

Memo

RECEIVED-DOCKETING DIV.
2015 SEP -3 PM 12:13
PUCO**To:** Docketing Division**From:** Jill Henry, Rail Specialist, Rail Division**Cc:** PUCO Legal Department**Date:** 9/3/15**Re:** PUCO Case No. 14-275-RR-STP- In the matter of a request for Wheeling & Lake Erie Railroad to install active grade crossing warning devices at Guilford Blvd. (DOT#002-090H), in Medina County, Ohio.

On February 20, 2014, Commission Staff (PUCO), Wheeling & Lake Erie Railroad (WE), and the City of Medina (LHA) entered into an agreement (attached) whereby active grade crossing warning devices would be installed in the City of Medina, at Guilford Boulevard (DOT#002-090H).

On March 12, 2014, the Commission issued a Finding and Order approving the project, requiring plans and estimates by June 10, 2014, and ordering project completion by March 12, 2015.

On June 4, 2014, WE filed with the Rail Division plans and estimates for the project. Construction Authorization was granted on August 14, 2014.

On February 20, 2015, WE filed a 90-day extension request. In the request they stated that they are still waiting for the contractor to deliver the material container and that the contractor is currently scheduled to begin construction the first week of April.

The crossing project has been completed as follows:

	Street	DOT#	County	Date of Completion
1)	Guilford Blvd.	(002-090H)	Medina County	6/4/15

On the basis of the attached final report for the grade crossing project, Staff has determined that the project has been put-in-service. 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 = _____
Location = Guilford Blvd AAR# = 002090H M.P. = 141
City = Medina State = Ohio County = Medina
Construction Start Date = 5/27/2015

Visible Warning Devices Detail

NW Quad

# Flasher Mast	_____	# Gate Mast	<u>1</u>	# Cantilever	_____
# Crossbucks	<u>1</u>	Gate Arm Length	<u>15</u>	Cantilever Length	_____
# 2-Way Lights	<u>1</u>	# 1-Way lights	_____	# Bells	<u>1</u>
2-Way Lights Size	<u>12</u>	1-Way Lights Size	_____	# Multiple Track Signs	_____

SE Quad

# Flasher Mast	_____	# Gate Mast	<u>1</u>	# Cantilever	_____
# Crossbucks	<u>1</u>	Gate Arm Length	<u>15</u>	Cantilever Length	_____
# 2-Way Lights	<u>1</u>	# 1-Way lights	<u>1</u>	# Bells	_____
2-Way Lights Size	<u>12</u>	1-Way Lights Size	<u>12</u>	# Multiple Track Signs	_____

_____ Quad

# Flasher Mast	_____	# Gate Mast	_____	# Cantilever	_____
# Crossbucks	_____	Gate Arm Length	_____	Cantilever Length	_____
# 2-Way Lights	_____	# 1-Way lights	_____	# Bells	_____
2-Way Lights Size	_____	1-Way Lights Size	_____	# Multiple Track Signs	_____

_____ Quad

# Flasher Mast	_____	# Gate Mast	_____	# Cantilever	_____
# Crossbucks	_____	Gate Arm Length	_____	Cantilever Length	_____
# 2-Way Lights	_____	# 1-Way lights	_____	# Bells	_____
2-Way Lights Size	_____	1-Way Lights Size	_____	# Multiple Track Signs	_____

**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 = 0
Location = Guilford Blvd AAR# = 002090H M.P. = 141
City = Medina State = Ohio County = Medina
Construction Start Date = 5/27/2015

Underground Cable & Conduit Detail

Footage of 5c/#6 to: Signal 1 130 Signal 2 150 Signal 3 _____ Signal 4 _____
Footage of 7c/#14 to: Signal 1 130 Signal 2 150 Signal 3 _____ Signal 4 _____
Footage of 2c/#6 to: Track 1 280 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 50 Power 2 _____ Power 3 _____ Power 4 _____
4" Conduit under Road = 60 Under tracks = 40 Under Other = _____

Control Equipment Detail

of Instrument Cases or Bungalows = 1 # of Battery Boxes. _____
of GCP Units = 1 Manufacturer = Harmon Model # = HXP3R
of PMD Units = _____ Manufacturer = _____ Model # = _____
of "C" Inverters = _____ Manufacturer = _____ Model # = _____
GCP Frequency. Unit 1 430 Unit 2 _____ Unit 3 _____ Unit 4 _____
PMD Frequency. Unit 1 _____ Unit 2 _____ Unit 3 _____ Unit 4 _____
Approach Length. Track 1 2000 Track 2 _____ Track 3 _____ Track 4 _____
Island Length. Track 1 132 Track 2 _____ Track 3 _____ Track 4 _____
MB12 Amp Hour = 250 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 = 0
Location = Guilford Blvd AAR# = 002090H M.P. = 141
City = Medina State = Ohio County = Medina
Cut Over Test Date = 6/4/2015

Attendance Info

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

Inspection & Tests Made

Locks? Yes Plans in case and correct? Yes
Insulation Resistance Test made? Yes Relay Test Made? NA
MB12 Volts = 11.9 XB12 Volts = 13.16 MSB12 Volts = _____
Grounds Test made? yes Case and Bases Tagged? yes
Lamp Volts AC = 10 Lamp Volts DC = 10
Lights Focused? yes Flash Rate = 51 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? _____ AC/DC Island Shunted? yes
MS / GCP Approach Shunt with time out? _____ AC/DC Approach Shunted? _____
Tested under train moves this date? NO Warning Time observed or set = 25

Public Utilities Commission of Ohio
Transportation Department
Inspection & Investigation Division

Highway Grade Crossing Warning System Installation Outline

Railroad = Wheeling and Lake Erie Railway Line = 0
Location = Guilford Blvd AAR# = 20904 M.P. = 141
City = Medina State = Ohio County = Medina
Construction Start Date = 5/27/2015 Cut Over Test Date = 6/4/2015

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>1</u>

Underground Cable & Conduit Outline

<u>280</u>	Ft. 5c/#6 Gate/Flasher Cable.	<u>280</u>	Ft. 7c/#14 Control/Flasher Cable.
<u>280</u>	Ft. 2c/#6 Track Cable.	<u>0</u>	Ft. 7c/#14 Express Cable.
<u>50</u>	Ft. 3c/#9 Power Cable.		
<u>100</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>Harmon</u>		
# of PMD Units =	<u>0</u>	Model # =	<u>HXP3R</u>		
# of "C" Inverters =	<u>0</u>	Manufacturer =	<u>0</u>		
		Model # =	<u>0</u>		
		Model # =	<u>0</u>		
GCP Frequency.	Unit 1 <u>430</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>2000</u>	Track 2 <u>0</u>	Track 3 <u>0</u>	Track 4 <u>0</u>	
Island Length.	Track 1 <u>132</u>	Track 2 <u>0</u>	Track 3 <u>0</u>	Track 4 <u>0</u>	
B12 Amp Hour =	<u>250</u>	GB12 Amp Hour =	<u>250</u>	MSB12 Amp Hour =	<u>0</u>

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 56)

Name Shawn A. Zurfley

Title PUCO/FRA Inspector
Date August 4, 2015