

(NC)

FILE

**Public Utilities  
Commission of Ohio**

# Memo

**To:** Docketing Division  
**From:** George Martin, Grade Crossing Planner, Rail Division  
**Re:** In the matter of the authorization of the Youngstown & Austintown Railroad to install an active grade crossing warning device in Mahoning County  
**Date:** December 30, 2015

The Ohio Rail Development Commission (ORDC) has authorized funding for the Youngstown & Austintown Railroad (YARR) to install **mast-mounted flashing lights with one cantilevered set of flashing lights, and roadway gates** at Mahoning County, City of Youngstown, Belle Vista Ave, DOT# 262364X. The crossing was surveyed on October 22, 2014 due to its hazard ranking, and was found to warrant the upgrade.

The project will be paid for with federal funds, and is actual cost, with an approved cost of \$169,347.87. As the plan and estimate has been approved staff requests a Finding & Order with completion due in 9 months. Construction may commence at once. Staff requests that the following language be incorporated in the Entry:

**It is expected that all work necessary for FHWA acceptance of the warning devices will be completed by the in-service due date and that the railroad will be responsible for this work. This work includes, but is not limited to:**

**Any ancillary work to make the warning devices function as designed and visible to the roadway user, and MUTCD compliance, including minor roadway work if necessary.**

A suggested case coding and heading would be:

PUCO Case No. 15- **2150** -RR-FED In the matter of the authorization of the Youngstown & Austintown Railroad to install an active grade crossing warning device in Mahoning County, City of Youngstown

C: Legal Department

Please serve the following parties of record.

This is to certify that the images appearing are  
accurate and complete reproduction of a case file  
document delivered in the regular course of business.  
Technician                      Date Processed 12/30/15

RECEIVED-DOCKETING DIV  
2015 DEC 30 AM 8:42  
PUCO

Ms Cathy Stout  
Ohio Rail Development Commission  
1980 W Broad St, Mailstop # 3140  
Columbus, Oh 43223

Mr John Hilborn  
Vice President Engineering  
GWRR-Ohio Valley Region Railroads  
4349 Easton Way, Ste. 110  
Columbus, Oh 43219

Mr Kedar Bhide, PE  
Department of Public Works  
26 S Phelps St  
Youngstown, Oh 44503

Ohio Edison

**OHIO RAIL DEVELOPMENT COMMISSION  
INTER-OFFICE COMMUNICATION**

**TO:** George Martin, Rail Division, PUCO  
**FROM:** Cathy Stout, Manager, Safety Section, ORDC  
**BY:** James Tucker, Project Manager, ORDC  
**SUBJECT:** Mahoning County, Belle Vista Ave. DOT 262 364X  
Youngstown & Austin Railroad, PID# 99464  
**DATE:** December 28, 2015

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*BELLE VISTA AVE*

The Public Utilities Commission of Ohio (PUCO) established a diagnostic survey at the subject location on ~~Munroe Falls Rd.~~ The Ohio Rail Development Commission (ORDC) attended the review. The Diagnostic Team recommended the improvement of warning devices to flashing lights and roadway gates. Copies of the diagnostic review form and the plan and estimate are attached.

PE has already been provided by the railroad. ORDC approves the site plans and estimates as provided. Please issue a construction-only order for the project outlined above. This construction authorization is made with the stipulation and understanding that any field work needs prior approval before the work begins. This authorization is made with the stipulation and understanding that an approved estimate may contain entries for items or activities that may be cited and found to be ineligible for federal participation during the project audit.

It is expected that all work necessary for FHWA acceptance of the warning devices will be completed by the in-service due date and that the railroad will be responsible for this work. This work includes, but is not limited to:

- any ancillary work to make warning devices function as designed and visible to the roadway user, and
- MUTCD compliance – including minor roadway work if necessary.

Thank you for your assistance with these matters.

Attachment: Diagnostic Review  
Plan & Estimate

c: George Martin, PUCO  
ORDC Project Manager (file)



# OHIO RAIL DEVELOPMENT COMMISSION

Mail Stop #3140, 1980 West Broad Street, Columbus OH 43223

John R. Kasich, Governor • Mark Policinski, ORDC Chairman

December 28, 2015

Mr. John Hilborn  
Vice President Engineering  
GWRR- Ohio Valley Region Railroads  
4349 Easton Way, Suite 110  
Columbus, Ohio 43219

RE: Mahoning, Belle Vista Ave, DOT# 262 364X, PID# 99464,

Dear Mr. Hilborn:

The bid process for the referenced project has been reviewed and is acceptable. YARR may proceed with the construction of the proposed grade crossing warning system in accordance with the abbreviated plan. This authorization is made with the stipulation and understanding that the approved estimate may contain entries for items or activities that may be cited and found to be ineligible for federal participation during the project audit. Reimbursement of eligible actual cost is limited to \$169,347.87. Additional costs must be approved in writing by the Ohio Rail Development Commission (ORDC) prior to being incurred. Emergency verbal authorizations by ORDC may be permitted but must be confirmed in writing within ten (10) business days of the verbal approval.

This authorization is contingent upon YARR accepting the following instructions:

1. YARR's project foreman will furnish written notification five (5) working days prior to the date work will start at the project site to James Tucker, ORDC, email [james.tucker@dot.ohio.gov](mailto:james.tucker@dot.ohio.gov), and to the Public Utilities Commission of Ohio, email [George.martin@puc.state.oh.us](mailto:George.martin@puc.state.oh.us). YARR's project foreman will also notify the same of any stops and re-starts of the work activity and of the date work was completed for the project.
2. YARR will arrange for utilities to be located at the project site by the Ohio Utilities Protection Service (OUPS) prior to any construction activities at the site. Utilities that are not participating members of the service must be contacted directly by YARR.
3. YARR's project foremen will notify James Tucker at 614-398-6897 (telephone) or [james.tucker@dot.ohio.gov](mailto:james.tucker@dot.ohio.gov) (email) of any changes in the scope of work, cost overruns, material changes, etc. which are not included in the approved plan and estimate and secure approval of same before the work is performed.
4. Open cut of roadways is *not permitted* except in unusual circumstances and must be coordinated with the local highway authority and preapproved by ORDC.



[www.rail.ohio.gov](http://www.rail.ohio.gov)

phone: 614.644.0306

IMPROVING RAIL TODAY FOR TOMORROW'S ECONOMY

5. YARR will furnish two (2) copies of each partial bill to ORDC. Please find the enclosed Purchase Order to reference when billing.
6. YARR will furnish two (2) copies of the final all-inclusive bill to ORDC stating the exact dates of starting and completing work, the initial and final dates of construction and location where the accounts may be audited.
7. This installation will include any ancillary work to make the warning devices function as designed and meet MUTCD.

Thank you for your assistance with these matters.

Sincerely,

James Tucker  
Project Manager

Attachment: ODOT P.O.

C: Randall Schumacher, Supervisor, Rail Division, PUCO  
George Martin, Grade Crossing Planner, PUCO  
ORDC (file)



Force Account Estimate - Belle Vista Avenue

## YOUNGSTOWN & AUSTINTOWN RAILROAD, INC. (YARR)

Youngstown, OH (Mahoning County)

DOT#: 262364X

Railroad #

RR MP: 1.59

Central Subdivision

### SUMMARY

<b>CROSSING WARNING SYSTEM</b>	\$ 129,257.28
(Includes all labor, materials, shop wiring, and installation)	
<b>CROSSING SURFACE/RESURFACE</b>	\$ -
(Includes all labor, materials, shop wiring, and installation)	
<b>TRACK GRADE AND REHABILITATION</b>	\$ -
(Includes all labor, materials, and installation)	
<b>RAILROAD ENGINEERING</b>	\$ -
(Includes RAILROAD Labor for Reviewing Engineering Authorizations, Field Inspections and Administrative Labor)	
<b>PRELIMINARY ENGINEERING</b>	\$ 11,600.00
(Includes CONTRACT Labor for all Engineering, Agency Coordination, and Project Management)	
<b>CONSTRUCTION ENGINEERING</b>	\$ 14,600.00
(Includes CONTRACT Labor for all Engineering, Agency Coordination, and Project Management)	
<b>CONSTRUCTION ENGINEERING INSPECTION</b>	\$ 6,200.00
(Estimated Construction Engineering Inspection cost)	
<b>UTILITY CROSSING</b>	\$ -
(0 new utility crossings @ \$4000 per crossing, includes application, engineering review, and right of entry)	
<b>FLAGGING SERVICES</b>	\$ 5,000.00
(Estimated Flagging Services cost based on 5 days @ \$1000 per day)	
<b>AC POWER SERVICE</b>	\$ 4,034.72
(Includes all Coordination and Power Service Charges not included in other costs)	
<b>OTHER (Description Required)</b>	\$ -
<b>TOTAL ESTIMATE COST</b>	<b>\$ 170,692.00 (USD)</b>

Estimate Prepared By: J. Bolzenius, PE

Revised:

Approved By:

Date: 2/24/2015

Date:

#### NOTE:

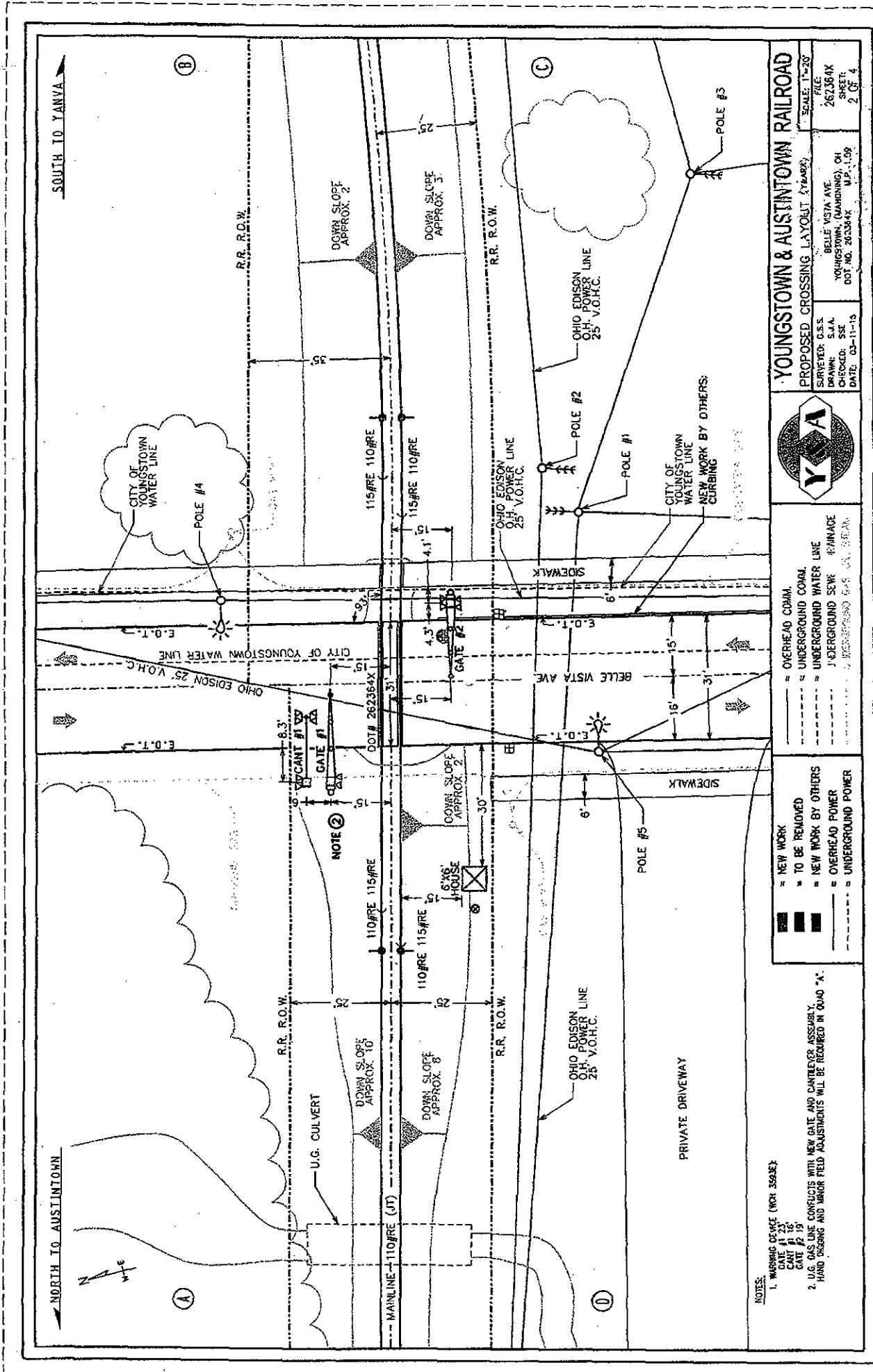
This Estimate has been prepared based on site conditions, anticipated work duration periods, material prices, labor rates, manpower, resource availability, and other factors known as of the date prepared. The actual cost for Railroad work may differ based upon the agency's requirements, their contractors work procedures, and/or other conditions that become apparent once construction commences or during the progress of the work. If any extended time elapses from the date of this Estimate, the Railroad will reserve the right to update the estimate to current price values, and require agency's approval before any work by Railroad will commence.

**SIGNAL VENDOR BID ANALYSIS DATE: 03/11/2015**

RR Code: YARR  
 Location: Youngstown (Mahoning) OH  
 Crossing Name: Belle Vista Ave  
 AAR\DOT#: 262364X  
 RR Milepost: 1.59  
 RR Project #: 15YARR01R  
 Preliminary Estimate: \$129,257.28

Lowest Bid Amount:	\$130,601.41
Lowest Bidder:	Progress Rail
Lowest By Amount:	\$6,352.59
Second Lowest Bid:	\$136,954.00
Second Lowest Bidder:	TCR

Vendor	Vendor Estimate	Variance Cost	Variance %	Duration	General	Notes	Quote By	Date	Phone	Email
Progress Rail	\$130,601.41	(\$1,344.13)	99.0%	6 Days	90 Days		Darrell McGuire	11/20/2015	904-437-8538	dmcguire@progressrail.com
TCR	\$136,954.00	(\$7,696.72)	94.4%	6 Days	30 Days		Patrick Ferry	11/23/2015	502-405-3004	pferry@tcrrailsystems.com
Railroad Signal Services	\$148,248.07	(\$18,990.79)	87.2%	6 Days	60 Days		Kyle Knudsen	11/23/2015	402-604-0716	kknudsen@rsignalservices.com



NOTES:  
 1. WARNING DEVICE (WCH 3542)  
 GATE #1 25'  
 GATE #2 19'  
 2. U.G. GAS LINE CONFLICTS WITH NEW GATE AND CANTILEVER ASSURBY.  
 HAND DIGGING AND MAJOR FIELD ADJUSTMENTS WILL BE REQUIRED IN QUAD "A".

- NEW WORK
- TO BE REMOVED
- NEW WORK BY OTHERS
- OVERHEAD POWER
- UNDERGROUND POWER

- OVERHEAD COMM.
- UNDERGROUND COMM.
- UNDERGROUND WATER LINE
- UNDERGROUND SEW. 4" MIN. DIA.



YOUNGSTOWN & AUSTINTOWN RAILROAD	
PROPOSED CROSSING LAYOUT (YEARS)	SCALE: 1"=20'
SURVEYED: C.S.S.	FILE: 262364X
DRAWN: S.J.A.	YOUNGSTOWN, (MAINTENANCE), OH
CHECKED: S.S.E.	DOT NO. 262364X
DATE: 03-11-15	MP: 1.09
SHEET: 2 OF 4	

APPROVED AS TO  
 5.00% CANTILEVER ONLY.  
 Thomas R. [Signature]



SCALE

EAS. 875  
START 565  
14.700

MS. NOW MS. GAUGE RCD 207  
MS. NOW MS. GAUGE RCD 215  
MS. NOW MS. GAUGE RCD 217

COMP. AT 46  
COMP. AT 50  
COMP. AT 52

BELLE WITH AVENUE 0

COMP. AT 46  
COMP. AT 50  
COMP. AT 52

OLYMPIA 140

START 565  
14.700  
MS. NOW MS. GAUGE RCD 689  
MS. NOW MS. GAUGE RCD 697  
MS. NOW MS. GAUGE RCD 697

011. BROOK HWY 270 EASTBOUND 818

EAS. 875

500

500

500

500

500

500

500

BELLE WITH AVENUE  
14.700

BELLE WITH AVENUE  
14.700

REPLACE NOW ISOLATED GAUGE RDS  
WITH ISOLATED GAUGE RDS

REPLACE NOW ISOLATED GAUGE RDS  
WITH ISOLATED GAUGE RDS

MADE 100% (7)

R 680 EASTBOUND R 680 WESTBOUND  
252.565 L  
252.565 T  
M.P. 1.74

BELLE WITH AVENUE  
14.700

SP-4 (STAND BY) 2X 12/12 R9  
HAS ROOM WORK  
21C SHORT ENLIGHTENMENT

DOUBLE 8000 APPROACH APPROXIMATELY 11.37

YOUNGSTOWN & AUSTINTOWN RAILROAD  
PROPOSED TRACK LAYOUT (YEARS)  
SCALE: NONE  
FILE  
262364X  
SHEET  
4 OF 4  
SURVEYED: G.S.S.  
DRAWN: S.J.A.  
CHECKED: S.S.E.  
DATE: 03-11-15  
BELLE WITH AVENUE  
YOUNGSTOWN (UNAPPROVED) OH  
DOT NO. 262364X M.P. 1.59



OVERHEAD COMM.  
UNDERGROUND COMM.  
UNDERGROUND WATER LINE  
UNDERGROUND SEWER  
UNDERGROUND POWER

NEW WORK  
TO BE REMOVED  
NEW WORK BY OTHERS  
OVERHEAD POWER  
UNDERGROUND POWER