

FILE

Public Utilities
Commission of Ohio


Memo

PUCO

2016 JAN 25 PM 12:56

RECEIVED-COMMUTING DIV

To: Docketing Division

From: Jill Henry, Rail Specialist, Rail Division 

Cc: PUCO Legal Department

Date: 1/20/16

Re: PUCO Case No. 14-851-RR-STP- In the matter of a request for the Installation of Active Warning Devices at the Metro Regional Transit Authority Grade Crossing, 12th Street SW (DOT#142-882M), in Stark County, Canton, Ohio.

On May 9, 2014, Commission Staff, Metro Regional Transit Authority ("MRTA") and the City of Canton, Stark County entered into an agreement whereby active grade crossing warning devices would be installed at 12th Street NW in Canton, Ohio.

On June 4, 2014, the Commission issued a Finding and Order approving the project, requiring plans and estimates by September 4, 2015, and ordering project completion by June 4, 2015.

The crossing project has been completed as follows:

Street	DOT#	County	Date of Completion
12 th Street SW	(142-882M)	Stark County	8/25/15

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.

This is to certify that the foregoing are an accurate and complete reproduction of a case file document delivered in the regular course of business.

Technician Am Date Processed 1/25/16

Public Utilities Commission of Ohio
Transportation Department
Inspection & Investigation Division

Highway Grade Crossing Warning System Installation Detail 1

Railroad = MARTA Line = _____
Location = 12th Street AAR# = 142882M M.P. = 17.7
City = Canton State = Ohio County = Stark
Construction Start Date = 5/1/2015

Visible Warning Devices Detail

NE Quad

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

SW Quad

# Flasher Mast	_____	# Gate Mast	<u>1</u>	# Cantilever	<u>1</u>
# Crossbucks	<u>2</u>	Gate Arm Length	<u>30</u>	Cantilever Length	<u>25</u>
# 2-Way Lights	<u>2</u>	# 1-Way lights	_____	# Bells	<u>1</u>
2-Way Lights Size	<u>12</u>	1-Way Lights Size	_____	# Multiple Track Signs	_____

SE Quad

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

Public Utilities Commission of Ohio
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Highway Grade Crossing Warning System Installation Detail 2

Railroad = MARTA Line = 0
Location = 12th Street AAR# = 142882M M.P. = 17.7
City = Canton State = Ohio County = Stark
Construction Start Date = 5/1/2015

Underground Cable & Conduit Detail

Footage of 5c/#6 to: Signal 1 150 Signal 2 80 Signal 3 135 Signal 4 _____
Footage of 7c/#14 to: Signal 1 150 Signal 2 80 Signal 3 135 Signal 4 _____
Footage of 2c/#6 to: Track 1 520 Track 2 _____ Track 3 _____ 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 = 100 Under tracks = 40 Under Other = _____

Control Equipment Detail

of Instrument Cases or Bungalows = 1 # of Battery Boxes. _____
of GCP Units = _____ Manufacturer = _____ Model # = _____
of PMD Units = _____ Manufacturer = _____ Model # = _____
of "C" Inverters = 1 Manufacturer = GE Model # = SCX-1
GCP Frequency. Unit 1 _____ Unit 2 _____ Unit 3 _____ Unit 4 _____
PMD Frequency. Unit 1 _____ Unit 2 _____ Unit 3 _____ Unit 4 _____
Approach Length. Track 1 660 Track 2 _____ Track 3 _____ Track 4 _____
Island Length. Track 1 150 Track 2 _____ Track 3 _____ Track 4 _____
OB12 Amp Hour = 165 XB12 Amp Hour = 230 MSB12 Amp Hour = _____

Public Utilities Commission of Ohio
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Highway Grade Crossing Warning System Installation Cut Over Test

Railroad = MARTA Line = 0
Location = 12th Street AAR# = 142882M M.P. = 17.7
City = Canton State = Ohio County = Stark
Cut Over Test Date = 8/25/2015

Attendance Info

PUCO 1 Shawn Zurfley Railroad 1 Walley Reustle
PUCO 2 _____ Railroad 2 Ed Reustle
PUCO 3 _____ Railroad 3 _____

Inspection & Tests Made

Locks? Yes Plans in case and correct? Yes
Insulation Resistance Test made? YES Relay Test Made? NA
OB12 Volts = 13.9 XB12 Volts = 14 MSB12 Volts = _____
Grounds Test made? yes Case and Bases Tagged? yes
Lamp Volts AC = 11.1 Lamp Volts DC = 11.1
Lights Focused? Yes Flash Rate = 54 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? _____ AC/DC Island Shunted? Yes
MS / GCP Approach Shunt with time out? _____ AC/DC Approach Shunted? Yes
Tested under train moves this date? NA Warning Time observed or set = 30

Public Utilities Commission of Ohio
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Highway Grade Crossing Warning System Installation Outline

Railroad = MARTA Line = 0
Location = 12th Street AAR# = 142882M M.P. = 17.7
City = Canton State = Ohio County = Stark
Construction Start Date = 5/1/2015 Cut Over Test Date = 8/25/2015

Visible Warning Devices Outline

# Gate masts.	<u>2</u>	# Cantilever Masts.	<u>1</u>	# Flasher Masts.	<u>1</u>
# 2 - Way light units.	<u>3</u>	# 1 - Way Light units.	<u>2</u>		
# Crossbucks.	<u>4</u>	# Multiple Track Signs.	<u>0</u>	# Bells.	<u>2</u>

Underground Cable & Conduit Outline

<u>365</u>	Ft. 5c/#6 Gate/Flasher Cable.	<u>365</u>	Ft. 7c/#14 Control/Flasher Cable.
<u>520</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>0</u>	Manufacturer =	<u>0</u>		
# of PMD Units =	<u>0</u>	Model # =	<u>0</u>		
# of "C" Inverters =	<u>1</u>	Manufacturer =	<u>0</u>		
		Model # =	<u>0</u>		
		Model # =	<u>SCX-1</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>0</u>	Unit 2 <u>0</u>	Unit 3 <u>0</u>	Unit 4 <u>0</u>	
Approach Length.	Track 1 <u>660</u>	Track 2 <u>0</u>	Track 3 <u>0</u>	Track 4 <u>0</u>	
Island Length.	Track 1 <u>150</u>	Track 2 <u>0</u>	Track 3 <u>0</u>	Track 4 <u>0</u>	
B12 Amp Hour =	<u>165</u>	GB12 Amp Hour =	<u>230</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 62)

Name Shawn A. Zurfley

Title PUCO/FRA Inspector
Date September 11, 2015