

FILE

10-1136-RR-STP

9

**Public Utilities
Commission of Ohio**

Memo

To: Docketing Division
From: Jill Henry, Rail Specialist, Rail Division *JH*
Cc: PUCO Legal Department
Date: 5/19/2011

RECEIVED-DOCKETING DIV.
2011 MAY 19 AM 9:11
PUCO

Re: PUCO Case No. 10-1136-RR-STP- In the matter of a request for RJ Corman Railroad Company to install active grade crossing warning devices in Tuscarawas County, Village of Strasburg, at 1st Street E (DOT#142-585U) and 4th Street SE (DOT#142-586B).

On June 16, 2010, Commission Staff, The Ohio Rail Development Commission (ORDC), RJ Corman Railroad Company (RJC), and the Village of Strasburg, Tuscarawas County, Ohio entered into an agreement whereby active grade crossing warning devices would be installed in Tuscarawas County, Village of Strasburg, at 1st Street E (DOT#142-585U) and 4th Street SE (DOT#142-586B).

On August 13, 2010, The Ohio Rail Development Commission authorized funding for the projects.

On September 1, 2010, the Commission issued a Finding and Order approving the projects and requiring completion of the projects by September 1, 2011.

The crossing projects have been completed as follows:

	Street	DOT#	County	Date of Completion
1)	1 st Street E	(142-585U)	Tuscarawas County	5/8/2011
2)	4 th Street SE	(142-586B)	Tuscarawas County	5/8/2011

On the basis of the attached final reports for all the grade crossing projects, staff has determined that the above projects have been put-in-service. Accordingly, the above case may be closed.

This is to certify that the images appearing are an accurate and complete reproduction of a case file document delivered in the regular course of business.
technician *SM* Date Processed MAY 19 2011

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

Highway Grade Crossing Warning System Installation Detail 1

Railroad = RJ Corman Line = 16
 Location = 1st Street AAR# = 142585U M.P. = 79.1
 City = Strasburg State = Ohio County = Tuscarawas
 Construction Start Date = 5/2/2011

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> 21 </u>	Cantilever Length	<u> </u>
# 2-Way Lights	<u> 2 </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> 21 </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 = RJ Corman Line = 16
 Location = 1st Street AAR# = 142585U M.P. = 79.1
 City = Strasburg State = Ohio County = Tuscarawas
 Construction Start Date = 5/2/2011

Underground Cable & Conduit Detail

Footage of 5c/#6 to: Signal 1 66 Signal 2 125 Signal 3 _____ Signal 4 _____
 Footage of 7c/#14 to: Signal 1 66 Signal 2 125 Signal 3 _____ Signal 4 _____
 Footage of 2c/#6 to: Track 1 225 Track 2 _____ Track 3 _____ Track 4 _____
 Footage of 3c/#9 to: Signal 1 66 Signal 2 125 Location 3 _____ Location 4 _____
 Footage of 3c/#9 to: Power 1 40 Power 2 _____ Power 3 _____ Power 4 _____
 4" Conduit under Road = 70 Under tracks = 20 Under Other = _____

Control Equipment Detail

of Instrument Cases or Bungalows = 1 # of Battery Boxes. 0
 # of GCP Units = _____ Manufacturer = _____ Model # = _____
 # of PMD Units = 1 Manufacturer = Harmon Model # = HXP PMD 3R
 # of "C" Inverters = _____ Manufacturer = _____ Model # = _____
 GCP Frequency. Unit 1 _____ Unit 2 _____ Unit 3 _____ Unit 4 _____
 PMD Frequency. Unit 1 392 Unit 2 _____ Unit 3 _____ Unit 4 _____
 Approach Length. Track 1 1247 Track 2 _____ Track 3 _____ Track 4 _____
 Island Length. Track 1 120 Track 2 _____ Track 3 _____ Track 4 _____
 MB12 Amp Hour = 312 XB12 Amp Hour = 264 MSB12 Amp Hour = _____

Public Utilities Commission of Ohio
Transportation Department
Inspection & Investigation Division

Highway Grade Crossing Warning System Installation Cut Over Test

Railroad = RJ Corman Line = 16
Location = 1st Street AAR# = 142585U M.P. = 79.1
City = Strasburg State = Ohio County = Tuscarawas
Cut Over Test Date = 5/8/2011

Attendance Info

PUCO 1 Shawn Zurfley Railroad 1 Jim Boles
PUCO 2 Jill Henry 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
XB12 Volts = 15.75 MB12 Volts = 13.7 MSB12 Volts = _____
Grounds Test made? Yes Case and Bases Tagged? Yes
Lamp Volts AC = 10 Lamp Volts DC = 10
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? _____
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 = RJ Corman Line = 16
 Location = 1st Street AAR# = 142585U M.P. = 79.1
 City = Strasburg State = Ohio County = Tuscarawas
 Construction Start Date = 5/2/2011 Cut Over Test Date = 5/8/2011

Visible Warning Devices Outline

# Gate masts. <u>2</u>	# Cantilever Masts. <u>0</u>	# Flasher Masts. <u>0</u>
# 2 - Way light units. <u>3</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>191</u> Ft. 5c/#6 Gate/Flasher Cable.	<u>191</u> Ft. 7c/#14 Control/Flasher Cable.
<u>225</u> Ft. 2c/#6 Track Cable.	<u>191</u> Ft. 7c/#14 Express Cable.
<u>40</u> Ft. 3c/#9 Power Cable.	
<u>90</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>0</u> Manufacturer = <u>0</u>	Model # = <u>0</u>
# of PMD Units = <u>1</u> Manufacturer = <u>Harmon</u>	Model # = <u>HXP PMD 3R</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>392</u>	Unit 2 <u>0</u>	Unit 3 <u>0</u>	Unit 4 <u>0</u>
Approach Length.	Track 1 <u>1247</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 = <u>312</u>	GB12 Amp Hour = <u>264</u>	MSB12 Amp Hour = <u>0</u>
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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)

Name Shawn A. Zurfley
 Title PUCO/FRA Inspector
 Date May 16, 2011

Public Utilities Commission of Ohio
Transportation Department
Inspection & Investigation Division

Highway Grade Crossing Warning System Installation Cut Over Test

Railroad = RJ Corman Line = 16
Location = 4th Street AAR# = 142586B M.P. = 78.9
City = Strasburg State = Ohio County = Tuscarawas
Cut Over Test Date = 5/8/2011

Attendance Info

PUCO 1 Shawn Zurfley Railroad 1 Jim Boles
PUCO 2 Jill Henry 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
XB12 Volts = 15.75 MB12 Volts = 15.6 MSB12 Volts = _____
Grounds Test made? Yes Case and Bases Tagged? Yes
Lamp Volts AC = 10 Lamp Volts DC = 10
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? _____
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 = RJ Corman Line = 16
 Location = 4th Street AAR# = 142586B M.P. = 78.9
 City = Strasburg State = Ohio County = Tuscarawas
 Construction Start Date = 5/2/2011 Cut Over Test Date = 5/8/2011

Visible Warning Devices Outline

# Gate masts. <u>2</u>	# Cantilever Masts. <u>0</u>	# Flasher Masts. <u>0</u>
# 2 - Way light units. <u>1</u>	# 1 - Way Light units. <u>3</u>	
# Crossbucks. <u>2</u>	# Multiple Track Signs. <u>0</u>	# Bells. <u>2</u>

Underground Cable & Conduit Outline

<u>150</u> Ft. 5c/#6 Gate/Flasher Cable.	<u>150</u> Ft. 7c/#14 Control/Flasher Cable.
<u>200</u> Ft. 2c/#6 Track Cable.	<u>150</u> Ft. 7c/#14 Express Cable.
<u>70</u> Ft. 3c/#9 Power Cable.	
<u>50</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>0</u> Manufacturer = <u>0</u>	Model # = <u>0</u>
# of PMD Units = <u>1</u> Manufacturer = <u>Harmon</u>	Model # = <u>IXP PMD 3R</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>392</u> Unit 2 <u>0</u> Unit 3 <u>0</u> Unit 4 <u>0</u>	
Approach Length. Track 1 <u>1247</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 = <u>312</u> GB12 Amp Hour = <u>264</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)

Name Shawn A. Zurfley
 Title PUCO/FRA Inspector
 Date May 16, 2011