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FILE

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2006 DEC 11 AM 8:29

Public Utilities Commission of
Ohio

PUCO

Memo

To: Docketing Division *3/8*
From: Bonnie J Johrendt, Grade Crossing Planner
Date: December 11, 2006
RE: PUCO Case 005-1510-RR-STP *2/11*

Please docket the attached final inspection report for the above-mentioned case. As noted in Inspector Reustle's report, this 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, Docketing may close this case.

c: File

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 *78* Date Processed 12-11-06

Public Utilities Commission of Ohio
Transportation Department
Inspection & Investigation Division

Highway Grade Crossing Warning System Installation Detail 1

Railroad = CSX Transportation Line = Toledo
Location = Hufford Road AAR# = 155835S M.P. = BE194.68
City = Perrysburg State = Ohio County = Wood
Construction Start Date = See daily sheets

Visible Warning Devices Detail

SE Quad

# Flasher Mast		# Gate Mast	<u>1</u>	# Cantilever	
# Crossbucks	<u>1</u>	Gate Arm Length	<u>18</u>	Cantilever Length	
# 2-Way Lights	<u>1</u>	# 1-Way lights		# Bells	
2-Way Lights Size	<u>12</u>	1-Way Lights Size		# Multiple Track Signs	<u>1</u>

NW Quad

# Flasher Mast		# Gate Mast	<u>1</u>	# Cantilever	
# Crossbucks	<u>1</u>	Gate Arm Length	<u>18</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	<u>1</u>

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	

Inspection & Investigation Division

Highway Grade Crossing Warning System Installation Detail 2

Railroad = CSX Transportation Line = Toledo
Location = Hufford Road AAR# = 155835S M.P. = BE194.68
City = Perrysburg State = Ohio County = Wood
Construction Start Date = See daily sheets

Underground Cable & Conduit Detail

Footage of 19c/#6/14 to Signal 1 200 Signal 2 250 Signal 3 Signal 4
Footage of 7c/#14 to: Signal 1 Signal 2 Signal 3 Signal 4
Footage of 2c/#6 to: Track 1 250 Track 2 300 Track 3 Track 4
Footage of 7c/#14 to: Location 1 Location 2 Location 3 Location 4
Footage of 3c/#9 to: Power 1 200 Power 2 Power 3 Power 4
4" Conduit under Road = 40 Under tracks = 30 Under Other =

Control Equipment Detail

of Instrument Cases or Bungalows = 1 - new # of Battery Boxes.
of GCP Units = 1 Manufacturer = SafeTran Model # = 4000
of PMD Units = Manufacturer = Model # =
of "C" Inverters = Manufacturer = Model # =
GCP Frequency. Unit 1 645 Unit 2 Unit 3 Unit 4
PMD Frequency. Unit 1 Unit 2 Unit 3 Unit 4
Approach Length. Track 1 1680 Track 2 1680 Track 3 Track 4
Island Length. Track 1 128 Track 2 128 Track 3 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 = Toledo
Location = Hufford Road AAR# = 155835S M.P. = BE194.68
City = Perrysburg State = Ohio County = Wood
Cut Over Test Date = 12/7/2006

Attendance Info

PUCO 1 Robert J. Reustle Railroad 1 Dana Long
PUCO 2 _____ Railroad 2 Don Gunch
PUCO 3 _____ Railroad 3 _____

Inspection & Tests Made

Locks? Yes Plans in case and correct? Yes
Insulation Resistance Test made? Yes Relay Test Made? Yes
B12 Volts = 15.32 GB12 Volts = 16.93 MSB12 Volts = 13.89
Grounds Test made? Yes Case and Bases Tagged? Yes
Lamp Volts AC = N/A Lamp Volts DC = 11.5
Lights Focused? Yes Flash Rate = 50 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 = 30

Railroad = CSX Transportation Line = Toledo
 Location = Hufford Road AAR# = 155835S M.P. = BE194.68
 City = Perrysburg State = Ohio County = Wood
 Construction Start Date = See daily sheets Cut Over Test Date = 12/7/2006

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>450</u>	Ft. 5c/#6 Gate/Flasher Cable.	<u>0</u>	Ft. 7c/#14 Control/Flasher Cable.
<u>550</u>	Ft. 2c/#6 Track Cable.	<u>0</u>	Ft. 7c/#14 Express Cable.
<u>200</u>	Ft. 3c/#9 Power Cable.		
<u>70</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>1</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>645</u>	Unit 2 <u>0</u>	Unit 3 <u>0</u>
PMD Frequency.	Unit 1 <u>0</u>	Unit 2 <u>0</u>	Unit 3 <u>0</u>
Approach Length.	Track 1 <u>1680</u>	Track 2 <u>1680</u>	Track 3 <u>0</u>
Island Length.	Track 1 <u>128</u>	Track 2 <u>128</u>	Track 3 <u>0</u>
			Track 4 <u>0</u>
B12 Amp Hour =	<u>165</u>	GB12 Amp Hour =	<u>165</u>
		MSB12 Amp Hour =	<u>165</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 Robert J. Reustle

Title PUCO/FRA Inspector
 Date December 8, 2006

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. 58		Date yy mm dd 2006 12 07					
Railroad/Company Name & Address CSX TRANSPORTATION 29461 East Broadway Road				R/C R	Division	RR/Co. Representative (Receipt Acknowledged) Name Larry Lewis Title Signal Sup. Signature _____							
Wallbridge OH 43465				RR/Co. Code CSX	Subdivision TOLEDO								
From: City PERRYSBURG		Codes 6490	Destination City & County			Codes	From Latitude						
State OH		39	City PERRYSBURG			6490	From Longitude						
County WOOD		C173	County WOOD			C173	To Latitude						
Mile Post: From BE0194.68 To BE0194.68			Inspection Point			To Longitude							
Activity Code:	HGCS	HGCO	HGCR										
Units:	5	6	2										
Item	Initials/Milepost	Equipment/Track #	Type/Kind	49 CFR/USC	Defect	Subrule	Speed	Class	Train #/Site	SNFR*	RCL**	# of Occ.***	Activity Code
1	BE194.68			234					155835S	N	N	1	
Description Hufford Road - No exceptions to units inspected.													
Violation Recommended				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Latitude:		Longitude:					
Written Notification to FRA of Remedial Action is:				<input type="checkbox"/> Required <input checked="" type="checkbox"/> 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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