

Public Utilities Commission of
Ohio

Memo

To: Docketing Division
From: Bonnie J Johrendt, Grade Crossing Planner
Date: January 24, 2007
RE: PUCO Case 06-565-RR-STP

PUCO

2007 JAN 24 AM 9:55

RECEIVED-DOCKETING DIV

Please docket the attached final inspection report for the above-mentioned case. As noted in Inspector Coates' 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 SB Date Processed 1-24-07

Public Utilities Commission of Ohio
Transportation Department
Inspection & Investigation Division

Highway Grade Crossing Warning System Installation Detail 1

Railroad = NonFolk Southern

Line = West Virginia Sec

Location = SR 13 (Scott St)

AAR# = 513 427 V

M.P. = 54.91

City = Muxahala

State = OH

County = Perry

Construction Start Date = 11-06-06

Visible Warning Devices Detail

A Quad

Flasher Mast 0

Gate Mast 1

Cantilever 0

Crossbucks 1

Gate Arm Length 24'4"

Cantilever Length 0

2-Way Lights 4

1-Way lights N/A

Bells 1

2-Way Lights Size 12"

1-Way Lights Size N/A

Multiple Track Signs 0

B Quad

Flasher Mast 0

Gate Mast 1

Cantilever 0

Crossbucks 1

Gate Arm Length 18'0"

Cantilever Length 0

2-Way Lights 4

1-Way lights N/A

Bells 0

2-Way Lights Size 12"

1-Way Lights Size N/A

Multiple Track Signs 0

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

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Highway Grade Crossing Warning System Installation Detail 2

Railroad = 0 Line = 0
Location = 0 AAR# = 0 M.P. = 0
City = 0 State = 0 County = 0
Construction Start Date = 01/00/00

Underground Cable & Conduit Detail

Footage of 5c/#6 to: Signal 1 ^A 80' Signal 2 ^B 160' Signal 3 N/A Signal 4 N/A
Footage of 7c/#14 to: Signal 1 ^A 80' Signal 2 ^B 160' Signal 3 N/A Signal 4 N/A
Footage of 2c/#6 to: Track 1 ^{North} 80' Track 2 ^{South} 160' Track 3 N/A Track 4 N/A
Footage of 7c/#14 to: Location 1 N/A Location 2 N/A Location 3 N/A Location 4 N/A
Footage of 3c/#9 to: Power 1 ⁶ 160' Power 2 N/A Power 3 N/A Power 4 N/A
4" Conduit under Road = Under tracks = Under Other = N/A

Control Equipment Detail

of Instrument Cases or Bungalows = 1 # of Battery Boxes. 0
of GCP Units = 1 Manufacturer = ST Model # = 300002
of PMD Units = N/A Manufacturer = N/A Model # = N/A
of "C" Inverters = N/A Manufacturer = N/A Model # = N/A
GCP Frequency. Unit 1 525Hz Unit 2 525Hz Unit 3 Unit 4
PMD Frequency. Unit 1 Unit 2 Unit 3 Unit 4
Approach Length. Track 1 175' Track 2 Track 3 Track 4
Island Length. Track 1 156' Track 2 Track 3 Track 4
B12 Amp Hour = 264 GB12 Amp Hour = 264 MSB12 Amp Hour =

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Highway Grade Crossing Warning System Installation Cut Over Test

Railroad = 0 Line = 0
Location = 0 AAR# = 0 M.P. = 0
City = 0 State = 0 County = 0
Cut Over Test Date = 1-17-07

Attendance Info

PUCO 1 DE COATES Railroad 1 JJBENTZ C+S Super
PUCO 2 _____ Railroad 2 JL Fisher C-S Foreman
PUCO 3 _____ Railroad 3 _____

Inspection & Tests Made

Locks? ✓ Plans in case and correct? ✓
Insulation Resistance Test made? ✓ Relay Test Made? N/A
B12 Volts = 13.2 GB12 Volts = 15.6 MSB12 Volts = N/A
Grounds Test made? ✓ Case and Bases Tagged? ✓
Lamp Volts AC = N/A Lamp Volts DC = 9.5
Lights Focused? ✓ Flash Rate = 40 FPM @ Light @ minute
Gate Arm and lights proper? ✓ Gate Arm Movement proper? ✓
Bells Operate? ✓ Traffic Pre-emption operates properly? N/A
MS / GCP Island Shunt with no time out? ✓ AC/DC Island Shunted? _____
MS / GCP Approach Shunt with time out? ✓ AC/DC Approach Shunted? _____
Tested under train moves this date? 1-17-07 Warning Time observed or set = 30"

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Highway Grade Crossing Warning System Installation Outline

Railroad = 0 Line = 0
Location = 0 AAR# = 0 M.P. = 0
City = 0 State = 0 County = 0
Construction Start Date = 01/00/00 Cut Over Test Date = 01/00/00

Visible Warning Devices Outline

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

Underground Cable & Conduit Outline

0 Ft. 5c/#6 Gate/Flasher Cable. 0 Ft. 7c/#14 Control/Flasher Cable.
0 Ft. 2c/#6 Track Cable. 0 Ft. 7c/#14 Express Cable.
0 Ft. 3c/#9 Power Cable.
0 Ft. 4" Conduit.

Control Equipment Outline

of Instrument Cases or Bungalows = 0 # of Battery Boxes = 0
of GCP Units = 0 Manufacturer = 0 Model # = 0
of PMD Units = 0 Manufacturer = 0 Model # = 0
of "C" Inverters = 0 Manufacturer = 0 Model # = 0

GCP Frequency. Unit 1 0 Unit 2 0 Unit 3 0 Unit 4 0
PMD Frequency. Unit 1 0 Unit 2 0 Unit 3 0 Unit 4 0
Approach Length. Track 1 0 Track 2 0 Track 3 0 Track 4 0
Island Length. Track 1 0 Track 2 0 Track 3 0 Track 4 0

B12 Amp Hour = 0 GB12 Amp Hour = 0 MSB12 Amp Hour = 0

The above described apparatus was observed to be installed in accordance with State, Federal, and MUTCD standards and regulations.

The above described location was observed to operate as designed in accordance with FRA standards and regulations.

Name DON COATES
Signature
Title PUCO Inspector
Date JAN. 17 '07