

FILE

10

Martin, George

From: Frank, Terry [T.Frank@xorail.com]
Sent: Friday, March 27, 2009 7:52 AM
To: Tim.Perkins@dot.state.oh.us; Martin, George
Cc: RA-PM; RA-Distribution; Ryan.Ratlidge@railamerica.com; Biff.Konrad@railamerica.com; joe.spirk@railamerica.com
Subject: RE: (IORY) - TREMONT, (Champaign), OH - CR 79 (Thackery Road) - DOT# 258740V - RR MP. 183.78 - IORY# TBA - SWE# VEM09-22894
Attachments: IORY - DOT# 258740V - MP 183_78 - Preliminary Estimate (03-27-2009).pdf; 258740V H04.pdf; 258740V H01.pdf; 258740V H02.pdf; 258740V H03.pdf

Mr. Perkins & Mr. Martin,

Please find attached the formal IORY Preliminary Engineering Submittal items in reference to the subject Highway-Rail At-Grade Crossing Improvement Project Under **PUCO Case No. 09-68-RR-FED**:

1. **Dwg. No.: 258740V.H01** – This file reflects the proposed Crossing configuration plan for the Railroad Warning Devices. This plan is submitted for your review and acceptance of the configuration plan proposed. The Roadway Authority must formally approve this plan or provide comments to the configuration presented before this project can progress.
2. **Dwg. No.: 258740V.H04** – This file reflects the proposed Track configuration plan for the Railroad Warning Devices. This plan is submitted for your review and acceptance of the configuration plan proposed. The Roadway Authority must formally approve this plan or provide comments to the configuration presented before this project can progress.
3. **File: IORY - DOT# 258740V - MP 183_78 - Preliminary Estimate (03-27-2009).pdf** – This file provides the Preliminary Cost Estimate for the Railroad work required. PLEASE NOTE: This is only an Estimate for the Railroad work required. The State of Ohio (ORDC) will be responsible for these costs. Any significant cost changes that develop during the progression of this project will be submitted by the Railroad to the State of Ohio (ORDC) for approval.

PLEASE NOTE – The Preliminary Estimate for this project was presented to you and Susan Kirkland during our 03-19-2009 meeting, but has been revised to reflect the cost for Track Insulation/Bonding required for control circuitry operation.

Please provide a Docket entry of this submittal for formal records, and provide a copy of the updated docket upon completion.

Please review this information, and provide the required formal responses, and authorization to proceed as necessary.

Please feel free to contact me if you have any questions.

Thank you,

Terry J. Frank
Project Manager

Xorail
 FORMERLY: **Southwest**
 Signal Engineering Co.

Southwest Signal Engineering Co. is now Xorail. Only our name has changed. We are the same quality company you have come to trust. We have expanded our service to better meet your needs both today and well into the future. Please note the new e-mail address and website below for your future reference.

7235 Bonneval Road

This is to certify that the images appearing are an accurate and complete reproduction of a case file document delivered in the regular course of business.

Technician SM Date Processed MAR 27 2009

3/27/2009

RECEIVED-BOOKING DIV
 2009 MAR 27 AM 8:58
 PUCO

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Indiana & Ohio

Estimate No.: TBD 12-Mar-09

INDIANA & OHIO RAILWAY

IORY

TREMONT, (CHAMPAIGN), OH
Thackery Road (CR79)

DOT# : 258740V
RR MP.: 183.78

RAILROAD #: TBD
XORAIL #: VEM09-22894

Summary

CROSSING WARNING SYSTEM	\$382,520.00
(Includes all design, requisition, labor, materials, shop wiring, and installation)	
This cost includes track bonding/insulation required for control circuitry operation in the amount of: \$193,200.00	
ROAD CROSSING RESURFACING	\$0.00
(Includes all design, requisition, labor, materials, and installation)	
TRACK GRADE AND REHABILITATION	\$0.00
(Includes all design, requisition, labor, materials, and installation)	
RAILROAD ENGINEERING	\$5,504.15
(Includes RAILROAD Labor for all Engineering, Agency Coordination, and Project Management)	
CONTRACT ENGINEERING	\$13,000.00
(Includes CONTRACT Labor for all Engineering, Agency Coordination, and Project Management)	
OTHER	\$0.00
POLELINE REMOVAL	\$0.00
SALVAGE	\$0.00
TOTAL ESTIMATE COST	\$381,024.15

DATE: March 12, 2009

RESPONSIBLE PARTY:

Name: **State of Ohio**
Number: **Case No. 09-68-RR-FED**
Contact: **Tim Perkins**

NOTE : This estimate should be considered void one year from the date of estimate.

CROSSING WARNING SYSTEM - Signals

DATE: 3/12/2009

RR Code: IORY
 Location: TREMONT, (CHAMPAIGN), OH
 Crossing Name: Thackery Road (CR79)
 AAR\DOT#: 258740V
 RR Milepost: 183.78
 RR Project #: TBD
 Xorail Project #: VEM09-22894

OFFICE OF THE DIRECTOR OF SIGNALS AND COMMUNICATIONS

Project Type: External Contract

This estimate should be considered void after one (1) year.

MATERIAL	UNIT COST	UNITS	TOTAL COST
GATE ASSEMBLIES	\$7,479.00	2 EA.	\$14,958.00
GATES	\$500.00	2 EA.	\$1,000.00
GATE FOUNDATIONS	\$575.00	2 EA.	\$1,150.00
6' X 6' WIRED CASE, WITH HXP-3R2	\$62,480.00	2 EA.	\$62,480.00
BATTERIES, SAFT SPL340	\$375.00	20 EA.	\$7,500.00
MISC. GROUND MATERIAL	\$1,990.77	1 PKG.	\$1,990.77
INSULATE GAUGE RODS	\$1,800.00	0 EA.	\$0.00
INSULATE / BOND RAIL JOINTS	\$2,300.00	84 EA.	\$193,200.00
CONDUIT & DIRECTIONAL BORE	\$45.00	70 FT.	\$3,150.00
CABLE	\$8,632.00	1 PKG.	\$8,632.00
POWER SERVICE	\$1,800.00	1 EA.	\$1,800.00
MONITORING EQUIPMENT	\$2,600.00	1 PKG.	\$2,600.00
SANITATION & DISPOSAL	\$1,500.00	1 PKG.	\$1,500.00
FREIGHT & HANDLING			\$14,923.00
TAX @0.0%			\$0.00
TOTAL MATERIALS			\$314,883.77
EXCAVATING EQUIPMENT PER DAY	\$181.00	10 DAYS	\$1,810.00
EQUIPMENT RENTAL PER DAY	\$125.00	10 DAYS	\$1,250.00
FOREMAN'S TRUCK PER DAY	\$35.00	10 DAYS	\$350.00
GANG TRUCK PER DAY	\$63.00	10 DAYS	\$630.00
SUPERVISORS TRUCK PER DAY	\$35.00	10 DAYS	\$350.00
EQUIPMENT TOTAL			\$4,390.00
ENGINEERING	\$7,500.00	1	\$7,500.00
ENGINEERING TOTAL			\$7,500.00
CONSTRUCTION SUPERVISION	\$377.00	10 DAYS	\$3,770.00
LABOR ADDITIVE			\$2,100.00
SUPERVISION TOTAL			\$5,870.00
LABOR PER DAY	\$1,261.24		\$12,612.00
NUMBER OF DAYS	10		
LABOR ADDITIVE			\$11,245.00
TOTAL LABOR			\$23,857.00
GANG EXPENSES PER DAY	\$602.00		
NUMBER OF DAYS	10		
TOTAL GANG EXPENSES			\$6,020.00
SUB-TOTAL			\$362,520.77
CONTINGENCIES 0%			\$0.00
TOTAL			\$362,520.00

ESTIMATE - Exhibit A

**RAILROAD ENGINEERING PROJECT MANAGEMENT
NON-CONTRACT LABOR**

DATE: 3/12/2009

RR Code: IORY
Location: TREMONT, (CHAMPAIGN), OH
Crossing Name: Thackery Road (CR79)
AAR\DOT#: 258740V
RR Milepost: 183.78
RR Project #: TBD
Xorail Project #: VEM09-22894

TITLE	HOURS	RATE	LABOR ADDITIVE	AMOUNT
Director of Engineering	8	\$43.15	141.69%	\$834.31
Director Signal & Communications	8	\$45.67	141.69%	\$883.04
Project Engineer & Public Works	8	\$31.63	141.69%	\$611.57
Regional Chief Engineer	16	\$45.67	141.69%	\$1,766.08
Field Signal Supervisor	16	\$29.71	141.69%	\$1,148.90
Administrative/Accounting Personnel	4	\$26.92	141.69%	\$260.25
TOTAL RAILROAD ENGINEERING PROJECT MANAGEMENT				\$6,504.15

ESTIMATE - Exhibit D

CONTRACT ENGINEERING

DATE: 3/12/2009

RR Code: IORY
Location: TREMONT, (CHAMPAIGN), OH
Crossing Name: Thackery Road (CR79)
AAR\DOT#: 258740V
RR Milepost: 183.78
RR Project #: TBD
Xorail Project #: VEM09-22894

1. PRELIMINARY ENGINEERING - Pre-Construction Authorization

1A. DTR Site Meeting	\$0.00
1B. Preliminary Engineering (RR Site Survey)	\$0.00
1C. Project Management\Engineering - Pre-Construction Authorization	\$7,000.00

Preliminary Engineering Subtotal:	\$7,000.00
(Total of Items 1A thru 1C)	

2. DESIGN\CONSTRUCTION ENGINEERING - Post Construction Authorization

2A. Crossing Warning System Engineering (Signal)	\$7,500.00
2B. Crossing Surfacing Engineering	\$0.00
2C. Track Grade and Rehabilitation Engineering	\$0.00
2D. Crossing Validation\Certification	\$0.00
2E. Project Management\Engineering - Post Construction Authorization	\$6,000.00

Design\Construction Engineering Subtotal:	\$13,500.00
(Total of Items 2A thru 2E)	

Total Engineering Cost:	\$20,500.00
(Total of all Items 1 & 2)	

CONTRACT ENGINEERING CALCULATION	
PROJECT MANAGEMENT (Direct Contractor Cost - Items 1C & 2E)	\$13,000.00
CONTINGENCY ADDITIVE (Total Engineering Cost w/ 0.00% multiplier)	\$0.00
TOTAL CONTRACT ENGINEERING COST:	\$13,000.00

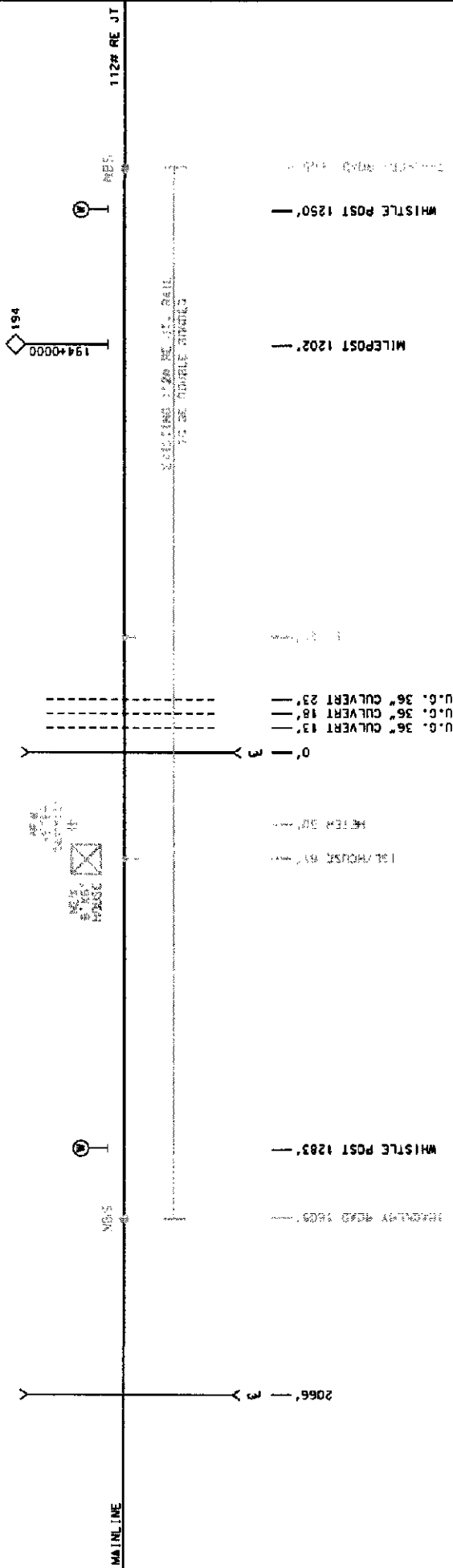
ESTIMATE - Exhibit E

RR NORTH TO FORD PARK

THACKERY ROAD N.
DOT# 262176H
(CONRAIL)
XB

CR 79
(THACKERY ROAD)
DOT# 258740V
M.P. 183.78 X8

RR SOUTH TO SPRINGFIELD-



Indiana & Ohio

INDIANA & OHIO RAILWAY
(LDR)

PROPOSED TRACK LAYOUT
CR79 (THACKERY ROAD)
RR MP. 183.78
TREMONT, (CHAMPAIGN), OHIO

TRANS: 000	JMK	183.78	1" = 20'
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7JF	YN MAP	DATE	03/11/09
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FILE NO	18378, DGN	DWG NO	258740V, H04
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REF ID: A6894

RR NORTH TO FORD PARK

RR SOUTH TO SPRINGFIELD

