

# Memo

To: Docketing Division  
From: Jill Henry, Rail Specialist, Rail Division  
Cc: PUCO Legal Department  
Date: 8/7/17  
Re: PUCO Case No.- 13-301-RR-STP - In the Matter of a Request to Install Active Grade Crossing Warning Devices at Griggs Street, in the Village of Ashville, Pickaway County.

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Commission Staff (PUCO), the Ohio Rail Development Commission (ORDC), Norfolk Southern Railway (NS), and the Village of Ashville (LHA) entered into a stipulation agreement whereby active grade crossing warning devices would be installed at Griggs Street (DOT#481-432A).

On February 13, 2013, the Commission issued a Finding and Order approving the project.

The crossing project has been completed as follows:

Street	DOT#	County	Date of Completion
Griggs Street	(481-432A)	Pickaway County	9/24/15

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 = NORFOLK SOUTHERN Line = LAKE  
Location = GRIGGS/STATION STREET AAR# = 481432A M.P. = 684.47  
City = ASHVILLE State = OHIO County = PICKAWAY  
Construction Start Date = 9/1/2015

Visible Warning Devices Detail

SW Quad

# Flasher Mast	<u>                    </u>	# Gate Mast	<u>1</u>	# Cantilever	<u>                    </u>
# Crossbucks	<u>1</u>	Gate Arm Length	<u>21</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>1</u>

NE Quad

# Flasher Mast	<u>                    </u>	# Gate Mast	<u>1</u>	# Cantilever	<u>                    </u>
# Crossbucks	<u>1</u>	Gate Arm Length	<u>21</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>1</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 = NORFOLK SOUTHERN Line = LAKE  
Location = GRIGGS/STATION STREET AAR# = 481432A M.P. = 684.47  
City = ASHVILLE State = OHIO County = PICKAWAY  
Construction Start Date = 9/1/2015

**Underground Cable & Conduit Detail**

Footage of 5c/#6 to: Signal 1 100 Signal 2 120 Signal 3          Signal 4           
Footage of 7c/#14 to: Signal 1 100 Signal 2 120 Signal 3          Signal 4           
Footage of 2c/#6 to: Track 1 325 Track 2 325 Track 3 325 Track 4           
Footage of 7c/#14 to: Location 1          Location 2          Location 3          Location 4           
Footage of 3c/#9 to: Power 1 30 Power 2          Power 3          Power 4           
4" Conduit under Road = 60 Under tracks = 80 Under Other =         

**Control Equipment Detail**

# of Instrument Cases or Bungalows = 1 # of Battery Boxes.           
# of GCP Units = 1 Manufacturer = SAFETTRAN Model # = 4000  
# of PMD Units =          Manufacturer =          Model # =           
# of "C" Inverters = 1 Manufacturer = GE Model # = TD4  
GCP Frequency. Unit 1 211 Unit 2          Unit 3          Unit 4           
PMD Frequency. Unit 1          Unit 2          Unit 3          Unit 4           
Approach Length. Track 1 3087 Track 2 3087 Track 3          Track 4           
Island Length. Track 1 125 Track 2 125 Track 3 225 Track 4           
B16 Amp Hour = 340 B12 Amp Hour = 340 MSB12 Amp Hour =

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

**Highway Grade Crossing Warning System Installation Cut Over Test**

Railroad = NORFOLK SOUTHERN Line = LAKE  
Location = GRIGGS/STATION STREET AAR# = 481432A M.P. = 684.47  
City = ASHVILLE State = OHIO County = PICKAWAY  
Cut Over Test Date = 9/24/2015

**Attendance Info**

PUCO 1 SHAWN ZURFLEY Railroad 1 MIKE BRAHLER  
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? YES  
B16 Volts = 15.7 B12 Volts = 12.4 MSB12 Volts = \_\_\_\_\_  
Grounds Test made? YES Case and Bases Tagged? YES  
Lamp Volts AC = 7.2 Lamp Volts DC = 7  
Lights Focused? YES Flash Rate = 52 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? YES  
MS / GCP Approach Shunt with time out? YES AC/DC Approach Shunted? NA  
Tested under train moves this date? YES Warning Time observed or set = 35

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

**Highway Grade Crossing Warning System Installation Outline**

Railroad = NORFOLK SOUTHERN Line = LAKE  
Location = GRIGGS/STATION STREET AAR# = 481432A M.P. = 684.47  
City = ASHVILLE State = OHIO County = PICKAWAY  
Construction Start Date = 9/1/2015 Cut Over Test Date = 9/24/2015

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

**Underground Cable & Conduit Outline**

<u>220</u>	Ft. 5c/#6 Gate/Flasher Cable.	<u>220</u>	Ft. 7c/#14 Control/Flasher Cable.
<u>975</u>	Ft. 2c/#6 Track Cable.	<u>0</u>	Ft. 7c/#14 Express Cable.
<u>30</u>	Ft. 3c/#9 Power Cable.		
<u>140</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>SAFETTRAN</u>
# of PMD Units =	<u>0</u>	Model # =	<u>4000</u>
# of "C" Inverters =	<u>1</u>	Manufacturer =	<u>0</u>
		Model # =	<u>0</u>
		Manufacturer =	<u>GE</u>
		Model # =	<u>TD4</u>

GCP Frequency.	Unit 1	<u>211</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>3087</u>	Track 2	<u>3087</u>	Track 3	<u>0</u>	Track 4	<u>0</u>
Island Length.	Track 1	<u>125</u>	Track 2	<u>125</u>	Track 3	<u>225</u>	Track 4	<u>0</u>

B12 Amp Hour = 340 GB12 Amp Hour = 340 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 March 6, 2016

**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

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**in**

**Case No(s). 13-0301-RR-STP**

Summary: Memo Closing Case In the Matter of a Request to Install Active Grade Crossing Warning Devices at Griggs Street, in the Village of Ashville, Pickaway County. electronically filed by Mrs. Jill A Henry on behalf of PUCO/Rail Division