

COPY
07-0114

**STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION
STIPULATED AGREEMENT 1305**

This Agreement made and entered into, by and between the State of Illinois acting by and through the Illinois Commerce Commission ("Commission"), CSX Transportation, Inc. ("Company"), Woodbury Township Road District ("Road District"), and the State of Illinois, Department of Transportation ("Department" or "IDOT").

WITNESSETH:

WHEREAS, it has come to the attention of the Commission through joint application to the Department and Commission for assistance and that inquiry should be made into the matter of improving public safety at the 800E highway-rail grade crossing of the Company's track near Jewett, Cumberland County, Illinois, designated as crossing AAR/DOT #546 413E, milepost 127.50-CRA; 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, by the Company.
- (b) Installation of temporary STOP signs at the 800E crossing within 30 days of a Commission Order for the installation of new automatic warning

devices, by the Company.

- (c) Reconstruction of the highway approach grades to meet the minimum requirements of 92 Ill. Adm. Code 1535, by the Township.

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

Section 4 Cumberland County, on behalf of the Road District, has prepared a preliminary plan and cost estimate to accomplish the proposed approach grade improvements, which may be required by Commission Order. The drawings, specifications, and cost estimate are attached and incorporated herein by reference as Exhibit C.

Section 5 The Company and Road District 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) from the date of a Commission Order approving this Agreement.

Section 6 The parties agree that an equitable division of cost for the proposed improvements is as follows:

- COST DIVISION TABLE -

IMPROVEMENT	EST. COST	GCPF	ROAD DISTRICT	COMPANY	IDOT
Install Automatic Flashing Light Signals and Gates, controlled by CWT Circuitry	\$293,880	\$0	\$0	Remainder ²	100% \$293,880
Modify Existing Highway Approaches	\$27,904	100% ¹ \$27,904	\$0 ⁴	\$0	\$0
Install Temporary STOP Signs, if ordered	No estimate required	\$0	\$0	100% ³	\$0
TOTALS	\$321,784	\$27,904	\$0	\$0	\$293,880

Notes:

¹ Total Grade Crossing Protection Fund (GCPF) assistance for the highway approach reconstruction costs not to exceed \$27,904; any construction costs above the estimated amount of \$27,904 will be paid by the GCPF upon submittal and review of evidence to support the additional cost and subject to 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 Road District responsible for all future maintenance costs associated with the highway approaches.

Section 7 The Road District is not required to pay any portion of the cost for the proposed improvements.

Section 8 Special Provisions: Since federal funding is being utilized for the warning device improvements at the subject crossing, all such work shall be covered by appropriate provisions of Title 23, Chapter I, Subchapter G, Part 646 of the Federal-Aid Policy Guide adopted Dec. 9, 1991.

Since the warning device improvement(s) at the subject crossing(s) will be performed by railroad crews, no flagging or contractor liability insurance will be required for said work.

Since the approach grade improvements at the subject crossing will be performed by Road District, flagging and contractor liability insurance will be required for said work.

The Company and Road District shall complete and submit the Project Manager Information portion of the Project Status Report sheet, attached as Exhibits D and D-1, along with this executed Agreement.

The Company and Road District 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 D and D-1, 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 and Road District Project Manager.

All bills for work specified in Section 2 authorized for reimbursement from the Grade Crossing Protection Fund shall be submitted to the Department's District 7 Office located at 400 West Wabash, Effingham, IL 62401-2699, Attn: Maureen Kastl. The Department shall send a copy of all invoices to the Director of Processing and Information, Transportation Bureau 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 twelve (12) months from the completion date specified in the Commission Order approving this Agreement. The Department shall not obligate any funds for the cost of proposed improvements described in this Agreement without prior approval by the Commission. The Commission shall, at the end of the 12th 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 9 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 or the Department's representative. The minimum documentation that must be made available is outlined below:

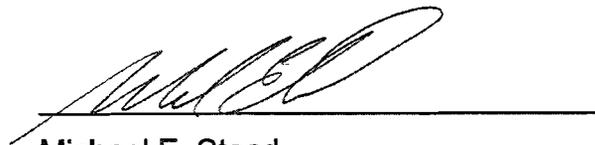
- a) Labor Charges (including additives) - Copies of employee work hours charged to the railroad and highway account code for the project.
- b) Equipment Rental - Copies of rental agreements for the equipment used, including the rental rate; number of hours the equipment was used and the

- c) railroad and 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 highway account code for the project.
- e) Supervision - Copies of employee work hours charged to the railroad and 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.

Section 10 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.

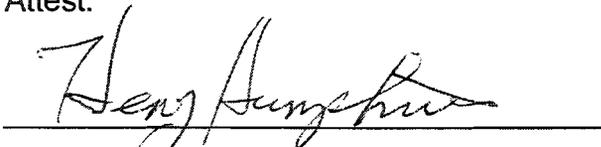
In Witness Whereof, the parties have caused this Agreement to be executed by their duly authorized officers, as of the dates indicated on their respective Execution Pages, attached hereto.

Executed by the Commission this 21th day of November 2007.



Michael E. Stead
Rail Safety Program Administrator

Attest:

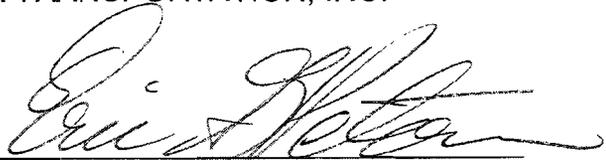


Henry Humphries
Rail Safety Specialist

Illinois Commerce Commission Stipulated Agreement 1305, executed by Commission Staff on November 21, 2007, concerning improvements at the 800E highway-rail grade crossing of the CSX Transportation's track, near Jewett, Cumberland County, designated as crossing AAR/DOT #546 413E, railroad milepost 127.50-CRA.

Executed by CSX Transportation, Inc. this 29th day of November 2007.

CSX TRANSPORTATION, INC.

By: 

Eric G. Peterson
ASST. CHIEF ENGINEER
PUBLIC PROJECTS

Attest:



Illinois Commerce Commission Stipulated Agreement 1305, executed by Commission Staff on November 21, 2007, concerning improvements at the 800E highway-rail grade crossing of the CSX Transportation's track, near Jewett, Cumberland County, designated as crossing AAR/DOT #546 413E, railroad milepost 127.50-CRA.

Executed by Woodbury Township Road District this 12th day of December 2007.

WOODBURY TOWNSHIP ROAD DISTRICT

By: Melvin Levington

Attest:

Austin Dale Decker, Jr.

RECEIVED
DEC 7 2007

Illinois Commerce Commission
RAIL SAFETY SECTION

Illinois Commerce Commission Stipulated Agreement 1305, executed by Commission Staff on November 21, 2007, concerning improvements at the 800E highway-rail grade crossing of the CSX Transportation's track, near Jewett, Cumberland County, designated as crossing AAR/DOT #546 413E, railroad milepost 127.50-CRA.

Executed by the Illinois Department of Transportation this 10 day of Dec. 2007.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

By: Christine M. Reed
Christine M. Reed, P.E., Director of Highways

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

GENERAL INFORMATION: See Location Sketch

RAILROAD	CSX
USDOT#, MILEPOST	546 413E, 127.50-CRA
STREET, CITY, COUNTY	800E near Jewett, Cumberland County
JURISDICTION (RDWY)	Woodbury Township
LOCATION	Rural, Commercial/Residential
STREET SURFACE	17' Oil/chip, Good Condition

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

TRACK (W-E or N-S)	SURFACE TYPE	SURFACE WIDTH	SURFACE CONDITION
Main	T/A	24'	Good

ROADWAY DATA: See Location Sketch

INTERSECTING ROADS:	Pvt. & US Route 40
TRAFFIC CONTROL	Stop sign at US Route 40
ADT & SPEED	75 Vehicles Per Day @ (unposted) MPH (##)
TRAFFIC TYPE	Passenger, School Buses, Hazardous Materials, Other
ADVANCE WARNING	Yes
PAVEMENT MARKING	No

Because of stop at US 40 and turning movement off 40 assumed 20 mph or less.

RAILROAD DATA: See Location Sketch

FREIGHT TRAFFIC	31 Per day @ 60 MPH, Day & Night? Yes
PASSENGER TRAFFIC	None
WARNING DEVICES	Crossbucks

NOTES:

VISIBILITY STUDY: See Location Sketch

Train Speed	60	MPH
Roadway Speed	## 20 or less	MPH
Required Stopping Sight Distance (SSD)		
Along Roadway	135	FEET
Along Tracks	636	FEET
Required Clearing Sight Distance (CSD) (Along Tracks)	1,441	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	*		*	
NW	*		*	
SE	*		*	
SW	*		*	

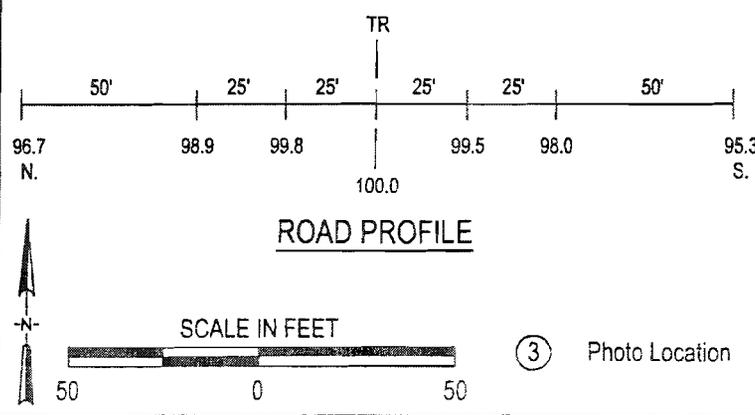
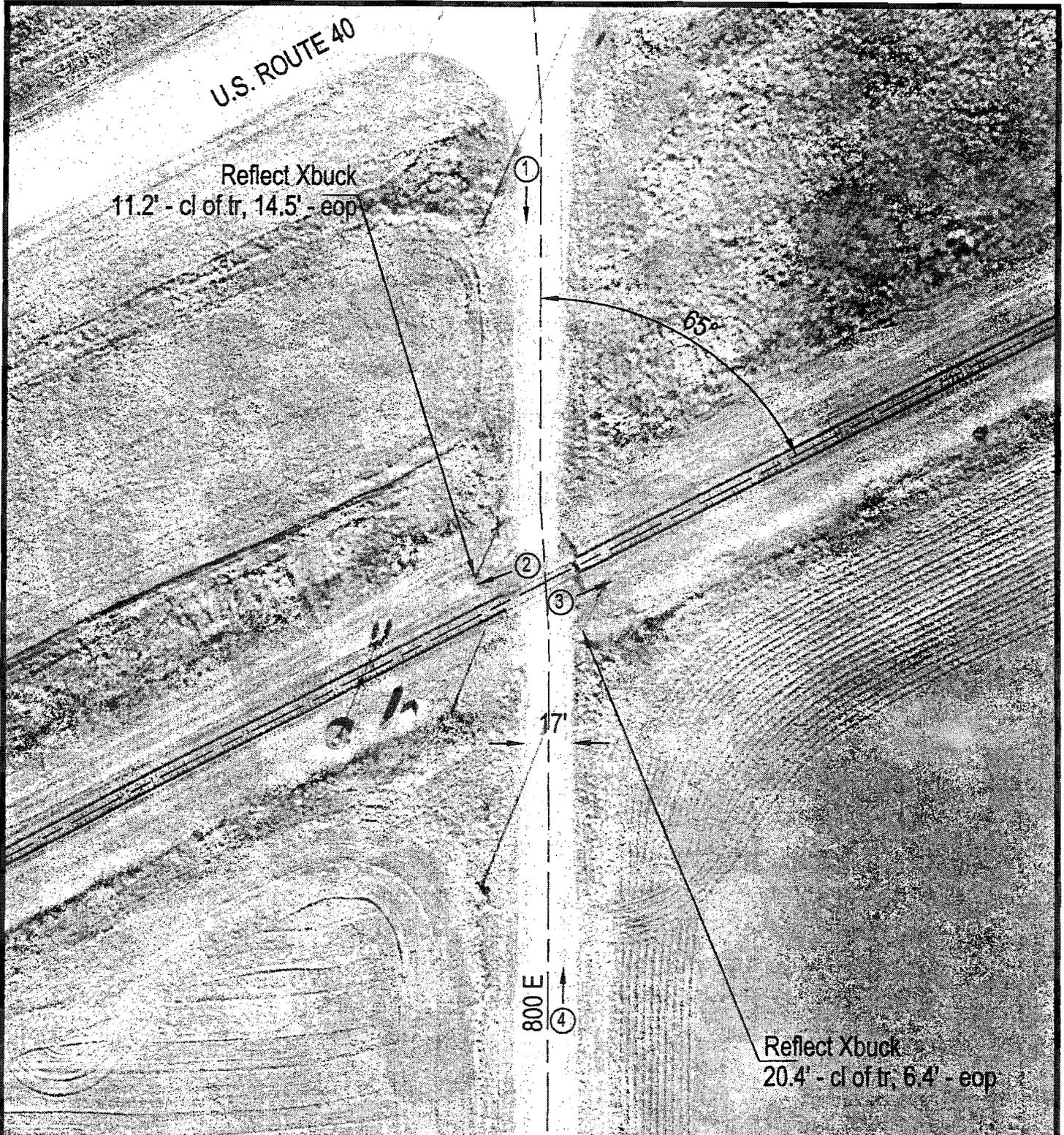
*Note: The installation of automatic flashing light signals and gates eliminate the need to satisfy minimum Sight Distance criteria.

APPROACH GRADES: See Location Sketch

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

Distance measured from outermost rail.

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



Crossing #:	546413E
Location:	Cumberland Co., City of Jewett (N)
Lat/Long:	39°11'16" / 88°19'18"
Railroad:	CSX
Street:	800 E
Railroad Milepost:	127.50
Crossing Protection:	Signs



500 Water St
13th Floor
Jacksonville, FL 32202
EMAIL Hal_Gibson@csx.com
PHONE (904) 359-1048
FAX (904) 366-4042

Hal A. Gibson, Jr.
Principal Engineer, Public Projects

November 15, 2007

Michael Stead
Illinois Commerce Commission
527 East Capitol Avenue
Springfield, IL 62701

Subject: Jewett, Cumberland County, IL; 800 E - Install Automatic Warning Devices,
DOT 546413E, MP QS 127.50, OP # IL0214

Mr. Stead:

Enclosed for your review and approval is the Signal Force Account Estimate in the amount of \$293,880.00 for the above referenced project.

We await receipt of your further advice and/or approval of the project cost and authority to proceed. If I can be of any further assistance, please do not hesitate to contact me.

Thank you,

A handwritten signature in black ink, appearing to read "H.A. Gibson", written over a horizontal line.

Hal A. Gibson, Jr.

Enclosure

cc: R. Conway (as information)
J. Harpring, IDOT (as information)
C. Ingersoll, IDOT (as information)

**CSX TRANSPORTATION, INC.
FORCE ACCOUNT ESTIMATE**

ACCT. CODE : 709 - IL0214

ESTIMATE SUBJECT TO REVISION AFTER:	4/28/2008	DOT NO.: 546413E
CITY: Jewett	COUNTY: Cumberland	STATE: IL
DESCRIPTION: Install automatic warning devices controlled by CWU, replace Micro-code track units with Electrocode at 800E		
DIVISION: Western Division	SUB-DIV: St. Louis Line	MILE POST: QS 127.50
AGENCY PROJECT NUMBER:		

PRELIMINARY ENGINEERING:

200 Labor (Non Contract)		\$ 1,350
200 Additive	42.41%	\$ 573
230 Expenses		\$ 235
212 Contracted & Administrative Engineering Services		\$ 500
Subtotal		\$ 2,658

CONSTRUCTION ENGINEERING/INSPECTION:

200 Labor (Non Contract)		\$ -
200 Additive	42.41%	\$ -
230 Expenses		\$ -
212 Contracted & Administrative Engineering Services		\$ 500
Subtotal		\$ 500

FLAGGING SERVICE: (Contract Labor)

070 Labor (Conductor-Flagman)		\$ -
050 Labor (Foreman/Inspector)		\$ -
070 Additive	74.68% (Transportation Department)	\$ -
050 Additive	76.03% (Engineering Department)	\$ -
230 Per Diem (Engineering Department)		\$ -
230 Expenses		\$ -
Subtotal		\$ -

SIGNAL & COMMUNICATIONS WORK: (Details Attached) \$ 258,543

TRACK WORK: (Details Attached) \$ -

ACCOUNTING & BILLING:

040 Labor		\$ 3,300
040 Additive	65.54%	\$ 2,163
Subtotal		\$ 5,463

PROJECT SUBTOTAL

900 <u>CONTINGENCIES:</u>	10.00%	\$ 26,716
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GRAND TOTAL ***** **\$ 293,880**

DIVISION OF COST:

Agency	100.00%	\$ 293,880
Railroad		\$ -
TOTAL *****		\$ 293,880

NOTE: Estimate is based on FULL CROSSING CLOSURE during work by Railroad Forces.

This estimate has been prepared based on site conditions, anticipated work duration periods, material prices, labor rates, manpower and resource availability, and other factors known as of the date prepared. The actual cost for CSXT work may differ based upon the agency's requirements, their contractor's work procedures, and/or other conditions that become apparent once construction commences or during the progress of the work

Office of Assistant Chief Engineer Public Projects--Jacksonville, Florida

Estimated prepared by: Hal A. Gibson, Jr.

DATE: 10/31/2007 REVISION:

**CSX TRANSPORTATION, INC.
FORCE ACCOUNT ESTIMATE**

Page 2 of 7

ACCT. CODE : 709 - IL0214
Pub EB - IL EB3 (IL)

ESTIMATE SUBJECT TO REVISION AFTER:	4/28/2008	DOT NO.: 546413E
CITY: Jewett	COUNTY: Cumberland	STATE: IL
DESCRIPTION: Install automatic warning devices controlled by CWU, replace Micro-code track units with Electrocode at 800E		
DIVISION: Western Division	SUB-DIV: St. Louis Line	MILEPOST: QS 127.50
DRAWING NO.: QS12750.H01	DRAWING DATE: 6/13/2007	REGION:
AGENCY PROJECT NUMBER:		

PRELIMINARY ENGINEERING:

200	Labor (Non Contract)		<u>5</u> Days @	\$ <u>270.00</u>	\$	1,350
200	Additive	42.41%			\$	573
230	Expenses				\$	235
212	Contracted & Administrative Engineering Services				\$	500
	Subtotal				\$	<u>2,658</u>

CONSTRUCTION ENGINEERING/INSPECTION:

200	Labor (Non Contract)		<u>0</u> Days @	\$ <u>270.00</u>	\$	-
200	Additive	42.41%			\$	-
230	Expenses				\$	-
212	Contracted & Administrative Engineering Services				\$	500
	Subtotal				\$	<u>500</u>

FLAGGING SERVICE: (Contract Labor)

70	Labor (Conductor-Flagman)		<u>0</u> Days @	\$ -	\$	-
50	Labor (Foreman/Inspector)		<u>0</u> Days @	\$ <u>235.00</u>	\$	-
70	Additive	74.68% (Transportation Department)			\$	-
50	Additive	76.03% (Engineering Department)			\$	-
230	Expenses	(Engineering Department)	<u>0</u> Days @	\$ <u>75.00</u>	\$	-
230	Expenses		<u>0</u> Days @	\$ <u>45.00</u>	\$	-
	Subtotal				\$	<u>-</u>

COMMUNICATIONS WORK:

	Temporary (Details Attached)				\$	-
	Permanent (Details Attached)				\$	-
	Subtotal				\$	<u>-</u>

**CSX TRANSPORTATION, INC.
FORCE ACCOUNT ESTIMATE**

ACCT. CODE : 709 - IL0214
Pub EB - IL EB3 (IL)

TRACK: LABOR

50	Traffic Control		0	MAN-HRS	\$ 21.00	\$	-
50	Remove Existing Crossing		0	MAN-HRS	\$ 21.00	\$	-
50	Renew Cross Ties		0	MAN-HRS	\$ 21.00	\$	-
50	Renew Rail		0	MAN-HRS	\$ 21.00	\$	-
50	Install OTM		0	MAN-HRS	\$ 21.00	\$	-
50	Install Field Welds		0	MAN-HRS	\$ 21.00	\$	-
50	Install Geo-Textile Fabric		0	MAN-HRS	\$ 21.00	\$	-
50	Install Sub-Drains		0	MAN-HRS	\$ 21.00	\$	-
50	Install Ballast		0	MAN-HRS	\$ 21.00	\$	-
50	Line and Surface		0	MAN-HRS	\$ 21.00	\$	-
50	Install Crossing Materials		0	MAN-HRS	\$ 21.00	\$	-
50	Install Bituminous Pavement		0	MAN-HRS	\$ 21.00	\$	-
50	_____		0	MAN-HRS	\$ 21.00	\$	-
50	_____		0	MAN-HRS	\$ 21.00	\$	-
50	_____		0	MAN-HRS	\$ 21.00	\$	-
50	Clean-Up		0	MAN-HRS	\$ 21.00	\$	-
50	Additive	76.03%				\$	-
230	Per Diem		0	MAN-DAY	\$ 90.00	\$	-
	Subtotal					\$	-

TRACK: MATERIAL

220	Cross Ties, Main Line		0	EA	\$ 31.00	\$	-
220	Rail, 136RE, New		0	LF	\$ 17.00	\$	-
220	Misc. OTM		1	LOT	\$ -	\$	-
210	Geo-Textile Fabric		0	RL	\$ 250.00	\$	-
210	Sub-Drains		0	LF	\$ 6.00	\$	-
220	Ballast		0	NT	\$ 5.75	\$	-
220	Field Welds		0	EA	\$ 100.00	\$	-
	_____		0	_____	\$ -	\$	-
	_____		0	_____	\$ -	\$	-
210	Concrete Full Width		0	TF	\$ 225.00	\$	-
210	Concrete/Rubber Xing (CSX)		0	TF	\$ 135.00	\$	-
210	Rubber Crossing, Full Depth		0	TF	\$ 280.00	\$	-
210	Timber/Asphalt Crossing (CSX Standard)		0	TF	\$ 42.00	\$	-
220	Crossties, 10' Length		0	EA	\$ 39.00	\$	-
210	Bituminous Material		0	NT	\$ 80.00	\$	-
210	Sales Tax on Material	6.50%				\$	-
210	Material Handling	5.00%				\$	-
	Subtotal					\$	-

CONTRACT:

215	Asphalt Paving (In Place)		0	NT	\$ 120.00	\$	-
241	Disposal of Waste Materials		0	TF	\$ 10.00	\$	-
215	Maintenance of Traffic		0	DAY	\$ 300.00	\$	-
	Subtotal					\$	-

**CSX TRANSPORTATION, INC.
FORCE ACCOUNT ESTIMATE**

ACCT. CODE : 709 - IL0214
Pub EB - IL EB3 (IL)

241	<u>EQUIPMENT RENTAL:</u>					
	Subtotal				\$	-
50	<u>WORK TRAIN:</u>	0	DAY	\$ 2,100.00	\$	-
	Subtotal				\$	-
	<u>SALVAGE:</u>					
228	Rail	0	NT	\$ 65.00	\$	-
228	OTM	0	NT	\$ 75.00	\$	-
	Subtotal				\$	-
	<u>SIGNAL WORK:</u>					
210	Material - Field & Consumables				\$	100,544
210	Material - Sales Tax				\$	6,535
220	Material - Shop				\$	-
60	Construction Labor				\$	31,269
65	Shop Labor				\$	800
230	Per Diem				\$	12,390
200	RR Engineering, Preliminary				\$	4,200
200	RR Engineering, Construction				\$	4,690
60	Additives to Construction Labor				\$	23,773
65	Additives to Shop Labor				\$	704
200	Additives to Engineering				\$	1,779
241	Equipment Expense				\$	22,100
241	Waste Management				\$	468
212	Contract Engineering				\$	40,047
211	Freight				\$	6,745
216	AC Power Service				\$	2,500
228	Salvage				\$	(1)
900	Other				\$	-
	Subtotal				\$	258,543
	<u>ACCOUNTING & BILLING:</u>					
40	Labor	16.5	Days @	\$ 200.00	\$	3,300
40	Additive	65.54%			\$	2,163
	Subtotal				\$	5,463
	<u>PROJECT SUBTOTAL:</u>				\$	267,163
900	<u>CONTINGENCIES:</u>	10.00%			\$	26,716
	GRAND TOTAL *****				\$	293,880

**CSX TRANSPORTATION, INC.
FORCE ACCOUNT ESTIMATE**

ACCT. CODE : 709 - IL0214
Pub EB - IL EB3 (IL)

DIVISION OF COST:

Agency	<u>100.00%</u>		\$	293,880
Railroad	<u>0.00%</u>		\$	-
TOTAL			\$	<u>293,880</u>

NOTE: Estimate is based on FULL CROSSING CLOSURE during work by Railroad Forces.

This estimate has been prepared based on site conditions, anticipated work duration periods, material prices, labor rates, manpower and resource availability, and other factors known as of the date prepared. The actual cost for CSXT work may differ based upon the agency's requirements, their contractor's work procedures, and/or other conditions that become apparent once construction commences or during the progress of the work

Office of Assistant Chief Engineer Public Projects--Jacksonville, Florida

Estimated prepared by: Hal A. Gibson, Jr.

DATE: 10/31/2007 REVISED:

ACCT. CODE : 709 - IL0214
 Pub EB - IL EB3 (IL)

ESTIMATE SUBJECT TO REVISION AFTER: 4/28/2008 DOT NO.: 546413E
 CITY: Jewett COUNTY: Cumberland STATE: IL
 DESCRIPTION: Install automatic warning devices controlled by CWU, replace Micro-code track units with
 Electrocode at 800E
 DIVISION: Western Division SUB-DIV: St. Louis Lir MILEPOST: QS 127.50
 DRAWING NO.: QS12750.H01 DRAWING DATE: 6/13/2007
 AGENCY PROJECT NUMBER:

SIGNAL WORK:

210	Material - Field & Consumables	\$	100,544
210	Material - Sales Tax	\$	6,535
220	Material - Shop	\$	-
60	Construction Labor	\$	31,269
65	Shop Labor	\$	800
230	Per Diem	\$	12,390
200	RR Engineering, Preliminary	\$	4,200
200	RR Engineering, Construction	\$	4,690
60	Additives to Construction Labor	\$	23,773
65	Additives to Shop Labor	\$	704
200	Additives to Engineering	\$	1,779
241	Equipment Expense	\$	22,100
241	Waste Management	\$	468
212	Contract Engineering	\$	40,047
211	Freight	\$	6,745
216	AC Power Service	\$	2,500
228	Salvage	\$	(1)
900	Other	\$	-
	Subtotal	\$	258,543

ACCT. CODE : 709 - IL0214
 Pub EB - IL EB3 (IL)

ESTIMATE SUBJECT TO REVISION AFTER: 4/28/08 **DOT NO.:** 546413E
CITY: Jewett **COUNTY:** Cumberland **STATE:** IL
DESCRIPTION: Install automatic warning devices controlled by CWU, replace Micro-code track units with Electrocode at 800E
DIVISION: Western Division **SUB-DIV:** St. Louis Line **MILEPOST:** QS 127.50
DRAWING NO.: QS12750.H01 **DRAWING DATE:** 6/13/2007 **REGION:**
AGENCY PROJECT NUMBER:

Amount		
Task	Task Desc	Total
40	Labor General Office	\$5,463
50	Labor Roadway	
60	Labor Signal	\$55,042
65	Labor Signal1	\$1,504
70	Labor Transportation	
200	Labor NonContract	\$12,592
210	Invoice Material	
	Material - Field & Consum	\$107,079
211	Invoice Freight	\$6,745
212	Invoice Contract Eng	\$41,047
215	Invoice Misc	
216	Invoice Utilities	\$2,500
220	Material New	
	Material - Shop	
228	Scrap Credit	-\$1
230	ExpenseRpts	\$12,625
241	Invoice Rental	\$22,568
900	Other	
900	Contingencies	\$26,716
	Material New	
Grand Total		\$293,880

**Estimate No. 112786
CSX Transportation**

Callahan (800E) Install {FG} Controlled by CWU Replace the Micro-code track units with Electrocode. The project is clustered with IL200615.

Jewett, IL

DOT: 546413E

OP: IL0214

CSX Project: IL2007015

Summary

Material	\$ 100,544
Sales Tax	\$ 6,535
Labor:	
Construction Labor (118 man-days).....	\$ 31,269
Shop Labor (5 man-days).....	\$ 800
Subsistence (118 man-days).....	\$ 12,390
Railroad Engineering, Preliminary	\$ 4,200
Railroad Engineering, Construction	\$ 4,690
Additives to Construction Labor	\$ 23,773
Additives to Shop Labor	\$ 704
Additives to Engineering	\$ 1,779
Equipment Expenses (34 work days).....	\$ 22,100
Waste Management (39 work days).....	\$ 468
Contract Engineering	\$ 40,047
Freight	\$ 6,744
Poleline Removal	\$ 0
AC Power Service	\$ 2,500
Salvage	\$ -1
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TOTAL ESTIMATE COST	\$ 258,543

Date: 10/30/2007

Estimated By: Ronald Conway

NOTE: This estimate should be considered void one year from date of estimate.

**Field Material List for CSX Project: IL2007015 (Effective: 10/30/2007)
Signals 124E and 124W
Jewett, IL - QS 124.80**

Catalog Num	Cond	Unit Price	Qty	Cost	Description
020-0012827	1	40.14	1	40.14	BLOCK FUSE US&S N238637-001 FOR 2" FUSE 4" TERMINAL BLOCK AND FUSE HOLDER FOR 250V FUSE
020-0017317	1	5098.55	1	5098.55	CODE ELECTRO EC4H PLUS "A" CONFIGURATION FOR EAST AND WEST DIRECTION AT END OF SIDING INCLUDES TSS-1 ARRESTER GETS P/N 800-094002-211
020-0017605	1	0.22	100	22.00	WIRE CASE 10 AWG FLEX CSX SPEC SS796 OKONITE P/N 152-11-3038 FURNISH 1000 FT SPOOL SHOW LENGTH ON EACH SPOOL
020-0022651	1	41.58	8	332.64	PLUGBOARD KIT TYPE B1 OR ST1 RELAY ASSEMBLY WITH 12 EACH 14-10 CRIMP TERMINALS, 1 EACH VOLT/CURRENT (3E) AND (1E) TEST TERMINALS, INSULATORS AND CLIPS CSX REF NO C30 ALSTOM 59686-5 GR1, SAFETRAN P/N 420000-78CSX
020-0024720	1	516.10	3	1548.30	RESISTOR ADJUSTABLE 0.000 TO 5.00 OHMS USE WITH SA SIGNALS GRS 55945-1 GR1
020-0057111	1	0.22	4	0.88	TAG TEXIT HEATEX WIRE MARK 2:1 WHITE 3/8" x 1" (9.5MM X 38MM) 500 TAGS PER BOX TEXIT P/N 5703666502769
020-0064054	1	189.28	2	378.56	MOUNTING ASSY 58570-15 GR2 SHELF GRS A62-505 FOR SHELF MOUNTING TWO B1 AND ONE B2 OR TWO B2 OR FOUR B1 RELAYS CSX REF C41
020-0066620	1	524.29	1	524.29	RELAY GRS 56001-792 GR1 800 OHMS CONTACTS 4FB-2F-1B TYPE B1 CSX REFERENCE B6 SOC 26 NEUTRAL SLOW RELEASE GRS A62-371
020-0770060	1	12.32	2	24.64	ARRESTER US&S N451552-0201 TRACK SERIES RED LABEL USGA 250V DC 175V AC W/O BASE (DO NOT USE ON AC CIRCUITS FOR NEW WORK, SEE SS382) US&S RSE-17A1
020-0770105	1	21.28	1	21.28	ARRESTER HARMON 202217-000 AGE-1 TRACK AIR GAP EQUALIZER 18 VOLT
020-2530287	1	276.64	1	276.64	FILTER EPC 800-080055-103 TF-156

Field Material List for CSX Project: IL2007015 (Effective: 10/30/2007)
Signals 124E and 124W
Jewett, IL - QS 124.80

Catalog Num	Cond	Unit Price	Qty	Cost	Description
020-2850485	1	2.69	1	2.69	FUSE FLN-R-9 9A LITTLEFUSE SLO-BLO CURRENT-LIMITING DO NOT SUBSTITUTE
020-3430110	1	245.00	7	1715.00	RELAY SAFETRAN 400004 500 OHMS CONTACTS 4FB-2F-1B CSX REFERENCE S3 SOC 1252 NEUTRAL (REPLACES GRS 56001-783 GR2 TYPE B1 CAT A62-277 REF B8)
020-4200340	1	1.28	2	2.56	LINK TEST ASSEMBLY 1" CENTERS COMPLETE WITH INSULATED BUSHING MOUNTED ON OFFSET LINK, 1 EACH POLISHED BRASS TEST NUT, SAFETRAN 024620-7X, NEG 1SL-1, L&W 2205-7X, TDH SOLUTIONS P/N 800-0012
250-0028114	1	5.24	4	20.96	TAPE ELECTRICAL 1-1/2"X 44 3M SCOTCH SUPER 88
360-0020350	1	2.55	6	15.30	WATER DRINKING PURIFIED 10OZ PLASTIC BOTTLES IN 24 PER CASE SHRINK WRAPPED 120 CASES PER PALLET MIN ORDER 120 CASES

Total Cost: \$ 10,024.43

**Shop Material List for CSX Project: IL2007015 (Effective: 10/30/2007)
Callahan (800E)
Jewett, IL - QS 127.50**

Catalog Num	Cond	Unit Price	Qty	Cost	Description
020-0003401	1	8480.00	1	8480.00	HOUSE 8X8L ALUM INCLUDES 7 SHELVES, FARADAY CLOSET, 240V AC, 4 CABLE CHUTES, 20 AMP GENERATOR RECEPTACLE & BREAKERS, ANGLE-STYLE FOUNDATIONS, ARRESTER & BREAKER BOXES INSTALLED SS400 PTMW NO 13384
020-0012827	1	40.14	2	80.28	BLOCK FUSE US&S N238637-001 FOR 2" FUSE 4" TERMINAL BLOCK AND FUSE HOLDER FOR 250V FUSE
020-0017120	1	11.00	6	66.00	BLOCK TERMINAL 12 POST SINGLE STRIP AAR 14.1.6 WITH 1 AAR 14.1.11 WASHER AND 1 AAR 14.1.11 CLAMP NUT TORQUED ONTO EACH TERMINAL AT 40 IN/LBS, 12 AAR 14.1.11 WASHERS AND 24 AAR 14.1.11 BINDING NUTS UNASSEMBLED SAFE 023390-11X TDH 800-0001
020-0017125	1	3.50	6	21.00	BLOCK TERMINAL 2 POST AAR 14.1.8 WITH 1 AAR 14.1.11 WASHER AND 1 AAR 14.1.11 CLAMP NUT TORQUED ONTO EACH TERMINAL AT 40 IN/LBS, 2 AAR 14.1.11 WASHERS AND 4 AAR 14.1.11 BINDING NUTS UNASSEMBLED SAFE 023612-1X TDH 800-0002
020-0017315	1	5088.92	1	5088.92	CODE ELECTRO EC4 PLUS "A" CONFIGURATION EPC FOR COLORLIGHT TYPE INTERMEDIATE SIGNAL GETS P/N 800-094002-111
020-0018234	1	30.69	1	30.69	CABLE CONVERTER PROTOCOL/MEDIA WAYSIDE ACCESS GATEWAY (WAG) 25 PIN MALE TO 25 PIN MALE NULL 20FT LONG, SAFETRAN P/N Z706-02027-0020
020-0021965	1	8.96	1	8.96	EXTRACTOR DWG 59688-4 TERMINAL GRS CAT P3-308 REF 18 1/16" STEEL WIRE COVERED W/INSULATING TUBING BILMAR 59688
020-0022651	1	41.58	1	41.58	PLUGBOARD KIT TYPE B1 OR ST1 RELAY ASSEMBLY WITH 12 EACH 14-10 CRIMP TERMINALS, 1 EACH VOLT/CURRENT (3E) AND (1E) TEST TERMINALS, INSULATORS AND CLIPS SAFETRAN 420000-78X ALSTOM 59686-5 GR1 CSX REF C30

**Shop Material List for CSX Project: IL2007015 (Effective: 10/30/2007)
Callahan (800E)
Jewett, IL - QS 127.50**

Catalog Num	Cond	Unit Price	Qty	Cost	Description
020-0022701	1	71.18	32	2277.76	ARRESTER LPC 15012-1 0-30V DC OR 0-24V AC RATED AT 15 AMP COMPLETE WITH FAIL SAFE OPEN MECHANISM, INDICATION FUSE ON SEMICONDUCTOR, TEST EYE WITH NUT, #14 AWG BLUE LEAD, SEE SS382 FOR ADDITIONAL INFORMATION
020-0025595	1	17.42	1	17.42	WRENCH DWG 55393-3 GR1 "E" TERMINAL POST NUT GRS CAT P3-320 REF G NATIONAL ELEC GATE P/N EDG-5951
020-0053360	1	415.52	4	1662.08	CHARGER BATTERY ELC 12/20 S 20 AMP 10-19.9 VDC ROTARY SW VOLTAGE ADJ W/ 10' TEMP COMPENSATION PROBE 0.1 TO 0.25 V RIPPLE AT BATTERY TERMINALS 120V AC INPUT ONLY NRS P/N 22300-10
020-0053510	1	233.11	1	233.11	KIT 240V AC EMERGENCY GENERATOR CABLE AND RECEPTACLE FOR PTMW HOUSE/CASE COMPLETE WITH 25' GENERATOR CABLE, 240V/30A RECEPTACLE AND RECEPTACLE WEATHER RESISTANT COVER PLATE TDH SOLUTIONS P/N 830-0023
020-0055602	1	11.39	1	11.39	RELAY POTTER BRUMFIELD KHAU17D12-12V 160 OHMS CONTACTS 4FB CSX REFERENCE N41 SOC 1389 NEUTRAL NON-VITAL 12VDC USE WITH SOCKET BASE 020.0056514.1
020-0056514	1	9.32	4	37.28	SOCKET RELAY POTTER & BRUMFIELD 27E166 NEWARK 57F3447 00 PIN FOR PB TYPE KHAU 4FB NON VITAL RELAY CSX REF C48
020-0064060	1	15.64	2	31.28	PLATE MOUNTING FOR 2 TYPE KHAU RELAY SOCKETS ON GRS B1 SIZE PLATE W/FOUR RUBBER GROMMETS ORDER RELAY TYPE KHAU RELAY SOCKETS (020.0056514.1) SEPARATELY CSX SS700 REF C49 BILMAR
020-0065621	1	341.60	1	341.60	RACK SIGNAL EQUIP 19" X 7' 4008B-13 ALUMINUM SINGLE SIDE DRILLED BOLTED FLOOR SUPPORTED AC NO 087426 ANIXTER RACK COMPLETE INCLUDES 3 EACH 020.3471120.1 AND 2 EACH 020.3471121.1 RELAY MOUNTING AND WIRE TIE

BARS