

STATE OF ILLINOIS  
ILLINOIS COMMERCE COMMISSION

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Petition for permission to make a major change in crossing protection, or to install new protection under 92 Illinois Administrative Code 1535.400 (d)

X-12653

T07-0041

Illinois Commerce Commission  
SAFETY SECTION  
Date: December 7, 2007

To the Illinois Commerce Commission:

The petitioner Iowa Interstate Railroad, Ltd. shows

700109°

- (1) That it is a railroad company operating a line of railroad in the State of Illinois.
- (2) That petitioner proposes and hereby makes application for authority to make a major change in crossing protection, or to install new protection, under 92 Illinois Administrative Code 1535.400 (d) adopted by this Commission.
- (3) That the location of the crossing, the nature of protection now established and proposed to be established, and other pertinent facts in connection therewith, are set forth in the statement attached to and forming part of this petition.
- (4) That petitioner's reasons and purpose, with reference to its said proposal are

926045

Crossing, Warning Signal & Signage Details

- (5) That the facts set forth in this petition and in the statement and plans or plats attached thereto, are, all of them, true and correct to the best of petitioner's knowledge and belief.

WHEREFORE, the petitioner prays that the Commission will, if deemed desirable by the Commission, set the aforesaid matter for hearing, and that the Commission enter an order or adopt a resolution consenting to and granting authority for the making of the said proposed changes in or additions to crossing protection.

Iowa Interstate Railroad, Ltd.

By   
**Stephen J. Stoakes**  
Engineer Public Works/Real Estate  
319-298-5417

\_\_\_\_\_  
(Attorney for Petitioner)

**(Use Enter key for up to four additional lines.)**

\_\_\_\_\_  
(Attorney's Address)

Statement, attached to and part of an application for permission to make a major change in crossing protection or to install new protection, under 92 Ill. Adm. Code 1535.400(d).

1. Name of Railroad Company Iowa Interstate Railroad, Ltd
2. Crossing Number 926045S
3. Village or City Village of Annawan, IL
4. Name of Street or Highway Patriot Way
5. Public Agency Maintaining Highway Village of Annawan, IL
6. Protection now established: (Give full description. Indicate the hours of any manual protection.)  
None - Crossing is note yet open.
7. Protection desired: (Give details)  
See attached exhibits
8. Number of main tracks 1 Other tracks None
9. Number of passenger train movements: 6 a.m. to 6 p.m. None 6 p.m. to 6 a.m. None
10. Number of freight train movements: 6 a.m. to 6 p.m. 2 6 p.m. to 6 a.m. 2
11. Approximate number of switch movements: 6 a.m. to 6 p.m. None 6 p.m. to 6 a.m. None
12. Maximum speed of trains at crossing on each track in each direction  
Track 1 N/E Bound 40 mph S/W Bound 40 mph  
Track 2 N/E Bound N/A mph S/W Bound N/A mph  
Track 3 N/E Bound N/A mph S/W Bound N/A mph
13. Passenger platforms served by tracks within the limits of track circuits, if any N/A
14. Where automatic signals or gates are proposed, approximately number of train or engine movements daily which would cause false indications or operation None

15. **Nature and approximate amount of street or highway traffic over crossing**  
**450 AADT at opening, 68% truck traffic - 2017 Projection: 1450 AADT**
- 
16. In addition to the information listed hereinbefore in Form 3, attach a track plan or plat of the proposed crossing. This plan should show:
- (a) Width and surface of highway.
  - (b) Highway intersections (including private driveways to be so indicated) and location of established highway signs or signals within 100 feet of crossing.
  - (c) Location of tracks, switches and other railroad facilities such as block signals, etc. within limits of track circuits, present and/or proposed.
  - (d) Where automatic protection is proposed, show proposed location of signals (sidelights, cantilevers, etc., if any).
  - (e) Show the length of each operation track section within the control limits of the crossing protection and its function.

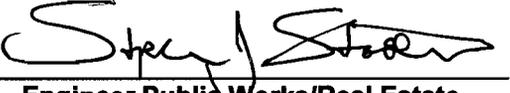
**ADDITIONAL INFORMATION**

**See attached documentation: Shive-Hattery Intersection Details Drawing SD-1**  
**Shive-Hattery US Route 6 Intersection w/Patriot Way Improvements Pg. 37**  
**Balfour Beatty Crossing Track Plan Drawing & BOM for Warning Devices**

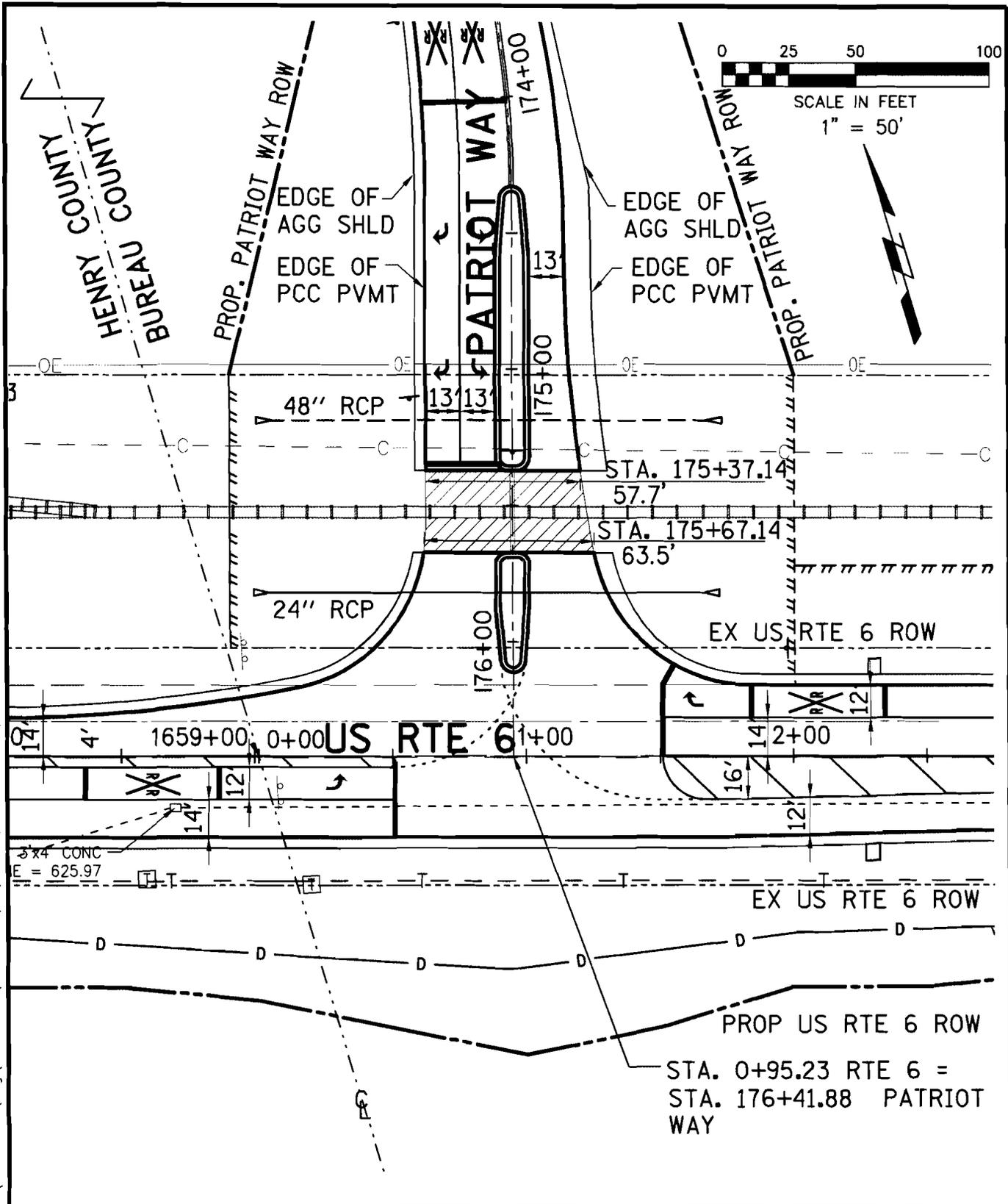
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VERIFICATION

I, **Stephen J. Stoakes**, first being duly sworn upon oath depose and say that I am **Engineer Public Works/Real Estate** of **Iowa Interstate Railroad, Ltd.**, an **Deleware** corporation; that I have read the above and foregoing petition by me subscribed and know the contents thereof; that said contents are true in substance and in fact, except as to those matters stated upon information and belief, and as to those, I believe same to be true.

  
\_\_\_\_\_  
**Engineer Public Works/Real Estate**

XReference Files: XR-CP-01 > P:\PROJECTS\306365-3\DWG\XR-CP-01.Dwg | P--US6PROFILE > P:\PROJECTS\306365-3\DWG\P--US6PROFILE.Dwg | MICROSTATION-TP-B1-01 > P:\PROJECTS\igbuckw | P:\Projects\306365-3\dwg\SD-1.DWG | DATE: 11/21/2007 | Time: 17:29



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**US ROUTE 6 INTERSECTION  
 WITH PATRIOT WAY IMPROVEMENTS  
 ANNAVAN, IL**

PROJECT NO.  
306365-3

DATE	11-21-07	SCALE	AS SHOWN
DRAWN	IGB	FIELD BOOK	
APPROVED	PRL	REVISION	
REFERENCE DRAWING			C15

ISSUED FOR  
**REVISION**

**SD-1**



Patriot Way, Annawan, IL					
Description	QTY		Unit Price	Ext Price	PN
<b>House Material</b>					
RES ADJ WW 15W 12.5 OHM 5% PNL	2	EA	\$58.75	\$117.50	002014-021
HEAT SHRINK TUBING 3/4 BLK	6	EA	\$0.92	\$5.52	01030071
KIT RLY FL E-POST MOD W/S STUB	3	EA	\$9.19	\$27.57	005634-000
CONDUIT CONN FLEX 1/2" 90 DEG	1	EA	\$0.97	\$0.97	005826-093
WIRE WRAP SPIRAL BLK 1/2"	30	FT	\$3.45	\$103.50	005969-000
RLY B1 PLBD KIT NO FLAG CONT	3	EA	\$44.15	\$132.45	007062-003
RLY B 500 OHM NEUT 4FB-2F-1B	3	EA	\$405.89	\$1,217.67	007062-277
RLY DPDT 12VDC 5A OCT	1	EA	\$14.27	\$14.27	007192-032
THERMOSTAT SPDT REMOTE BULB 8A	1	EA	\$61.89	\$61.89	009186-004
WIRE 10AWG/19 TC EPR/PVC BLU	750	FT	\$0.58	\$435.00	012092-000
WIRE 16AWG/19 TC EPR/PVC BLU	550	FT	\$0.21	\$115.50	012092-002
WIRE 6AWG/19THHN BLK	100	FT	\$0.70	\$70.00	012253-000
WIRE 6AWG/19 THHN GRN	25	FT	\$0.63	\$15.75	012253-002
WIRE 6AWG/19 THHN RED	75	FT	\$0.75	\$56.25	012253-003
CABLE RAW 3/14AWG PWR 300V	12	FT	\$0.73	\$8.76	012690-010
NUT INSULATED HARMON	12	EA	\$3.00	\$36.00	013986-000
XFMR 115-230VPRI/16VCT 5A 80VA	1	EA	\$20.84	\$20.84	016206-105
CHARGER 20A 12V CRAGG 20ETC12V	1	EA	\$548.81	\$548.81	017061-201
CHARGER 40A 12V CRAGG 40ETC12V	1	EA	\$711.65	\$711.65	017061-203
MONITOR LOW VOLT BATT 12V DBL	1	EA	\$337.73	\$337.73	017225-005
HSE 6X6 AL S/L SKR101 L/KEY SW	1	EA	\$7,526.60	\$7,526.60	028633-003
TEST LINK W/PLT & INSUL	76	EA	\$2.00	\$152.00	032257-002
TEST LINK 2.375" CNTR FL INSUL	1	EA	\$10.88	\$10.88	032258-003
WRENCH RLY TST E-POST	1	EA	\$34.89	\$34.89	095605-000
WRENCH AAR TERMINAL	1	EA	\$15.80	\$15.80	095905-000
GROUND POST P5-162	5	EA	\$26.83	\$134.15	113047-000
LABEL RK PNL-MAINTAINER TST SW	1	EA	\$5.01	\$5.01	125372-000
SCKT RLY 8-PIN OCT SCREW PNLMT	1	EA	\$3.41	\$3.41	132246-001
CONN PLUG L6-15 250V 15A 2P3W	2	EA	\$10.50	\$21.00	132286-001
KIT APRVD SM PARTS/SL XING	1	EA	\$1,071.43	\$1,071.43	180394-590
ASSY LIGHT PO EXT-GEMS	1	EA	\$54.47	\$54.47	201744-001
ASSY AGA-1	32	EA	\$19.00	\$608.00	202216-001
ASSY AGE-1	2	EA	\$20.00	\$40.00	202217-000
ASSY 2WAY TERM BLK W/AAR HARD	7	EA	\$16.00	\$112.00	202810-000
ASSEMBLY, 4 POST TERMINALBLOCK	28	EA	\$12.37	\$346.36	203032-000
ASSEMBLY LAMP RESISTOR PANEL	1	EA	\$730.00	\$730.00	227217-000
ASSY SINGLE ROW TERM 12 POST	6	EA	\$22.00	\$132.00	250084-212
ASSY TERM STRIP DBL POST 12	8	EA	\$20.00	\$160.00	250094-300
ASSY MDSA-1	1	EA	\$266.40	\$266.40	250204-001C
ASSY HXP-3R W/IDK/AXD/RMM 8KHZ	1	EA	\$19,138.50	\$19,138.50	250811-2221
ASSY VLG 2 INPUTS 12S DLY DRV	1	EA	\$511.20	\$511.20	250948-020
ASSY XLC TOP LEVEL	2	EA	\$857.70	\$1,715.40	250991-000
ASSY BASE VLG W/RL DR	1	EA	\$68.40	\$68.40	251071-010
ASSY PLUGBOARD XLC	2	EA	\$81.00	\$162.00	251071-100
ASSY HAWK REC CDU 4M	1	EA	\$2,407.50	\$2,407.50	251210-00011
Sign, Adhesive RR Call	1	EA	\$206.19	\$206.19	Sign
LABEL, DANGER 240 V, 1.75 X 2.	1	EA	\$5.57	\$5.57	SQS109

Foremans Kit	1	EA	\$500.00	\$500.00	Kit
<b>Field Material</b>					
CABLE TIE 14-1/2L NAT	20	EA	\$0.20	\$4.00	005019-022
HOSE RUBBER 3/4"	120	EA	\$1.53	\$183.60	005360-015
CADWELD ONESHOT 3/4" NX TYPE	4	EA	\$13.05	\$52.20	005755-008
CADWELD ONESHOT 3/4" GR 1 WIR	2	EA	\$9.66	\$19.32	005755-011
WIRE DIESEL 6AWG 600V	50	FT	\$1.24	\$62.00	012033-001
PADLOCK SIGNAL CASE	9	EA	\$29.67	\$267.03	013043-000
NUT INSULATED HARMON	8	EA	\$3.00	\$24.00	013986-000
HEATER GATE MECH 115VAC WCH	2	EA	\$94.60	\$189.20	017155-006
BOX SHUNT MOUNTING ASSY 8X8X32	3	EA	\$217.80	\$653.40	028742-001
LUG RNG 1/4" 6AWG AMP ONLY	10	EA	\$0.01	\$0.10	032063-005
LUG RNG 1/4" 12-10AWG INS BLK	55	EA	\$0.01	\$0.55	032114-008
GATE ASSY 3597 W/CTWT KIT 32'	2	EA	\$4,677.20	\$9,354.40	076037-013
GATE ARM 16-32' UHI LED LGHTS	2	EA	\$694.10	\$1,388.20	076045-014
WRENCH TORQUE WCH 3590-K-9	1	EA	\$244.53	\$244.53	095936-001
BOND JOINT 3/16" X 6-1/2" XS ERICO #SBS	300	EA	\$3.48	\$1,044.00	1072-01
CABLE UG 7 COND #6 AWG SOLID COPPER OK	400	FT	\$4.14	\$1,656.00	1077-05
CABLE UG 7 COND #9 AWG SOLID COPPER OK	400	FT	\$2.40	\$960.00	1080-05
BRACKET CONVERSION W/CAST ADPTNEG 385102	2	EA	\$210.10	\$420.20	1082-01
WIRE UG TRK #6 AWG DUPLEX	750	FT	\$0.97	\$727.50	1094-05
CLIP TRACK WIRE RETAINER ERICO #SBA	16	EA	\$1.85	\$29.60	1118-01
STAPLE GROUND WIRE 1-1/16"X3"	24	EA	\$0.26	\$6.24	113005-000
ROD 3/4 X 8 NON-SECT COP GRND COPPERWELD	6	EA	\$18.48	\$110.88	1132-01
SLEEVE NICO 3/16"-#6 AWG REDUC#2363-J	10	EA	\$0.85	\$8.50	1145-01
STAPLE COPPERWELD 3/8 X 1-3/4 144 IN. RO	50	EA	\$0.21	\$10.50	1148-01
COMPOUND DUCT SEAL 5 LB PLUG PERMAGUM #	4	PK	\$8.75	\$35.00	1179-01
TAPE ELECTRICAL 3M #33+ 3/4" PLASTIC	5	RL	\$3.41	\$17.05	1190-01
TAPE CAUTION YELLOW	1	EA	\$21.56	\$21.56	11923-01
SIGN XING HI W/5" STRIP	1	EA	\$135.39	\$135.39	125535-005
TAPE ELECTRICAL 3M #130-C LINERLESS	5	RL	\$7.02	\$35.10	1321-01
SLEEVE 4 ALUMINUM REC #92958	2	EA	\$42.90	\$85.80	14187-01
WIRE #6 SOFT BARE COPPER	75	FT	\$0.32	\$24.00	1436-01
FND SIGNAL 32 X 32 X 60	1	EA	\$803.00	\$803.00	17190-4
KIT FOUNDATION LEVEL BOLT	4	EA	\$23.99	\$95.96	180554-000
GREASE RUST PREVENTIVE NO OXID"A SPECIAL	2	EA	\$6.60	\$13.20	1906-01
BASE 5" JCT BOX 1 1/2" CAP	1	EA	\$534.28	\$534.28	20923-02
WIRE DIESEL 10AWG 2000 VOLTS	400	FT	\$0.50	\$200.00	2125-01
ASSY NBS-1 W/10' LEADS 522HZ	3	EA	\$289.80	\$869.40	250250-J07B
BATTERY GNB 50A13 320 AH	6	EA	\$355.56	\$2,133.36	3424-01
BATTERY GNB 50A11 265 AH	7	EA	\$287.52	\$2,012.64	3426-01
BOOTLEG BOND W/COUPLER KIT 1EASBTBBU4A	620	EA	\$3.95	\$2,449.00	3522-01
COMPOUND INSULATING ELECTRICALSKOTCHKO	1	EA	\$17.71	\$17.71	4123-01
TIE CABLE .184 X 7.31" HIG TEMSELF LOCKI	30	EA	\$0.04	\$1.20	4125-01
BOND STRAND 8-STR 3/16" TINNEDSBS8TINSUL	1000	FT	\$0.81	\$810.00	4133-01
CLAMP GROUND FOR SIGNAL MAST ERICO# SBB	1	EA	\$79.39	\$79.39	4578-01
DEFLECTOR BRKT W/3" HDWE	1	EA	\$624.00	\$624.00	50-50304-00
MAST 5"X16' BOGS90RM90R	1	EA	\$375.56	\$375.56	511044-04
12" F/L 2W LED 24" AL 4" MTG	1	EA	\$1,925.10	\$1,925.10	517G1-G2-103
12" F/L 1W LED 4"MT 24"AL BG	1	EA	\$976.50	\$976.50	517G1-G2-118
12" F/L 2W LED 5"MT 24"AL BG	1	EA	\$1,925.10	\$1,925.10	517G1-G2-206

12" F/L 2W LED 24" AL BRKT MTG	1	EA	\$1,925.10	\$1,925.10	517G1-G2-606
CABLE 3 COND 4 AWG 206-11-637	100	FT	\$7.32	\$732.00	5192-05
GUARD LADDER 9"X72" ALUM	1	EA	\$40.00	\$40.00	54-00121
BRKT LADDER LOCKING	1	EA	\$25.00	\$25.00	54-00131
BELL MTG 5" X 10" W/O PINNACLE	1	EA	\$78.00	\$78.00	54-00513
PINNACLE 3" PVC W/SETSCREW	4	EA	\$10.00	\$40.00	54-11306
GATE MECH SIDE/FOR 10"DBL CAN	1	EA	\$1,097.53	\$1,097.53	541207-01
MAST 10" DBL PKG 31'-40' ARMS	1	EA	\$7,151.44	\$7,151.44	541575-01
JCT BOX EXT GATE/COMBO	1	EA	\$418.00	\$418.00	54518-03
PINNACLE 10" MACHINED W/SETSCW	1	EA	\$51.00	\$51.00	54-54002
ASSY FLANGE BOLT FOR CANTILEVE	12	EA	\$5.00	\$60.00	54-54458
HIGH WIND BKT W/5"HDW LINCOLN	1	EA	\$179.72	\$179.72	54-55981
LEAVE IN PLACE FND UP COMPLETE	1	EA	\$1,296.00	\$1,296.00	54740-02
ARM 26' WALKOUT CANT FAB LH	1	EA	\$4,409.00	\$4,409.00	54826-01
SIGN SF-XING CANT BKT HI W/HDW	1	EA	\$421.00	\$421.00	60007-01-2EA
SIGN HDW F/5"MAST RIBBED XING	1	EA	\$109.00	\$109.00	60-11330-05
BELL ELECTRONIC CROSSING 4/5"	2	EA	\$212.36	\$424.72	6147-01
CABLE UG 5 COND #10 OKONITE	100	FT	\$1.46	\$146.00	8148-01
TRAY PVC BATTERY FOR RELAY CSE	4	EA	\$38.50	\$154.00	9549-01
DOT Sign Mast	2	EA	\$60.50	\$121.00	Sign
Stone	1	Lot	\$750.00	\$750.00	
Total Material Price				\$93,420.55	
Bungalow Wiring				\$4,354.42	
Signal Wiring				\$1,428.00	
Engineering				\$7,256.00	
Freight				\$4,470.59	
Sales Tax			5.50%	\$5,384.01	
<b>Total Project Price</b>				<b>\$116,313.57</b>	