

Memo

To: Docketing Division

From: Jill Henry, Rail Specialist, Rail Division

Cc: PUCO Legal Department

Date: 6/28/19

Re: PUCO Case No. 15-898-RR-STP- In the Matter of a Request for the Installation of Active Warning Devices at Wheeling & Lake Erie Railway Grade Crossing, DOT#002-078B, Smith Road in Medina County, Ohio

On May 8, 2015, Commission Staff (PUCO), the Ohio Rail Development Commission (ORDC), Wheeling & Lake Erie Railway Company (WE), and Medina County (LHA) entered into a stipulation agreement whereby active grade crossing warning devices would be installed at the following location:

| Street | DOT# | County | Project |
|------------|----------|---------------|------------------|
| Smith Road | 002-078B | Medina County | Lights and Gates |

On May 28, 2015, the Commission issued a Finding and Order approving the project and ordering completion by May 28, 2016. There were delays in completing the design for the project and in getting materials delivered to the site. Project extensions were granted extending the project deadline to July 26, 2016.

The crossing project has been completed and is in-service:

| Street | DOT# | County | Date of Completion |
|------------|----------|---------------|--------------------|
| Smith Road | 002-078B | Medina County | 7/24/2016 |

A copy of the final crossing inspection and the WE in-service notice is attached. Accordingly, the above case may be closed.

**Public Utilities Commission of Ohio
Transportation Department
Inspection & Investigation Division**

Highway Grade Crossing Warning System Installation Detail 1

Railroad = Wheeling and Lake Erie Railway Line = Akron
Location = Smith Road AAR# = 002078B M.P. = 138.51
City = Medina State = Oh County = Medina
Construction Start Date = 7/20/2016

Visible Warning Devices Detail

NW Quad

| | | | | | |
|-------------------|-------------------|-------------------|-------------------|------------------------|-------------------|
| # Flasher Mast | <u> </u> | # Gate Mast | <u>1</u> | # Cantilever | <u> </u> |
| # Crossbucks | <u>1</u> | Gate Arm Length | <u>18</u> | Cantilever Length | <u> </u> |
| # 2-Way Lights | <u>1</u> | # 1-Way lights | <u> </u> | # Bells | <u>1</u> |
| 2-Way Lights Size | <u>12</u> | 1-Way Lights Size | <u> </u> | # Multiple Track Signs | <u> </u> |

SE Quad

| | | | | | |
|-------------------|-------------------|-------------------|-------------------|------------------------|-------------------|
| # Flasher Mast | <u> </u> | # Gate Mast | <u>1</u> | # Cantilever | <u> </u> |
| # Crossbucks | <u>1</u> | Gate Arm Length | <u>19</u> | Cantilever Length | <u> </u> |
| # 2-Way Lights | <u>1</u> | # 1-Way lights | <u> </u> | # Bells | <u> </u> |
| 2-Way Lights Size | <u>12</u> | 1-Way Lights Size | <u> </u> | # Multiple Track Signs | <u> </u> |

Quad

| | | | | | |
|-------------------|-------------------|-------------------|-------------------|------------------------|-------------------|
| # Flasher Mast | <u> </u> | # Gate Mast | <u> </u> | # Cantilever | <u> </u> |
| # Crossbucks | <u> </u> | Gate Arm Length | <u> </u> | Cantilever Length | <u> </u> |
| # 2-Way Lights | <u> </u> | # 1-Way lights | <u> </u> | # Bells | <u> </u> |
| 2-Way Lights Size | <u> </u> | 1-Way Lights Size | <u> </u> | # Multiple Track Signs | <u> </u> |

Quad

| | | | | | |
|-------------------|-------------------|-------------------|-------------------|------------------------|-------------------|
| # Flasher Mast | <u> </u> | # Gate Mast | <u> </u> | # Cantilever | <u> </u> |
| # Crossbucks | <u> </u> | Gate Arm Length | <u> </u> | Cantilever Length | <u> </u> |
| # 2-Way Lights | <u> </u> | # 1-Way lights | <u> </u> | # Bells | <u> </u> |
| 2-Way Lights Size | <u> </u> | 1-Way Lights Size | <u> </u> | # Multiple Track Signs | <u> </u> |

**Public Utilities Commission of Ohio
Transportation Department
Inspection & Investigation Division**

Highway Grade Crossing Warning System Installation Detail 2

Railroad = Wheeling and Lake Erie Railway Line = Akron
Location = Smith Road AAR# = 002078B M.P. = 138.51
City = Medina State = Oh County = Medina
Construction Start Date = 7/20/2016

Underground Cable & Conduit Detail

Footage of 5c/#6 to: Signal 1 90 Signal 2 210 Signal 3 Signal 4
Footage of 7c/#14 to: Signal 1 90 Signal 2 210 Signal 3 Signal 4
Footage of 2c/#6 to: Track 1 300 Track 2 Track 3 Track 4
Footage of 7c/#14 to: Location 1 Location 2 Location 3 Location 4
Footage of 3c/#9 to: Power 1 75 Power 2 Power 3 Power 4
4" Conduit under Road = 60 Under tracks = 20 Under Other =

Control Equipment Detail

of Instrument Cases or Bungalows = 1 # of Battery Boxes.
of GCP Units = 1 Manufacturer = GE Model # = XP4
of PMD Units = Manufacturer = Model # =
of "C" Inverters = Manufacturer = Model # =
GCP Frequency. Unit 1 Unit 2 Unit 3 Unit 4
PMD Frequency. Unit 1 Unit 2 Unit 3 Unit 4
Approach Length. Track 1 1200 Track 2 Track 3 Track 4
Island Length. Track 1 171 Track 2 Track 3 Track 4
B12 Amp Hour = 340 XB12 Amp Hour = 250 MSB12 Amp Hour =

**Public Utilities Commission of Ohio
Transportation Department
Inspection & Investigation Division**

Highway Grade Crossing Warning System Installation Cut Over Test

Railroad = Wheeling and Lake Erie Railway Line = Akron
Location = Smith Road AAR# = 002078B M.P. = 138.51
City = Medina State = Oh County = Medina
Cut Over Test Date = 7/24/2016

Attendance Info

PUCO 1 Shawn Zurfley Railroad 1 Kevin Parsons
PUCO 2 _____ Railroad 2 _____
PUCO 3 _____ Railroad 3 _____

Inspection & Tests Made

Locks? YES Plans in case and correct? NO
Insulation Resistance Test made? YES Relay Test Made? NA
B12 Volts = 12 XB12 Volts = 13.4 MSB12 Volts = _____
Grounds Test made? YES Case and Bases Tagged? YES
Lamp Volts AC = 11 Lamp Volts DC = 11
Lights Focused? YES Flash Rate = 50 FPM @ Light
Gate Arm and lights proper? YES Gate Arm Movement proper? YES
Bells Operate? YES Traffic Pre-emption operates properly? NA
MS / GCP Island Shunt with no time out? YES AC/DC Island Shunted? _____
MS / GCP Approach Shunt with time out? YES AC/DC Approach Shunted? _____
Tested under train moves this date? NO Warning Time observed or set = 36

**Public Utilities Commission of Ohio
Transportation Department
Inspection & Investigation Division**

Highway Grade Crossing Warning System Installation Outline

Railroad = Wheeling and Lake Erie Railway Line = Akron
Location = Smith Road AAR# = 002078B M.P. = 138.51
City = Medina State = Oh County = Medina
Construction Start Date = 7/20/2016 Cut Over Test Date = 7/24/2016

Visible Warning Devices Outline

| | | | | | |
|------------------------|----------|-------------------------|----------|------------------|----------|
| # Gate masts. | <u>2</u> | # Cantilever Masts. | <u>0</u> | # Flasher Masts. | <u>0</u> |
| # 2 - Way light units. | <u>2</u> | # 1 - Way Light units. | <u>0</u> | | |
| # Crossbucks. | <u>2</u> | # Multiple Track Signs. | <u>0</u> | # Bells. | <u>1</u> |

Underground Cable & Conduit Outline

| | | | |
|------------|-------------------------------|------------|-----------------------------------|
| <u>300</u> | Ft. 5c/#6 Gate/Flasher Cable. | <u>300</u> | Ft. 7c/#14 Control/Flasher Cable. |
| <u>300</u> | Ft. 2c/#6 Track Cable. | <u>0</u> | Ft. 7c/#14 Express Cable. |
| <u>75</u> | Ft. 3c/#9 Power Cable. | | |
| <u>80</u> | Ft. 4" Conduit. | | |

Control Equipment Outline

| | | | |
|--------------------------------------|----------|----------------------|------------|
| # of Instrument Cases or Bungalows = | <u>1</u> | # of Battery Boxes = | <u>0</u> |
| # of GCP Units = | <u>1</u> | Manufacturer = | <u>GE</u> |
| # of PMD Units = | <u>0</u> | Model # = | <u>XP4</u> |
| # of "C" Inverters = | <u>0</u> | Manufacturer = | <u>0</u> |
| | | Model # = | <u>0</u> |

| | | | | | | | | |
|------------------|---------|-------------|---------|----------|---------|----------|---------|----------|
| GCP Frequency. | Unit 1 | <u>0</u> | Unit 2 | <u>0</u> | Unit 3 | <u>0</u> | Unit 4 | <u>0</u> |
| PMD Frequency. | Unit 1 | <u>0</u> | Unit 2 | <u>0</u> | Unit 3 | <u>0</u> | Unit 4 | <u>0</u> |
| Approach Length. | Track 1 | <u>1200</u> | Track 2 | <u>0</u> | Track 3 | <u>0</u> | Track 4 | <u>0</u> |
| Island Length. | Track 1 | <u>171</u> | Track 2 | <u>0</u> | Track 3 | <u>0</u> | Track 4 | <u>0</u> |

B12 Amp Hour = 340 GB12 Amp Hour = 250 MSB12 Amp Hour = 0

The above described apparatus was observed to be installed in accordance with State, Federal, and MUTCD standards and regulations. (Except those defects noted on FRA Report)

The above described location was observed to operate as designed in accordance with FRA standards and regulations. (Except those defects noted on FRA Report 14)

Name Shawn A. Zurfley

Title PUCO/FRA Inspector
Date January 6, 2017

Henry, Jill

From: Tim Andrews <tandrews@wlerwy.com>
Sent: Tuesday, September 06, 2016 12:27 PM
To: Henry, Jill
Subject: FW: Crossings In service

See the message below for the Smith Rd. in service date.
Thanks,

Tim

From: Tim Andrews [mailto:tandrews@wlerwy.com]
Sent: Thursday, July 28, 2016 6:36 AM
To: george.martin@puco.ohio.gov; jill.henry@puco.ohio.gov; James.Tucker@dot.ohio.gov; Joe.Reinhardt@dot.ohio.gov
Subject: Crossings In service

The crossing at Smith Rd. was placed into service 7-24-2016.
The crossing at Munroe Falls Ave. was placed into service 7-25-2016.

Please let me know if you have any questions.
Thanks,

Tim Andrews
Wheeling & Lake Erie Railway
Signal & Communication Supervisor
330-767-7255 (office)
330-417-5541 (cell)
tandrews@wlerwy.com

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in

Case No(s). 15-0898-RR-STP

Summary: Memo Closing Case In the Matter of a Request for the Installation of Active Warning Devices at Wheeling & Lake Erie Railway Grade Crossing, DOT#002-078B, Smith Road in Medina County, Ohio electronically filed by Mrs. Jill A Henry on behalf of PUCO/Rail Division