

FILE

Public Utilities Commission of
Ohio

Memo

To: Docketing Division

From: Bonnie J Johrendt, Grade Crossing Planner

Date: May 13, 2008

RE: PUCO Case 07-282-RR-STP

RECEIVED-DOCKETING DIV
2008 MAY 13 AM 8:32
PUCO

Please docket the attached final inspection report for the above-mentioned case. As noted in Inspector Reustle's report, the warning device upgrade project was placed in-service in accordance with existing standards.

On the basis of this final report for the subject case number, Legal may close this case.



: File

Public Utilities Commission of Ohio
Transportation Department
Inspection & Investigation Division

Highway Grade Crossing Warning System Installation Detail 1

Railroad = CSX Transportation Line = Great Lakes / Mt. Victory Sub
Location = Hale Street AAR# = 513785E M.P. = QT 81.54
City = Ridgeway State = Ohio County = Hardin
Construction Start Date = See Daily notes

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>17</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>

SW Quad

# Flasher Mast	<u> </u>	# Gate Mast	<u>1</u>	# Cantilever	<u> </u>
# Crossbucks	<u>1</u>	Gate Arm Length	<u>17</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>

Inspection & Investigation Division

Highway Grade Crossing Warning System Installation Detail 2

Railroad = CSX Transportation Line = Great Lakes / Mt. Victory Sub
Location = Hale Street AAR# = 513785E M.P. = QT 81.54
City = Ridgeway State = Ohio County = Hardin
Construction Start Date = See Daily notes

Underground Cable & Conduit Detail

Footage of 19c/Multi to Signal 1 120 Signal 2 120 Signal 3 _____ Signal 4 _____
Footage of 7c/#14 to: Signal 1 _____ Signal 2 _____ Signal 3 _____ Signal 4 _____
Footage of 4c/6c/#6 to: Track 1 200 Track 2 230 Track 3 250 Track 4 _____
Footage of 5c/#14 to: Location 1 1500 Location 2 _____ Location 3 _____ Location 4 _____
Footage of 3c/#9 to: Power 1 150 Power 2 _____ Power 3 _____ Power 4 _____
4" Conduit under Road = 50 Under tracks = 50 Under Other = _____

Control Equipment Detail

of Instrument Cases or Bungalows = 1 - New # of Battery Boxes. _____
of GCP Units = 2 Manufacturer = SafeTran Model # = 4000
of PMD Units = _____ Manufacturer = _____ Model # = _____
of "C" Inverters = _____ Manufacturer = _____ Model # = _____
GCP Frequency. Unit 1 970 Unit 2 285 Unit 3 _____ Unit 4 _____
PMD Frequency. Unit 1 _____ Unit 2 _____ Unit 3 _____ Unit 4 _____
Approach Length. Track 1 842 Track 2 2530 Track 3 842 Track 4 _____
Island Length. Track 1 120 Track 2 150 Track 3 120 Track 4 _____
B12 Amp Hour = 165 GB12 Amp Hour = 165 MSB12 Amp Hour = 165

Highway Grade Crossing Warning System Installation Cut Over Test

Railroad = CSX Transportation Line = Great Lakes / Mt. Victory Sub
Location = Hale Street AAR# = 513785E M.P. = QT 81.54
City = Ridgeway State = Ohio County = Hardin
Cut Over Test Date = See daily 04-09-08

Attendance Info

PUCO 1 Robert J. Reustle Railroad 1 Steve DiSaro
PUCO 2 _____ Railroad 2 _____
PUCO 3 _____ Railroad 3 _____

Inspection & Tests Made

Locks? Yes Plans in case and correct? Yes
Insulation Resistance Test made? unknown Relay Test Made? unknown
B12 Volts = 14.26 GB12 Volts = 16.22 MSB12 Volts = 13.65
Grounds Test made? Yes Case and Bases Tagged? Yes
Lamp Volts AC = N/A Lamp Volts DC = 12.4 vdc
Lights Focused? Yes Flash Rate = 55 FPM @ Light
Gate Arm and lights proper? Yes Gate Arm Movement proper? Yes
Bells Operate? Yes Traffic Pre-emption operates properly? N/A
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 = 35

Railroad = CSX Transportation Line = Great Lakes / Mt. Victory Sub
 Location = Hale Street AAR# = 513785E M.P. = QT 81.54
 City = Ridgeway State = Ohio County = Hardin
 Construction Start Date = See Daily notes Cut Over Test Date = See daily 04-09-08

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>2</u>

Underground Cable & Conduit Outline

<u>240</u>	Ft. 5c/#6 Gate/Flasher Cable.	<u>0</u>	Ft. 7c/#14 Control/Flasher Cable.
<u>680</u>	Ft. 2c/#6 Track Cable.	<u>1500</u>	Ft. 7c/#14 Express Cable.
<u>150</u>	Ft. 3c/#9 Power Cable.		
<u>100</u>	Ft. 4" Conduit.		

Control Equipment Outline

# of Instrument Cases or Bungalows =	<u>1 - New</u>	# of Battery Boxes =	<u>0</u>
# of GCP Units =	<u>2</u>	Manufacturer =	<u>SafeTran</u>
# of PMD Units =	<u>0</u>	Model # =	<u>4000</u>
# of "C" Inverters =	<u>0</u>	Manufacturer =	<u>0</u>
		Model # =	<u>0</u>

GCP Frequency.	Unit 1	<u>970</u>	Unit 2	<u>285</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>842</u>	Track 2	<u>2530</u>	Track 3	<u>842</u>	Track 4	<u>0</u>
Island Length.	Track 1	<u>120</u>	Track 2	<u>150</u>	Track 3	<u>120</u>	Track 4	<u>0</u>

B12 Amp Hour = 165 GB12 Amp Hour = 165 MSB12 Amp Hour = 165

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 Robert J. Reustle

Title PUCO/FRA Inspector
Date April 11, 2008

DEPARTMENT OF TRANSPORTATION
FEDERAL RAILROAD ADMINISTRATION (FRA)

INSPECTION REPORT

OMB Approval No.: 2130-0509

Inspector's Name REUSTLE, ROBERT		Inspector's Signature		Inspector's ID No. S3903		Report No. 13		Date yy mm dd 2008 04 09		
Railroad/Company Name & Address CSX Transportation 108 South Thoman Street				R/C R	Division		RR/Co. Representative (Receipt Acknowledged) Name Gary Blum Title Signal Supervisor Signature _____			
Crestline OH 44827				RR/Co. Code CSX	Subdivision MT. VICTORY					
From: City RIDGEWAY		Codes 6930		Destination City & County		Codes		From Latitude		
State OH		39		City RIDGEWAY		6930		From Longitude		
County HARDIN		C065		County HARDIN		C065		To Latitude		
Mile Post: From To				Inspection Point				To Longitude		
Activity Code:	HGCS	HGCO								
Units:	5	5								

Item	Initials/Milepost	Equipment/Track #	Type/Kind	49 CFR/ USC	Defect	Subrule	Speed	Class	Train #/Site	SNFR*	RCL**	# of Occ.***	Activity Code
1	QT 81.54			234					513785E	N	N	1	

Description
Hale St. - No exceptions to units inspected.

Violation Recommended ☐ Yes ☒ No Latitude: Longitude:

Written Notification to FRA of Remedial Action is: ☐ Required ☒ Optional Railroad Action Code Date(mm/dd/yyyy): Comments on back?

Source Code A	File Number	ID's of Accompanying Inspector(s)
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