

**STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION
STIPULATED AGREEMENT NO. 1149**

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"), Nachusa Township ("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 from the Grade Crossing Protection Fund that inquiry should be made into the matter of improving public safety at the Robbins Road highway-rail grade crossing of the Company's track in Nachusa Township, near the Village of Franklin Grove in Lee County, Illinois, designated as crossing AAR/DOT #175 147J, railroad milepost 91.85-CNWA; and

WHEREAS, proper investigation has been made of the circumstances surrounding the subject crossing by a diagnostic team including 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) The Company should install 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.

- (b) The Company should reconstruct the crossing surface.

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

The Company shall upon a Commission Order, according to the requirements contained therein, prepare and submit duplicate copies of detailed drawings, detailed circuit plans, and any required specifications for the proposed improvements for the approval of the Commission. The Company agrees that an appropriate time for the submission of plans should be ninety (90) days from the date of a Commission Order approving this Agreement.

The Township has received an invoice for the roadway approach improvements north of the crossing, which were determined necessary during the diagnostic review, and completed in the Fall of 2005. The work was completed in advance of this agreement, as fill material was available from an Interstate 88 project. The invoice is attached and incorporated herein by reference as Exhibit B-1. Motor Fuel Tax funds were not utilized for this work.

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	TOWNSHIP	COMPANY	IDOT
Install Automatic Flashing Light Signals and Gates, controlled by CWT Circuitry	\$255,984	(95%) \$243,185 ¹	\$0	(5%) 12,799 ²	\$0
Modify Existing Highway Approaches	\$41,598	\$0	(100%) ³ \$41,598	\$0	\$0
Reconstruct Existing Crossing Surface.	No Estimate Required	\$0	\$0	100% ⁴	\$0
TOTALS	\$297,582	\$243,185	\$41,598	\$12,799	\$0

Notes:

1. Total Grade Crossing Protection Fund (GCPF) assistance not to exceed \$243,185; any installation costs above the estimated amount of \$255,984 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.
2. Company responsible for all future operating and maintenance costs associated with the new

- automatic warning devices.
3. The Township has received an invoice for the roadway approach improvements north of the crossing, which were determined necessary during the diagnostic review, and completed in the Fall of 2005. The work was completed in advance of this agreement, as fill material was available from an Interstate 88 project. The invoice is attached and incorporated herein by reference as Exhibit B-1. Motor Fuel Tax funds were not utilized for this work. The Township is responsible for all future maintenance costs associated with the highway approaches.
 4. Company responsible for all future maintenance costs associated with the new crossing surface.

Section 7 Special Provisions: 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, at six (6) month intervals from the date of the Commission Order approving this Agreement, submit to the Director of Processing and Information, Transportation Bureau of the Commission, a Project Status Report, attached as Exhibit C, regarding the progress it has made toward completion of the work required by this Agreement. Each Project Status Report shall include the Commission Order's docket number, the Order date, the project completion date as noted in the Order, crossing information (inventory number and railroad milepost), type of improvement, and the name, title, mailing address, phone number, facsimile number, and electronic mailing address of the Company Project Manager.

All bills for work specified in Section 2 of this Agreement authorized for reimbursement from the Grade Crossing Protection Fund shall be submitted to the Fiscal Control Unit, Bureau of Local Roads and Streets, Illinois Department of Transportation, 2300 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, 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 provide sufficient documentation for all bills. The minimum documentation requirements are:

- 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.

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 17th day of January 2006.



Michael E. Stead
Rail Safety Program Administrator

Attest:



Brian A. Vercruysse
Rail Safety Specialist

Illinois Commerce Commission Stipulated Agreement No. **1149** concerning safety improvements at the Robbins Road (**AAR/DOT #175 147J, railroad milepost 91.85-CNWA**) highway-rail grade crossing of the Union Pacific Railroad Company's track, located in Nachusa Township, near the Village of Franklin Grove, Lee County, Illinois.

Executed by Nachusa Township Road District this 31 day of January 2006.

NACHUSA TOWNSHIP ROAD DISTRICT

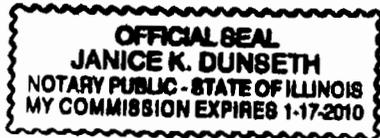
By: Rick Appelquist

RECEIVED
JAN 31 2006

Illinois Commerce Commission
RAIL SAFETY SECTION

Attest:

Janice K. Dunseth



Illinois Commerce Commission Stipulated Agreement No. **1149** concerning safety improvements at the Robbins Road (**AAR/DOT #175 147J, railroad milepost 91.85-CNWA**) highway-rail grade crossing of the Union Pacific Railroad Company's track, located in Nachusa Township, near the Village of Franklin Grove, Lee County, Illinois.

Executed by the Illinois Department of Transportation this 21st day of February 2006.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

By: 
Milton R. Sees, Director of Highways/Chief Engineer

Illinois Commerce Commission Stipulated Agreement No. 1149 concerning safety improvements at the Robbins Road (**AAR/DOT #175 147J, railroad milepost 91.85-CNWA**) highway-rail grade crossing of the Union Pacific Railroad Company's track, located in Nachusa Township, near the Village of Franklin Grove, Lee County, Illinois.

Executed by the Union Pacific Railroad Company this 32nd day of July 2006.

UNION PACIFIC RAILROAD COMPANY

By:



AVP ENGINEERING

Attest:



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

GENERAL INFORMATION: See Location Sketch

RAILROAD	Union Pacific Railroad
USDOT#, MILEPOST	175 147J, MP 91.85
STREET, CITY, COUNTY	Robbins Road, near Franklin Grove, Lee County
JURISDICTION (RDWY)	Nachusa Township
LOCATION	Rural/Agriculture
STREET SURFACE	Gravel, 18' Wide in OK Condition

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

TRACK (W-E or N-S)	SURFACE TYPE	SURFACE WIDTH	SURFACE CONDITION
1N	Timber/Asphalt	7-feet	Poor
2	Timber Asphalt	7-feet	Poor

ROADWAY DATA: See Location Sketch

INTERSECTING ROADS:	Not Applicable
TRAFFIC CONTROL	Not Applicable
ADT & SPEED	100 vehicles per day at 55 MPH
TRAFFIC TYPE	Passenger, School Bus, and Farming
ADVANCE WARNING	Yes
PAVEMENT MARKING	Not Applicable

RAILROAD DATA: See Location Sketch

FREIGHT TRAFFIC	58 Per day @ 70 MPH max - Day & Night
PASSENGER TRAFFIC	Not Applicable
WARNING DEVICES	Crossbuck and STOP Signs

NOTES:

VISIBILITY STUDY: See Location Sketch

Train Speed	70	MPH
Roadway Speed	55	MPH
Required Stopping Sight Distance (SSD)		
Along Roadway	483	FEET
Along Tracks	721	FEET
Required Clearing Sight Distance (CSD) (Along Tracks)	1680	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	*	Not Applicable	*	Not Applicable
NW	*	Berm /Embankment Private Property	*	Berm /Embankment Private Property
SE	*	Not Applicable	*	Not Applicable
SW	*	Berm /Embankment Private Property	*	Berm /Embankment Private Property

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

APPROACH GRADES: See Location Sketch

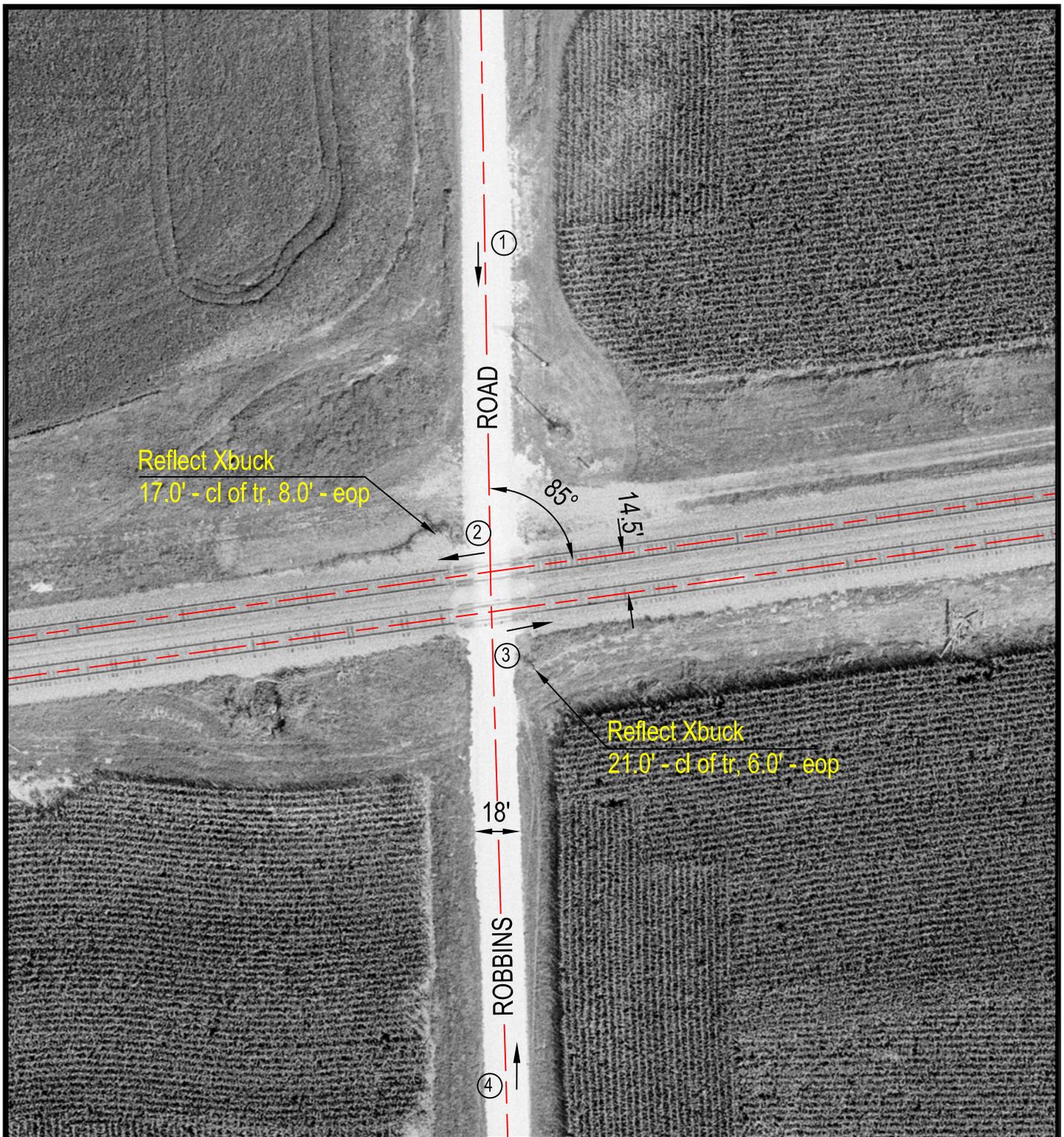
DIRECTION: NORTH			DIRECTION: SOUTH		
DISTANCE (FT)	ELEVATION (FT)	GRADE (%)	DISTANCE (FT)	ELEVATION (FT)	GRADE (%)
0	100.1	--	0	100.0	--
25	Was 99.3 Improved 99.8	3.2 1.2	25	99.8	1.2
50	Was 97.3 Improved 99.6	8 0.8	50	99.1	2.8
100	Was 95.1 Improved 98.4	4.4 2.4	100	99.0	0.2

Distance measured from outermost rail.

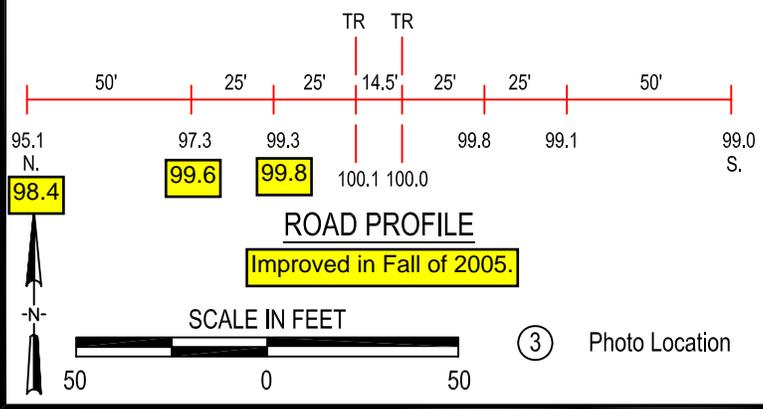
COMMENTS:

Roadway Profile Measurements completed by ICC Staff on 1/13/06.

See Page 3 for a Location Sketch (Aerial Photo) of the crossing (shows old elevations on North Approach).



J:\LEE\175147J\175147.LDWG 03/15/00 10:19 TFC



Crossing #: 175147J
 Location: Lee Co., City of Nachusa (N)
 Lat/Long: 41°50'00" / 89°22'15"
 Railroad: UP
 Street: Robbins Road
 Railroad Milepost: 91.85
 Crossing Protection: Signs

DATE: 2005-11-09

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

DESCRIPTION OF WORK:
INSTALL LED FL SIGNALS W/GATES AND CMT IN NEW CABIN AT ROBBINS ROAD IN
NACHUSA, IL. M.P. 91.85 ON THE GENEVA SUB.
SIGNAL PROJECT MANAGER: RON NASH 595-3275
RAILROAD TO PERFORM ALL WORK / COST DISTRIBUTED AS FOLLOWS:
SIGNAL - FEDERAL GOVERNMENT 85% - STATE OF ILLINOIS 10% - UPRR 5%

PID: 51821 AMO: 49671 MP,SUBDIV: 91.85, GENEVA
SERVICE UNIT: 02 CITY: NACHUSA STATE: IL

DESCRIPTION	QTY	UNIT	LABOR	MATERIAL	RECOLL	UPRR	TOTAL
ENGINEERING WORK							
ENGINEERING			5493		5218	275	5493
LABOR ADDITIVE 103.45%			10042		9540	502	10042
SIG-HWY XNG			4215		4004	211	4215
TOTAL ENGINEERING			19750		18762	988	19750
SIGNAL							
BILL PREP			900		855	45	900
CONTRACT				9607	9126	481	9607
EARTH FILL/ROCK				1100	1045	55	1100
FIELD WELD			55		52	3	55
LABOR ADDITIVE 103.45%			30983		29434	1549	30983
METER SERVICE				5000	4750	250	5000
OTM 235%			1020		3695	4478	4715
CONTINGENCIES				23271	22107	1164	23271
PERSONAL EXPENSES				23250	22087	1163	23250
SIG-HWY XNG			27507		26132	1375	27507
TRANSPORTATION CHARGES				6830	6488	342	6830
WELD				526	500	26	526
TOTAL SIGNAL			60465	175769	224420	11814	236234
LABOR/MATERIAL EXPENSE 80215 175769							
RECOLLECTIBLE/UPRR EXPENSE					243182	12802	
ESTIMATED PROJECT COST							255984
EXISTING REUSEABLE MATERIAL CREDIT					0		
SALVAGE NONUSEABLE MATERIAL CREDIT					0		
RECOLLECTIBLE LESS CREDITS							

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
 WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

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RAILROAD: UPRR CO.
 LOCATION: NACHUSA, IL, ROBBINS RD, GENEVA SUB.
 DEPARTMENT: ENGINEERING SERVICES

PROJ NO: 51821
 A.W.O. NO: 49671
 W.O. NO:
 B.I. NO: 05EN10
 STATE: IL
 VAL SEC: 1103A

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

ITEM NUMBER	ITEM DESCRIPTION	UNIT COST	QTY	UM	DIRECT MATL \$
02040380	BATTERY, GNB, 45A13 OR 50A11	147.66	6	EA	886
02040660	BATTERY, GNB, 75A23 OR 50A27	298.71	13	EA	3883
09011240	CABLE TIE, NYLON 1 1/8" MAX. DIA	0.02	200	EA	4
09011980	CABLE TIE, NYLON 3 1/2" MAX. DIA	0.13	20	EA	3
09014950	CIRCUIT BRKR, 120/240V 20A 2 POLE	14.28	1	EA	14
09015690	CIRCUIT BREAKER, 120/240V 30A AC	5.99	3	EA	18
09054360	RELAY, GEN PURPOSE 120V, TAB 856	5.86	3	EA	18
09057650	SOCKET, P-B 27E122 TAB 836A & 856	1.94	3	EA	6
09065700	TAPE, ELECTRICAL PLASTIC	2.86	2	RL	6
09066900	TERMINAL, SPADR, 10-12 WIRE, #8 STUD	0.12	20	EA	2
09137100	TERM. LUG 3/16 CABLE-1/4 POST 2412	0.49	60	EA	29
09215100	33466 TERMINAL, RING TONGUE AMP	0.19	24	EA	5
09260350	TERMINAL, #16-14 #8 SPADE	0.06	45	EA	3
09261420	321524-1 TERMINAL, TEST 16-22 A	1.62	4	EA	6
09261570	321527-1 TERMINAL, TRST	1.53	15	EA	23
09401140	ADAPTER, 4 INCH CARLON PLASTIC	2.80	2	EA	6
09409820	BUSHING, 4" PLASTIC, INSULATING	0.76	2	EA	2
09424920	CONDUIT, 4", PVC, TYPE 40	1.54	60	LP	92
09467930	LOCKNUT, 4 INCH, GALVANIZED	5.12	2	EA	10
09602970	LAMP, HALOGEN, 10V, 25W	4.15	1	EA	4
09844170	GROUND ROD, 5/8 INCH X 8 FEET	5.66	11	EA	62
09846750	GRND. ROD CONN. 4WAY ONESHOT.	4.72	11	EA	52
09908640	WIRE, #6 AWG, 1 COND. COPPER, SOLID	0.14	275	LF	39
09912200	WIRE #6 AWG 2 COND 500' ROLL SHIELD	1.27	1000	LP	1270
09913200	WIRE, #6, 5 COND 500' ROLL SHIELDED	2.22	500	LF	1110
09915610	WIRE #6 AWG 1 COND COPPER, STRAN	0.38	245	LF	93
09930550	WIRE #10 AWG 1 COND COPPER, STRAN	0.15	880	LF	132
09932310	WIRE #10 AWG 1 COND COPPER, TWIST	0.31	120	LF	37
09946100	WIRE #14, 7 COND 500' ROLL SHIELDE	1.04	500	LF	520
09960090	WIRE #16 AWG 1 COND COPPER, STRAN	0.09	500	LF	45
09976180	WIRE, #22, TW. PR. BELDEN #8761	0.07	20	LF	1
13547870	SHEET METAL SCREW, #10 X 1 INCH	1.30	1	BX	1
13552450	SHEET METAL SCREW, #12 X 3/4"	1.64	2	BX	3
13553150	SHEET METAL SCREW #12 X 1"	2.97	1	BX	3
17061400	PADLOCK, SIGNAL, WITHOUT KEY, AMERIC	13.99	8	EA	112
28033210	CARTON, 39 1/8"L X 23 1/4"W X 17	3.78	1	EA	4
28033230	CARTON, 47 3/8"L X 39 1/2"W X 18"	9.74	1	EA	10
28041880	PALLET, 48 X 40 INCH 2/WAY	8.53	2	EA	17
35040010	PLASTER OF PARIS, DENTAL GRADE	1.03	25	LB	26
39300710	SIGN, -2 TRACKS- MP STD PAGE 403.	17.85	2	EA	36

FORM 30-1

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WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

RAILROAD: UPRR CO.
 LOCATION: NACHUSA, IL, ROBBINS RD, GENEVA SUB.
 DEPARTMENT: ENGINEERING SERVICES

PROJ NO: 51821
 A.W.O. NO: 49671
 W.O. NO:
 B.I. NO: 05EN10
 STATE: IL
 VAL SEC: 1103A

39340220	SIGN, HIGHWAY CROSSING	50.00	2 EA	100
39369480	SIGN MOUNTING KIT 5"	123.00	2 EA	246
41276600	ADHESIVE, WELD TAGS, RTV SILICON	3.86	2 EA	8
52000450	SURGE PROTECTOR SP18-2A	110.00	2 EA	220
52000920	SURGE PROTECTOR SP19-2A TAB 586	65.92	2 EA	132
52001370	SURGE PROTECTOR SP20-2A TAB 585	67.56	3 EA	203
52003630	EXTENSION CORD - 12'	66.94	1 EA	67
52005690	BOND WIRE, 7 STRANDS	0.49	600 LF	294
52016830	WIRE DUCT, 2X3	8.44	15 EA	127
52016940	WIRE DUCT, 3X3	9.82	2 EA	20
52017510	WIRE DUCT COVER 2"X6'	1.84	14 EA	26
52017620	WIRE DUCT COVER 3"X6'	2.12	5 EA	11
52019530	ENCLOSURE, SHUNT, POLE MOUNTED. 24X2	154.90	4 EA	620
52019560	EQUALIZER, H.D. TAB 583	8.92	28 EA	250
52019600	EXTERNAL ANALOG MODULE. FOR CRTU.	123.00	2 EA	246
52021550	FOUNDATION, 4', STEEL, FOR FLSHR/GAT	195.97	2 EA	392
52025240	HOUSE, 6X6, SIGNAL KING	4278.72	1 EA	4279
52027350	CLIP BOARD - FOR SIGNAL PRINTS	7.20	1 EA	7
52027430	STEP BOX	14.53	1 EA	15
52028420	LIGHTNING ARRESTOR, CLR-COMM TAB 3	6.77	36 EA	244
52029780	LIGHTNING ARR, HD TAB 582 W/O BASE	9.56	20 EA	191
52030010	LIGHTNING ARRESTOR CONN. STRIP	4.02	4 EA	16
52039210	RECTIFIER, 20BC, 12V. TAB 575	271.27	2 EA	543
52039390	RECTIFIER, 40BC, 12V. TAB 577	375.27	1 EA	375
52040460	RESISTER, ADJ. 5 OHM, TAB 90	12.75	1 EA	13
52041200	RESISTANCE UNIT, ADJ. 10 OHM. TAB 9	23.29	1 EA	23
52042650	POST, MOUNTING, FOR SHUNT HOUSING	9.46	8 EA	76
52068650	TERMINAL, #6 - 5 WIRE - RING TYPE	0.16	25 EA	4
52070010	TERMINAL, #12-10 WIRE, RING TONGUE	0.08	300 EA	24
52071600	TERMINAL, #20-16 WIRE, RING TONGUE	0.06	150 EA	9
52072280	TERMINAL BLOCK, SIGNAL 2 POST BAK	2.25	90 EA	203
52072740	TERMINAL BLOCK, SIGNAL 12 POST 6	8.94	1 EA	9
52072960	TERMINAL BLOCK, SIGNAL 12 POST	6.93	4 EA	28
52074550	TEST LINK, INSULATED ASSEMBLY TAB	0.66	15 EA	10
52074660	SWITCH, MCKEN TAB 82	13.90	1 EA	14
52074670	ARD-1, TAB 548	114.30	4 EA	457
52074710	TRK CIR, BC4+, RRH UPCAB. TAB 502	3626.61	2 EA	7253
52074970	CAB SIGNAL GENERATOR, 100 HZ CAB	1384.65	4 EA	5539
52079550	WIRE TAG, PLASTIC - WHITE	0.12	100 EA	12
52079560	MARKING PEN (FOR WHITE TAG)	1.95	1 EA	2
52092200	CRTU. W/CBLEMETRY TRANSCRIBER	1711.00	1 EA	1711
52108120	LED FL/GATE ASSY. 2 WAY LIGHTS	7195.39	2 EA	14391
52109370	GATE ARM, ADJ. 16-32'	477.95	2 EA	956
52122140	HIGH WIND BRACKET 5"OR 4"	63.99	2 EA	128
52136470	SHEAR PIN, SK-1000-1	5.50	2 EA	11
52200300	EVENT ANALYZER RECORDER (SEARIII)	2158.12	1 EA	2158

FORM 30-1
 WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

PAGE 06 MORE

RAILROAD: UPRR CO.
 LOCATION: NACHUSA, IL, ROBBINS RD, GENEVA SUB.
 DEPARTMENT: ENGINEERING SERVICES

PROJ NO: 51821
 A.W.O. NO: 49671
 W.O. NO:
 B.I. NO: 05EN10
 STATE: IL
 VAL SEC: 1103A

52207150	GRD XING PREDICTR GCP 4000 6TK.MA	16107.57	1 EA	16108
52231750	COUPLER, BI.DIR. 62664-211HZ TAB627	661.32	4 EA	2645
52258590	NBS, TAB 641, 62775-1543	378.25	4 EA	1513
52263600	SURGE ARRESTOR, METER LOOP.	28.48	1 EA	28
52263690	SURGE PANEL - TAB 619	130.79	3 EA	392
52264040	SURGE PANEL - TAB 618	196.31	1 EA	196
52264600	TRACK FILTER - TP 211	205.67	4 EA	823
52267200	TRANSCRIVER MODULE. FOR GCP 4000	3034.00	8 EA	24272
52276150	SS XING CONTROLLER MODULE FOR GCP	1699.28	2 EA	3399
52278850	INTELLIGENT LIGHT OUT DETECTOR IL	378.45	2 EA	757
52745830	RELAY, NEUTRAL, B1 TAB 884 & 884A	222.90	4 EA	892
52773800	RELAY BRACKET HOLDS 2 B1 RELAYS.	81.97	2 EA	164
52776370	RELAY PLUGBOARD, GRS B1, TAB 900	32.05	4 EA	128
52777970	FLAG TERMINAL, FOR GRS, 14-10	0.77	30 EA	23
52778110	FLAG TERMINAL, FOR GRS, 20-16	0.70	30 EA	21
52779280	RELAY TEST TERM, GRS B1	6.67	4 EA	27
53311490	EXTRACTOR FOR "B" TERMINALS P3-308	9.56	1 EA	10
53311510	TEST NUT WRENCH. GRS #P3-320	33.01	1 EA	33
53648010	INSULATING CAP & SHIELD ASSY.	2.02	4 EA	8
53903460	EPD 120/240TDFL SURGE PROTECTOR	250.72	1 EA	251
53954500	180429-000 BOOTLEG KIT	46.60	12 EA	559
55016500	RAIL ANCHOR 6" INCH BASE UNIT	1.29	960 EA	1238
55255300	FIELD WELD KIT, 136# ONE SHOT	59.94	8 EA	480
55264570	PACKING SAND, PRR-MIXED (PER SACK)	22.43	1 CA	36
55264930	REFRACTORY PASTE	1.83	2 EA	4
55322140	136# INS JT PLUG HH LH ANGCUT 15-	614.33	4 EA	2457

TOTAL

106,720

AFT Excavating
 1341 IL Rt. 38
 Franklin Grove, IL 61031

Invoice

Date	Invoice #
1/8/2006	9

Bill To
Nachusa Township 1341 IL Rt 38 Franklin Grovc, IL 61031

Item	Quantity	Description	Rate	Amount
Road Fill	3,234.87	Tons Robbins Road and RR Tracks	1.50	4,852.31
Trucking	3,234.87	Tons "	5.00	16,174.35
Bank and Ditch Dirt	2,571.41	Tons "	3.00	7,714.23
Trucking	2,571.41	Tons "	5.00	12,857.05
Total				\$41,597.94

All Fill				
Station to	Station	Fill		
10+50	11+00	312.57	Cu. Yds.	473.5436 Tons
11+00	11+50	506.31	Cu. Yds.	767.0597 Tons
11+50	12+00	633.49	Cu. Yds.	959.7374 Tons
12+00	12+50	640.19	Cu. Yds.	969.8879 Tons
12+50	13+00	592.95	Cu. Yds.	888.3193 Tons
13+00	13+50	269.08	Cu. Yds.	407.6562 Tons
13+50	14+00	388.97	Cu Yds	589.2896 Tons
14+00	14+50	277.85	Cu. Yds.	420.9428 Tons
14+50	15+00	154.75	Cu. Yds.	234.4463 Tons
15+00	15+50	56.37	Cu. Yds.	85.40055 Tons
15+50	16+00			
16+00	16+50			
Totals:				5606.283 Tons

RAP Density 100 to 125lbs/ft3
 1.35 to 1.68 tons/cu.yd.

Average Tons 1.515 Tons

Road Fill				
Station to	Station	Fill		
10+50	11+00	182.44	Cu. Yds.	276.3966 Tons
11+00	11+50	249.16	Cu. Yds.	377.4774 Tons
11+50	12+00	289.89	Cu. Yds.	439.1834 Tons
12+00	12+50	306.54	Cu. Yds.	464.4081 Tons
12+50	13+00	305.77	Cu. Yds.	463.2416 Tons
13+00	13+50	287.6	Cu. Yds.	435.714 Tons
13+50	14+00	139.07	Cu. Yds.	210.6911 Tons
14+00	14+50	204.13	Cu. Yds	309.257 Tons
14+50	15+00	122.25	Cu. Yds.	185.2088 Tons
15+00	15+50	48.38	Cu. Yds.	73.2957 Tons
15+50	16+00			
16+00	16+50			
Totals:				3234.873 Tons

RAP Density 100 to 125lbs/ft3
 1.35 to 1.68 tons/cu.yd.

Average Tons 1.515 Tons

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

PROJECT STATUS REPORT:

TYPE: (CHECK ONE)

PROGRESS	<input type="checkbox"/>
COMPLETION*	<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#, Milepost:	175 147J, MP 91.85
Street, (in/near) City, County:	Robbins Road in Nachusa Township, Near Franklin Grove
Railroad Company:	Union Pacific Railroad

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

PROJECT MANAGER INFORMATION²:

Name:	John Venice
Title:	Manager Special Projects – Industry & Public Projects
Representing:	Union Pacific Railroad Company
Street Address:	301 West Lake Street
City, State, Zip:	Northlake, IL 60164
Office Phone:	708-649-5210
Office Fax:	
Cellular Phone:	
E-Mail Address:	jnvenice@up.com

²Project Manager information to be submitted by Roadway Authority and Railroad Company

DESCRIPTION OF IMPROVEMENT(S) ORDERED:

Installation of automatic flashing light signals and gates with a bell, controlled by constant warning time circuitry, and equipped with an event recorder and a remote monitoring system.

The reconstruction of the crossing surface.

STATUS OF WORK:

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

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

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

If you have questions contact:

Brian Vercruysse, Railroad Safety Specialist
Phone: (630) 424-8750
Email: bvercruy@icc.illinois.gov

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

<http://www.icc.illinois.gov/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 Springfield, IL 62764
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