

**STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION
STIPULATED AGREEMENT 1169**

T07-0061

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"), Moccasin 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 by selection through the APV Reduction Program that inquiry should be made into the matter of improving public safety at the TR 121 highway-rail grade crossing of the Company's track near Altamont, Effingham County, designated as crossing AAR/DOT #424 041C, railroad milepost 217.01-CC; 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 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 the proposed improvements to the crossing upon a 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 TR 121 crossing within 30 days of a Commission Order for the installation of new automatic warning devices, by the Company.
- (c) Reconstruction of the highway approaches to the crossing to meet the minimum requirements of 92 Ill. Adm. Code 1535.204, by the Township.

Section 3 The Company has prepared detailed drawings, circuit plans, and a preliminary cost estimate to accomplish the proposed safety improvements, which may be required by Commission Order. The drawings, circuit plans, and cost estimate are attached and incorporated herein by reference as Exhibit B, pages 1-4.

The Township has prepared a preliminary cost estimate to accomplish the proposed roadway approach grade improvements which may be required by Commission Order. The cost estimate is attached and incorporated herein by reference as Exhibit C. Also attached with the cost estimate is a copy of the Township's Budget and Appropriation Ordinance. According to the budget, the Township only generates \$55,000 per year from the General Road Fund levy. The Township states that it cannot afford to pay for the highway approach improvement and requests the GCPF pay 100% of the cost for said improvements. Staff has reviewed the documents and has no objection to the GCPF paying 100% of the cost for the highway approach improvements, as outlined in Section 2(c) and Section 5, herein.

The Township shall upon Order, according to the requirements contained therein, prepare and submit a copy of the detailed plans, cost estimate, and any required specifications for the proposed improvements to the Department's District 7 office for approval. The Township 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 Department shall provide notice (via phone, electronic mail, standard mail, or fax) to the Commission within forty-five (45) calendar days after it has received the final construction drawings, estimate of cost, and any required specifications for the proposed improvements from the Township. The notice shall indicate Department approval or disapproval of the final construction drawings, estimates of cost and any required specifications for the proposed improvements.

Section 4 The Company and Township shall upon Order, according to the requirements contained therein, proceed toward the completion of the proposed improvements, accomplishing the work with their own forces or appropriate contracted services and agree 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	\$217,631	95% \$206,750 ¹	0% \$0	5% Remainder ²	0% \$0
Modify Existing Highway Approaches.	\$74,000	100% \$74,000 ³	\$0 ⁴	\$0	\$0
Install temporary STOP Signs, if ordered	No Estimate Required	\$0	\$0	100% ⁵	\$0
TOTALS	\$291,631	\$280,750	\$0	\$10,881	\$0

Notes:

¹ Total Grade Crossing Protection Fund (GCPF) assistance not to exceed \$206,750; any installation costs above the estimated amount of \$217,631 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 submitted required documentation of its poor financial condition and requests that the GCPF pay its costs for the improvement of the highway approaches to the TR 121 crossing. The cost division table reflects this request and the GCPF participation shall not exceed \$74,000.

⁴ Township responsible for all future maintenance costs associated with the highway approaches.

⁵ Company responsible for all future maintenance costs associated with the temporary STOP Signs, if ordered.

Section 6 Special Provisions: The Company shall contact the Township at least two weeks prior to the commencement of the work required of it in order for the City to arrange for traffic control.

Since the warning device improvement at the subject crossings will be performed by railroad crews, flagging or contractor liability insurance will not be required for said work.

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

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

The Company and Township 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 each 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 Township Project Manager.

All bills for work specified in Section 2(a) 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.

All bills for work specified in Section 2(c) authorized for reimbursement from the Grade Crossing Protection Fund shall be submitted to Maureen Kastl in the District 7 Office, Bureau of Local Roads and Streets, Illinois Department of Transportation, 400 West Wabash, Effingham, IL 62401-2699. 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 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 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 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

- e) 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 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.

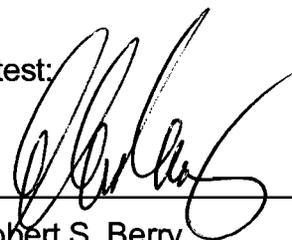
In Witness Whereof, the parties have caused this Agreement to be executed by their duly authorized officers, as of the dates indicated on their respective Execution Pages, attached hereto.

Executed by the Commission this 19th day of April 2007.



Michael E. Stead
Rail Safety Program Administrator

Attest:



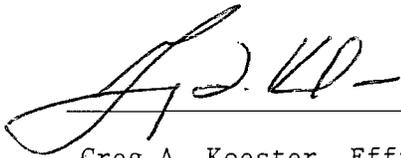
Robert S. Berry
Rail Safety Specialist

Illinois Commerce Commission Stipulated Agreement No. 1169, executed by Commission Staff on _____, 2007, concerning improvements at the TR 121 highway-rail grade crossing of the Union Pacific Railroad Company's tracks near the Village of Altamont, Effingham County, Illinois, designated as crossing AAR/DOT 424 041C, milepost 217.01 CC.

Executed by the Township this 30th day of April, 2007.

By: James B. Johnson

Attest:



Greg A. Koester, Effingham County Engineer

Illinois Commerce Commission Stipulated Agreement No. 1169, executed by Commission Staff on _____, 2007, concerning improvements at the TR 121 highway-rail grade crossing of the Union Pacific Railroad Company's tracks near the Village of Altamont, Effingham County, Illinois, designated as crossing AAR/DOT 424 041C, milepost 217.01 CC.

Executed by the Department this 23rd day of ^{May}~~April~~, 2007.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

Illinois Commerce Commission Stipulated Agreement No. 1169, executed by Commission Staff on _____, 2007, concerning improvements at the TR 121 highway-rail grade crossing of the Union Pacific Railroad Company's tracks near the Village of Altamont, Effingham County, Illinois, designated as crossing AAR/DOT 424 041C, milepost 217.01 CC.

Executed by the Company this 31st day of ~~April~~^{July}, 2007.

UNION PACIFIC RAILROAD COMPANY

By: Thomas J. Ogee
AVP ENGINEERING

Approved as to Form

W. A. Fuller

Attest:

C. W. Saylor

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

GENERAL INFORMATION: See Location Sketch

RAILROAD	Union Pacific Railroad Company
USDOT#, MILEPOST	AAR/DOT "424 041C, milepost 217.01CC
STREET, CITY, COUNTY	TR 121 in Moccasin Township, Effingham County
JURISDICTION (RDWY)	Moccasin Township
LOCATION	Near Altamont
STREET SURFACE	Oil and Chip

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

TRACK (N-S)	SURFACE TYPE	SURFACE WIDTH	SURFACE CONDITION
Main	Sectional timber	19 feet	Fair

ROADWAY DATA: See Location Sketch

INTERSECTING ROADS:	None
TRAFFIC CONTROL	None
ADT & SPEED	100 @ 55 MPH (unposted)
TRAFFIC TYPE	Passenger, School Busses, Hazardous Materials
ADVANCE WARNING	Yes
PAVEMENT MARKING	No

RAILROAD DATA: See Location Sketch

FREIGHT TRAFFIC	11 @ 60 MPH freight train movements, Day & Night
PASSENGER TRAFFIC	None
WARNING DEVICES	Crossbucks with YIELD signs

NOTES:

VISIBILITY STUDY: See Location Sketch

Train Speed		60 MPH
Roadway Speed		55 MPH
Required Stopping Sight Distance (SSD)		
Along Roadway		520 FEET
Along Tracks		647 FEET
Required Clearing Sight Distance (CSD) (Along Tracks)		1441 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	*		*	Seasonal
NW	*		*	Seasonal
SE	*		*	Seasonal
SW	*		*	Seasonal

*Note: The installation of automatic flashing light signals and gates (AFLS&G) eliminates the need to satisfy minimum Site Distance criteria.

APPROACH GRADES: See Location Sketch

DIRECTION: WEST			DIRECTION: EAST		
DISTANCE (FT)	ELEVATION (FT)	GRADE (%)	DISTANCE (FT)	ELEVATION (FT)	GRADE (%)
25 feet	1.4 ft. in 25 ft.	5.6%	25 feet	1.6 ft. in 25 ft.	6.4 %

Distance measured from outermost rail.

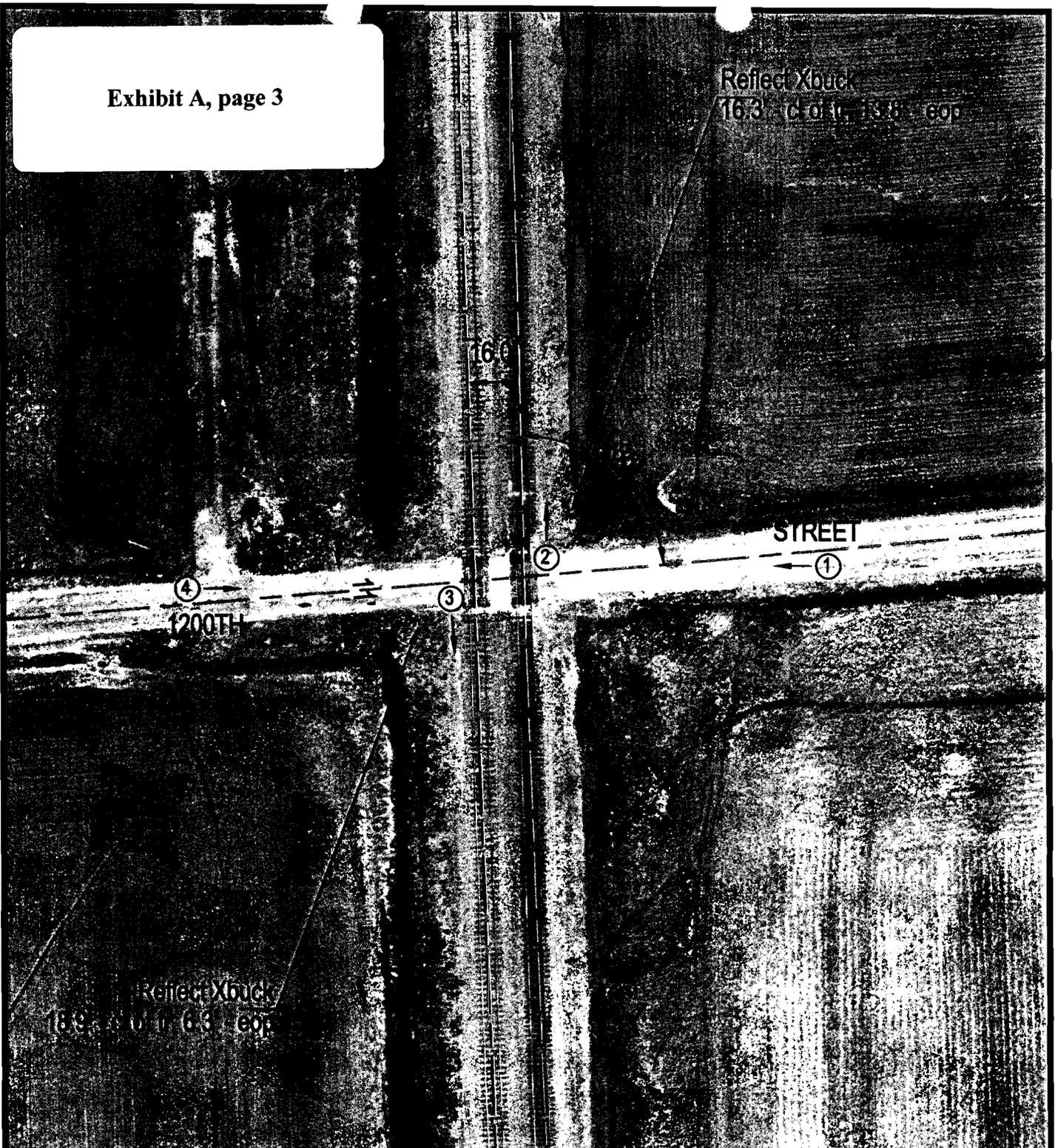
Both the east and west highway approach grades do not meet the requirements of 92 Ill. Adm. Code 1535.204.

COMMENTS:

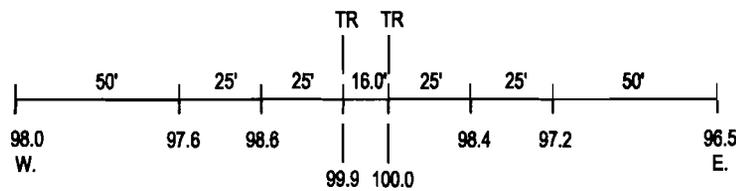
At the time of the highway/rail inspection, agricultural crops in all four crossing quadrants had already been harvested. If corn were planted in any of the four crossing quadrants, there would be inadequate stopping sight distance in those quadrants.

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

Reflect Xback
16.3' c of 11.198' eop



Reflect Xback
18.9' c of 11.63' eop



ROAD PROFILE



③ Photo Location

Crossing #: 424041C
 Location: Effingham Co., City of Altamont (N)
 Lat/Long: 39°05'16" / 88°45'26"
 Railroad: UP
 Street: 1200th Street
 Railroad Milepost: 217.01
 Crossing Protection: Signs

DATE: 2007-04-12

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

THIS ESTIMATE GOOD FOR 6 MONTHS EXPIRATION DATE IS :2007-10-12

DESCRIPTION OF WORK:
INSTALL LED FL SIGNALS W/GATES AND CMT IN NEW CABIN AT TR-121 IN
ALTAMONT, IL. M.P. 217.01 ON THE SALEM SUB.
SIGNAL PROJECT MANAGER: RON NASH 595-3275
RAILROAD TO PERFORM ALL WORK / COST DISTRIBUTED AS FOLLOWS:
SIGNAL - STATE OF IL. 85% - CITY OF ALTAMONT 10% - UPRR 5%

FID: 55275 AWO: 57016 MP,SUBDIV: 217.01, SALEM
SERVICE UNIT: 04 CITY: ALTAMONT STATE: IL

DESCRIPTION	QTY	UNIT	LABOR	MATERIAL	RECOLL	UPRR	TOTAL
ENGINEERING WORK							
ENGINEERING			1661		1577	84	1661
LABOR ADDITIVE 1744			10224		9713	511	10224
SIG-HWY XMG			4215		4004	211	4215
TOTAL ENGINEERING			16100		15294	806	16100
SIGNAL WORK							
BILL PREP			900		855	45	900
CONTRACT				7138	6781	357	7138
EARTH FILL/ROCK				4500	4275	225	4500
LABOR ADDITIVE 1744			46852		44509	2343	46852
METER SERVICE				500	475	25	500
PERSONAL EXPENSES				21750	20662	1088	21750
SALES TAX				3788	3599	189	3788
SIGNAL			26926	60619	81168	4377	87545
CONTINGENCIES				19785	18796	989	19785
TRANSPORTATION CHARGES				3879	3685	194	3879
NZ TRAFFIC CONTROL				4894	4649	245	4894
TOTAL SIGNAL			74678	126853	191454	10077	201531
LABOR/MATERIAL EXPENSE			90778	126853			
RECOLLECTIBLE/UPRR EXPENSE					206748	10883	
ESTIMATED PROJECT COST							217631
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.

WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

PROJ NO: 55275
 A.W.O. NO: 57016
 W.O. NO:
 B.I. NO: 06EW10
 STATE: IL
 VAL SEC: 1121

RAILROAD: UPRR CO.
 LOCATION: ALTAMONT, IL, TR-121, SALEM SUB.
 DEPARTMENT: ENGINEERING SERVICES

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

ITEM NUMBER	ITEM DESCRIPTION	UNIT COST	QTY	UM	DIRBCT MATL \$
02040540	BATTERY,GNB, 75A13 OR 50A19, ABSO	224.96	6	EA	1350
02040660	BATTERY,GNB, 75A23 OR 50A27, ABSO	298.71	7	EA	2091
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	14.59	2	EA	29
09054360	RELAY, GEN.PURPOSE 120V. TAB 856	4.76	1	EA	5
09057650	SOCKET,P-B 27E122 TAB 836A & 856	1.73	1	EA	2
09065700	TAPE, ELECTRICAL PLASTIC	2.54	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
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	1.59	15	EA	24
09401140	ADAPTER, 4 INCH CARLON PLASTIC	3.31	2	EA	7
09409820	BUSHING, 4" PLASTIC, INSULATING	0.80	2	EA	2
09424920	CONDUIT, 4", PVC, TYPE 40	2.21	50	LF	111
09467930	LOCKNUT, 4 INCH, GALVANIZED	5.17	2	EA	10
09844170	GROUND ROD, 5/8 INCH X 8 FEET	7.26	11	EA	80
09846750	GRND.ROD CONN. 4WAY ONESHOT.	5.02	11	EA	55
09908640	WIRE,#6 AWG.1 COND.COPPER,SOLID	0.46	275	LF	127
09912200	WIRE #6 AWG 2 COND 500'ROLL SHIELDED	1.69	500	LF	845
09913200	WIRE,#6, 5 COND 500'ROLL SHIELDED	2.98	500	LF	1490
09915610	WIRE #6 AWG 1 COND COPPER, STRAN	0.50	145	LF	73
09930550	WIRE #10 AWG 1 COND COPPER, STRAN	0.20	780	LF	156
09932310	WIRE #10 AWG 1 COND COPPER, TWIST	0.42	120	LF	50
09946100	WIRE #14, 7 COND 500' ROLL SHIELDED	1.30	500	LF	650
09960090	WIRE #16 AWG 1 COND COPPER, STRAN	0.15	650	LF	98
09976180	WIRE,#22,TW.PR. BELDEN #8761	0.11	20	LF	2
13547870	SHEET METAL SCREW, #10 X 1 INCH	1.46	1	BX	1
13552450	SHEET METAL SCREW,#12 X 3/4"	2.07	2	BX	4
13553150	SHEET METAL SCREW #12 X 1"	3.03	2	BX	6
17061400	PADLOCK,SIGNAL,WITHOUT KEY,AMERIC	14.77	8	EA	118
28033210	CARTON, 39 1/8"L X 23 1/4"W X 17	4.31	1	EA	4
28033230	CARTON, 47 3/8"L X 39 1/2"W X 18"	10.94	1	EA	11
28041880	PALLET, 48 X 40 INCH 2/WAY	8.33	2	EA	17
35040010	PLASTER OF PARIS, DENTAL GRADE	0.90	25	LB	23
39340220	SIGN, HIGHWAY CROSSING	50.00	2	EA	100
52001370	SURGE PROTECTOR SP20-2A TAB 585	66.21	2	EA	132
52003190	BOND WIRE, 7 INCH LONG, 5/16 DIA.	5.59	100	EA	559

WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

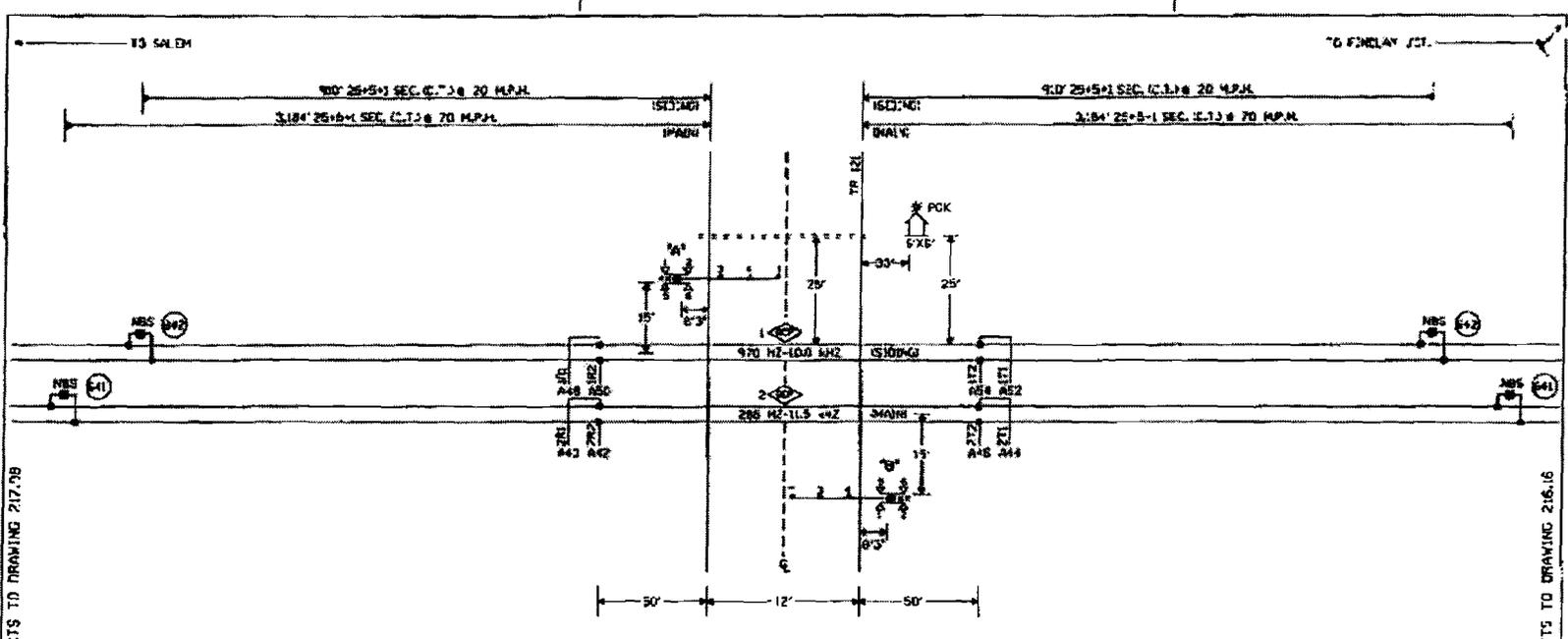
RAILROAD: UPRR CO.
 LOCATION: ALTAMONT, IL, TR-121, SALEM SUB.
 DEPARTMENT: ENGINEERING SERVICES

PROJ NO: 55275
 A.W.O. NO: 57016
 W.O. NO:
 B.I. NO: 06BN10
 STATE: IL
 VAL SRC: 1121

52003630	POWER CABLE, CABIN TO GENERATOR -	67.43	1 EA	67
52005700	BOND WIRE, 7 STRANDS 100 LF. ROLL	0.78	400 LF	312
52016830	WIRE DUCT, 2X3	8.44	9 EA	76
52016940	WIRE DUCT, 3X3	9.82	6 EA	59
52017510	WIRE DUCT COVER 2"X6'	1.84	9 EA	17
52017620	WIRE DUCT COVER 3"X6'	2.70	6 EA	16
52019530	ENCLOSURE, SHUNT, POLE MOUNTED. 24X2	163.50	4 EA	654
52019560	EQUALIZER, H.D. TAB 583	8.83	15 EA	132
52021550	FOUNDATION, 4', STEEL, FOR PLSHR/GAT	239.59	2 EA	479
52025240	HOUSE, 6X6, SIGNAL XING	4900.06	1 EA	4900
52027350	CLIP BOARD - FOR SIGNAL PRINTS	8.02	1 EA	8
52027430	STEP BOX	16.31	1 EA	16
52028420	LIGHTNING ARRESTOR, CLR-COMM TAB 3	6.72	34 EA	228
52029780	LIGHTNING ARR, HD TAB 582 W/O BASE	9.42	4 EA	38
52030010	LIGHTNING ARRESTOR CONN. STRIP	3.94	4 EA	16
52039210	RECTIFIER, 208C, 12V. TAB575	273.98	1 EA	274
52039390	RECTIFIER, 408C, 12V. TAB577	371.23	1 EA	371
52042650	POST, MOUNTING, FOR SHUNT HOUSING	12.17	8 EA	97
52068650	TERMINAL, #6 - 5 WIRE - RING TYPE	0.16	55 EA	9
52070010	TERMINAL, #12-10 WIRE, RING TONGUE	0.08	300 EA	24
52071600	TERMINAL, #20-16 WIRE, RING TONGUE	0.07	150 EA	11
52072280	TERMINAL BLOCK, SIGNAL 2 POST BAK	2.25	60 EA	135
52072740	TERMINAL BLOCK, SIGNAL 12 POST 6	8.95	1 EA	9
52072960	TERMINAL BLOCK, SIGNAL 12 POST	12.49	4 EA	50
52074550	TEST LINK, INSULATED ASSEMBLY TAB	0.66	15 EA	10
52074660	SWITCH, MCKEEN TAB 82	13.90	1 EA	14
52079550	WIRE TAG, PLASTIC - WHITE	0.12	100 EA	12
52079560	MARKING PEN (FOR WHITE TAG)	1.95	1 EA	2
52108120	LED PL/GATE ASSY. 2 WAY LIGHTS	7376.13	2 EA	14752
52109370	GATE ARM, ADJ. 16-32'	482.36	2 EA	965
52122140	HIGH WIND BRACKET 5"OR 4"	63.99	2 EA	128
52136470	SHEAR PIN, SK-1000-1	5.50	2 EA	11
52207100	GRD XING PREDICTR GCP 4000 2TK.MA	15768.00	1 EA	15768
52258590	NBS, TAB 641, 62775-1543	373.55	2 EA	747
52258850	NBS, TAB 642, 62775-3497	306.84	2 EA	614
52263600	SURGE ARRESTOR, METER LOOP.	28.46	1 EA	28
52263690	SURGE PANEL - TAB 619	128.32	1 EA	128
52264040	SURGE PANEL - TAB 618	192.38	1 EA	192
52267200	TRANSCIEVER MODULE. FOR GCP 4000	2952.81	2 EA	5906
52276150	SS XING CONTROLLER MODULE FOR GCP	1665.23	2 EA	3330
52280820	DC CODE ISOLATION UNIT TAB 724	533.00	2 EA	1066
53648010	INSULATING CAP & SHIELD ASSY.	1.98	4 EA	8
53903460	EPD 120/240TDPL SURGE PROTECTOR	269.85	1 EA	270
53954500	180429-000 BOOTLEG KIT	49.09	8 EA	393

TOTAL

60,620



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 MANUFACTURER'S RECOMMENDATION.
- TOP OF FOUNDATION TO BE AT SAME ELEVATION AS THE SURFACE OF THE TRACKED WAY & NO MORE THAN 4" ABOVE THE SURFACE OF THE GROUND.
- ALL BUNGION WIRING TO BE #10 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 DIAG FOR BUNGION WIRING.
- ALL LIGHTS TO BE 12" ROUNDELS.
- ***** 4"X 30" CONDUIT
- LIGHTS: LED LIGHTS
- GATE A: 14'
- GATE B: 14'
- xx = BELL

CONSTRUCTION NOTE:

1. INSTALL #10-112 L.R. PULLHEAD WELDED BONDS AND #10-32 L.R. CATCHED WIRE CONNECTIONS ON S.O.B.G. TRACK FOR CROSSING APPROACHES.

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**EFFINGHAM COUNTY RAILROAD CROSSING
MOCCASIN TOWNSHIP
ESTIMATE OF COST**

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL
20200100	EARTH EXCAVATION	CU YD	700	\$ 8.00	\$ 5,600.00
20400800	FURNISHED EXCAVATION	CU YD	1000	\$ 15.00	\$ 15,000.00
20800150	TRENCH BACKFILL	CU YD	48	\$ 30.00	\$ 1,440.00
25001000	SEEDING CLASS II (SPECIAL)	AC	0.4	\$ 2,500.00	\$ 1,000.00
35101400	AGGREGATE BASE COURSE, TYPE B, 6"	TON	500	\$ 30.00	\$ 15,000.00
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	450	\$ 4.00	\$ 1,800.00
40300300	BITUMINOUS MATERIALS COVER (COVER AND SEAL COSTS)	GAL	900	\$ 4.00	\$ 3,600.00
40300500	COVER COAT AGGREGATE	TON	14	\$ 35.00	\$ 490.00
40300600	SEAL COAT AGGREGATE	TON	14	\$ 35.00	\$ 490.00
542D0217	PIPE CULVERT, CLASS D, TYPE 1, 12"	FT	40	\$ 15.00	\$ 600.00
542D0223	PIPE CULVERT, CLASS D, TYPE 1, 18"	FT	40	\$ 23.00	\$ 920.00
542D0229	PIPE CULVERT, CLASS D, TYPE 1, 24"	FT	100	\$ 30.00	\$ 3,000.00
X5013800	PIPE CULVERT REMOVAL	LS	1	\$ 300.00	\$ 300.00
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LS	1	\$ 10,000.00	\$ 10,000.00
	RAILROAD DITCH CLEANOUT	LS	1	\$ 5,000.00	\$ 5,000.00
	MISCELLANEOUS CONSTRUCTION	LS	1	\$ 4,760.00	\$ 4,760.00
	TOTAL Engineering CRB			\$ 5,000	\$ 68,000.00

\$ 74,000 CRB

Prepared By: *TOTAL*
MILANO & GRUNLOH ENGINEERS, LLC
March 13, 2007
Job #06291

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

PROJECT STATUS REPORT:

TYPE: (CHECK ONE)

PROGRESS	√
COMPLETION*	

DATE	8-14-07
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PROJECT INFORMATION:

Reporting Party:	Moccasin Township of Effingham County
Docket/Order #; Date:	T 07-0061
Status Reports Due:	
Ordered Completion Date:	
Completion Report Due ¹ :	
AAR/DOT#, Milepost:	AAR/DOT 424 041C, milepost 217.01 CC
Street, (in/near) City, County:	TR 121, in Moccasin Township, Effingham County
Railroad Company:	Union Pacific Railroad Company

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

PROJECT MANAGER INFORMATION²:

Name:	Jim Tipsword	Greg Koester
Title:	Board Commissioner	Effingham County Engineer
Representing:	Moccasin Township of Effingham County	
Street Address:	1584 E 1600th Ave	PO Box 504
City, State, Zip:	Beecher City, IL 62414	Effingham, IL 62401
Office Phone:	(618) 483-5318	(217) 342-
Office Fax:		(217) 342-6124
Cellular Phone:		(217) 821-7385
E-Mail Address:		gkoester@co.effingham.il.us

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

DESCRIPTION OF IMPROVEMENT(S) ORDERED:

Reconstruction of the highway approach grades to conform to the requirements of 92 Ill. Adm. Code 1535.204.

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:

Robert S. Berry, Railroad Safety Specialist
Phone: (217) 785-8434
Email: bberry@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.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 Springfield, IL 62764
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**ILLINOIS COMMERCE COMMISSION
TRANSPORTATION DIVISION / RAIL SAFETY SECTION**

PROJECT STATUS REPORT:

TYPE: (CHECK ONE)

PROGRESS	X
COMPLETION*	

8-14-07

DATE	T07-0061
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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:	AAR/DOT 424 041C, milepost 217.01 CC
Street, (in/near) City, County:	TR 121, in Moccasin Township, Effingham County
Railroad Company:	Union Pacific Railroad Company

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

PROJECT MANAGER INFORMATION²:

Name:	David McKernan
Title:	Manager-Industry & Public Projects
Representing:	Union Pacific Railroad Company
Street Address:	100 North 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

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

DESCRIPTION OF IMPROVEMENT(S) ORDERED:

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

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

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Robert S. Berry, Railroad Safety Specialist
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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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