

ORIGINAL

STATE OF ILLINOIS  
ILLINOIS COMMERCE COMMISSION  
STIPULATED AGREEMENT 1362

T08-0172

This Agreement made and entered into, by and between the State of Illinois acting by and through the Illinois Commerce Commission ("Commission"), Union Pacific Railroad Company ("Company"), Spring Garden 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 Staff investigation inquiry should be made into the matter of improving public safety at the E. Midnight Road highway-rail grade crossing of the Company's track near Bonnie, Jefferson County, Illinois, designated as crossing AAR/DOT #167 602E, railroad milepost 285.97-CC; 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, by the Company.
- (b) Installation of temporary STOP signs at the E. Midnight Road crossing within 30 days of a Commission Order for the installation of new

DOCKETED

automatic warning devices, by the Company.

- (c) Improvement of the east highway approach grade to meet the minimum requirements of 92 Ill. Adm. Code 1535, by the Road District<sup>1</sup>.  
(<sup>1</sup>Note: Proximity of IL Route 37 prohibits improvement of the west approach. ICC Staff will recommend that a variance be granted to maintain the existing west approach grade.)

**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(s) are attached and incorporated herein by reference as Exhibit B.

The Road District has prepared a preliminary plan and cost estimate to accomplish the proposed E. Midnight Road roadway 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 4** 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) 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 -**

<b>IMPROVEMENT</b>	<b>EST. COST</b>	<b>GCPF</b>	<b>ROAD DISTRICT</b>	<b>COMPANY</b>
Install Automatic Flashing Light Signals and Gates, controlled by CWT Circuitry	\$236,423	95% \$224,602 <sup>1</sup>	\$0	Remainder <sup>2</sup> \$11,821
Modify Existing Highway Approaches	\$15,000	\$0	100% <sup>4</sup>	\$0
Install temporary STOP Signs, if ordered	No Estimate Required	\$0	\$0	100% <sup>3</sup>
<b>TOTALS</b>	<b>\$251,423</b>	<b>\$224,602</b>	<b>\$15,000</b>	<b>\$11,821</b>

**Notes:**

<sup>1</sup> Total Grade Crossing Protection Fund (GCPF) assistance not to exceed \$224,602; any installation costs above the estimated amount of \$236,423 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> Company responsible for all future maintenance costs associated with the temporary STOP Signs.

<sup>4</sup> Road District responsible for all future maintenance costs associated with the highway approaches.

**Section 6** The Road District 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 Road District 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 approach grade improvements at the subject crossing will be performed by Road District, railroad flagging and railroad protective 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 E and E1, 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 E and E1, 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 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 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 Company 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 Company 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 Company account code for the project.
- e) Supervision - Copies of employee work hours charged to the Company 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.

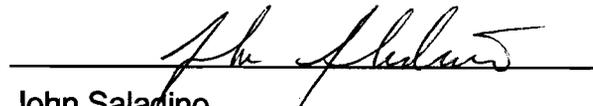
Section 9 This Agreement shall be binding upon the parties hereto, their successors or assigns. Upon execution of this Agreement by all parties, the Commission shall enter an appropriate Order, within 60 days accepting or rejecting such stipulation according to the provisions contained herein.

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 17<sup>th</sup> day of September, 2008.

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

Attest:

  
\_\_\_\_\_  
John Saladino  
Rail Safety Specialist

Illinois Commerce Commission Stipulated Agreement 1362, executed by Commission Staff on September 17, 2008, concerning improvements at the E. Midnight Road highway-rail grade crossing of the Union Pacific Railroad Company's track, near Bonnie, Jefferson County, Illinois, designated as crossing AAR/DOT #167 602E, railroad milepost 285.97-CC.

Executed by Spring Garden Township Road District this 22 day of Sept 2008.

SPRING GARDEN TOWNSHIP ROAD DISTRICT

By: 

Attest:

\_\_\_\_\_

Illinois Commerce Commission Stipulated Agreement 1362, executed by Commission Staff on September 17, 2008, concerning improvements at the E. Midnight Road highway-rail grade crossing of the Union Pacific Railroad Company's track, near Bonnie, Jefferson County, Illinois, designated as crossing AAR/DOT #167 602E, railroad milepost 285.97-CC.

Executed by Union Pacific Railroad Company this 29<sup>th</sup> day of OCTOBER 2008.

UNION PACIFIC RAILROAD CO.

By: John J. Horvath  
AVP ENGINEERING

Approved as to Form

W. P. Jewell

Attest:

C. W. Saylor

Illinois Commerce Commission Stipulated Agreement 1362, executed by Commission Staff on September 17, 2008, concerning improvements at the E. Midnight Road highway-rail grade crossing of the Union Pacific Railroad Company's track, near Bonnie, Jefferson County, Illinois, designated as crossing AAR/DOT #167 602E, railroad milepost 285.97-CC.

Executed by the Illinois Department of Transportation this 17<sup>th</sup> day of November 2008.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

By:   
Christine M. Reed, Director of Highways

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

**GENERAL INFORMATION:** See Location Sketch

<b>RAILROAD</b>	Union Pacific
<b>USDOT#, MILEPOST</b>	167 602E, 285.97-CC
<b>STREET, CITY, COUNTY</b>	E. Midnight Road, near Bonnie, Jefferson County
<b>JURISDICTION (RDWY)</b>	Spring Garden Road District
<b>LOCATION</b>	Rural
<b>STREET SURFACE</b>	16' Oil & Chip, Good Condition

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

<b>TRACK (W-E or N-S)</b>	<b>SURFACE TYPE</b>	<b>SURFACE WIDTH</b>	<b>SURFACE CONDITION</b>
N-S	Full Depth Timber	24'	Fair

**ROADWAY DATA:** See Location Sketch

<b>INTERSECTING ROADS:</b>	IL Route 37 @ 50' west
<b>TRAFFIC CONTROL</b>	STOP sign @ IL 37
<b>ADT &amp; SPEED</b>	75 Vehicles Per Day @ 55 MPH (unposted)**
<b>TRAFFIC TYPE</b>	Passenger, School Buses, Hazardous Materials, all Possible
<b>ADVANCE WARNING</b>	Yes
<b>PAVEMENT MARKING</b>	No

**RAILROAD DATA:** See Location Sketch

<b>FREIGHT TRAFFIC</b>	19 Per day @ 60 MPH, Day & Night? Yes
<b>PASSENGER TRAFFIC</b>	None
<b>WARNING DEVICES</b>	Crossbucks w/ Yield signs

**NOTES:**

**VISIBILITY STUDY:** See Location Sketch

<b>Train Speed</b>	60	<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>	593	<b>FEET</b>
<b>Required Clearing Sight Distance (CSD) (Along Tracks)</b>	1,441	<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	200'	Trees/House
<b>NW</b>	*	Ok	*	Ok
<b>SE</b>	*	Ok	*	Ok
<b>SW</b>	*	Ok	50'	Trees

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

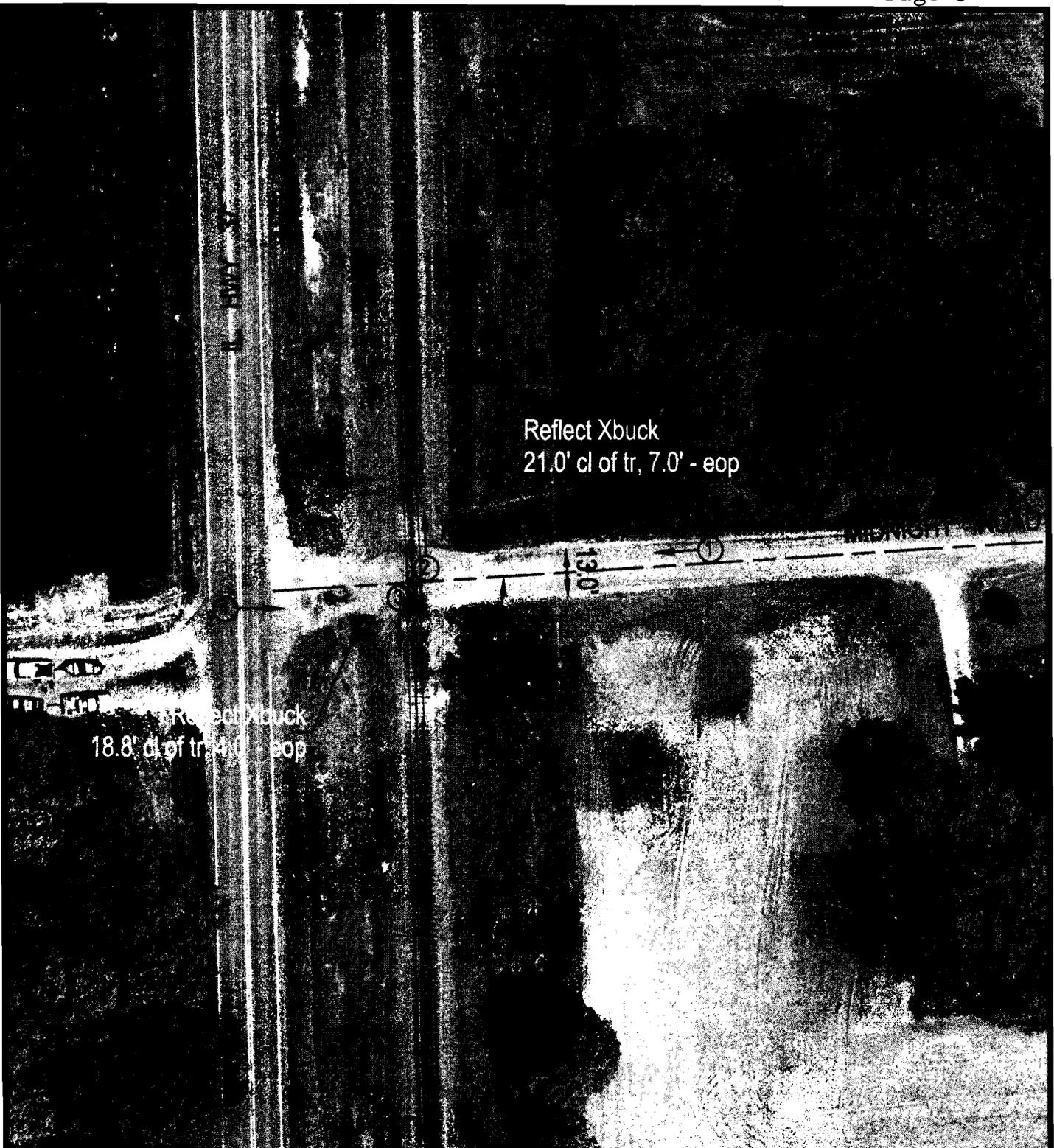
**APPROACH GRADES:** See Location Sketch

<b>DIRECTION: 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>
See	Exhibit	A	Page	3	Attached

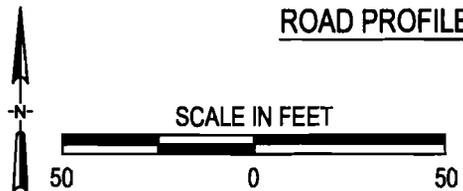
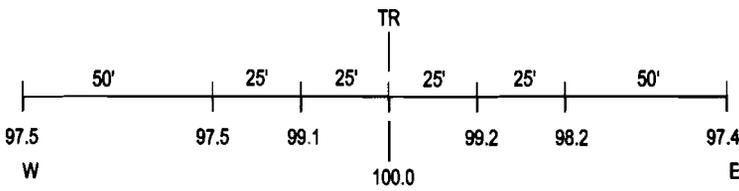
Distance measured from outermost rail.

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

\*\* Roadway Speed at the crossing assumed to be 30 mph, due to the close proximity of the crossing to IL 37.



JEFFERSON\167602E\167602E.DWG 03/29/01 12:27 MAK



③ Photo Location

Crossing #:	167602E
Location:	Jefferson Co., City of Bonnie (Near)
Lat/Long:	38°10'10" / 88°54'12"
Railroad:	UP
Street:	Midnight Road
Railroad Milepost:	285.38
Crossing Protection:	Sign

DATE: 2008-09-09

ESTIMATE OF MATERIAL AND FORCE ACCOUNT WORK  
BY THE  
UNION PACIFIC RAILROAD

THIS ESTIMATE GOOD FOR 6 MONTHS EXPIRATION DATE IS :2009-03-10

## DESCRIPTION OF WORK:

INSTALL AUTOMATIC FLASHING LIGHT CROSSING SIGNALS  
WITH GATES AT BONNIE, IL. TR 501 M.P.285.97 ON THE  
MT. VERNON SUB DOT#167 602E

WORK TO BE PERFORMED BY RAILROAD WITH EXPENSE AS BELOW:

SIGNAL - ILLDOT - 95%

SIGNAL - RAILROAD - 5%

ESTIMATED USING FEDERAL ADDITIVES - 105.61% - SIGNAL

142.44% - TRACK

PID: 62116 AWO: 88298 MP,SUBDIV: 285.97, MTVERNON  
SERVICE UNIT: 04 CITY: BONNIE STATE: IL

DESCRIPTION	QTY	UNIT	LABOR	MATERIAL	RECOLL	UPRR	TOTAL
ENGINEERING WORK							
ENGINEERING			5806		5516	290	5806
LABOR ADDITIVE 105.61%			11158		10600	558	11158
SIG-HWY XNG			4821		4579	242	4821
TOTAL ENGINEERING			21785		20695	1090	21785
SIGNAL WORK							
BILL PREP			900		855	45	900
CONTRACT				6314	5998	316	6314
CONTINGENCIES				21493	20418	1075	21493
INSTALL CULVERT				1000	950	50	1000
LABOR ADDITIVE 105.61%			36368		34576	1792	36368
MATL STORE EXPENSE				7	6	1	7
PERSONAL EXPENSES				19500	18525	975	19500
ROCK/GRAVEL/FILL				10000	9500	500	10000
SALES TAX				2525	2399	126	2525
SIGNAL			33562	63142	91869	4835	96704
TRANSP/IB/OB/RCLW CONTR				10758	10220	538	10758
WZT CONTROL				4387	4168	219	4387
TOTAL SIGNAL			70830	139126	199484	10472	209956
TRACK & SURFACE WORK							
ENVIRONMENTAL				1	1		1
FIELD WELD			48		46	2	48
LABOR ADDITIVE 142.44%			806		765	41	806
MATL STORE EXPENSE				133	127	6	133
OTM			906	2427	3166	167	3333
SALES TAX				107	101	6	107
WELD				254	241	13	254
TOTAL TRACK & SURFACE			1760	2922	4447	235	4682
LABOR/MATERIAL EXPENSE			94375	142048			
RECOLLECTIBLE/UPRR EXPENSE					224626	11797	

ESTIMATED PROJECT COST

236423

THE ABOVE FIGURES ARE ESTIMATES ONLY AND SUBJECT TO FLUCTUATION. IN THE EVENT OF AN INCREASE OR DECREASE IN THE COST OR QUANTITY OF MATERIAL OR LABOR REQUIRED, UPRR WILL BILL FOR ACTUAL CONSTRUCTION COSTS AT THE CURRENT EFFECTIVE RATE.

FORM 30-1

PAGE 04 MORE

## WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

RAILROAD: UPRR CO.  
 LOCATION: BONNIE, IL, TR 501, MT. VERNON SUB.  
 DEPARTMENT: ENGINEERING SERVICES

PROJ NO: 62116  
 A.W.O. NO: 88298  
 W.O. NO:  
 B.I. NO: 08EN10  
 STATE: IL  
 VAL SEC: 1121E

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 ----- STOCK MATERIAL PLAN -----

ITEM NUMBER	ITEM DESCRIPTION	UNIT COST	QTY	UM	DIRECT MATL \$
02040540	BATTERY,GNB, 50A19, 475 AH.	231.38	7	EA	1620
02040660	BATTERY,GNB, 50A27, 687 AH.	307.17	6	EA	1843
09011240	CABLE TIE, NYLON 1 1/8" MAX. DIA	0.02	200	EA	4
09011980	CABLE TIE, NYLON 3 1/2" MAX. DIA	0.12	20	EA	2
09014950	CIRCUIT BRKR,120/240V 20A 2 POLE	14.60	1	EA	15
09015690	CIRCUIT BREAKER, 120/240V 30A AC	5.97	2	EA	12
09054360	RELAY, GEN.PURPOSE 120V. TAB 856	4.67	1	EA	5
09057650	SOCKET,P-B 27E122 TAB 836A & 856	2.07	1	EA	2
09065700	TAPE, ELECTRICAL PLASTIC	2.51	2	RL	5
09066900	TERMINAL,SPADE,10-12 WIRE,#8 STUD	0.15	10	EA	2
09137100	TERM.LUG 3/16 CABLE-1/4 POST 2412	0.55	30	EA	17
09215100	33466 TERMINAL, RING TONGUE AMP	0.19	44	EA	8
09224750	216-107 TERMINAL,FERRULE, FOR #10	0.06	20	EA	1
09224800	216-104 TERMINAL, FERRULE, W	0.02	50	EA	1
09260350	TERMINAL,#16-14 #8 SPADE	0.07	35	EA	2
09261420	321524-1 TERMINAL,TEST 16-22 A	1.61	4	EA	6
09261570	321527-1 TERMINAL, TEST	1.62	15	EA	24
09401140	ADAPTER, 4 INCH CARLON PLASTIC	3.28	2	EA	7
09409820	BUSHING, 4" PLASTIC,INSULATING	0.82	2	EA	2
09424920	CONDUIT, 4", PVC, TYPE 40	2.12	50	LF	106
09467930	LOCKNUT, 4 INCH, GALVANIZED	5.19	2	EA	10
09844170	GROUND ROD, 5/8 INCH X 8 FEET	7.41	9	EA	67
09846750	GRND.ROD CONN. 4WAY ONESHOT.	5.04	9	EA	45
09908640	WIRE,#6 AWG.1 COND.COPPER,SOLID	0.42	225	LF	95
09912200	WIRE #6 AWG 2 CND 500'ROLL SHIELD	1.80	1500	LF	2700
09913200	WIRE,#6, 5 COND 500'ROLL SHIELDED	3.23	500	LF	1615
09915610	WIRE #6 AWG 1 COND COPPER, STRAN	0.52	220	LF	114
09930550	WIRE #10 AWG 1 COND COPPER, STRAN	0.22	700	LF	154
09932310	WIRE #10 AWG 1 COND COPPER, TWIST	0.46	250	LF	115
09946100	WIRE #14, 7 CND 500' ROLL SHIELDE	1.38	500	LF	690
09960090	WIRE #16 AWG 1 COND COPPER, STRAN	0.10	300	LF	30
09976180	WIRE,#22,TW.PR. BELDEN #8761	0.12	20	LF	2
13547870	SHEET METAL SCREW, #10 X 1 INCH	3.21	1	BX	3
13552450	SHEET METAL SCREW,#12 X 3/4"	2.09	2	BX	4
13553150	SHEET METAL SCREW #12 X 1"	3.04	2	BX	6
17061400	PADLOCK,SIGNAL,WITHOUT KEY,AMERIC	14.87	6	EA	89
28033210	CARTON, 39 1/8"L X 23 1/4"W X 17	5.51	1	EA	6
28033230	CARTON, 47 3/8"L X 39 1/2"W X 18"	11.07	1	EA	11
28041880	PALLET, 48 X 40 INCH 2/WAY	8.55	2	EA	17
35040020	PLASTER OF PARIS, #DAP 10308	2.79	4	BX	11

FORM 30-1

PAGE 05 MORE

## WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

RAILROAD: UPRR CO.  
 LOCATION: BONNIE, IL, TR 501, MT. VERNON SUB.  
 DEPARTMENT: ENGINEERING SERVICES

PROJ NO: 62116  
 A.W.O. NO: 88298  
 W.O. NO:  
 B.I. NO: 08EN10  
 STATE: IL  
 VAL SEC: 1121E

39340220	SIGN, HIGHWAY CROSSING	50.00	2 EA	100
52001370	SURGE PROTECTOR SP20-2A TAB 585	71.74	2 EA	143
52003630	POWER CABLE, CABIN TO GENERATOR -	148.20	1 EA	148
52005690	BOND WIRE, 7 STRANDS 500 LF. ROLL	0.70	100 LF	70
52005700	BOND WIRE, 7 STRANDS 100 LF. ROLL	0.76	200 LF	152
52016830	WIRE DUCT, 2X3	8.44	11 EA	93
52016940	WIRE DUCT, 3X3	9.82	1 EA	10
52017510	WIRE DUCT COVER 2"X6'	1.84	11 EA	20
52017620	WIRE DUCT COVER 3"X6'	2.71	1 EA	3
52019530	ENCLOSURE, SHUNT, POLE MOUNTED. 24X2	171.41	2 EA	343
52019560	EQUALIZER, H.D. TAB 583	9.13	15 EA	137
52021550	FOUNDATION, 4', STEEL, FOR FLSHR/GAT	323.46	2 EA	647
52025250	HOUSE, 6X6,	4975.75	1 EA	4976
52027350	CLIP BOARD - FOR SIGNAL PRINTS	8.02	1 EA	8
52027430	STEP BOX	16.25	1 EA	16
52028420	LIGHTNING ARRESTOR, CLR-COMM TAB 3	6.91	28 EA	193
52029780	LIGHTNING ARR, HD TAB 582 W/O BASE	9.82	8 EA	79
52030010	LIGHTNING ARRESTOR CONN. STRIP	3.93	4 EA	16
52039210	RECTIFIER, 20EC, 12V. TAB575	273.99	2 EA	548
52042650	POST, MOUNTING, FOR SHUNT HOUSING	17.92	4 EA	72
52068650	TERMINAL, #6 - 5 WIRE - RING TYPE	0.16	55 EA	9
52070010	TERMINAL, #12-10 WIRE, RING TONGUE	0.13	300 EA	39
52071600	TERMINAL, #20-16 WIRE, RING TONGUE	0.07	150 EA	11
52072280	TERMINAL BLOCK, SIGNAL 2 POST BAK	3.74	27 EA	101
52072740	TERMINAL BLOCK, SIGNAL 12 POST 6	15.83	1 EA	16
52072960	TERMINAL BLOCK, SIGNAL 12 POST	12.70	12 EA	152
52074550	TEST LINK, INSULATED ASSEMBLY TAB	0.85	22 EA	19
52074660	SWITCH, MCKEEN TAB 82	13.90	1 EA	14
52079550	WIRE TAG, PLASTIC - WHITE	0.13	100 EA	13
52079560	MARKING PEN (FOR WHITE TAG)	1.95	1 EA	2
52108120	LED FL/GATE ASSY. 2 WAY LIGHTS	7319.73	1 EA	7320
52108220	LED-FL/GATE ASSY. 2WAY 1W45FL&FR	9107.58	1 EA	9108
52109370	GATE ARM, ADJ. 16-32'	466.23	2 EA	932
52122140	HIGH WIND BRACKET 5"OR 4"	63.99	2 EA	128
52136470	SHEAR PIN, SK-1000-1	5.50	2 EA	11
52207100	GRDXNG PRDTR GCP4000 2TK. MAX W/SE	15616.53	1 EA	15617
52232000	COUPLER, BI. DIR. 62664-285HZ TAB627	879.33	1 EA	879
52232500	COUPLER, BI. DIR. 62664-348HZ TAB627	668.00	1 EA	668
52258590	NBS, TAB 641, 62775-1543	402.72	2 EA	805
52263600	SURGE ARRESTOR, METER LOOP.	28.46	1 EA	28
52263690	SURGE PANEL - TAB 619	127.03	1 EA	127
52264040	SURGE PANEL - TAB 618	190.67	1 EA	191
52267200	TRANSCEIVER MODULE. FOR GCP 4000	2919.58	2 EA	5839
52276150	SS XING CONTROLLER MODULE FOR GCP	1649.23	2 EA	3298
53648010	INSULATING CAP & SHIELD ASSY.	2.25	4 EA	9
53903460	EPD 120/240TDFL SURGE PROTECTOR	268.51	1 EA	269

FORM 30-1

PAGE 06 MORE

## WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

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53954500 180429-000 BOOTLEG KIT	49.41	6 EA	296
55016300 RAIL ANCHOR 5 1/2 BASE UNIT	1.37	480 EA	658
55255160 FIELD WELD KIT, 112#/115# ONE SH	58.60	4 EA	234
55264570 PACKING SAND, PRE-MIXED (PER SACK	22.44	0 CA	18
55264930 REFRACTORY PASTE	1.83	1 EA	2
55310500 INSULATED JOINT 115# PLUG, HH 15-	884.71	2 EA	1769
TOTAL			65,824

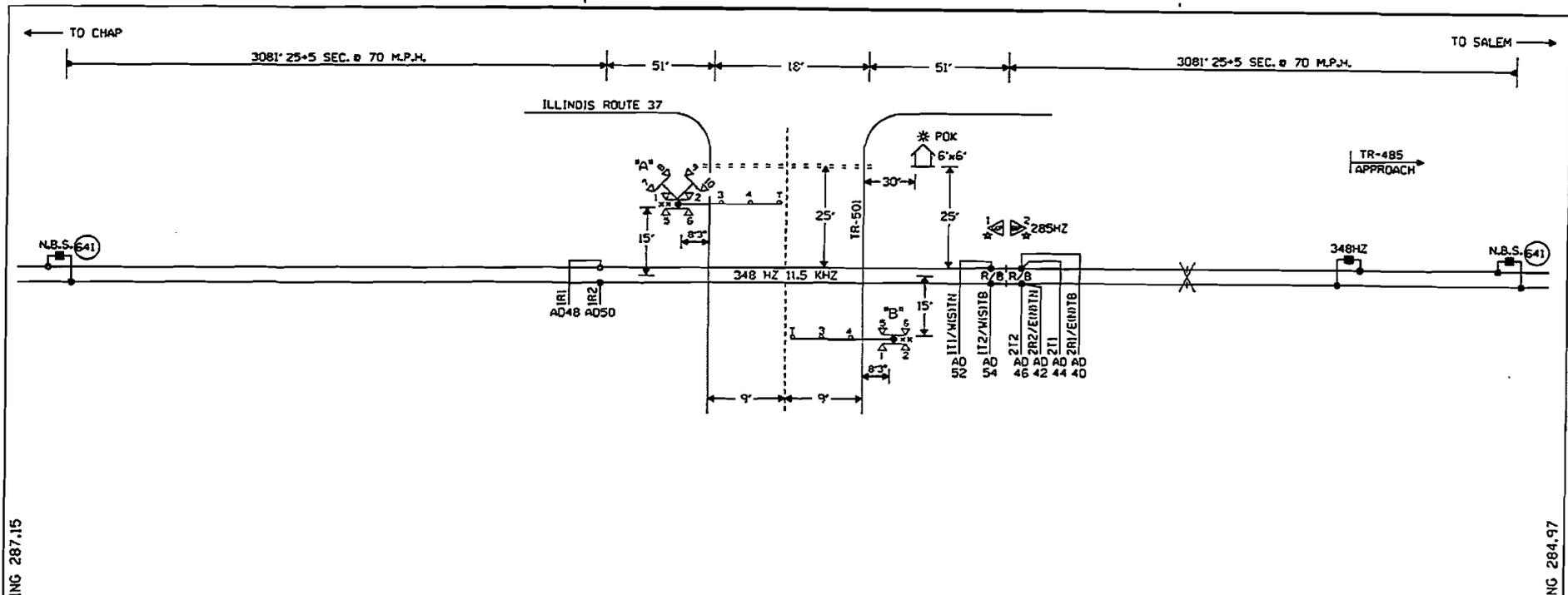
CONNECTS TO DRAWING 287.15

CONNECTS TO DRAWING 284.97

SA 1362

Exhibit B

Page 6

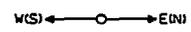


**NOTES:**

- ⊗ TWISTED WIRES INSULATED 1 TWIST PER FT. ALL TRACK WIRES 2C #6
- TRANSMITTER AND RECEIVER LEADS TO BE SEPARATED BY AT LEAST 12" IN TRENCH. LENGTHS SHOULD NOT EXCEED MANUFACTURERS RECOMMENDATION.
- TOP OF FOUNDATION TO BE AT SAME ELEVATION AS THE SURFACE OF THE TRAVELED WAY & NO MORE THAN 4" ABOVE THE SURFACE OF THE GROUND.
- ALL BUNGALOW WIRING TO BE #16 AWG FLEX UNLESS OTHERWISE SPECIFIED EXCEPT ALL GROUND WIRE TO BE #6 AWG FLEX OR LARGER.
- ALL WIRING IN GATE MECHANISM TO BE #10 AWG FLEX.
- REFER TO UP STANDARD DWG FOR BUNGALOW GROUNDING.
- PORTABLE GENERATOR EXTENSION CORD FOR 240V TO 240V IS PROVIDED AS WELL AS A 120V TO 240V ADAPTER.
- ALL LIGHTS TO BE 12" ROUNDELS.
- ENSURE TRACK POLARITY IS TRANSPOSED ACROSS ALL INSULATED JOINTS.
- ===== 4" X 30' CONDUIT
- LIGHTS: LED LIGHTS
- GATE A: 17'
- GATE B: 17'
- \*\* = BELL
- \* = GCP TO OPERATE IN SEMI-BIDIRECTIONAL MODE. USE TAB 627 COUPLER.

**CONSTRUCTION NOTES:**

- 1) RELOCATE THE EXISTING ELECTROCODE 4 UNIT FROM M.P. 285.80 INTO THE NEW CROSSING BUNGALOW @ TR-501.
  - 2) INSTALL A 24" x 40' CULVERT IN THE NORTHEAST QUADRANT FOR THE PLACEMENT OF THE NEW BUNGALOW @ THE STATE'S EXPENSE.
  - 3) INSTALL NEW INSULATED JOINTS 50' NORTH OF THE CROSSING (119').
- X = REMOVE



**NEW SHEET**

BONNIE, ILLINOIS  
TR-501  
M.P. 285.97  
MT. VERNON SUBDIVISION  
O.G.T. #167 602E

7-9-08 INSTALL NEW GATES AND A GCP #000 IN A NEW BUNGALOW AT TR-501 @ M.P. 285.97 AFE 88298 WITT/JJF	MODIFICATION LEVEL		UNION PACIFIC DES: WITT DIG: WITT CHK: B.C.H. #F.E. 88298 SHEET ID: 020128597.1X	UNION PACIFIC RAILROAD SALEM, ILLINOIS TO CHAP, ILLINOIS C.T.C. CIRCUITS Office of S. & W.P. Construction - Signal/110	DATE 7-9-08
	D.A. LAST LEVEL CHECKED	DD			SHEET 1
	LAST LEVEL MOD THIS TYPICAL	DD			DATE 285.97
	LAST LEVEL BY DESIGNER	DD			S-301
	CHANGED FROM TYPICAL?	Y			

**COST ESTIMATE  
FOR  
ROAD IMPROVEMENTS  
TO TR 501  
E. MIDNIGHT ROAD  
SPRING GARDEN TWP.**

AGGREGATE SURFACE COURSE TYPE B 90 TON X \$30/TON .....	\$2,700
MOBILIZATION & DEMOB .....	\$1,500
FLAGMAN 2 DAYS X \$1,300/DAY.....	\$2,600
RR LIABILITY INSURANCE.....	\$6,000
OIL AND CHIP.....	\$800
CONTINGENCIES .....	\$1,400
TOTAL.....	<del>\$21,660</del> 15,000

ILLINOIS COMMERCE COMMISSION  
STIPULATED AGREEMENT 1362

Date 12/24/08

Spring Garden Township Board meeting on DECEMBER 8, 2008,  
(Date)

Resolved to authorize HARLAN PAYNE - ROAD COMMISSIONER  
(Name, Office)

to act as its designated agent in the processing of this Stipulated Agreement, and that Spring Garden Township is financially willing and able to pay a portion of the cost for the proposed improvements as outlined in Section 5 of this Agreement.

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

**PROJECT STATUS REPORT**

**TYPE: (CHECK ONE)**

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

DATE	12-26-08
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**PROJECT INFORMATION:**

Reporting Party:	Spring Garden Township
Docket/Order #; Date:	T08-0172
Status Reports Due:	
Ordered Completion Date:	
Completion Report Due <sup>1</sup> :	
AAR/DOT#, RR Milepost:	167 602E, 285.97-CC
Street, (in/near) City, County:	E. Midnight Road, near Bonnie, Jefferson County
Railroad Company:	Union Pacific Railroad 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:	Harlan Payne
Title:	Highway Commissioner
Representing:	Spring Garden Township Road District
Street Address:	15809 E. Michigan Rd.
City, State, Zip:	Ina, IL 62846
Office Phone:	618-437-5671
Office Fax:	
Cellular Phone:	
E-Mail Address:	

<sup>2</sup>Project Manager Information to be submitted by Spring Garden Township.

**DESCRIPTION OF IMPROVEMENTS ORDERED:**

Improve east highway approach grade to meet the minimum requirements of 92 Ill. Admin. Code 1535.

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

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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 East Capitol Avenue  
Springfield, IL 62701

If you have questions contact:

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

A **Form 3 Petition** 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	<b><u>And</u></b>	Chief of Data Services Illinois Department of Transportation 2300 S. Dirksen Parkway, Room 318 Springfield, IL 62764
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**ILLINOIS COMMERCE COMMISSION  
TRANSPORTATION DIVISION / RAIL SAFETY SECTION**

**PROJECT STATUS REPORT**

**TYPE: Install AFLS/Gates.**

PROGRESS	
COMPLETION <sup>1</sup>	

DATE	12-26-08
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**PROJECT INFORMATION:**

Reporting Party:	Union Pacific Railroad Company
Docket/Order #; Date:	T08-0172
Status Reports Due:	
Ordered Completion Date:	
Completion Report Due <sup>1</sup> :	
AAR/DOT#, RR Milepost:	167 602E, MP 285.97 – CC
Street, (in/near) City, County:	E. Midnight Road (near) Bonnie, Jefferson
Railroad Company:	Union Pacific Railroad 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:	David W. McKernan
Title:	Manager Industry and Public Projects
Representing:	Union Pacific Railroad
Street Address:	100 N. Broadway, Suite 1500
City, State, Zip:	St. Louis, MO 63102
Office Phone:	314-331-0682
Office Fax:	402-501-2520
Cellular Phone:	
E-Mail Address:	dwmckern@up.com

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

**DESCRIPTION OF IMPROVEMENTS ORDERED:**

- Install new automatic flashing light signals and gates controlled by constant warning time circuitry.
- Install temporary STOP signs.

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

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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 East Capitol Avenue  
Springfield, IL 62701

If you have questions contact:

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

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