

Memo

To: Docketing Division
From: Jill Henry, Rail Specialist, Rail Division
Cc: PUCO Legal Department
Date: 5/23/2019
Re: PUCO Case No. 16-540-RR-STP- In the Matter of a Request for the Installation of Active Warning Devices at The Columbus & Ohio River Rail Road Company Grade Crossing, DOT#152-045B, Church Street in Utica, Ohio.

On March 1, 2016, Commission Staff (PUCO), the Ohio Rail Development Commission (ORDC), The Columbus & Ohio River Rail Road Company (CUOH), and the Village of Utica (LHA) entered into an agreement whereby active grade crossing warning devices would be installed at the following location:

Street	DOT#	County	Project
Church Street	152-045B	Licking County	Lights and Gates

On April 14, 2016, the Commission issued a Finding and Order approving the project, requiring plans and estimates by July 14, 2016, and ordering project completion by April 14, 2017.

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

Street	DOT#	County	Date of Completion
Church Street	152-045B	Licking County	07/15/2017

A copy of the final crossing inspection 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 = Columbus and Ohio River Line = Mt Vernon
Location = Church St AAR# = 152048B M.P. = 13.24
City = Utica State = Ohio County = Licking
Construction Start Date = 6/21/2017

Visible Warning Devices Detail

NE 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>1</u>
2-Way Lights Size	<u>12</u>	1-Way Lights Size	<u> </u>	# Multiple Track Signs	<u> </u>

SW 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>1</u>	# Bells	<u>1</u>
2-Way Lights Size	<u>12</u>	1-Way Lights Size	<u>12</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 = Columbus and Ohio River Line = Mt Vernon
Location = Church St AAR# = 152048B M.P. = 13.24
City = Utica State = Ohio County = Licking
Construction Start Date = 6/21/2017

Underground Cable & Conduit Detail

Footage of 5c/#6 to: Signal 1 67 Signal 2 116 Signal 3 Signal 4
Footage of 7c/#14 to: Signal 1 67 Signal 2 116 Signal 3 Signal 4
Footage of 2c/#6 to: Track 1 203 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 27 Power 2 Power 3 Power 4
4" Conduit under Road = 40 Under tracks = 20 Under Other =

Control Equipment Detail

of Instrument Cases or Bungalows = 1 # of Battery Boxes.
of GCP Units = 1 Manufacturer = Alstrom Model # = PMD4
of PMD Units = Manufacturer = Model # =
of "C" Inverters = Manufacturer = Model # =
GCP Frequency. Unit 1 525 Unit 2 Unit 3 Unit 4
PMD Frequency. Unit 1 Unit 2 Unit 3 Unit 4
Approach Length. Track 1 546 Track 2 Track 3 Track 4
Island Length. Track 1 120 Track 2 Track 3 Track 4
EB12 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 = Columbus and Ohio River Line = Mt Vernon
Location = Church St AAR# = 152048B M.P. = 13.24
City = Utica State = Ohio County = Licking
Cut Over Test Date = 7/15/2017

Attendance Info

PUCO 1 Shawn Zurfley Railroad 1 John Davis
PUCO 2 _____ Railroad 2 Gene Hensley
PUCO 3 _____ Railroad 3 _____

Inspection & Tests Made

Locks? Yes Plans in case and correct? Yes
Insulation Resistance Test made? YES Relay Test Made? NA
EB12 Volts = 11.6 XB12 Volts = 12.9 MSB12 Volts = _____
Grounds Test made? yes Case and Bases Tagged? yes
Lamp Volts AC = 12.2 Lamp Volts DC = 12.2
Lights Focused? Yes Flash Rate = 54 FPM @ Light
Gate Arm and lights proper? Yes Gate Arm Movement proper? yes
Bells Operate? _____ Traffic Pre-emption operates properly? _____
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 = 30

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

Highway Grade Crossing Warning System Installation Outline

Railroad = Columbus and Ohio River Line = Mt Vernon
Location = Church St AAR# = 152048B M.P. = 13.24
City = Utica State = Ohio County = Licking
Construction Start Date = 6/21/2017 Cut Over Test Date = 7/15/2017

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>1</u>		
# Crossbucks.	<u>2</u>	# Multiple Track Signs.	<u>0</u>	# Bells.	<u>2</u>

Underground Cable & Conduit Outline

<u>183</u>	Ft. 5c/#6 Gate/Flasher Cable.	<u>183</u>	Ft. 7c/#14 Control/Flasher Cable.
<u>203</u>	Ft. 2c/#6 Track Cable.	<u>0</u>	Ft. 7c/#14 Express Cable.
<u>27</u>	Ft. 3c/#9 Power Cable.		
<u>60</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>Alstrom</u>
# of PMD Units =	<u>0</u>	Model # =	<u>PMD4</u>
# of "C" Inverters =	<u>0</u>	Manufacturer =	<u>0</u>
		Model # =	<u>0</u>

GCP Frequency.	Unit 1	<u>525</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>546</u>	Track 2	<u>0</u>	Track 3	<u>0</u>	Track 4	<u>0</u>
Island Length.	Track 1	<u>120</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, if any, noted on FRA Report)

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

Name Shawn A. Zurfley

Title PUCO/FRA Inspector
Date December 5, 2017

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

5/23/2019 12:20:34 PM

in

Case No(s). 16-0540-RR-STP

Summary: Memo Closing Case In the Matter of a Request for the Installation of Active Warning Devices at The Columbus & Ohio River Rail Road Company Grade Crossing, DOT#152-045B, Church Street in Utica, Ohio. electronically filed by Mrs. Jill A Henry on behalf of PUCO/Rail Division