593N, MP 245.79-LS7; 372 548B, MP 0.29-LS6
Street, (in/near) City, County	17 <sup>th</sup> Ave.; 13 <sup>th</sup> Ave.; 10 <sup>th</sup> Ave. & 10 <sup>th</sup> Ave., E. Moline, Rock Island
Railroad Company:	BNSF Railway Company

<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:	Chad L. Scherwinski
Title:	Public Project Engineer
Representing:	BNSF Railway Company
Street Address:	80-44 <sup>th</sup> Avenue N. E.
City, State, Zip:	Minneapolis, MN 55421
Office Phone:	(763) 782-3468
Office Fax:	(763) 782-3061
Cellular Phone:	
E-Mail Address:	chad.scherwinski@bnsf.com

<sup>2</sup>Project Manager Information to be submitted by Railroad Company

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

- Install new automatic flashing light signals and gates controlled by constant warning time circuitry at the 10<sup>th</sup> Ave., 13<sup>th</sup> Ave., and 17<sup>th</sup> Ave. crossings.

**STATUS OF WORK:**

**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:

John Saladino, Rail Safety Specialist  
Phone: (217) 785-8423  
Email: [jsaladino@icc.illinois.gov](mailto:jsaladino@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**

**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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