

**STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION
STIPULATED AGREEMENT 1322**

T08-0067

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"), Lowe Township Road District ("Road District"), and the State of Illinois, Department of Transportation ("Department" or "IDOT").

WITNESSETH:

WHEREAS, it has come to the attention of the Commission through application for assistance from the Grade Crossing Protection Fund that inquiry should be made into the matter of improving public safety at the 1700E/TR 172 highway-rail grade crossing of Union Pacific Railroad Company's track near Arthur, Moultrie County, designated as crossing AAR/DOT #167 042A, railroad milepost 166.20-CC; 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:

- (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 at the 1700E/TR172 crossing 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 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.

Section 4 The Moultrie 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.

Section 5 The Company and Road District 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 6 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	\$290,792	\$0	\$0	\$0 ²	100% \$290,792
Modify Existing Highway Approaches	\$40,500	100% \$40,500 ¹	\$0 ⁴	\$0	\$0
Install temporary STOP Signs, if ordered	No Estimate Required	\$0	\$0	100% ³	\$0
TOTALS	\$331,292	\$40,500	\$0	\$0	\$290,792

Notes:

- ¹ Total Grade Crossing Protection Fund (GCPF) assistance for reconstruction of the highway approach grades not to exceed \$40,500; any highway approach grade improvement costs above the estimated amount of \$40,500 will be considered for payment by the GCPF, 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 Company responsible for all future maintenance costs associated with the temporary STOP Signs, if ordered.
- ⁴ Road District responsible for all future maintenance costs associated with the highway approaches.

Section 7 The Road District is not required to pay any portion of the cost for the proposed improvements.

Section 8 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 flagging or contractor liability insurance will be required for said work.

Since the highway approach grade improvements at the subject crossing will be performed by the Road District, flagging and contractor liability insurance will be required for said work.

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

The Company and Road District 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 D-1, 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 Road District Project Manager.

All bills for warning device improvement 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 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

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 7 Office, located at 400 W. Wabash, Effingham, IL 62401-2699, Attn: Maureen Kastl. 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 9 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 10 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 7th day of February 2008.



Michael E. Stead
Rail Safety Program Administrator

Attest:



John R. Saladino
Rail Safety Specialist

Illinois Commerce Commission Stipulated Agreement 1322 executed by Commission Staff on February 7, 2008, concerning improvements at the 1700E [TR-172] (AAR/DOT #167 042A; railroad milepost 166.20-CC) highway-rail grade crossing of the Union Pacific Railroad Company's track, located near Arthur, Moultrie County.

Executed by Lowe Township Road District this 19th day of February 2008.

LOWE TOWNSHIP ROAD DISTRICT

By: Clifford John
Highway Commissioner

RECEIVED
FEB 21 2008

Illinois Commerce Commission
RAIL SAFETY SECTION

Attest:

Jerry L Pate
Lowe Township Supervisor

Illinois Commerce Commission Stipulated Agreement 1322 executed by Commission Staff on February 7, 2008, concerning improvements at the 1700E [TR-172] (AAR/DOT #167 042A; railroad milepost 166.20-CC) highway-rail grade crossing of the Union Pacific Railroad Company's track, located near Arthur, Moultrie County.

Executed by the Illinois Department of Transportation this 2 day of MAR 2008.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

Illinois Commerce Commission Stipulated Agreement 1322 executed by Commission Staff on February 7, 2008, concerning improvements at the 1700E [TR-172] (AAR/DOT #167 042A; railroad milepost 166.20-CC) highway-rail grade crossing of the Union Pacific Railroad Company's track, located near Arthur, Moultrie County.

Executed by Union Pacific Railroad Company this 27th day of March 2008.

UNION PACIFIC RAILROAD
COMPANY

By: John J. Horanec
AVP ENGINEERING

Approved as to Form

Ray H. Fawell

Attest:

C. J. Meyer
Assistant Secretary

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

GENERAL INFORMATION: See Location Sketch

RAILROAD	UP
USDOT#, MILEPOST	167 042A, 166.20-CC
STREET, CITY, COUNTY	1700E (n) Arthur, Moultrie
JURISDICTION (RDWY)	Lowe Township Road Dostrict
LOCATION	Rural
STREET SURFACE	16' Oil/chip, 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
NE-SW	Full Depth Timber	32'	Good

ROADWAY DATA: See Location Sketch

INTERSECTING ROADS:	Over 500' away
TRAFFIC CONTROL	None
ADT & SPEED	100 Vehicles Per Day @ 55 MPH (Unposted)
TRAFFIC TYPE	Passenger, School Buses, Hazardous Materials, Horse & Buggy
ADVANCE WARNING	Yes
PAVEMENT MARKING	No

RAILROAD DATA: See Location Sketch

FREIGHT TRAFFIC	25 Per day @ 60 MPH, Day & Night? Yes
PASSENGER TRAFFIC	None
WARNING DEVICES	X Buck w/ Yield sign

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	650	FEET
Required Clearing Sight Distance (CSD) (Along Tracks)	1440	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	*	Ok	<100'	Crops (potentially)
NW	*	Ok	500'	Buildings
SE	*	OK	100'	Crops
SW	*	Ok	200'	Buildings, Trees

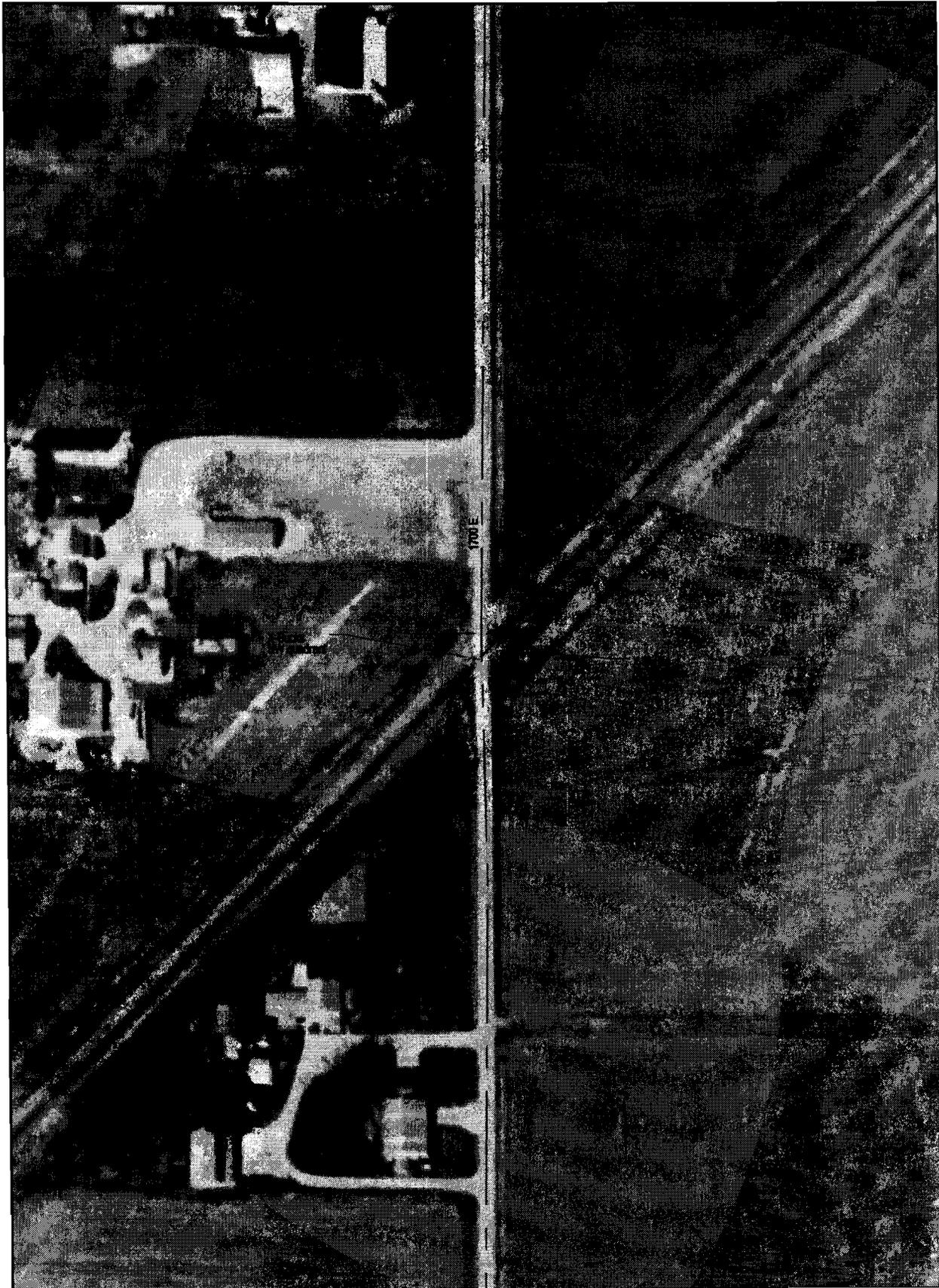
*Note: The installation of automatic flashing light signals and gates eliminate the need to satisfy minimum Sight Distance criteria. All quadrants have visibility restrictions due to trees, berm and curve in road.

APPROACH GRADES: See Location Sketch

DIRECTION: EAST/NORTH			DIRECTION: WEST/SOUTH		
DISTANCE (FT)	ELEVATION (FT)	GRADE (%)	DISTANCE (FT)	ELEVATION (FT)	GRADE (%)
25	99.3	2.8	25	99.4	2.4
50	97.0	6.0	50	98.4	3.2

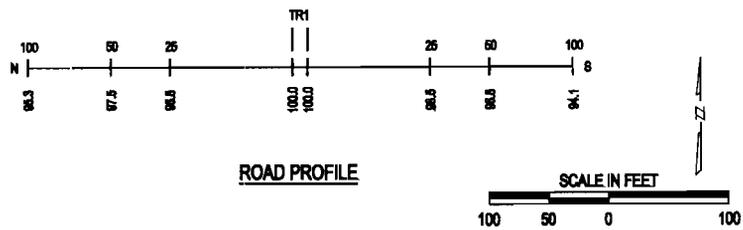
Distance measured from outermost rail.

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



DOT/AAR Inventory #: 167042A
 Location: Moultrie Co., Near Arthur, IL
 Lat/Long: 39° 42' 14"-88° 29' 28"
 Railroad Milepost - Line: 168.2-CC
 Crossing Angle (Deg.): 45
 Crossing Width (By Track): 24.0
 Number of Tracks: 1

NOTE: ALL MEASUREMENTS ARE IN FEET



DATE: 2007-12-05

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

THIS ESTIMATE GOOD FOR 6 MONTHS EXPIRATION DATE IS :2008-06-04

DESCRIPTION OF WORK:
INSTALL LED FL SIGNALS W/GATES AND CMT IN NEW CABIN AT TR-172 IN ARTHUR,
IL. M.P. 166.20 ON THE PANA SUB.
SIGNAL PROJECT MANAGER: RON WASH 595-3275
RAILROAD TO PERFORM ALL WORK / COST DISTRIBUTED AS FOLLOWS:
SIGNAL - FEDERAL GOVERNMENT 100%

PID: 57897 AWO: 59672 MP,SUBDIV: 166.20, PANA
SERVICE UNIT: 04 CITY: ARTHUR STATE: IL

DESCRIPTION	QTY	UNIT	LABOR	MATERIAL	RECOLL	UPRR	TOTAL
ENGINEERING WORK							
ENGINEERING			4449		4449		4449
LABOR ADDITIVE 109.64%			10102		10102		10102
SIG-HWY XNG			4765		4765		4765
TOTAL ENGINEERING			19316		19316		19316
SIGNAL WORK							
BILL PREP			900		900		900
CONTRACT				8396	8396		8396
EARTH FILL/ROCK				3000	3000		3000
LABOR ADDITIVE 109.64%			49648		49648		49648
METER SERVICE				2000	2000		2000
PERSONAL EXPENSES				34688	34688		34688
SALES TAX				5177	5177		5177
CONTINGENCIES				26435	26435		26435
SIGNAL			45283	82842	128125		128125
TRANSPORTATION CHARGES				5302	5302		5302
WZ TRAFFIC CONTROL				7805	7805		7805
TOTAL SIGNAL			95831	175645	271476		271476
LABOR/MATERIAL EXPENSE							
			115147	175645			
RECOLLECTIBLE/UPRR EXPENSE							
					290792	0	
ESTIMATED PROJECT COST							
							290792
EXISTING REUSEABLE MATERIAL CREDIT							
					0		
SALVAGE NONUSEABLE MATERIAL CREDIT							
					0		
RECOLLECTIBLE LESS CREDITS							

THE ABOVE FIGURES ARE ESTIMATES ONLY AND SUBJECT TO FLUCTUATION. IN THE EVENT OF AN INCREASE OR DECREASE IN THE COST OR QUANTITY OF MATERIAL OR LABOR REQUIRED, UPRR WILL BILL FOR ACTUAL CONSTRUCTION COSTS AT THE CURRENT EFFECTIVE RATE.

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

PAGE 04 MORE

RAILROAD: UPRR CO.
 LOCATION: ARTHUR, IL, TR-172, PANA SUB.
 DEPARTMENT: ENGINEERING SERVICES

PROJ NO: 57897
 A.W.O. NO: 59672
 W.O. NO:
 B.I. NO: 07EN10
 STATE: IL
 VAL SEC: 1117

 STOCK MATERIAL PLAN

ITEM NUMBER	ITEM DESCRIPTION	UNIT COST	QTY	UM	DIRECT MATL \$
02040660	BATTERY, GMB, 75A23 OR 50A27, ABSO	303.56	13	EA	3946
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
09014980	CIRCUIT BRKR, 120/240V 20A 2 POLE	14.60	1	EA	15
09015690	CIRCUIT BREAKER, 120/240V 30A AC	5.97	1	EA	6
09054360	RELAY, GEN. PURPOSE 120V. TAB 856	4.67	1	EA	5
09057650	SOCKET, P-B 27E122 TAB 836A & 856	2.06	1	EA	2
09065700	TAPE, ELECTRICAL PLASTIC	2.52	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
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	1.61	4	EA	6
09261570	321527-1 TERMINAL, TEST	1.62	15	EA	24
09401140	ADAPTER, 4 INCH CARLON PLASTIC	3.28	2	EA	7
09409820	BUSHING, 4" PLASTIC, INSULATING	0.82	2	EA	2
09424920	CONDUIT, 4", PVC, TYPE 40	2.14	20	LF	43
09467930	LOCKNUT, 4 INCH, GALVANIZED	5.19	2	EA	10
09844170	GROUND ROD, 5/8 INCH X 8 FEET	7.26	11	EA	80
09846750	GRND. ROD CONN. 4WAY ONESHOT.	5.04	11	EA	55
09908640	WIRE, #6 AWG. 1 COND. COPPER, SOLID	0.42	275	LF	116
09912200	WIRE #6 AWG 2 COND 500' ROLL SHIELD	1.71	6500	LF	11115
09913200	WIRE, #6, 5 COND 500' ROLL SHIELDED	3.15	500	LF	1575
09915610	WIRE #6 AWG 1 COND COPPER, STRAN	0.52	170	LF	88
09930550	WIRE #10 AWG 1 COND COPPER, STRAN	0.21	780	LF	164
09932310	WIRE #10 AWG 1 COND COPPER, TWIST	0.46	200	LF	92
09946070	WIRE #14 7 COND 1000' ROLL SHIELDE	1.36	4000	LF	5440
09960090	WIRE #16 AWG 1 COND COPPER, STRAN	0.10	500	LF	50
09976180	WIRE, #22, TW. PR. BELDEN #8761	0.11	20	LF	2
13547870	SHEET METAL SCREW, #10 X 1 INCH	1.45	1	BX	1
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	14.83	8	EA	119
28033210	CARTON, 39 1/8"L X 23 1/4"W X 17	5.25	1	EA	5
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	8.14	2	EA	16
35040020	PLASTER OF PARIS, #DAP 10308	2.79	1	BX	3
39340220	SIGN, HIGHWAY CROSSING	50.00	2	EA	100

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

PAGE 05 MORE

RAILROAD: UPRR CO.
 LOCATION: ARTHUR, IL, TR-172, PANA SUB.
 DEPARTMENT: ENGINEERING SERVICES

PROJ NO: 57897
 A.W.O. NO: 59672
 W.O. NO:
 B.I. NO: 07EN10
 STATE: IL
 VAL SEC: 1117

39361000	SIGN, "STOP"	47.77	2 EA	96
39369480	SIGN MOUNTING KIT 5"	123.00	2 EA	246
52001370	SURGE PROTECTOR SP20-2A TAB 585	66.14	2 EA	132
52003630	POWER CABLE, CABIN TO GENERATOR -	148.30	1 EA	148
52005700	BOND WIRE, 7 STRANDS 100 LF. ROLL	0.78	700 LF	546
52016830	WIRE DUCT, 2X3	8.44	11 EA	93
52016940	WIRE DUCT, 3X3	9.82	2 EA	20
52017510	WIRE DUCT COVER 2*X6'	1.84	11 EA	20
52017620	WIRE DUCT COVER 3*X6'	2.71	2 EA	5
52019530	ENCLOSURE, SHUNT, POLE MOUNTED. 24X2	163.79	4 EA	655
52019560	EQUALIZER, H.D. TAB 583	8.75	18 EA	158
52021550	FOUNDATION, 4', STEEL, FOR FLSHR/GAT	311.96	2 EA	624
52025240	HOUSE, 6X6, SIGNAL XING	5008.35	1 EA	5008
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	6.71	36 EA	242
52029780	LIGHTNING ARR, HD TAB 582 W/O BASE	9.36	16 EA	150
52030010	LIGHTNING ARRESTOR CONN. STRIP	3.93	4 EA	16
52039210	RECTIFIER, 20EC, 12V. TABS 575	273.99	1 EA	274
52039390	RECTIFIER, 40EC, 12V. TABS 577	370.23	1 EA	370
52042650	POST, MOUNTING, FOR SHUNT HOUSING	15.69	8 EA	126
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	3.69	42 EA	155
52072740	TERMINAL BLOCK, SIGNAL 12 POST 6	15.77	1 EA	16
52072960	TERMINAL BLOCK, SIGNAL 12 POST	12.70	12 EA	152
52074550	TEST LINK, INSULATED ASSEMBLY TAB	0.66	24 EA	16
52074660	SWITCH, MCKEEN TAB 82	13.90	1 EA	14
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	7356.54	2 EA	14713
52109370	GATE ARM, ADJ. 16-32'	481.58	2 EA	963
52122140	HIGH WIND BRACKET 5" OR 4"	63.99	2 EA	128
52136470	SHEAR PIN, SK-1000-1	5.50	2 EA	11
52203960	DUMMY LOAD, 1000 FT. TAB 644	37.85	1 EA	38
52204290	DUMMY LOAD, 2200 FT. TAB 644	37.85	1 EA	38
52207150	GRD XING PREDICTR GCP 4000 6TK.MA	15782.95	1 EA	15783
52258590	NBS, TAB 641, 62775-1543	370.99	1 EA	371
52258850	NBS, TAB 642, 62775-3497	304.99	1 EA	305
52258980	NBS, TAB 640, 62775-8621	462.45	2 EA	925
52263600	SURGE ARRESTOR, METER LOOP.	28.46	1 EA	28
52263690	SURGE PANEL - TAB 619	128.11	3 EA	384
52264040	SURGE PANEL - TAB 618	192.19	1 EA	192
52264500	TRACK FILTER - TP 86	226.43	2 EA	453
52267200	TRANSCIEVER MODULE. FOR GCP 4000	2945.89	4 EA	11784

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

PAGE 06 MORE

RAILROAD: UPRR CO.
LOCATION: ARTHUR, IL, TR-172, PAMA SUB.
DEPARTMENT: ENGINEERING SERVICESPROJ NO: 57897
A.W.O. NO: 59672
W.O. NO:
B.I. NO: 07EN10
STATE: IL
VAL SEC: 1117

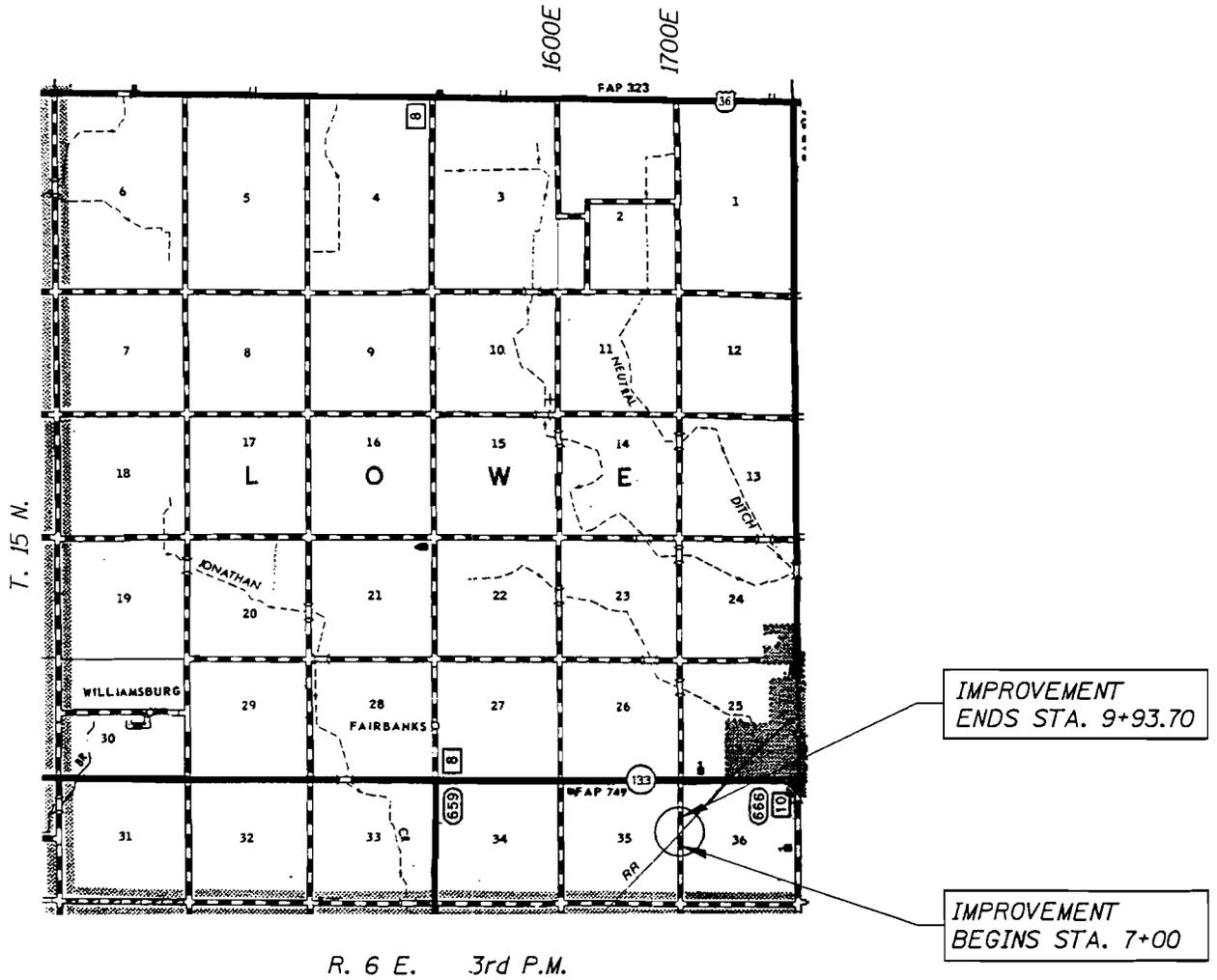
52276150 SS KING CONTROLLER MODULE FOR GCP	1665.11	2 EA	3330
52973600 POK IND. TAB 925	100.00	1 EA	100
53648010 INSULATING CAP & SHIELD ASSY.	1.97	4 EA	8
53903460 EPD 120/240TDPL SURGE PROTECTOR	267.12	1 EA	267
53954500 180429-000 BOOTLEG KIT	49.19	10 EA	492
TOTAL			82,843

**Moultrie County
T.R. 172
Section 05-05001-00-FL
Improvement of RR Crossing #DOT 167-042A
Lowe Township
Near Arthur, Illinois**

Breakdown of Estimated Costs

<u>Item</u>	<u>Description</u>	<u>Cost</u>
1.	Route Surveying	\$ 5,000
2.	Design Engineering	\$ 7,500
3.	Construction Cost See Attached Estimate of Cost	\$ 25,000
4.	Construction Engineering	\$ 3,000
	TOTAL ESTIMATED PROJECT COST =	\$ 40,500

LOWE TOWNSHIP
SECTION 05-05001-00-FL
T.R. 172
MOULTRIE COUNTY



R. 6 E. 3rd P.M.

LAYOUT

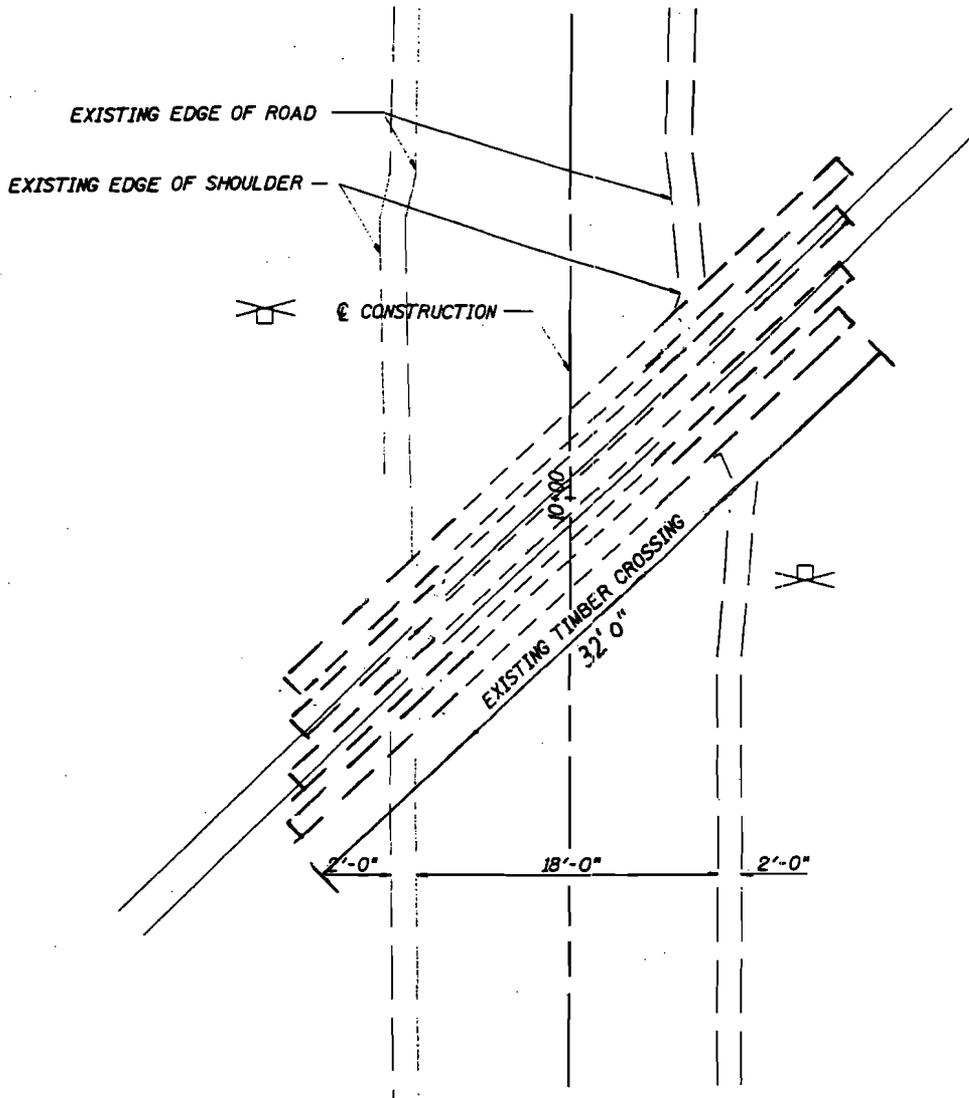
Net Length of Section = 293.70 Feet = 0.056 Miles



SCALE IN MILES

LOCAL ROAD
CURRENT ADT=125

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 172	#	MOULTRIE		
LOWE TOWNSHIP				
# 05-05001-00-FL				



MINIMUM 31'-2" CROSSING REQUIRED
(SHOULDER TO SHOULDER PER POLICY)

PROPOSED ROADWAY: 18'-0" PAVEMENT
2'-0" SHOULDER

CROSSING DETAIL

FAS 621 (CH 10)
SECTION 05-00075-05-RS
SANGAMON COUNTY

CUMMINS ENGINEERING CORPORATION

JOB # 216*
FILE # 216*
DATE: 12/22/08

REV. 3/6/08 JRS.

SUMMARY OF QUANTITIES

ITEM	UNIT	QUANTITY
TREE REMOVAL (OVER 15 UNITS DIAMETER)	IS	15
EARTH EXCAVATION	CU YD	80
• FURNISHED EXCAVATION	CU YD	475
• TRENCH BACKFILL	CU YD	30
• SEEDING, CLASS 2 (SPECIAL)	ACRE	0.3
TEMPORARY EROSION CONTROL SEEDING	POUND	30
TEMPORARY DITCH CHECKS	EACH	2
INLET AND PIPE PROTECTION	EACH	1
• AGGREGATE BASE COURSE, TYPE B	TON	268
BITUMINOUS MATERIALS (PRIME COAT)	GALLON	206
BITUMINOUS MATERIALS (COVER AND SEAL COATS)	GALLON	412
COVER COAT AGGREGATE	TON	8
SEAL COAT AGGREGATE	TON	8
• PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2
• TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1
• PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	56
• RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1
• SEE SPECIAL PROVISIONS		

GENERAL NOTES

- ALL CLEARING AND GRUBBING AND REMOVAL OF EXISTING DRAINAGE STRUCTURES AND PIPES ENCOUNTERED ARE TO BE INCLUDED IN THE UNIT PRICE BID FOR EARTH EXCAVATION EXCEPT AS NOTED ON THE PLANS.
- THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS, ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE BUT THE LOCATIONS ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.
- WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY AS DIRECTED BY THE ENGINEER.

SEEDING, CLASS 2 (SPECIAL) = 0.3 ACRES

- SEEDING DATES FOR ALL CLASSES OF SEEDING WILL BE AS LISTED BELOW:

CLASS OF SEEDING	BEGINNING DATES	TERMINATION DATES
L1A,1B,2,2A,3 (IN SPRING)	APRIL 1	MAY 15
L1A,1B,2,2A,3 (IN FALL)	AUGUST 15	OCTOBER 15

- THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD CONTACT IS:

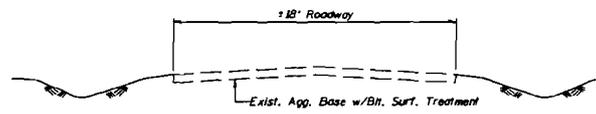
DAVID W. WICKERMAN
UNION PACIFIC RAILROAD
ROOM 1512
210 W 13th ST.
ST LOUIS, MO 63103
(314) 216-6082

- SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE RAILROAD FLAGGER CONTACT IS:

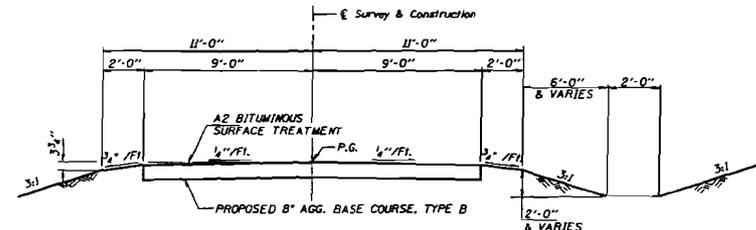
S.J. IHAM
853 EDGEWOOD RD
SALEM, IL 62881
(618) 548-7154

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
T.R. 172	05-05001-00-FL	MOULTRIE	5	2

LOWE TOWNSHIP



TYPICAL EXISTING ROADWAY CROSS SECTION



Fill Section-Construct as Shown on Station Cross Sections

Cur Section-Construct as Shown on Station Cross Sections

TYPICAL PROPOSED ROADWAY CROSS SECTION

T.R. 172 STA. 7+75 TO STA. 9+93.70
TRANSITION T.R. 172 FROM EXISTING TO PROPOSED ROADWAY FROM STA. 7+00 TO STA. 7+75

EARTHWORK

LOCATION	EARTH EXCAVATION (CUT)	EARTH EXCAVATION (ADJUSTED FOR SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (-) SHORTAGE (+)
T.R. 172	CU YD	CU YD	CU YD	CU YD
EARTH EXCAVATION TOTALS	80	60	535	475

SHRINKAGE FACTOR = 25% FURNISHED EXCAVATION = 475 CU YD

APPLICATION RATES USED IN QUANTITY CALCULATIONS

Granular Materials	2.05 Tons/Cu. Yd.
Bituminous Materials (Prime Coat)	0.35 Gallon/Sq.Yd.
Bituminous Materials (Cover & Seal Coats)	0.35 Gallon/Sq.Yd./Application
Cover & Seal Coat Aggregate	25#/Sq.Yd./Application

NOTE: THE ABOVE NOTED APPLICATION RATES FOR BITUMINOUS MATERIALS AND FOR COVER & SEAL COAT AGGREGATE ARE FOR QUANTITY CALCULATIONS ONLY. THE APPLICATION RATE TO BE APPLIED WILL BE DETERMINED BY THE ENGINEER AT THE TIME OF PLACEMENT.

SUMMARY OF QUANTITIES, GENERAL NOTES, & TYPICAL CROSS SECTION

T.R. 172
SECTION 05-05001-00-FL
LOWE TOWNSHIP
MOULTRIE COUNTY

CUMMINS ENGINEERING CORPORATION

JOB #	2164
FILE #	2164TYP
DATE	11/27/06

NE 1/4 SEC 35, T15N, R6E, 3rd PM

* COST IS INCLUDED IN EARTH EXCAVATION

PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 172	100-05001	MOLTRIE	5	3

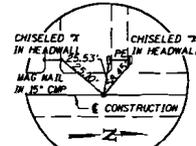
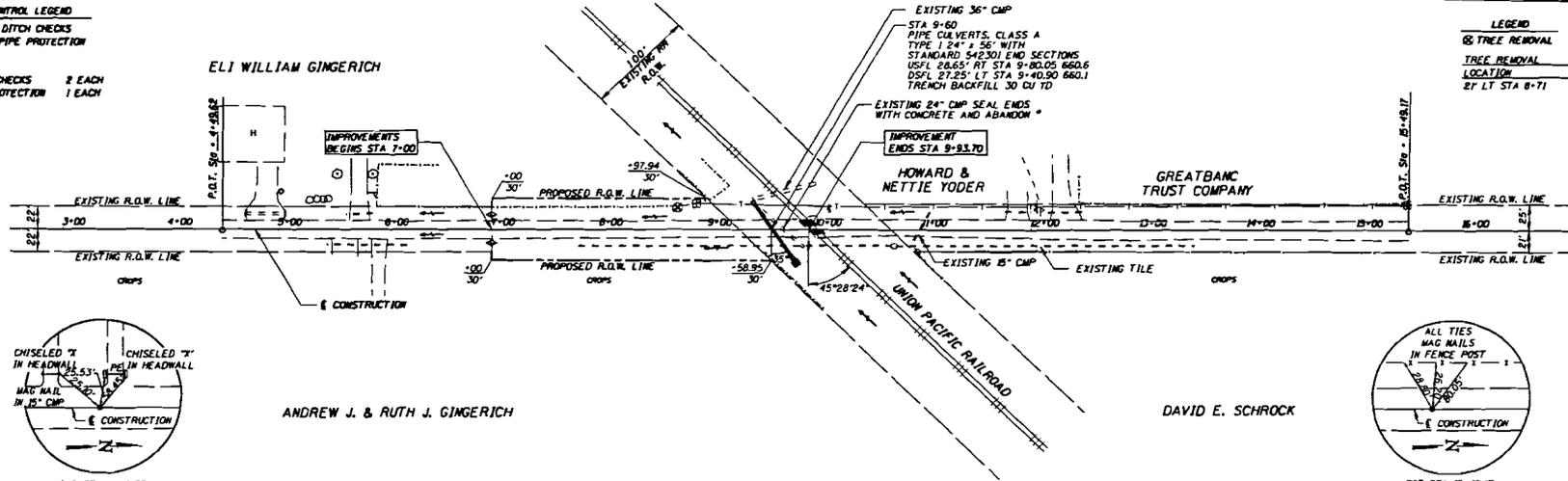
EROSION CONTROL LEGEND

- ⊕ TEMPORARY DITCH CHECKS
- ▣ INLET AND PIPE PROTECTION

TEMPORARY DITCH CHECKS 2 EACH
 INLET AND PIPE PROTECTION 1 EACH

LEGEND

SYMBOL	DESCRIPTION	UNIT
⊕	TREE REMOVAL	
▣	TREE REMOVAL	
▣	LOCATION	
▣	BT LT STA 8-71	15

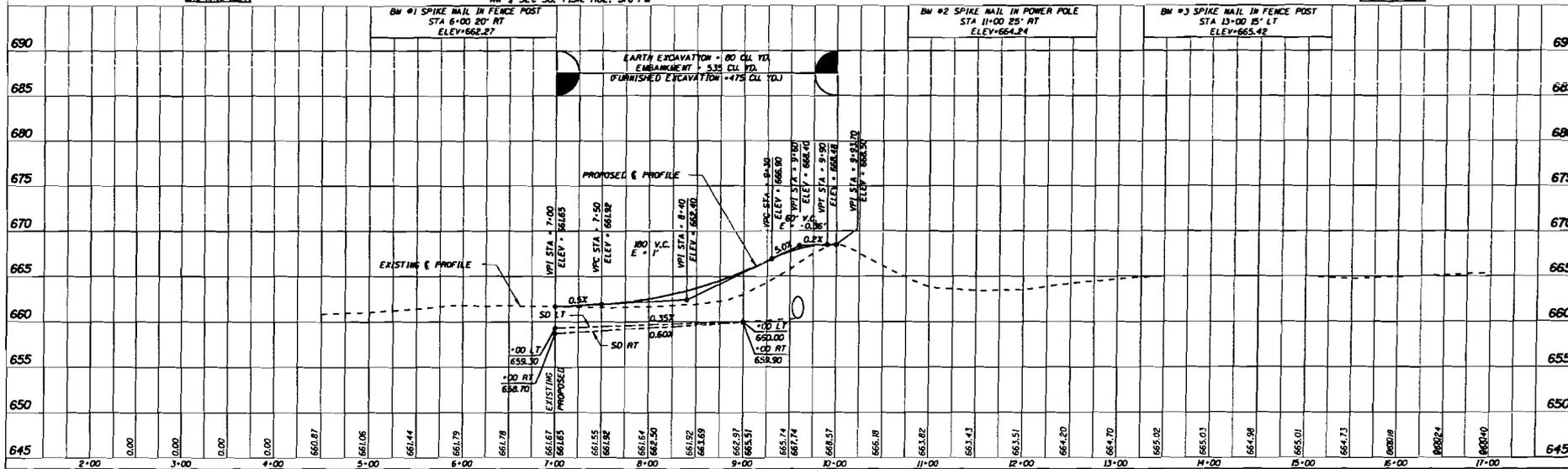


POT STA 4+99.62
MAG NAIL (SET)

MM 1/4 SEC 36, T15N, R6E, 3rd PM



POT STA 15+09.17
MAG NAIL (SET)



TR 172 STA 2+00 TO STA 17+00

SA 1322

Exhibit C, Page 5

**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:

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/hq/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: Install AFLS/Gates.

PROGRESS	
COMPLETION ¹	

DATE	2/19/08
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PROJECT INFORMATION:

Reporting Party:	Lowe Township Road District
Docket/Order #; Date:	708-0067
Status Reports Due:	
Ordered Completion Date:	
Completion Report Due ¹ :	
AAR/DOT#, RR Milepost:	167 042A, 166.20-CC
Street, (in/near) City, County:	1700 E/TR 172, near Arthur, Moultrie County
Railroad Company:	UP

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

PROJECT MANAGER INFORMATION²:

Name:	Clifford Johnson (CIF)
Title:	Highway Commissioner
Representing:	Lowe Twp Road District
Street Address:	R.R#2 Box 76A
City, State, Zip:	Louington, IL. 61937
Office Phone:	217-543-2524
Office Fax:	
Cellular Phone:	217-454-6018
E-Mail Address:	

²Project Manager Information to be submitted by Lowe Township Road District.

DESCRIPTION OF IMPROVEMENTS ORDERED:

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

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

Right of way has been obtained according to plans

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

Illinois Commerce Commission
527 East Capitol Avenue
Springfield, IL 62701

If you have questions contact:

John Saladino, Railroad Safety Specialist
Phone: 217/785-8423
Email: jsaladino@icc.illinois.gov

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

<http://www.icc.state.il.us/hq/library.aspx?key=Railroad%20Safety>

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