

COPY

STATE OF ILLINOIS  
ILLINOIS COMMERCE COMMISSION  
STIPULATED AGREEMENT 1156

T07-0108

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"), the Village of Arthur ("Village"), and the State of Illinois, Department of Transportation ("Department" or "IDOT").

**WITNESSETH:**

WHEREAS, it has come to the attention of the Commission that inquiry should be made into the matter of improving public safety at the Progress Street highway-rail grade crossing of the Company's track in the Village of Arthur, in Moultrie County, designated as crossing AAR/DOT #167 038K, railroad milepost 164.90-CC; and

WHEREAS, proper investigation has been made of the circumstances surrounding the subject crossing by representatives 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 crossing have been obtained and shown on Exhibit A, attached to this Agreement; and

WHEREAS, the parties are mutually agreeable to accomplish proposed improvements to the crossing upon determination of the Commission by Order.

NOW, THEREFORE in consideration of the premises and of the mutual covenants and agreements as hereinafter contained the parties pray that the Commission enter an Order according to the provisions of Section 18c-7401 of the Illinois Commercial Transportation Law, 625 ILCS 5/18(c)-7401, requiring that certain improvements as hereinafter stated be made and that the cost for the proposed improvements be divided among the parties according to law and that in the interest of the traveling public the Grade Crossing Protection Fund ("GCPF") of the Motor Fuel Tax Law ("MFT") be required to bear a substantial portion of the cost; To Wit the parties agree as follows:

Section 1 All improvements encompassed by this Agreement shall be made in accordance with all applicable State laws, rules, standards, regulations and Orders and procedures in general.

Section 2 The parties are of the opinion that the following improvements in the interest of public safety at the aforesaid crossing should be:

- (a) Installation of four automatic flashing light signal and gate units with bell, controlled by constant warning time circuitry, and each equipped with an event recorder; one unit shall be installed in each of the four crossing quadrants as set forth on Exhibit B, page 5, by the Company.

STATE OF ILLINOIS  
ILLINOIS COMMERCE COMMISSION

Section 3 The Company has prepared detailed drawings, circuit plans, required specifications and a preliminary cost estimate to accomplish the proposed safety improvement 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, pages 1-6.

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	VILLAGE	COMPANY	IDOT
Install Automatic Flashing Light Signals and Gates, controlled by CWT Circuitry	\$353,665	92.5% \$327,140	2.5% <sup>3</sup> \$8,842	5% Remainder	0% \$0
<b>TOTALS</b>	<b>\$353,665</b>	<b>\$327,140<sup>1</sup></b>	<b>\$8,842</b>	<b>\$17,683<sup>2</sup></b>	<b>\$0</b>

Notes:

- <sup>1</sup> Total Grade Crossing Protection Fund (GCPF) assistance not to exceed \$327,140; any installation costs above the estimated amount of \$353,655 will be divided between the GCPF, Village, and the Company in the same percentages noted above, upon submittal and review of evidence to support the additional cost and subject to approval by the Commission.
- <sup>2</sup> Company responsible for all future operating and maintenance costs associated with the new automatic warning devices.
- <sup>3</sup> The Village has notified the Commission of its poor financial condition due to recent infrastructure improvements in the North Vine Street subdivision and the replacement of the Palmer Street bridge to reduce the amount of Village property in the Federal Flood Plain Map. These two projects have placed the Village in financial hardship and the Village requests that its percentage of cost for the warning device installation be lowered from the standard 10% to 2.5%. Staff has reviewed the percentage of cost reduction and has no objection to it being granted by the Commission.

Section 6 The Village is financially able and willing to bear an equitable portion of the cost for the proposed improvements as may be assigned by the Order and indicates this intent by Resolution incorporated herein by reference as Exhibit C. The Village shall submit a certified copy of the Resolution at the same time as the Execution Page of this Agreement is submitted to the Commission.

Section 7 Special Provisions: The Company shall notify the Village at least two weeks prior to the commencement of the work required of it in order for the Village to arrange for traffic control and a detour route.

The Company shall file a Form 3 with attached drawing showing the warning device locations and circuit plans with the Director of Processing and Information and shall receive approval by X-Resolution prior to commencing the work of installation. The X-Resolution will either approve the signal locations as proposed in the Form 3 or request

changes. Once the Commission enters the X-Resolution, the UP can commence the installation of the automatic flashing light signals and gates in the four crossing quadrants per the parameters of the X-Resolution.

The Company's track runs through the intersection of Progress Street and Beech Street (See Exhibit A, page 3). While the west approach grade to the Progress Street crossing meets the requirements of 92 Ill. Adm. Code 1535.204, the east approach grade is 1.8% or 0.8% above the maximum grade as measured down the roadway. Exhibit A, page 3, shows that any attempt to adjust the east approach grade to the Progress Street crossing to meet the requirements of 92 Ill. Adm. Code 1535.204, could create problems for the railroad profile and approach grade problems at the Beech Street crossing as well. In addition, it is estimated that the cost for the work would outweigh any gain obtained by correcting the approach grade. Staff recommends that the City be granted a variance from the grade requirements of 92 Ill. Adm. Code 1535.204 and be allowed to maintain the east highway approach to the Progress Street crossing at the existing grade.

Since the warning device improvement at the subject 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 D, along with the Execution Page for this 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 D, 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 12<sup>th</sup> month from the completion date specified in the Commission Order approving this Agreement or any Supplemental Order(s) issued for this project, notify the Department to de-obligate all residual funds accountable for this project. Notification may be by regular mail, electronic mail, fax, or telephone.

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.

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.

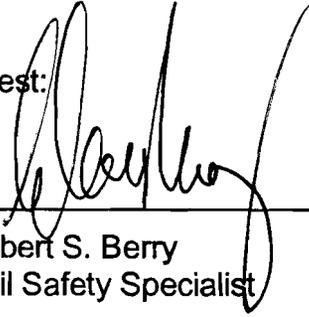
Executed by the Commission this 8<sup>th</sup> day of May 2007.



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Michael E. Stead  
Rail Safety Program Administrator

Attest:



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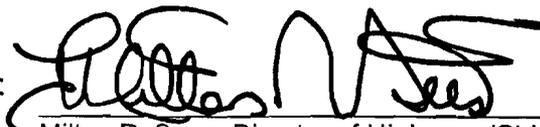
Robert S. Berry  
Rail Safety Specialist

Illinois Commerce Commission Stipulated Agreement 1156, executed by Commission Staff on May 8, 2007, concerning improvements at the Progress Street/Beech Street highway-rail grade crossing of the Union Pacific Railroad Company's track in the City of Arthur, Moultrie County, designated as crossing AAR/DOT #167 038K, railroad milepost 164.90-CC.

Executed by the Illinois Department of Transportation this 5th day of June 2007.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

By:



Milton R. Sees, Director of Highways/Chief Engineer

Illinois Commerce Commission Stipulated Agreement 1156, executed by Commission Staff on May 8, 2007, concerning improvements at the Progress Street/Beech Street highway-rail grade crossing of the Union Pacific Railroad Company's track in the City of Arthur, Moultrie County, designated as crossing AAR/DOT #167 038K, railroad milepost 164.90-CC.

Executed by the Village of Arthur this 2nd day of July 2007.

VILLAGE OF ARTHUR

By: David J. Conlin  
David J. Conlin, Village President

Attest:

Sue A. Perrine

Sue A. Perrine, Deputy Clerk

Illinois Commerce Commission Stipulated Agreement 1156, executed by Commission Staff on May 8, 2007, concerning improvements at the Progress Street/Beech Street highway-rail grade crossing of the Union Pacific Railroad Company's track in the City of Arthur, Moultrie County, designated as crossing AAR/DOT #167 038K, railroad milepost 164.90-CC.

Executed by the Union Pacific Railroad Company this 23RD day of JULY 2007.

UNION PACIFIC RAILROAD COMPANY

By: Thomas J. Ogee  
AVP ENGINEERING

Attest:

C. W. Sawyer

Ray A. Howell

RECEIVED  
DEC 4 2007

Illinois Commerce Commission  
RAIL SAFETY SECTION

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

**GENERAL INFORMATION:** See Location Sketch

<b>RAILROAD</b>	Union Pacific Railroad Company
<b>USDOT#, MILEPOST</b>	AAR/DOT 167 038K, Milepost 164.90CC
<b>STREET, CITY, COUNTY</b>	Progress Street, in Arthur, Moultrie County
<b>JURISDICTION (RDWY)</b>	City of Arthur
<b>LOCATION</b>	Urban/Residential
<b>STREET SURFACE</b>	Oil and Chip, 24 feet, Good

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

<b>TRACK (SW to NE)</b>	<b>SURFACE TYPE</b>	<b>SURFACE WIDTH</b>	<b>SURFACE CONDITION</b>
Main	Concrete	68 feet	Good

**ROADWAY DATA:** See Location Sketch

<b>INTERSECTING ROADS:</b>	Beech Street intersects with Progress Street at the crossing.
<b>TRAFFIC CONTROL</b>	Yield Sign on Beech Street,
<b>ADT &amp; SPEED</b>	1450 Vehicles Per Day @ 30 MPH (1 %Trucks)
<b>TRAFFIC TYPE</b>	Passenger, School Busses, Hazardous Materials
<b>ADVANCE WARNING</b>	Yes
<b>PAVEMENT MARKING</b>	No

**RAILROAD DATA:** See Location Sketch

<b>FREIGHT TRAFFIC</b>	25 Per day @ 50 MPH, Day & Night
<b>PASSENGER TRAFFIC</b>	None
<b>WARNING DEVICES</b>	Cantilevered automatic flashing light signals and mast-mounted automatic flashing light signals

NOTES: The existing cantilever-mounted automatic flashing light signals and automatic flashing light signals were placed in service in 1977. To better warn the public about the highway/rail grade crossing, staff recommends that an automatic flashing light and gate unit be installed in each crossing quadrant. The units will be controlled by constant warning time circuitry and also be equipped an event recorder.

Since the crossing is currently equipped with automatic flashing light signals, installation of temporary STOP signs will not be required.

**VISIBILITY STUDY:** See Location Sketch

<b>Train Speed</b>		<b>50 MPH</b>
<b>Roadway Speed</b>		<b>30 MPH</b>
<b>Required Stopping Sight Distance (SSD)</b>		
<b>Along Roadway</b>		<b>N/A</b>
<b>Along Tracks</b>		<b>N/A</b>
<b>Required Clearing Sight Distance (CSD) (Along Tracks)</b>		<b>N/A</b>

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

<b>QUADRANT</b>	<b>CSD (FT)</b>	<b>OBSTRUCTION</b>	<b>SSD (FT)</b>	<b>OBSTRUCTION</b>
<b>NE</b>	*	N/A	*	N/A
<b>NW</b>	*	N/A	*	N/A
<b>SE</b>	*	N/A	*	N/A
<b>SW</b>	*	N/A	*	N/A

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

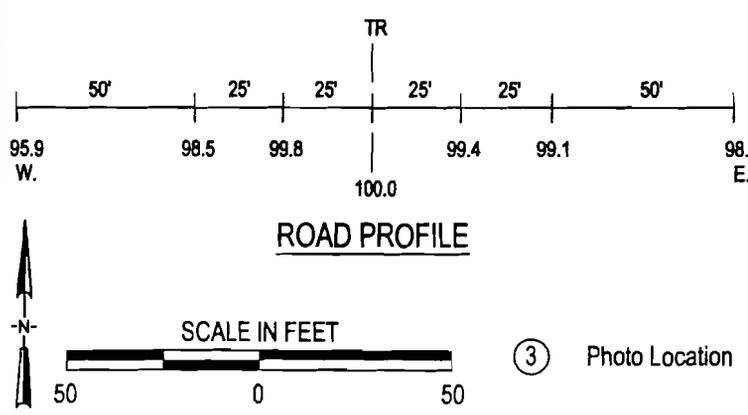
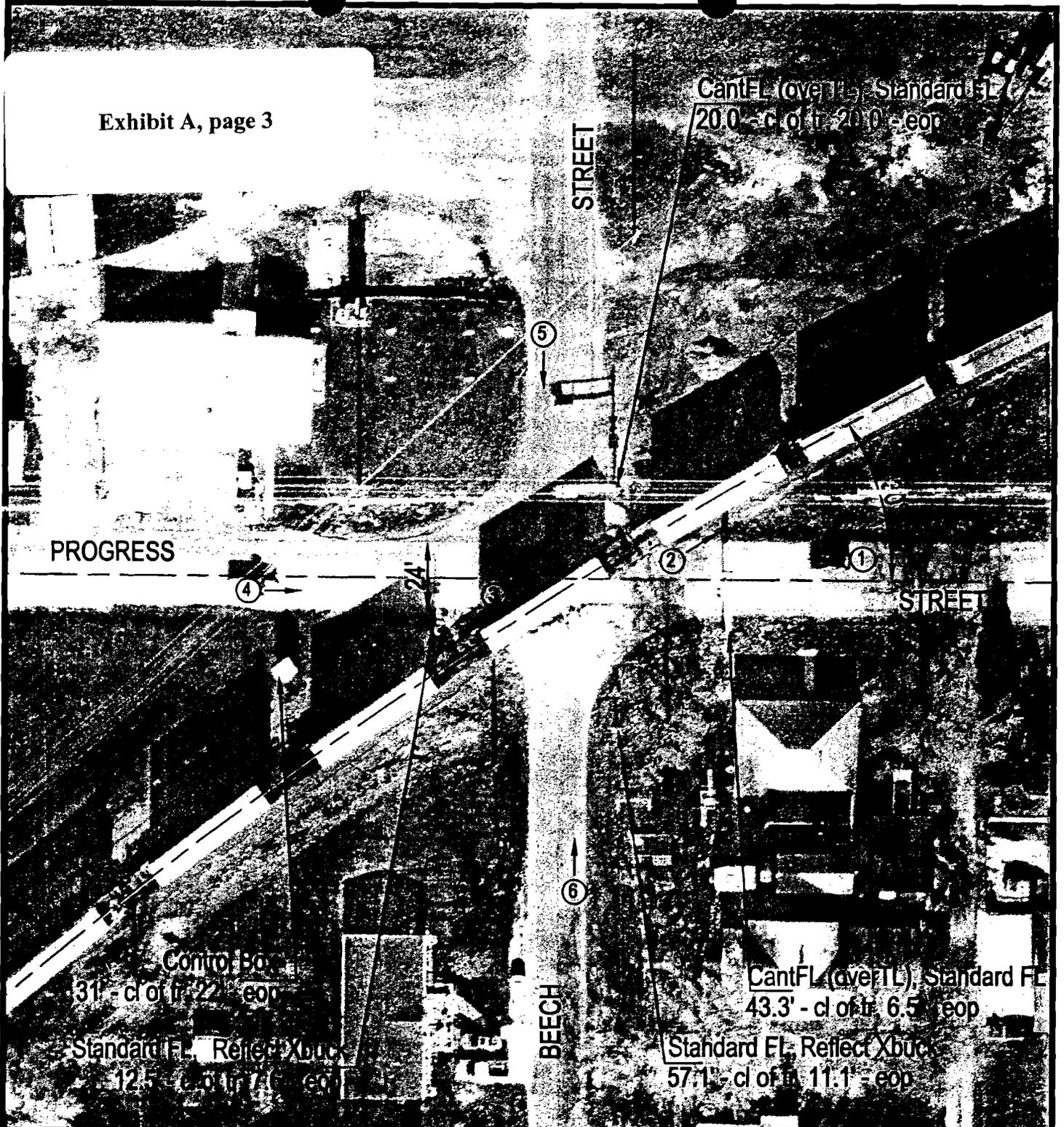
**APPROACH GRADES:** See Location Sketch

<b>DIRECTION: EAST</b>			<b>DIRECTION: WEST</b>		
<b>DISTANCE (FT)</b>	<b>ELEVATION (FT)</b>	<b>GRADE (%)</b>	<b>DISTANCE (FT)</b>	<b>ELEVATION (FT)</b>	<b>GRADE (%)</b>
25	0.6	1.8	25	0.2	0.06%

Distance measured from outermost rail.

**COMMENTS:** The Company's track runs through the intersection of Progress Street and Beech Street (See Exhibit A, page 3). While the west highway approach to the Progress Street crossing meets the requirements of 92 Ill. Adm. Code 1535.204, the east approach grade is 0.8% above the maximum grade for 25 feet from the crossing. Exhibit A, page 3, shows that any attempt to adjust the east approach grade to the Progress Street crossing to meet the requirements of 92 Ill. Adm. Code 1535.204, could create problems for the railroad profile and approach grade problems at the Beech Street crossing as well. In addition, it is estimated that the cost for the work would outweigh any gain obtained by correcting the approach grade. Staff recommends that the City be granted a variance from the grade requirements of 92 Ill. Adm. Code 1535.204 and be allowed to maintain the east highway approach to the Progress Street crossing at the existing grade.

See Page 3 for a plan view (aerial photo) of the crossing.



Crossing #: 167038K

Location: Moultrie Co., City of Arthur (I)

Lat/Long: 39°43'01" / 88°28'28"

Railroad: UP

Street: Progress Street

Railroad Milepost: 164.90

Crossing Protection: Train Activated Devices

DATE: 2006-12-08

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

THIS ESTIMATE GOOD FOR 6 MONTHS EXPIRATION DATE IS :2007-06-08

DESCRIPTION OF WORK:

INSTALL REMOTE (MP 164.71) & 4 LED FL SIGNALS W/GATES AND CWT IN NEW  
CABIN AT PROGRESS & BEECH IN ARTHUR, IL. M.P. 164.90 ON THE PANA SUB.  
SIGNAL PROJECT MANAGER: RON WASH 595-3275  
RAILROAD TO PERFORM ALL WORK / COST DISTRIBUTED AS FOLLOWS:  
SIGNAL - STATE OF IL. 85% - CITY OF ARTHUR 10% - UPRR 5%

PID: 55268 AWO: 57009 MP, SUBDIV: 164.90, PANA  
SERVICE UNIT: 04 CITY: ARTHUR STATE: IL

DESCRIPTION	QTY	UNIT	LABOR	MATERIAL	RECOLL	UPRR	TOTAL
<b>ENGINEERING WORK</b>							
ENGINEERING			3066		2912	154	3066
LABOR ADDITIVE 174%			12668		12035	633	12668
SIG-HWY XNG			4215		4004	211	4215
<b>TOTAL ENGINEERING</b>			<b>19949</b>		<b>18951</b>	<b>998</b>	<b>19949</b>
<b>SIGNAL WORK</b>							
BILL PREP			900		855	45	900
CONTRACT				9302	8836	466	9302
EARTH FILL/ROCK				2000	1900	100	2000
FOUNDATION DISPOSAL				1000	950	50	1000
LABOR ADDITIVE 174%			80733		76697	4036	80733
PERSONAL EXPENSES				39000	37050	1950	39000
SALES TAX				6294	5980	314	6294
SIGNAL			46398	100717	139759	7356	147115
CONTINGENCIES				32151	30543	1608	32151
TRANSPORTATION CHARGES				6446	6123	323	6446
WZ TRAFFIC CONTROL				8775	8336	439	8775
<b>TOTAL SIGNAL</b>			<b>128031</b>	<b>205685</b>	<b>317029</b>	<b>16687</b>	<b>333716</b>
<b>LABOR/MATERIAL EXPENSE</b>			<b>147980</b>	<b>205685</b>			
<b>RECOLLECTIBLE/UPRR EXPENSE</b>					<b>335980</b>	<b>17685</b>	
<b>ESTIMATED PROJECT COST</b>							<b>353665</b>
<b>EXISTING REUSEABLE MATERIAL CREDIT</b>					<b>0</b>		
<b>SALVAGE NONUSEABLE MATERIAL CREDIT</b>					<b>0</b>		
<b>RECOLLECTIBLE LESS CREDITS</b>							

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

PAGE 04 MORE

RAILROAD: UPRR CO.  
 LOCATION: ARTHUR, IL, PROGRESS & BEECH, PANA SUB.  
 DEPARTMENT: ENGINEERING SERVICES

PROJ NO: 55268  
 A.W.O. NO: 57009  
 W.O. NO:  
 B.I. NO: 06EN10  
 STATE: IL  
 VAL SEC: 1117

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 ----- STOCK MATERIAL PLAN -----  
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ITEM NUMBER	ITEM DESCRIPTION	UNIT COST	QTY	UM	DIRECT MATL \$
02040420	BATTERY,GNB,75A9 OR 50A13, ABSOLY	169.21	12	EA	2031
02040660	BATTERY,GNB, 75A23 OR 50A27, ABSO	298.71	14	EA	412
09010870	CABLE SPLICING KIT, N-3	43.59	1	EA	44
09011030	CABLE TIE, NYLON 5/8" MAX. DIA.	0.04	100	EA	4
09011240	CABLE TIE, NYLON 1 1/8" MAX. DIA	0.02	300	EA	6
09011980	CABLE TIE, NYLON 3 1/2" MAX. DIA	0.12	20	EA	2
09014950	CIRCUIT BRKR,120/240V 20A 2 POLE	14.58	2	EA	29
09015690	CIRCUIT BREAKER, 120/240V 30A AC	5.94	2	EA	12
09042860	POWER OFF LIGHT ASSY.	29.32	1	EA	29
09054360	RELAY, GEN.PURPOSE 120V. TAB 856	4.80	3	EA	14
09057650	SOCKET, P-B 27E122 TAB 836A & 856	1.77	3	EA	5
09065700	TAPE, ELECTRICAL PLASTIC	2.57	4	RL	10
09066900	TERMINAL, SPADE,10-12 WIRE,#8 STUD	0.14	14	EA	2
09137100	TERM.LUG 3/16 CABLE-1/4 POST 2412	0.49	90	EA	44
09215100	33466 TERMINAL, RING TONGUE AMP	0.19	64	EA	12
09260350	TERMINAL,#16-14 #8 SPADE	0.06	35	EA	2
09261420	321524-1 TERMINAL,TEST 16-22 A	1.61	4	EA	6
09261570	321527-1 TERMINAL, TEST	1.58	15	EA	24
09401140	ADAPTER, 4 INCH CARLOW PLASTIC	3.30	4	EA	13
09409820	BUSHING, 4" PLASTIC,INSULATING	0.80	4	EA	3
09424920	CONDUIT, 4", PVC, TYPE 40	2.28	190	LF	433
09467930	LOCKNUT, 4 INCH, GALVANIZED	5.17	4	EA	21
09844170	GROUND ROD, 5/8 INCH X 8 FEET	6.70	18	EA	121
09846750	GRND.ROD CONN. AWAY ONESHOT.	4.88	18	EA	88
09908640	WIRE,#6 AWG.1 COND.COPPER,SOLID	0.45	450	LF	203
09912200	WIRE #6 AWG 2 COND 500'ROLL SHIELD	1.70	1000	LF	1700
09913200	WIRE,#6, 5 COND 500'ROLL SHIELDED	3.03	1000	LF	3030
09915610	WIRE #6 AWG 1 COND COPPER, STRAN	0.50	220	LF	110
09930550	WIRE #10 AWG 1 COND COPPER, STRAN	0.20	1780	LF	356
09932310	WIRE #10 AWG 1 COND COPPER, TWIST	0.42	270	LF	113
09946070	WIRE #14 7 COND 1000'ROLL SHIELDE	1.31	1000	LF	1310
09946100	WIRE #14, 7 COND 500' ROLL SHIELDE	1.30	1500	LF	1950
09960090	WIRE #16 AWG 1 COND COPPER, STRAN	0.19	900	LF	171
09976180	WIRE,#22,TW.PR. BELDEN #8761	0.07	20	LF	1
13547870	SHEET METAL SCREW,#10 X 1 INCH	1.41	1	BX	1
13552450	SHEET METAL SCREW,#12 X 3/4"	1.99	3	BX	6
13553150	SHEET METAL SCREW #12 X 1"	3.00	3	BX	9
17061400	PADLOCK,SIGNAL,WITHOUT KEY,AMERIC	14.59	12	EA	175
28033210	CARTON, 39 1/8"L X 23 1/4"W X 17	4.07	2	EA	8
28033230	CARTON, 47 3/8"L X 39 1/2"W X 18"	10.38	2	EA	21

## WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

RAILROAD: UPRR CO.  
 LOCATION: ARTHUR, IL, PROGRESS & BEECH, PANA SUB.  
 DEPARTMENT: ENGINEERING SERVICES

PROJ NO: 55268  
 A.N.O. NO: 57009  
 W.O. NO:  
 E.I. NO: 06EN10  
 STATE: IL  
 VAL SEC: 1117

28041880	PALLET, 48 X 40 INCH 2/WAY	8.05	4 EA	32
35040010	PLASTER OF PARIS, DENTAL GRADE	0.89	50 LB	45
39340220	SIGN, HIGHWAY CROSSING	50.00	2 EA	100
52001370	SURGE PROTECTOR SP20-2A TAB 585	66.80	3 EA	200
52002060	SP26-6, SURGE PROTECTOR	96.30	2 EA	193
52003630	EXTENSION CORD - 12'	67.37	2 EA	135
52005700	BOND WIRE, 7 STRANDS 100 LF. ROLL	0.78	500 LF	390
52016830	WIRE DUCT, 2X3	8.44	15 EA	127
52016940	WIRE DUCT, 3X3	9.82	7 EA	69
52017510	WIRE DUCT COVER 2"x6'	1.84	15 EA	28
52017620	WIRE DUCT COVER 3"x6'	2.63	7 EA	18
52019530	ENCLOSURE, SHUNT, POLE MOUNTED. 24X2	162.92	4 EA	652
52019560	EQUALIZER, H.D. TAB 583	8.86	19 EA	168
52021550	FOUNDATION, 4', STEEL, FOR PLSHR/GAT	195.40	4 EA	782
52025130	HOUSE, INSTRUMENT 4 X 4 X 8' HIGH	3685.45	1 EA	3685
52025240	HOUSE, 6X6, SIGNAL XING	4900.06	1 EA	4900
52027350	CLIP BOARD - FOR SIGNAL PRINTS	8.01	2 EA	16
52027430	STEP BOX	16.24	1 EA	16
52028420	LIGHTNING ARRESTOR, CLR-COMM TAB 3	6.74	60 EA	404
52029780	LIGHTNING ARR, HD TAB 582 W/O BASE	9.50	8 EA	76
52030010	LIGHTNING ARRESTOR COMM. STRIP	3.96	6 EA	24
52039210	RECTIFIER, 2DEC, 12V. TABS 575	273.92	2 EA	548
52041430	RECTIFIER, 60BC, 60 AMP, CRAGG.	550.00	1 EA	550
52042650	POST, MOUNTING, FOR SHUNT HOUSING	11.85	8 EA	95
52068650	TERMINAL, #6 - 5 WIRE - RING TYPE	0.16	65 EA	10
52070010	TERMINAL, #12-10 WIRE, RING TONGUE	0.08	600 EA	48
52071600	TERMINAL, #20-16 WIRE, RING TONGUE	0.07	300 EA	21
52072280	TERMINAL BLOCK, SIGNAL 2 POST BAK	2.25	95 EA	214
52072740	TERMINAL BLOCK, SIGNAL 12 POST 6	8.95	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, MCKREN TAB 82	13.90	1 EA	14
52079550	WIRE TAG, PLASTIC - WHITE	0.12	200 EA	24
52079560	MARKING PEN (FOR WHITE TAG)	1.95	2 EA	4
52108120	LED PL/GATE ASSY. 2 WAY LIGHTS	7380.46	4 EA	29522
52109370	GATE ARM, ADJ. 16-32'	481.98	4 EA	1928
52122140	HIGH WIND BRACKET 5" OR 4"	63.99	4 EA	256
52136470	SHEAR PIN, SK-1000-1	5.50	4 EA	22
52204250	DUMMY LOAD, 2000' PSS HPN227032-007	70.30	1 EA	70
52207100	GRD XING PREDICTR GCP 4000 2TK.MA	15768.00	2 EA	31536
52214040	DUMMY LOAD, 2800 FT. TAB 644	38.24	1 EA	38
52258470	MULTIPREQ NBS. 86-267 TAB640A HARM	593.10	1 EA	593
52258590	NBS, TAB 641, 62775-1543	375.43	1 EA	375
52258980	NBS, TAB 640, 62775-8621	467.40	2 EA	935
52263600	SURGE ARRESTOR, METER LOOP.	28.46	2 EA	57
52264040	SURGE PANEL - TAB 618	194.08	2 EA	388

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

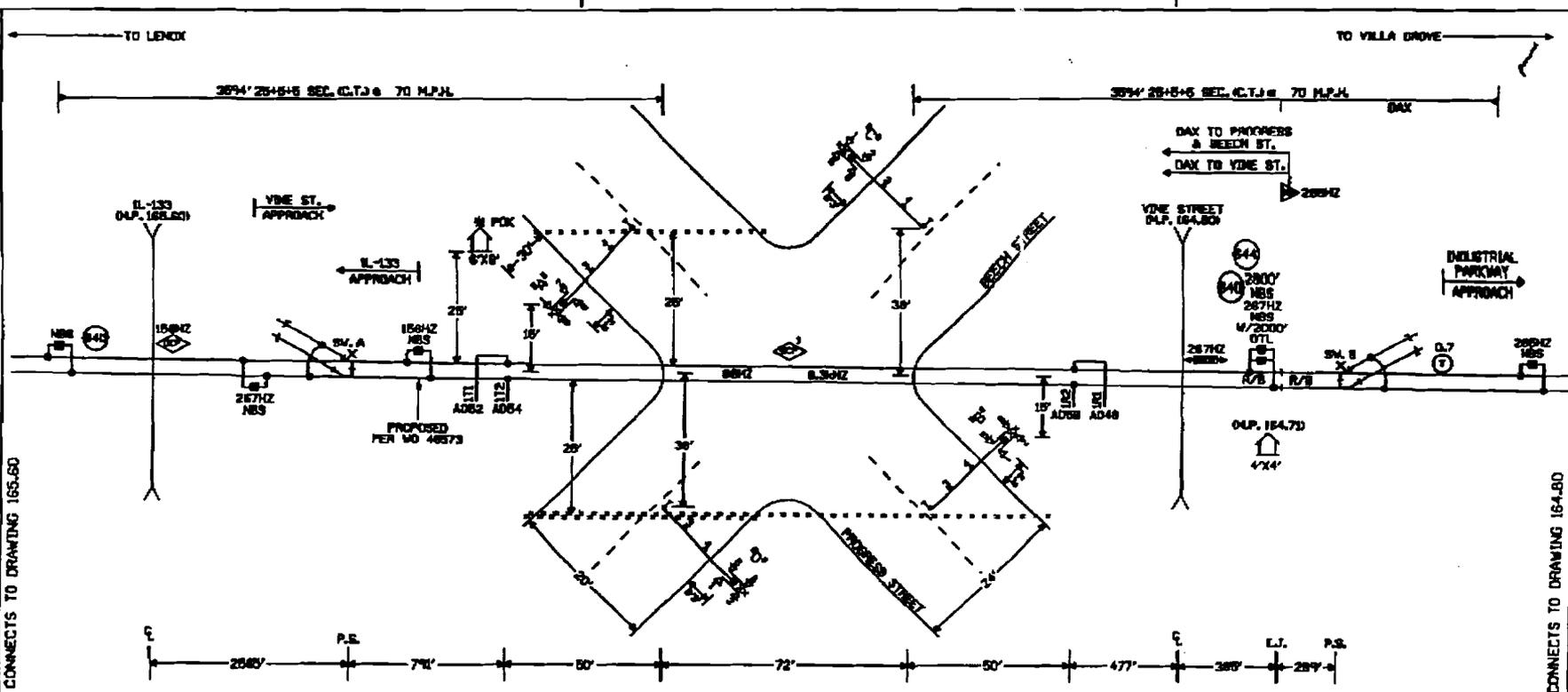
PAGE 06 MORE

RAILROAD: UPRR CO.  
LOCATION: ARTHUR, IL., PROGRESS & BEECH, PANA SUB.  
DEPARTMENT: ENGINEERING SERVICES

PROJ NO: 55268  
A.W.O. NO: 57009  
W.O. NO:  
B.I. NO: 06EN10  
STATE: IL  
VAL SEC: 1117

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52264500 TRACK FILTER - TF 86	206.31	2 EA	413
52276150 SS KING CONTROLLER MODULE FOR GCP	1681.87	2 EA	3364
52745830 RELAY, TAB 884, NEUTRAL, A62-277	204.00	1 EA	204
52773800 RELAY BRACKET HOLDS 2 B1 RELAYS.	81.98	1 EA	82
52776370 RELAY PLUGBOARD, GRS B1, TAB 900	31.64	1 EA	32
52778110 FLAG TERMINAL, FOR GRS, 20-16	0.70	10 EA	7
52779280 RELAY TEST TERM, GRS B1	6.60	1 EA	7
53648010 INSULATING CAP & SHIELD ASSY.	1.98	14 EA	28
53903460 BPD 120/24 0TDFL SURGE PROTECTOR	270.21	2 EA	540
53954500 180429-000 BOOTLEG KIT	48.17	8 EA	385
TOTAL			100,718

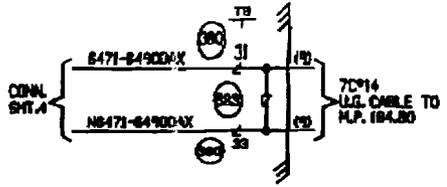


**NOTES**

- ⊗ - TWISTED WIRES INSULATED 1 TWIST PER FT. ALL TRACK WIRES 2C. #8
- 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 TRAVELED WAY & NO MORE THAN 4" ABOVE THE SURFACE OF THE GROUND.
- ALL BUNGALOW WIRING TO BE #18 AWG FLEX UNLESS OTHERWISE SPECIFIED EXCEPT ALL GROUND WIRE TO BE #8 AWG FLEX OR LARGER.
- ALL WIRING IN GATE MECHANISM TO BE #10 AWG FLEX. REFER TO UP STANDARD DWG FOR BUNGALOW GROUNDING.
- ALL LIGHTS TO BE 12" ROUNDLS.
- ..... 4" X 180' CONDUIT
- LIGHTS: LED LIGHTS
- DATE A: 20'
- DATE B: 20'
- DATE C: 18'
- DATE D: 18'
- ⊗ = WELL
- ⊗ = CRTU MICROBURST

**CONSTRUCTION NOTES**

1. REMOVE EXISTING CANTILEVERS, FLASHERS, AND FOUNDATIONS.
2. WIRE FOR R.T. DO NOT INCLUDE CRTU (TAB 786A) FIELD TO RECONFIGURE CRTU FOR NEW DESIGN.
3. INSTALL REMOTE HOUSE WITH GCP400B AT M.P. 184.71.
4. INSTALL TWO 80HZ TRACK FILTERS (TAB 729), ONE AT M.P. 184.70 AND ONE AT M.P. 184.70.
5. ORDER ONE 287HZ NBS (TAB 840A) AND ONE 2000' STL (TAB 8440) FOR VINE STREET, M.P. 184.80.
6. REMOVE EXISTING 287HZ AND 392HZ T.J.C'S AT M.P. 184.70.



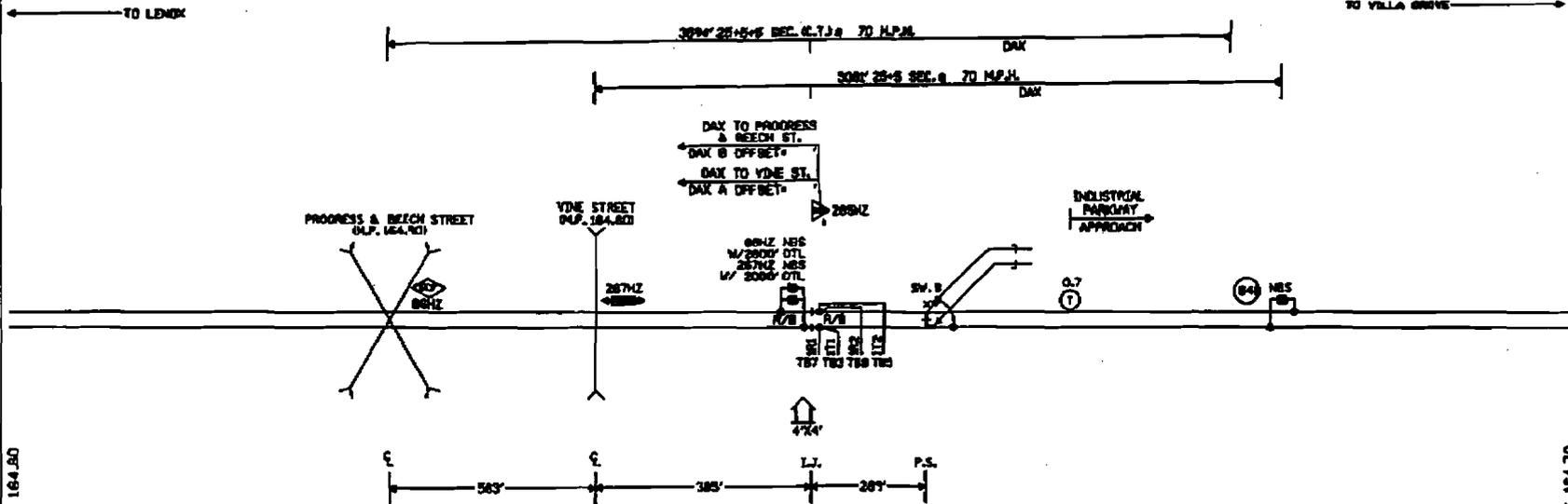
**CABLE TABULATION**

CABLE #9 70\*14 U.L.C.T. HOUSE TO I.P. 184.80

**NEW SHEET**

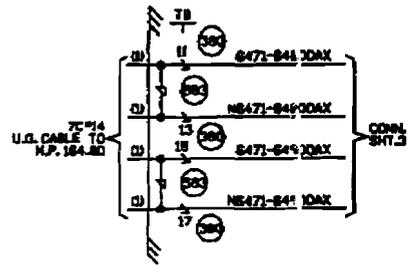
ARTHR, ILLINOIS  
 PROGRESS & BOEDEN STREET  
 M.P. 184.70  
 P.M.A. SUBDIVISION  
 O.L.T.#187 CONK

4-20-08	REVISIONS OF LEVEL	UNION PACIFIC	BY: SSC	UNION PACIFIC RAILROAD VILLA GROVE, ILLINOIS TO LENOX, ILLINOIS C.T.C. CIRCUITS	DATE: 04-08-08
INSTALL FLASHERS AND GATES WITH CUT AT M.P. 184.70	S.A. LAST LEVEL CHECKED	UNION PACIFIC SIGNAL DIVISION	BY: SSC		SHEET 1
DATE: 07-08-08	LAST LEVEL FOR THIS TYPICAL		BY: R.L.T./V.B.	DATE: 08-08-08	M.P. 184.90
DATE: 08-08-08	LAST LEVEL BY DESIGNER	BY: P.L. 97001	DATE: 08-08-08	S-301	
DATE: 09-08-08	CHANGED FROM TYPICAL 3	BY: [Signature]	DATE: 09-08-08		



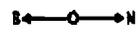
CONNECTS TO DRAWING 184.60

CONNECTS TO DRAWING 184.70



**NOTES:**

- ⊗ TWISTED WIRES
- ALL TRACK WIRES 2C #8
- INSULATED 1 TWIST PER FT.
- TRANSMITTER AND RECEIVER LEADS
- TO BE SEPARATED BY AT LEAST 12" IN TRENCH.
- LENGTHS SHOULD NOT EXCEED MANUFACTURERS
- RECOMMENDATION.
- ALL BUNDLED WIRING TO BE #16 AVG FLEX
- UNLESS OTHERWISE SPECIFIED EXCEPT ALL GROUND
- WIRES TO BE #6 AVG FLEX OR LARGER.
- REFER TO UP STANDARD CNG. FOR BUNDLED
- GROUNDING.



**CABLE TABULATION**

CABLE #1 7C#14 U.S.B.T. HOUSE TO M.P. 184.60

**NEW SHEET**

ARTHA, ILLINOIS  
REMOTE LOCATION  
M.P. 184.71  
PANA SUBDIVISION

4-30-08	RECEPTIVE LEVEL	UNION PACIFIC	CON. REC.	<b>UNION PACIFIC RAILROAD</b> VILLA GROVE, ILLINOIS TO LENOX, ILLINOIS C.T.C. CIRCUITS	DATE 04-28-08
	INSTALL PLAINERS AND BATES WITH CWT AT M.P. 184.70	S. & LAST LEVEL CHECKED	CON. REC.		SHEET 1
MFE 57009 JTB REC/RCO	LAST LEVEL, USE THIS TYPICAL		CON. R.T./JTB	M.P. 184.71 S-301	
	LAST LEVEL, BY DESIGNER		APR. 1909		
	CHANGED FROM TYPICAL?		201 0000047138		

Exhibit B  
Page 6

ILLINOIS COMMERCE COMMISSION  
STIPULATED AGREEMENT 1156

Date July 2, 2007

The Village Board  
(Board or Council of City, County, etc.)

meeting on July 2, 2007 Resolved to authorize

David J. Conlin, Village President  
(Name, Office)

to act as its designated agent in the processing of this Stipulated Agreement and that  
the Village of Arthur  
(Township, City or County)

is financially willing and able to bear the costs for the proposed improvements as may  
be assigned to it according to the terms of this Agreement.

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

**PROJECT STATUS REPORT:**

**TYPE: (CHECK ONE)**

PROGRESS	√
COMPLETION*	

DATE	
------	--

**PROJECT INFORMATION:**

Reporting Party:	
Docket/Order #; Date:	
Status Reports Due:	
Ordered Completion Date:	
Completion Report Due <sup>1</sup> :	
AAR/DOT#, Milepost:	AAR/DOT 167 038k, railroad milepost 164.90CC
Street, (in/near) City, County:	Progress Street, Arthur, Moultrie County
Railroad Company:	Union Pacific Railroad Company

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

**PROJECT MANAGER INFORMATION<sup>2</sup>:**

Name:	Dave McKernan
Title:	Manager-Industry and Public Projects
Representing:	Union Pacific Railroad Company
Street Address:	100 N. Broadway, Suite 1500
City, State, Zip:	St. Louis, MO 63102
Office Phone:	(314) 331-0682
Office Fax:	(314) 502-2520
Cellular Phone:	
E-Mail Address:	@up.com

<sup>2</sup>Project Manager Information to be submitted by Roadway Authority and Railroad Company

**DESCRIPTION OF IMPROVEMENT(S) ORDERED:**

- Install automatic flashing light signal and gate units controlled by constant warning time circuitry and event recorders, with one unit in each of the four crossing quadrants.

**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, Rail Safety Specialist  
Phone: (630) 424-87508423  
Email: [bvercruy@icc.illinois.gov](mailto:bvercruy@icc.illinois.gov)

A **Form 3** can be obtained from the Illinois Commerce Commission by calling 217/792-7660 or on the web at:

<http://www.icc.illinois.gov/formswizard.aspx>

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 South Dirksen Parkway  
Springfield, Illinois 62764

**APPROACH/BRIDGE WORK**

IDOT, District ##  
Address

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

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

Submit Inventory forms to:

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