

ORIGINAL

STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION
STIPULATED AGREEMENT 1403

709-0092

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"), Carlinville Township Road District ("Road District"), Macoupin County Highway Department ("County"), and the State of Illinois, Department of Transportation ("Department" or "IDOT").

WITNESSETH:

WHEREAS, it has come to the attention of the Commission through joint Department and Commission Staff investigation that inquiry should be made into the matter of improving public safety at the Shale Road highway-rail grade crossing of the Company's track near Carlinville, Macoupin County, Illinois, designated as crossing AAR/DOT #294 379B, railroad milepost 219.48-SSWNAO; 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 the proposed improvements at 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:

DOCKETED

- (a) Installation of automatic flashing light signals and gates with a bell, controlled by constant warning time circuitry, by the Company.
- (b) Installation of temporary STOP signs within 30 days of a Commission Order for the installation of new automatic warning devices, by the Company.
- (c) Reconstruction of the highway approach grades to meet the minimum requirements of 92 Ill. Adm. Code 1535, by the County (on behalf of the Road District).

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

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

Section 4 The Company and County 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	ROAD DISTRICT	COMPANY	IDOT
Install Automatic Flashing Light Signals and Gates, controlled by CWT Circuitry	\$282,442	\$0	\$0	\$0 ²	100% \$282,442 ⁴
Modify Existing Highway Approaches	\$98,343	100% \$98,343 ¹	\$0 ³	\$0	\$0
Install temporary STOP Signs	No Estimate Required	\$0	\$0	100% ⁵	\$0
TOTALS	\$380,785	\$98,343	\$0	\$0	\$282,442

Notes:

¹ Total Grade Crossing Protection Fund (GCPF) assistance for reconstruction of the highway approach grades not to exceed \$98,343; any highway approach grade improvement costs above the estimated amount of \$98,343 will be paid for by the Road District.

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

³ Road District responsible for all future maintenance costs associated with the highway approaches.

⁴ Total IDOT assistance, utilizing federal funds, for the installation of automatic warning devices not to exceed \$282,442.

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

Section 6 The Road District or the County 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 improvements at the subject crossing will be performed by railroad crews, no railroad flagging or railroad protective liability insurance will be required for said work.

Since the roadway improvements at the subject crossing will be performed by the County, railroad flagging, and railroad protective liability insurance will be required for said work.

The Company and County shall complete and submit the Project Manager Information portion of the Project Status Report sheet, attached as Exhibits D and D1, along with this executed Agreement.

The Company and County shall, at six (6) month intervals from the date of the Commission Order approving this Agreement, submit to the Director of Processing and Information, Transportation Bureau of the Commission, a Project Status Report, attached as Exhibits D and D1, 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 County Project Manager.

All bills for highway approach grade improvement work specified in Section 2 authorized for reimbursement from the Grade Crossing Protection Fund shall be submitted to the Department's District 6 Office, located at 126 E. Ash Street, Springfield, IL 62704, Attn: Terrence Fountain, Local Roads Engineer. All other bills for warning device improvement work specified in Section 2 of this Agreement authorized for reimbursement 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. 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, Orders or any Supplemental Order(s) issued for this project, notify the Department to de-obligate all residual GCPF assistance 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 and Road District 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 and Road District 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 and Road District account code for the project.
- e) Supervision - Copies of employee work hours charged to the Company and Road District 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 should include the beginning and ending date of the work accomplished for the invoice.
- h) Final or Progressive - Each invoice should be marked as a Progressive or a Final Invoice.
- i) Reference Numbers - Each invoice should include the AAR/DOT number, the ICC Order number and the state job number when federal funds are involved.
- j) Locations - Each invoice should 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 31st day of March 2009.



Michael E. Stead
Rail Safety Program Administrator

Attest:



John R. Saladino
Rail Safety Specialist

Illinois Commerce Commission Stipulated Agreement 1403, executed by Commission Staff on March 31, 2009, concerning improvements at the Shale Road (AAR/DOT #294 379B; railroad milepost 219.48-SSWNAO) highway-rail grade crossing of the Union Pacific Railroad Company's track, located near Carlinville, Macoupin County, Illinois.

Executed by Carlinville Township Road District this 3 day of April 2009.

CARLINVILLE TOWNSHIP ROAD DISTRICT

By: Aley Fones
Aley Fones
Carlinville Township Hwy
Commissioner

RECEIVED
APR 6 2009

Illinois Commerce Commission
RAIL SAFETY SECTION

Attest:

David M Boehm
Carlinville Township Supervisor

Illinois Commerce Commission Stipulated Agreement 1403, executed by Commission Staff on March 31, 2009, concerning improvements at the Shale Road (AAR/DOT #294 379B; railroad milepost 219.48-SSWNAO) highway-rail grade crossing of the Union Pacific Railroad Company's track, located near Carlinville, Macoupin County, Illinois.

Executed by Macoupin County Highway Department this 13th day of April 2009.

MACOUPIN COUNTY HIGHWAY DEPARTMENT

By: Thomas A Reinhard

Attest:

Jan M Davis

Illinois Commerce Commission Stipulated Agreement 1403, executed by Commission Staff on March 31, 2009, concerning improvements at the Shale Road (AAR/DOT #294 379B; railroad milepost 219.48-SSWNAO) highway-rail grade crossing of the Union Pacific Railroad Company's track, located near Carlinville, Macoupin County, Illinois.

Executed by the Illinois Department of Transportation this 5th day of June 2009.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

By: Christine M. Reed
Christine M. Reed, Director of Highways / Chief Engineer

Illinois Commerce Commission Stipulated Agreement 1403, executed by Commission Staff on March 31, 2009, concerning improvements at the Shale Road (AAR/DOT #294 379B; railroad milepost 219.48-SSWNAO) highway-rail grade crossing of the Union Pacific Railroad Company's track, located near Carlinville, Macoupin County, Illinois.

Executed by Union Pacific Railroad Company this 24th day of JUNE 2009.

UNION PACIFIC RAILROAD COMPANY

By: John J. Hovanec
AVP ENGINEERING

Approved as to Form

[Signature]

Attest:

C.W. Saylor

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

GENERAL INFORMATION: See Location Sketch

RAILROAD	UP
USDOT#, MILEPOST	294 379B, 219.48-SSWNAO
STREET, CITY, COUNTY	Shale Rd., (n) Carlinville, Macoupin
JURISDICTION (RDWY)	Carlinville Township Road District
LOCATION	Rural
STREET SURFACE	15' Aggregate, Fair Condition

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

TRACK (W-E or N-S)	SURFACE TYPE	SURFACE WIDTH	SURFACE CONDITION
N-S	Full Depth Timber	24'	Good

ROADWAY DATA: See Location Sketch

INTERSECTING ROADS:	None
TRAFFIC CONTROL	None
ADT & SPEED	75 Vehicles Per Day @ 55 MPH Unposted
TRAFFIC TYPE	Passenger, School Buses, Hazardous Materials all possible
ADVANCE WARNING	Yes
PAVEMENT MARKING	No

RAILROAD DATA: See Location Sketch

FREIGHT TRAFFIC	10 Per day @ 79 MPH, Day & Night? Yes
PASSENGER TRAFFIC	10 Per day @ 79 MPH, Day & Night? Yes
WARNING DEVICES	Crossbucks w/ Yield signs

NOTES:

VISIBILITY STUDY: See Location Sketch

Train Speed	79	MPH
Roadway Speed	55	MPH
Required Stopping Sight Distance (SSD)		
Along Roadway	518	FEET
Along Tracks	863	FEET
Required Clearing Sight Distance (CSD) (Along Tracks)	1921	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	*	Trees	*	Crops
NW	*	Trees	*	Crops
SE	*	OK	*	Crops
SW	*	Trees	*	Crops

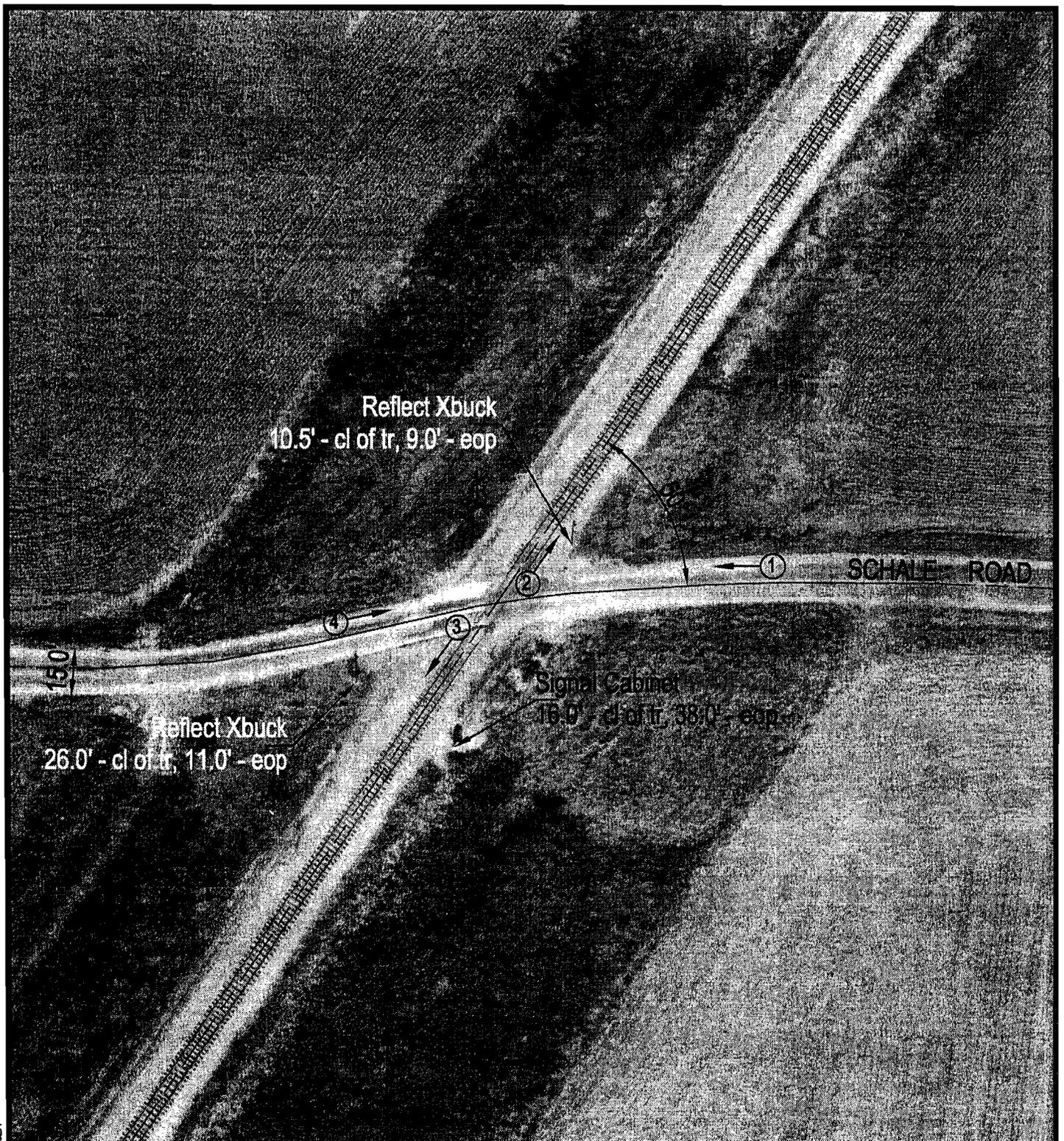
*Note: The installation of automatic flashing light signals and gates eliminate the need to satisfy minimum Sight Distance criteria.

APPROACH GRADES: See Location Sketch

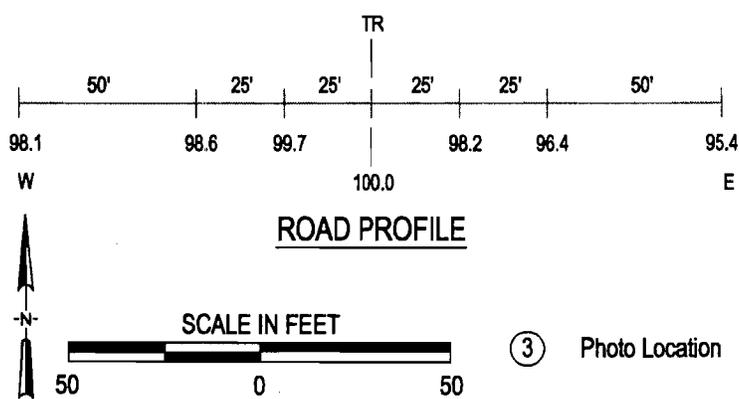
DIRECTION: EAST/NORTH			DIRECTION: WEST/SOUTH		
DISTANCE (FT)	ELEVATION (FT)	GRADE (%)	DISTANCE (FT)	ELEVATION (FT)	GRADE (%)
See	Exhibit	A	Page	3	

Distance measured from outermost rail.

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



J:\MACOUPIN\294379B\294379B.DWG 02/17/00 17:00 JJA



Crossing #:	294379B
Location:	Macoupin Co., City of Carlinville (Near)
Lat/Long:	39°20'03" / 89°51'07"
Railroad:	UP
Street:	Schale Road
Railroad Milepost:	219.60
Crossing Protection:	SIGN

DATE: 2009-03-03

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

THIS ESTIMATE GOOD FOR 6 MONTHS EXPIRATION DATE IS :2009-09-01

DESCRIPTION OF WORK:

INSTALL AUTOMATIC FLASHING LIGHT CROSSING SIGNALS
WITH GATES AT CARLINVILLE, IL. TR 189 M.P. 219.48
ON THE SPRINGFIELD SUBDIVISION DOT#294 279B

WORK TO BE PERFORMED BY RAILROAD WITH EXPENSE AS BELOW:

SIGNAL - FEDERAL - 100%

ESTIMATED USING FEDERAL ADDITIVES SIGNAL 105.61% & TRACK 142.44%

PID: 62117 AWO: 88299 MP,SUBDIV: 219.48, SPRINGFLD
SERVICE UNIT: 04 CITY: CARLINVILLE STATE: IL

DESCRIPTION	QTY	UNIT	LABOR	MATERIAL	RECOLL	UPRR	TOTAL
ENGINEERING WORK							
ENGINEERING			6210		6210		6210
LABOR ADDITIVE 105.61%			11583		11583		11583
SIG-HWY XNG			4821		4821		4821

TOTAL ENGINEERING			22614		22614		22614
SIGNAL WORK							
BILL PREP			900		900		900
CONTRACT				6528	6528		6528
CONTINGENCIES							
LABOR ADDITIVE 105.61%			35686		35686		35686
MATL STORE EXPENSE				12	12		12
METER LOOP				45000	45000		45000
PERSONAL EXPENSES				19042	19042		19042
ROCK/GRAVEL/FILL				6000	6000		6000
SALES TAX				2609	2609		2609
SIGNAL			32891	65227	98118		98118
TRANSP/IB/OB/RCLW CONTR				11004	11004		11004
WET CONTROL				4284	4284		4284

TOTAL SIGNAL			69477	185383	254860		254860
TRACK & SURFACE WORK							
ENVIRONMENTAL				1	1		1
FIELD WELD			48		48		48
LABOR ADDITIVE 142.44%			806		806		806
MATL STORE EXPENSE				146	146		146
OTM			906	2690	3596		3596
SALES TAX				117	117		117
WELD				254	254		254

TOTAL TRACK & SURFACE			1760	3208	4968		4968

LABOR/MATERIAL EXPENSE			93851	188591	-----	-----	-----
RECOLLECTIBLES/UPRR EXPENSE					282442	0	-----
ESTIMATED PROJECT COST							282442

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

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WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

RAILROAD: UPRR CO.

LOCATION: CARLINVILLE, IL, TR 189, SPRINGFIELD

DEPARTMENT: ENGINEERING SERVICES

SERVICE UNIT: 04

PROJ NO: 62117

A.W.O. NO: 88299

W.O. NO:

B.I. NO: 08EN10

STATE: IL

VAL SEC: 1101Z

INSTALL AUTOMATIC FLASHING LIGHT CROSSING SIGNALS
WITH GATES AT CARLINVILLE, IL. TR 189 M.P. 219.48
ON THE SPRINGFIELD SUBDIVISION DOT#294 279B
WORK TO BE PERFORMED BY RAILROAD WITH EXPENSE AS BELOW:
SIGNAL - FEDERAL - 100%

FORM 30-1

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WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

RAILROAD: UPRR CO.

LOCATION: CARLINVILLE, IL, TR 189, SPRINGFIELD

DEPARTMENT: ENGINEERING SERVICES

PROJ NO: 62117

A.W.O. NO: 88299

W.O. NO:

B.I. NO: 08EN10

STATE: IL

VAL SEC: 1101Z

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

ITEM NUMBER	ITEM DESCRIPTION	UNIT COST	QTY	UM	DIRECT MATL \$
02040420	BATTERY,GNB, 50A13, 318 AH.	174.13	7	EA	1219
02040660	BATTERY,GNB, 50A27, 687 AH.	307.33	7	EA	2151
09011240	CABLE TIE, NYLON 1 1/8" MAX. DIA	0.02	200	EA	4
09011980	CABLE TIE, NYLON 3 1/2" MAX. DIA	0.17	20	EA	3
09014950	CIRCUIT BRKR,120/240V 20A 2 POLE	14.60	1	EA	15
09015690	CIRCUIT BREAKER, 120/240V 30A AC	5.96	1	EA	6
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	2.73	2	RL	5
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	1.73	4	EA	7
09261570	321527-1 TERMINAL, TEST	1.62	15	EA	24
09401140	ADAPTER, 4 INCH CARLON PLASTIC	3.08	2	EA	6
09409820	BUSHING, 4" PLASTIC,INSULATING	0.82	2	EA	2
09424920	CONDUIT, 4", PVC, TYPE 40	2.07	60	LF	124
09467930	LOCKNUT, 4 INCH, GALVANIZED	5.19	2	EA	10
09844170	GROUND ROD, 5/8 INCH X 8 FEET	7.68	9	EA	69
09846750	GRND.ROD CONN. 4WAY ONESHOT.	5.08	9	EA	46
09908640	WIRE,#6 AWG.1 COND.COPPER,SOLID	0.42	225	LF	95
09912200	WIRE #6 AWG 2 CND 500'ROLL SHIELD	1.57	500	LF	785
09913200	WIRE,#6, 5 COND 500'ROLL SHIELDED	3.10	500	LF	1550
09915610	WIRE #6 AWG 1 COND COPPER, STRAN	0.52	220	LF	114
09930550	WIRE #10 AWG 1 COND COPPER, STRAN	0.20	650	LF	130
09932310	WIRE #10 AWG 1 COND COPPER, TWIST	0.46	250	LF	115
09946100	WIRE #14, 7 CND 500' ROLL SHIELDE	1.34	500	LF	670
09960090	WIRE #16 AWG 1 COND COPPER, STRAN	0.10	350	LF	35
09976180	WIRE,#22,TW.PR. BELDEN #8761	0.12	20	LF	2
13547870	SHEET METAL SCREW, #10 X 1 INCH	3.31	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	14.89	6	EA	89
28033210	CARTON, 39 1/8"L X 23 1/4"W X 17	5.59	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	8.67	2	EA	17
35040020	PLASTER OF PARIS, #DAP 10308	2.79	4	BX	11

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WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

PROJ NO: 62117

A.W.O. NO: 88299

W.O. NO:

B.I. NO: 08EN10

STATE: IL

VAL SEC: 1101Z

RAILROAD: UPRR CO.

LOCATION: CARLINVILLE, IL, TR 189, SPRINGFIELD

DEPARTMENT: ENGINEERING SERVICES

39340220	SIGN, HIGHWAY CROSSING	50.00	2 EA	100
39361000	SIGN, "STOP"	48.16	2 EA	96
52001370	SURGE PROTECTOR SP20-2A TAB 585	71.89	2 EA	144
52003630	POWER CABLE, CABIN TO GENERATOR -	148.20	1 EA	148
52005630	TRK CIR.CHASSIS, ECODE 5. TAB 503	4097.81	1 EA	4098
52005690	BOND WIRE, 7 STRANDS 500 LF. ROLL	0.67	100 LF	67
52005700	BOND WIRE, 7 STRANDS 100 LF. ROLL	0.76	200 LF	152
52016830	WIRE DUCT, 2X3	8.44	10 EA	84
52016940	WIRE DUCT, 3X3	9.85	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	173.01	2 EA	346
52019560	EQUALIZER, N.D. TAB 583	9.14	15 EA	137
52021550	FOUNDATION, 4', STEEL, FOR FLSHR/GAT	324.73	2 EA	649
52025260	HOUSE, 6X6, W/CLIMATE CONTROL	7476.00	1 EA	7476
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	6.92	28 EA	194
52029780	LIGHTNING ARR, HD TAB 582 W/O BASE	9.93	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	19.02	4 EA	76
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	38 EA	142
52072740	TERMINAL BLOCK, SIGNAL 12 POST 6	15.83	1 EA	16
52072960	TERMINAL BLOCK, SIGNAL 12 POST	12.70	12 EA	152
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	0.13	100 EA	13
52079560	MARKING PEN (FOR WHITE TAG)	1.95	1 EA	2
52108120	LED FL/GATE ASSY. 2 WAY LIGHTS	7318.48	2 EA	14637
52109370	GATE ARM, ADJ. 16-32'	465.85	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	15607.76	1 EA	15608
52258590	NBS, TAB 641, 62775-1543	406.67	2 EA	813
52263600	SURGE ARRESTOR, METER LOOP.	28.46	1 EA	28
52264040	SURGE PANEL - TAB 618	190.62	1 EA	191
52264520	TRACK FILTER - TF 114	226.85	4 EA	907
52267200	TRANSCEIVER MODULE. FOR GCP 4000	2917.29	2 EA	5835
52276150	SS XING CONTROLLER MODULE FOR GCP	1649.17	2 EA	3298
53648010	INSULATING CAP & SHIELD ASSY.	2.27	4 EA	9
53903460	EPD 120/240TDFL SURGE PROTECTOR	271.02	1 EA	271
53954500	180429-000 BOOTLEG KIT	49.69	6 EA	298

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WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

RAILROAD: UPRR CO.
 LOCATION: CARLINVILLE, IL, TR 189, SPRINGFIELD
 DEPARTMENT: ENGINEERING SERVICES

PROJ NO: 62117
 A.W.O. NO: 88299
 W.O. NO:
 B.I. NO: 08EN10
 STATE: IL
 VAL SEC: 1101Z

55016500 RAIL ANCHOR 6" INCH BASE UNIT	1.32	480 EA	634
55255300 FIELD WELD KIT, 136# ONE SHOT	58.66	4 EA	235
55264570 PACKING SAND, PRE-MIXED (PER SACK	22.44	0 CA	18
55264930 REFRACTORY PASTE	1.83	1 EA	2
55322310 INSULATED JOINT 136# PLUG, HH 18-	1028.46	2 EA	2057
TOTAL			68,171

PRELIMINARY SKETCH FOR ESTIMATING ONLY

TO VALLEY JCT.

TO BLOMINGTON YARD

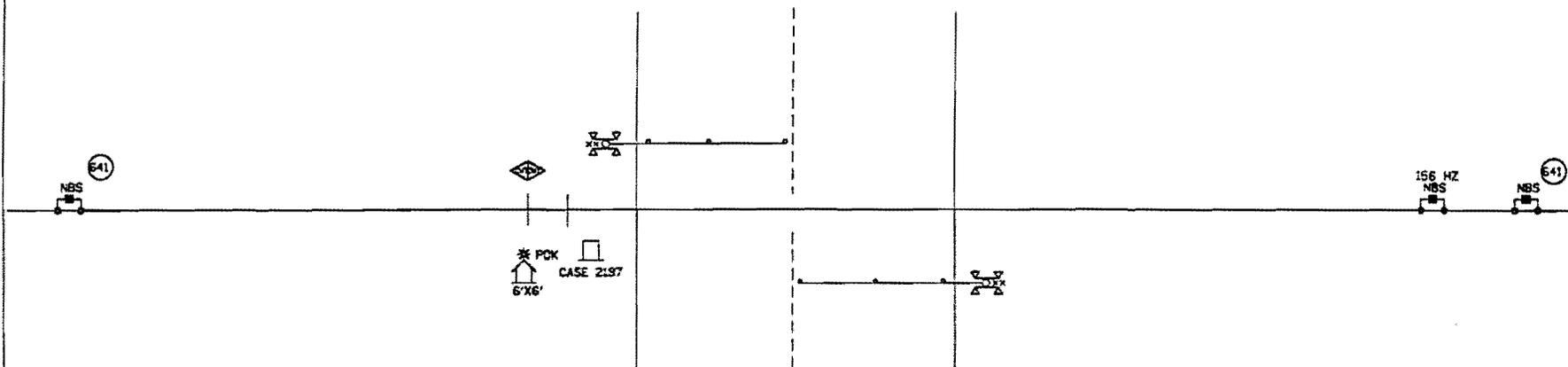
3709' 25+5+2 (C.T.) SEC. @ 79 M.P.H.

50'

32'

50'

3709' 25+5+2 (C.T.) SEC. @ 79 M.P.H.



NOTES

WARNING DEVICE PLACEMENTS:
 -CROSSINGS @ 90 DEGREES OR >
 C.L. FOUNDATION TO C.L. TRACK = 15'
 -CROSSINGS > 90 DEGREES
 TIP OF GATE TO C.L. TRACK = 12'
 -EDGE OF ROAD TO C.L. FOUNDATIONS:
 MIN. 4'3" WITH CURB
 MIN. 8'3" WITHOUT CURB

HOUSE CLEARANCE:
 25' MIN. TO NEAR RAIL
 30' MIN. TO EDGE OF ROAD

- = CONSTANT WARNING BI-DIRECTIONAL
- = CONSTANT WARNING UNI-DIRECTIONAL
- = MOTION SENSOR

= OAX

4" X 40' CONDUIT

LIGHTS: LED LIGHTS

xx = BELL

= GUARD RAIL

= RETAINING WALL

W(S) ← ○ → E(N)

NOTES

ORDER (2) PART #393-6100 AND SHIP TO JOHN FREISE

REIRE EXISTING R-L REPEATER AND INSTALL NEW EC V REGEN REPEATER IN CROSSING HOUSE

INSTALL (2) TAB 729 114 HZ TRACK FILTERS AT THIS LOCATION, (1) TAB 729 114 HZ TRACK FILTER AT MP 218.00 AND (1) TAB 729 114 HZ TRACK FILTER AT MP 221.2

YELLOW IN RED OUT

JOB REF. # 5921	Date: 02/18/09	UNION PACIFIC RAILROAD CARLINVILLE, ILLINOIS TR 189 SPRINGFIELD SUBDIVISION <small>OFFICE OF SIGNALS - Signal/TSB Omaha, Nebraska</small>	Sk: SKETCH
PID# 62117	Draw: WSD		DOT: 2/14/09
SDJ'S 3.75	Chk:		MP: 215.48
LABOR ADD 105.61X	AFE: 86299		ID: 1TK REF: sign

COST SUMMARY
MACOUPIN COUNTY
SCHALE ROAD - GRADE CROSSING 294 379 B

SCOPE: ROAD WORK, DRAINAGE

EARTHWORK

EARTH EXCAVATION	500 cu.yd.	x	\$10.00	=	\$5,000
FURNISHED EXCAVATION	1,500 cu.yd.	x	\$15.00	=	\$22,500
					<u>\$27,500</u>

SURFACING/ROADWORK

ASSUME LENGTH=800' 18'pavt.width, 2'shlds

AGG. SURF. CSE.,TY. A	750 ton	x	\$25.00	=	\$18,750
BIT. MATLS.(PRIME COAT)	640 gallon	x	\$3.00	=	\$1,920
BIT. MATLS.(C & S COAT)	1,280 gallon	x	\$3.00	=	\$3,840
COVER COAT AGG	20 ton	x	\$80.00	=	\$1,600
SEAL COAT AGG	20 ton	x	\$80.00	=	\$1,600
					<u>\$27,710</u>

DRAINAGE STRUCTURES

PIPE CULV. CL.A,TY.1 24"	200 feet	x	\$45.00	=	\$9,000
PIPE CULV. CL.A,TY.1 15"	100 feet	x	\$30.00	=	\$3,000
					<u>\$12,000</u>

INCIDENTAL

TRAFFIC CONTROL	1 Lsum	x	\$2,500.00	=	\$2,500
SEEDING	0.5 acre	x	\$3,000.00	=	\$1,500
FLAGGER	1 Lsum	x	\$2,000.00	=	\$2,000
RAILROAD PROT. LIAB. INS.	1 Lsum	x	\$4,000.00	=	\$4,000
					<u>\$10,000</u>

ESTIMATED CONSTRUCTION COST = \$77,210

RIGHT-OF-WAY

60'WIDE x 700'	1.0 Acre	x	\$4,500.00	=	\$4,500
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CONSTRUCTION ENGINEERING = \$4,633

ENGINEERING FEE = \$12,000

PROJECT TOTAL COST = \$98,343

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

PROJECT STATUS REPORT

TYPE: (CHECK ONE)

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

DATE	7-27-09
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PROJECT INFORMATION:

Reporting Party:	Union Pacific Railroad Company
Docket/Order #; Date:	709-0092
Status Reports Due:	
Ordered Completion Date:	
Completion Report Due ¹ :	
AAR/DOT#, RR Milepost:	294 379B, 219.48-SSWNAO
Street, (in/near) City, County:	Shale Rd, near Carlinville, Macoupin 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 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

²Project 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)

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 E. Capitol Avenue
Springfield, IL 62701-1827

If you have questions contact:

John Saladino, Rail Safety Specialist
Phone: (217) 785-8423
Email: jsaladino@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/forms/results.aspx?st=4>

The billing address for **Grade Crossing Protection Fund** reimbursement is:

SIGNAL WORK

Illinois Department of Transportation
Fiscal Control Unit
Bureau of Local Roads and Streets
2300 S. Dirksen Parkway
Springfield, IL 62764

APPROACH/BRIDGE WORK

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

<http://www.fra.dot.gov/us/content/801>

Submit Inventory forms to:

Federal Railroad Administration Office of Safety, MS25 1200 New Jersey Avenue SE Washington, DC 20590-0001	And	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	<input type="checkbox"/>
COMPLETION	<input type="checkbox"/>

DATE	7-27-09
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PROJECT INFORMATION:

Reporting Party:	Macoupin County Highway Department
Docket/Order #; Date:	709-0092
Status Reports Due:	
Ordered Completion Date:	
Completion Report Due ¹ :	
AAR/DOT#, Milepost:	294 379B, MP 219.48-SSWNAO
Street, (in/near) City, County:	Shale Rd, (n) Carlinville, Macoupin County
Railroad Company:	Union Pacific Railroad Company

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

PROJECT MANAGER INFORMATION²:

Name:	Tom Reinhart
Title:	County Engineer
Representing:	Macoupin County
Street Address:	21480 Route 4
City, State, Zip:	Carlinville, IL 62626
Office Phone:	217-854-6416
Office Fax:	217-854-6861
Cellular Phone:	
E-Mail Address:	tom.reinhart@MACOUPINCOUNTYIL.GOV

² Project Manager Information to be submitted by the Macoupin County

DESCRIPTION OF IMPROVEMENT(S) ORDERED:

- Improve highway approach grades to meet the minimum requirements of 92 Ill. Adm. Code 1535.

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:

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

If you have questions contact:

John Saladino, Rail Safety Specialist
Phone: (217) 785-8423
Email: jsaladino@icc.illinois.gov

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SIGNAL WORK

Illinois Department of Transportation
Fiscal Control Unit
Bureau of Local Roads and Streets
2300 S. Dirksen Parkway
Springfield, IL 62764

APPROACH/BRIDGE WORK

Roger Driskell, Region Engineer
Attn: Terrence Fountain, Local Roads
Engineer
126 East Ash St.
Springfield, Illinois 62704

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

<http://www.fra.dot.gov/us/content/801>

Submit Inventory forms to:

Federal Railroad Administration Office of Safety, MS25 1200 New Jersey Avenue SE Washington, DC 20590-0001	And	Chief of Data Services Illinois Department of Transportation 2300 S. Dirksen Parkway Springfield, IL 62764
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