

STATE OF ILLINOIS



ILLINOIS COMMERCE COMMISSION TRANSPORTATION DIVISION / RAIL SAFETY SECTION

Michael E. Stead

Rail Safety Program Administrator

November 12, 2011

Mr. John Venice
Manager Industry & Public Projects
Union Pacific Railroad Company
301 West Lake Street
Northlake, IL 60164

Mr. Darrell Lewis, P.E.
Engineer of Local Roads and Streets
Illinois Department of Transportation
2300 S. Dirksen Parkway, Room 205
Springfield, IL 62764
ATTN: Jeff Harpring

Mr. Lyle Sword
Highway Commissioner
Ashton Township Road District
506 N. 1st Street
Ashton, IL 61006

Dear Gentlemen:

Enclosed is revised Stipulated Agreement 1530, which addresses proposed improvements at the Willow Road (**AAR/DOT #175 139S, railroad milepost 86.93**) highway-rail grade crossing of the Union Pacific Railroad Company's tracks located in Ashton Township, Lee County, Illinois.

The revisions account for the following:

1. Lee County requested that it not be a party to the agreement given the Township has jurisdiction of Willow Road, and the County is not involved in the improvements identified for the Willow Road crossing of the UP tracks.
2. The UP has provided an updated cost estimate for Exhibit B. The costs have been updated in the Cost Division Table and Note 1 in Section 5. Also, Note 1 was revised to identify that installation costs in excess of the estimate, "will be paid by the Department upon submittal and review of evidence to support the additional cost." The original version had identified the Company.
3. Language was added at the end of Section 7 to provide information on where the UP should submit bills for reimbursement of project costs. This is standard language that was inadvertently excluded from the original agreement.

Messrs. Venice, Lewis & Sword
November 12, 2010
Page Two

Thank you for your prompt attention to this matter. If you have any questions, or need additional information, please contact Brian Vercruysse, Senior Railroad Safety Specialist, at (312) 636-7760 or bvercruy@icc.illinois.gov.

Very truly yours,

A handwritten signature in black ink, appearing to read "Michael E. Stead". The signature is fluid and cursive, with the first name being the most prominent.

Michael E. Stead
Rail Safety Program Administrator

Enclosure

cc: Dave Anderson, Lee County
Mike Payette, UP

**STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION
STIPULATED AGREEMENT 1530**

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

WITNESSETH:

WHEREAS, it has come to the attention of the Commission, through application for assistance from the Grade Crossing Protection Fund, that inquiry should be made into the matter of improving public safety at the Willow Road highway-rail grade crossing of the Company's track in Ashton Township, Lee County, Illinois, designated as crossing AAR/DOT #175 139S, railroad milepost 86.93 respectively; and

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

WHEREAS, the physical aspects, including geometrics of the intersection, train movements, vehicular traffic volume and other pertinent data relating to the crossings 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 subject crossings should be:

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

Section 3 The Company has prepared a detailed cost estimate to accomplish the proposed safety improvements at the Willow Road crossing. The cost estimate is attached and incorporated herein by reference as Exhibit B. The Company has also prepared detailed drawing, circuit plans, and required specifications for review by Commission Staff.

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.

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

- COST DIVISION TABLE -

IMPROVEMENT	EST. COST	GCPF	IDOT	TOWNSHIP	COMPANY
Install Automatic Flashing Light Signals and Gates, controlled by CWT Circuitry at Willow Road	\$283,914	(0%) \$0	(100%) \$283,914 ¹	(0%) \$0	(0%) \$0
TOTALS	\$283,914	\$0	\$283,914	\$0	\$0^{2,3}

Notes:

¹ Total IDOT assistance not to exceed \$283,914; any installation costs above the estimated amount of \$283,914 will be paid by the Department upon submittal and review of evidence to support the additional cost.

² Company responsible for all future operating and maintenance costs associated with the new automatic warning devices at the Willow Road crossing.

³ Company is responsible for all maintenance costs associated with the existing/temporary STOP signs prior to installation of the active warning devices.

Section 6 Ashton Township is not required to pay any portion of the cost for the proposed improvements.

Section 7 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 at the Willow Road crossing will be performed by

railroad crews, no 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 Exhibit C, along with this executed Agreement.

The Company shall, within six (6) months from the date of the Commission Order approving this Agreement, submit to the Director of Processing and Information, Transportation Bureau of the Commission, a Project Status Report, attached as Exhibit C, regarding the progress it has made toward completion of the work required by this Agreement. The 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 South Dirksen Parkway, Springfield, Illinois 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 12th month from the completion date specified in the Commission Order approving this Agreement, or any Supplemental Order(s) issued for this project, conduct a review to determine if any unused assistance from the Grade Crossing Protection Fund should be deobligated. Upon completion of the review, the Commission shall notify the Department to deobligate all residual funds accountable for installation costs for this project. Notification may be by regular mail, electronic mail, fax, or phone.

Section 8 Billing: For all work specified in Section 2 of this Agreement, and authorized by an Order of the Commission, the Company shall assure that sufficient documentation for all bills is made available for review by the Department 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 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 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 account code for the project.
- e) Supervision - Copies of employee work hours charged to the railroad 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.

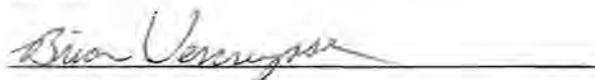
In Witness Whereof, the parties have caused this Agreement to be executed by their duly authorized officers, as of the dates indicated on their respective Execution Pages, attached hereto.

Executed by the Commission this 21st day of October, 2010.



Michael E. Stead
Rail Safety Program Administrator

Attest:



Brian Vercruyse
Senior Rail Safety Specialist

Illinois Commerce Commission Stipulated Agreement 1530, executed by Commission Staff on October 21, 2010, concerning improvements at the Willow Road highway-rail grade crossing of the Union Pacific Railroad Company's tracks in Ashton Township, Lee County, Illinois, designated as crossing AAR/DOT #175 139S, railroad milepost 86.93.

Executed by Ashton Township this 15 day of NOVEMBER 2010.

ASHTON TOWNSHIP ROAD DISTRICT

By: 
HIGHWAY COMMISSIONER

Illinois Commerce Commission Stipulated Agreement 1530, executed by Commission Staff on October 21, 2010, concerning improvements at the Willow Road highway-rail grade crossing of the Union Pacific Railroad Company's tracks in Ashton Township, Lee County, Illinois, designated as crossing AAR/DOT #175 139S, railroad milepost 86.93.

Executed by Union Pacific Railroad Company this 1ST day of DECEMBER, 2010.

UNION PACIFIC RAILROAD COMPANY

By: John J. Horvath
AVP ENGINEERING

Attest:

Maureen Fong Hinners

Maureen Fong Hinners
Assistant Secretary

Approved as to form: [Signature]
Assistant Vice President

Illinois Commerce Commission Stipulated Agreement 1530, executed by Commission Staff on October 21, 2010, concerning improvements at the Willow Road highway-rail grade crossing of the Union Pacific Railroad Company's tracks in Ashton Township, Lee County, Illinois, designated as crossing AAR/DOT #175 139S, railroad milepost 86.93.

Executed by the Illinois Department of Transportation this 6th day of December 2010.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

By: Christine M. Reed_{DWL}
Christine M. Reed, Director of Highways

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

GENERAL INFORMATION: See Location Sketch

RAILROAD	Union Pacific Railroad Company
USDOT#, MILEPOST	175 139S; MP 86.93
STREET, CITY, COUNTY	Willow Road, near Franklin Grove, Lee County
JURISDICTION (RDWY)	Ashton Township
LOCATION	Rural/Agriculture
STREET SURFACE	Gravel

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

TRACK (W-E or N-S)	SURFACE TYPE	SURFACE WIDTH	SURFACE CONDITION
1N	Concrete Panel	29 -feet	Good
2S	Concrete Panel	29 - feet	Good

ROADWAY DATA: See Location Sketch

INTERSECTING ROADS:	Track Road
TRAFFIC CONTROL	Not Applicable
ADT & SPEED	50 vehicles per day at 55 MPH (Not Posted)
TRAFFIC TYPE	Passenger, Farming
ADVANCE WARNING	None
PAVEMENT MARKING	None

RAILROAD DATA: See Location Sketch

FREIGHT TRAFFIC	63 Per day @ 70 MPH max - Day & Night
PASSENGER TRAFFIC	Not Applicable
WARNING DEVICES	Crossbuck/Yield Signs

NOTES:

VISIBILITY STUDY: See Location Sketch

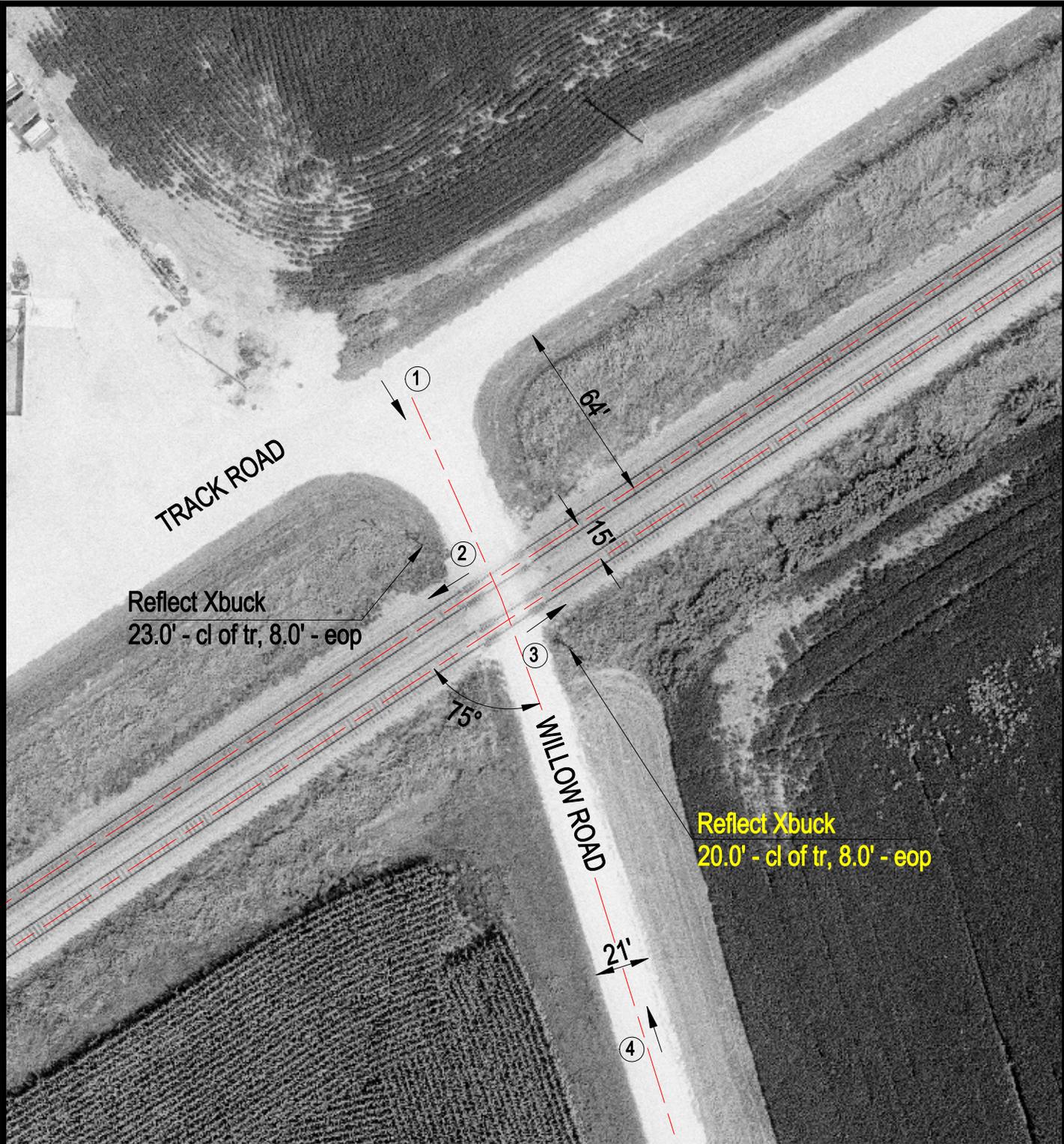
Train Speed	40	MPH
Roadway Speed	55	MPH
Required Stopping Sight Distance (SSD)		
Along Roadway	483	FEET
Along Tracks	409	FEET
Required Clearing Sight Distance (CSD) (Along Tracks)	951	FEET

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

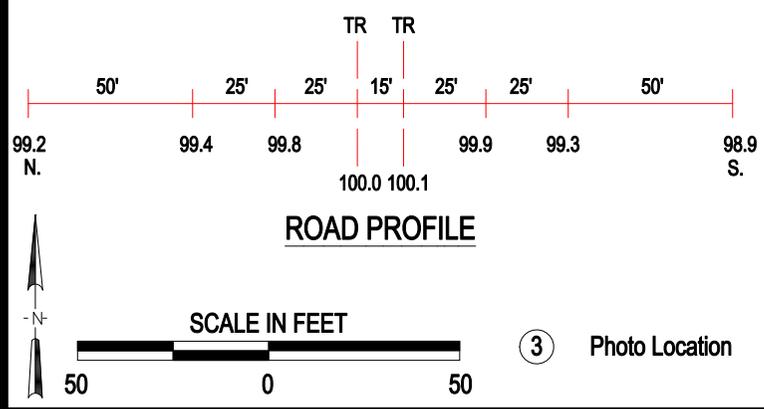
COMMENTS:

Crossing Meets Profile Requirements of 92 IAC 1535.

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



J:\LEE\175139S\175139S.DWG 03/15/00 08:31 TFC



③ Photo Location

Crossing #:	175139S
Location:	Lee Co., City of Franklin Grove (N)
Lat/Long:	41°50'55" / 89°16'43"
Railroad:	UP
Street:	Willow Road
Railroad Milepost:	86.93
Crossing Protection:	Signs

DATE: 2010-10-28

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

THIS ESTIMATE GOOD FOR 6 MONTHS EXPIRATION DATE IS :2011-04-28

DESCRIPTION OF WORK:
 INSTALL AUTOMATIC FLASHING LIGHT CROSSING SIGNALS
 WITH GATES AND REMOTE LOCATION AT FRANKLIN GROVE, IL
 WILLOW - M.P. 86.93 - GENEVA SUB - DOT #175139S
 WORK TO BE PERFORMED BY RAILROAD WITH EXPENSE AS BELOW:
 SIGNAL - FEDERAL / STATE - 100%
 ESTIMATED USING FEDERAL ADDITIVES - 105.61%

PID: 66235 AWO: 02059 MP,SUBDIV: 86.93, GENEVA
 SERVICE UNIT: 02 CITY: FRANKLIN GROVE STATE: IL

DESCRIPTION	QTY	UNIT	LABOR	MATERIAL	RECOLL	UPRR	TOTAL
ENGINEERING WORK							
ENGINEERING			7329		7329		7329
LABOR ADDITIVES 105.61%			12757		12757		12757
SIG-HWY XNG			4821		4821		4821
TOTAL ENGINEERING			24907		24907		24907
SIGNAL WORK							
BILL PREP			900		900		900
CONTRACT				9590	9590		9590
LABOR ADDITIVE 105.61%			50657		50657		50657
MATL STORE EXPENSE				9	9		9
METER SERVICE				5000	5000		5000
PERSONAL EXPENSES				26544	26544		26544
ROCK/GRAVEL/FILL				6000	6000		6000
SALES TAX				3836	3836		3836
SIGNAL			47066	95901	142967		142967
TRANSP/IB/OB/RCLW CONTR				13503	13503		13503
ENVIRONMENTAL-PERMITS				1	1		1
TOTAL SIGNAL			98623	160384	259007		259007
LABOR/MATERIAL EXPENSE			123530	160384			
RECOLLECTIBLE/UPRR EXPENSE					283914	0	
ESTIMATED PROJECT COST							283914

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.

WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

RAILROAD: UPRR CO.
 LOCATION: FRANKLIN GROVE, IL, WILLOW
 DEPARTMENT: ENGINEERING SERVICES

PROJ NO: 66235
 A.W.O. NO: 02059
 W.O. NO:
 B.I. NO: 09EN10
 STATE: IL
 VAL SEC: 1103A

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

ITEM NUMBER	ITEM DESCRIPTION	UNIT COST	QTY	UM	DIRECT MATL \$
02040420	BATTERY,GNB, 50A13, 318 AH.	191.88	12	EA	2303
02040540	BATTERY,GNB, 50A19, 475 AH.	253.74	7	EA	1776
09010800	CABLE SPLICING KIT. N-2	29.97	2	EA	60
09011240	CABLE TIE, NYLON 1 1/8" MAX. DIA	0.02	200	EA	4
09011980	CABLE TIE, NYLON 3 1/2" MAX. DIA	0.18	20	EA	4
09014950	CIRCUIT BRKR,120/240V 20A 2 POLE	14.60	1	EA	15
09054360	RELAY, GEN.PURPOSE 120V. TAB 856	4.92	1	EA	5
09057650	SOCKET,P-B 27E122 TAB 836A & 856	2.08	1	EA	2
09065700	TAPE, ELECTRICAL PLASTIC	3.14	2	RL	6
09066900	TERMINAL,SPADE,10-12 WIRE,#8 STUD	0.17	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	1.79	4	EA	7
09261570	321527-1 TERMINAL, TEST	1.72	15	EA	26
09401140	ADAPTER, 4 INCH CARLON PLASTIC	2.95	2	EA	6
09409820	BUSHING, 4" PLASTIC,INSULATING	0.82	2	EA	2
09424920	CONDUIT, 4", PVC, TYPE 40	1.90	40	LF	76
09467930	LOCKNUT, 4 INCH, GALVANIZED	5.19	2	EA	10
09844170	GROUND ROD, 5/8 INCH X 8 FEET	7.76	13	EA	101
09846750	GRND.ROD CONN. 4WAY ONESHOT.	5.18	13	EA	67
09908640	WIRE,#6 AWG.1 COND.COPPER,SOLID	0.38	325	LF	124
09912200	WIRE #6 AWG 2 CND 500'ROLL SHIELD	1.78	200	LF	356
09912400	WIRE #6 AWG 2 CND 500'RL. TK WIRE	1.18	500	LF	590
09913200	WIRE,#6, 5 COND 500'ROLL SHIELDED	3.40	500	LF	1700
09915610	WIRE #6 AWG 1 COND COPPER, STRAN	0.64	220	LF	141
09930550	WIRE #10 AWG 1 COND COPPER, STRAN	0.20	650	LF	130
09932310	WIRE #10 AWG 1 COND COPPER, TWIST	0.49	220	LF	108
09946070	WIRE #14 7 COND 1000'ROLL SHIELDE	1.45	1000	LF	1450
09946100	WIRE #14, 7 CND 500' ROLL SHIELDE	1.37	500	LF	685
09960090	WIRE #16 AWG 1 COND COPPER, STRAN	0.10	650	LF	65
09976180	WIRE,#22,TW.PR. BELDEN #8761	0.13	20	LF	3
13547870	SHEET METAL SCREW, #10 X 1 INCH	3.63	1	BX	4
13552450	SHEET METAL SCREW,#12 X 3/4"	2.10	2	BX	4
13553150	SHEET METAL SCREW #12 X 1"	3.03	2	BX	6
17061400	PADLOCK,SIGNAL,WITHOUT KEY,AMERIC	15.09	11	EA	166
28033210	CARTON, 39 1/8"L X 23 1/4"W X 17	5.70	1	EA	6
28033230	CARTON, 47 3/8"L X 39 1/2"W X 18"	11.10	1	EA	11

FORM 30-1

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WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

PROJ NO: 66235
 A.W.O. NO: 02059
 W.O. NO:
 B.I. NO: 09EN10
 STATE: IL
 VAL SEC: 1103A

RAILROAD: UPRR CO.
 LOCATION: FRANKLIN GROVE, IL, WILLOW
 DEPARTMENT: ENGINEERING SERVICES

28041880	PALLET, 48 X 40 INCH 2/WAY	9.79	2 EA	20
35040020	PLASTER OF PARIS, #DAP 10308	2.79	4 BX	11
39300710	SIGN, -2 TRACKS- MP STD PAGE 403.	18.21	2 EA	36
39340220	SIGN, HIGHWAY CROSSING	50.00	2 EA	100
52001370	SURGE PROTECTOR SP20-2A TAB 585	72.25	2 EA	145
52003630	POWER CABLE, CABIN TO GENERATOR -	148.20	1 EA	148
52005700	BOND WIRE, 7 STRANDS 100 LF. ROLL	0.76	500 LF	380
52016830	WIRE DUCT, 2X3	8.44	6 EA	51
52016940	WIRE DUCT, 3X3	10.11	7 EA	71
52017510	WIRE DUCT COVER 2"X6'	1.84	6 EA	11
52017620	WIRE DUCT COVER 3"X6'	2.72	6 EA	16
52019530	ENCLOSURE, SHUNT, POLE MOUNTED. 24X2	173.54	6 EA	1041
52019560	EQUALIZER, H.D. TAB 583	9.33	15 EA	140
52021550	FOUNDATION, 4', STEEL, FOR FL SHR/GAT	298.40	2 EA	597
52025260	HOUSE, 6X6, W/CLIMATE CONTROL	7498.90	1 EA	7499
52027350	CLIP BOARD - FOR SIGNAL PRINTS	8.02	1 EA	8
52027430	STEP BOX	16.30	1 EA	16
52028420	LIGHTNING ARRESTOR, CLR-COMM TAB 3	7.00	43 EA	301
52029780	LIGHTNING ARR, HD TAB 582 W/O BASE	10.07	4 EA	40
52030010	LIGHTNING ARRESTOR CONN. STRIP	3.92	4 EA	16
52039210	RECTIFIER, 20EC, 12V. TAB 575	278.04	3 EA	834
52042650	POST, MOUNTING, FOR SHUNT HOUSING	19.48	12 EA	234
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	40 EA	150
52072740	TERMINAL BLOCK, SIGNAL 12 POST 6 UN	15.22	1 EA	15
52072960	TERMINAL BLOCK, SIGNAL 12 POST	12.62	12 EA	151
52074570	TEST LINK, 1" CENTER TO CENTER	1.53	22 EA	34
52074580	TEST LINK, 2-3/8" CENTER TO CENTE	1.89	1 EA	2
52079550	WIRE TAG, PLASTIC - WHITE	0.14	100 EA	14
52079560	MARKING PEN (FOR WHITE TAG)	1.95	1 EA	2
52108180	LED-FL/GATE ASSY. 2WMM1W45FR	7618.30	1 EA	7618
52108220	LED-FL/GATE ASSY. 2WMM1W45FL&FR	8340.80	1 EA	8341
52109370	GATE ARM, ADJ. 16-32'	431.14	2 EA	862
52122140	HIGH WIND BRACKET 5" OR 4"	64.50	2 EA	129
52136470	SHEAR PIN, SK-1000-1	5.50	2 EA	11
52200250	AC ISOLATION UNIT, 8A466-3 TAB 722	831.16	4 EA	3325
52205800	GCP111 NO ISLAND #81KB-80110-0B00	13516.22	1 EA	13516
52207100	GRDXNG PRDTR GCP4000 2TK. MAX W/SE	15472.97	1 EA	15473
52214020	DUMMY LOAD, 2600 FT. TAB 644	37.16	2 EA	74
52232000	COUPLER, BI. DIR. 62664-285HZ TAB 627	894.26	2 EA	1789
52258590	NBS, TAB 641, 62775-1543	404.04	6 EA	2424
52263600	SURGE ARRESTOR, METER LOOP.	28.46	1 EA	28
52263690	SURGE PANEL - TAB 619	125.83	2 EA	252
52264040	SURGE PANEL - TAB 618	188.92	2 EA	378

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WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

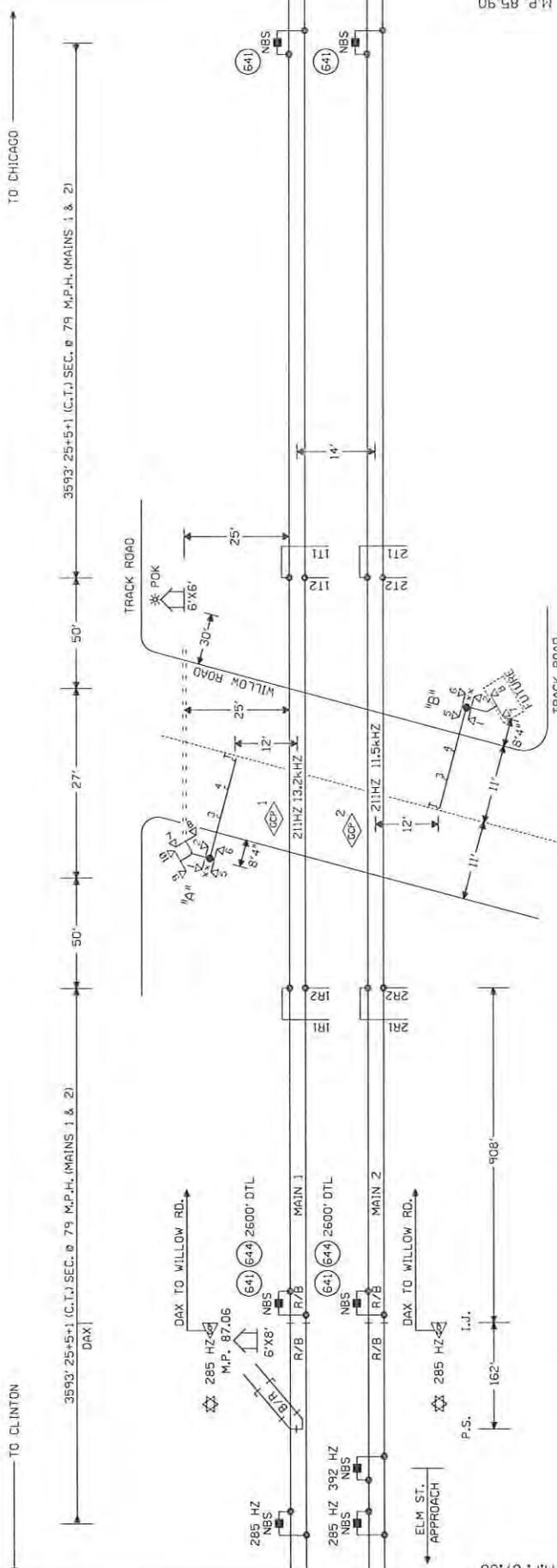
RAILROAD: UPRR CO.
LOCATION: FRANKLIN GROVE, IL, WILLOW
DEPARTMENT: ENGINEERING SERVICES

PROJ NO: 66235
A.W.O. NO: 02059
W.O. NO:
B.I. NO: 09EN10
STATE: IL
VAL SEC: 1103A

52264600 TRACK FILTER - TF 211	226.79	4 EA	907
52267000 TRANSCEIVER MODULE-#80012-GCP	1709.30	2 EA	3419
52267200 TRANSCEIVER MODULE. FOR GCP 4000	2890.58	2 EA	5781
52276150 SS XING CONTROLLER MODULE FOR GCP	1633.83	2 EA	3268
52278800 DAX MODULE #80016-GCP 3000D2	1157.53	2 EA	2315
52288000 UP DIGITAL CRTU 2 ANA KIT	2676.00	1 EA	2676
53648010 INSULATING CAP & SHIELD ASSY.	2.30	4 EA	9
53903460 EPD 120/240TDFL SURGE PROTECTOR	271.79	1 EA	272
53954500 180429-000 BOOTLEG KIT	49.81	10 EA	498

TOTAL 95,557

CONNECTS TO M.P. 85.90



- CONSTRUCTION NOTES:**
1. FIELD TO INSTALL 2-TRACK GCP 3000
 2. IN EXISTING SIGNAL CABIN AT M.P. 87.06.
 3. INSTALL 211 HZ EC FILTERS (TAB 729).
 4. AT M.P. 85.90 AND M.P. 87.06 (TOTAL 4 EA.).
 5. INSTALL CRTU.
 6. ORDER ALL MAST FOR SIGNAL B. BUT DO NOT ORDER SIDE LIGHTS.

- NOTES:**
- ⊗ = TWISTED WIRES INSULATED 1 TWIST PER FT. ALL TRACK WIRES 2C.*6
 - TRANSITTER 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.
 - ===== 4" X 40' CONDUIT
 - LIGHTS: LED LIGHTS
 - GATE A: 19'
 - GATE B: 19'
 - xx = BELL

W(S) ← ○ → (N)

CABLE TABULATION
 CABLE NO. 5 7C*14 TO M.P. 87.06

UNION PACIFIC RAILROAD		NEW SHEET	
FRANKLIN GROVE, ILLINOIS		SHEET NO. 1	
WILLOW ROAD		DOT: 179139S	
GENEVA SUBDIVISION		M.P.: 85.90	
OFFICE OF THE AVE ENGINEER - Signal/TEC		ID: GEN8693.1X	
Date: 01/25/10	Drawn: ISIS	Checked: BLT	Approved: D059
UNION PACIFIC		UNION PACIFIC RAILROAD	
MODIFICATION LEVEL		DATE	
G.A. LAST LEVEL CHECKED	DS	01/25/10	
LAST LEVEL MOD THIS TYPICAL	DS		
LAST LEVEL BY DESIGNER	DS		
CHANGED FROM TYPICAL	Y		
UNION PACIFIC		UNION PACIFIC RAILROAD	
SIGNAL DESIGN		SIGNAL DESIGN	

CONNECTS TO M.P. 87.06

TO CHICAGO

TO CLINTON

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

PROJECT STATUS REPORT

TYPE: (CHECK ONE)

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

DATE	<input type="text"/>
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PROJECT INFORMATION:

Reporting Party:	Union Pacific Railroad Company
Docket/Order #; Date:	
Status Reports Due:	
Ordered Completion Date:	
Completion Report Due ¹ :	
AAR/DOT#, RR Milepost:	
Street, (in/near) City, County:	
Railroad Company:	

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

PROJECT MANAGER INFORMATION²:

Name:	<input type="text"/>
Title:	<input type="text"/>
Representing:	<input type="text"/>
Street Address:	<input type="text"/>
City, State, Zip:	<input type="text"/>
Office Phone:	<input type="text"/>
Office Fax:	<input type="text"/>
Cellular Phone:	<input type="text"/>
E-Mail Address:	<input type="text"/>

DESCRIPTION OF IMPROVEMENTS ORDERED:

- (a) Installation of automatic flashing light signals and gates, controlled by Constant Warning Time Circuitry (CWT) at the Willow Road highway-rail grade crossing, by the Company.
- (b) Installation of temporary Stop Signs at the Willow Road crossing, by the Company.

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

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

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

If you have questions contact:

Brian Vercruysse, Senior Railroad Safety Specialist
Phone: 312-636-7760
Email: bvercruy@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/hg/library.aspx?key=Railroad%20Safety>

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

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

Submit Inventory forms to:

Federal Railroad Administration Office of Safety 1120 Vermont Avenue, NW Washington, DC 20590	<u>And</u>	Chief of Data Services Illinois Department of Transportation 2300 S. Dirksen Parkway, Room 318 Springfield, IL 62764
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