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Public Utilities
Commission of Ohio

PUCO

Memo

To: Docketing Division
From: George Martin, Grade Crossing Planner, Rail Division *GM*
Re: In the matter of the authorization of the Wheeling & Lake Erie Railway to install an active grade crossing warning device in Lorain County
Date: August 24, 2007

The Ohio Rail Development Commission (ORDC) has authorized funding for the Wheeling & Lake Erie Railway (WE) to install an active grade crossing warning device at the following location:

Lorain County, Huntington Township, Baker Rd., DOT# 002-027R

This crossing was the site of a fatal train/automobile collision on July 14, 2007, and was surveyed by staff from the Commission, ORDC, WE, and the Township on August 13, 2007. The survey team recommended an upgrade to flashing lights and roadway gates.

The project will be federally funded and is actual cost.

Staff requests an Entry with plans and estimates to be submitted to the Commission and ORDC within 90 days and completion within one year. Upon approval of the plans and estimates by ORDC construction may commence. A suggested case coding and heading would be:

PUCO Case No. 07- 950 -RR-FED In the matter of the authorization of the Wheeling & Lake Erie Railway to install an active grade crossing warning device in Lorain County

Please serve the following parties of record

C: Legal Department

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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 AMW Date Processed 8/28/07

Ms Susan Kirkland

Ohio Rail Development Commission

50 W Broad St, 15th Floor

Columbus, Oh 43215

Mr Dan Reinsel

Wheeling & Lake Erie Railway

100 East First St

Brewster, Oh 44613

Huntington Township Trustees

26309 SR 58

Wellington, Oh 44090

OHIO RAIL DEVELOPMENT COMMISSION INTEROFFICE COMMUNICATION

TO: George Martin, Planner, Railroad Division, PUCO
FROM: Joseph N. Reinhardt, Grade Crossing Specialist
SUBJECT: Grade Crossing Warning Project
DATE: August 23, 2007

You may authorize the following warning projects to proceed with the non-field work involved with the below mentioned non-lump sum project. This construction authorization is made with the stipulation and understanding that any field work needs prior approval before the work begins. This authorization is made with the stipulation and understanding that an approved estimate may contain entries for items or activities that may be cited and found to be ineligible for federal participation during the project audit.

Project List

Wheeling and Lake Erie Railway:

Lorain County, Baker Road, DOT 002027R

Thank you for your assistance with these matters.

JR:jnr

c: S. Kirkland - Files (J. Reinhardt)

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PUBLIC UTILITIES
COMMISSION
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RAIL DIVISION



Ohio Rail Development Commission
50 W. Broad Street, Suite 1510
Columbus, OH 43215

Diagnostic Review Team Survey

Date: 8-13-07

Street or Road Name: Baker Road			
Route/Road Number TWP. (include SLM if State or US route) 155		AAR-DOT No.: 002027R	
County: LORAIN	Township: Huntington	City: Rochester (In or Near)	
Railroad Name: WLE	Railroad Division: Ac & V Line	Branch/Line Name:	
Nearest RR Timetable Station:		RR Milepost: 116.47	

(Include: Name - Organization - Phone Number)

1. Joe Reinhardt ORDC 614-644-0291
2. GEORGE MARTIN PUCO 614-752-9107
3. DAN REINSEL WLE 330-767-7202
4. Dennis L Finkel TWP 440-647-5100
5. Mary Beth Denksta TWP 440-647-2590
- 6.
- 7.
- 8.
- 9.

Existing Traffic Control Devices

Type of Warning Devices	Installed?		Quantity/Comments	
Advance Warning Signs	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	3	
'Stop' Signs	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	2	
'Stop Ahead' Signs	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
Pavement Markings	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	2	
Crossbucks	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	2	
Number of Tracks Signs	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
Inventory Tags	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	1	
Interconnected Highway Traffic Signal	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
Mast-Mounted Flashing Lights	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
Cantilever Flashing Lights	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Number:	Length:
Side Lights	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
Automatic Gates	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Number:	Length:
Bells	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
Sidewalk Gate Arms	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
'No Turn' Signs	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
Illumination	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Southside - ONE	
Is crossing flagged by train crew?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
Other	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		

Settling Date (Obtain crash reports, if possible, prior to review)		
	Initial Information (from database)	Revised
Number & dates of crashes in previous 5 years	(i) Total on 7-14-07	
Hazard Ranking	330 Date Run:	
Railroad Data		
Railroad Characteristics	Initial Information (from database)	Revised
Total trains per day	9	
< 1 per day		
Day thru trains	4	
Night thru trains	5	
Daytime switching movements		
Nighttime switching movements		
Total number of tracks		
Number of main tracks		
Number of other tracks		
Maximum train speed	40	
Typical train speed	40	
Amtrak	NONE	
If non-gated crossing, is clearing sight distance adequate in all quadrants? (See Table 1) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
If multiple tracks, can two trains occupy crossing at the same time? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Can one train block the motorists' view of another train at crossing? <input type="checkbox"/> Yes (Explain below) <input checked="" type="checkbox"/> No		
Are there other track(s) crossing this same roadway within 100 ft of this crossing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If yes, Crossing DOT # (if different) _____		
If yes, distance _____ (take measurement between track centerlines at closest point along roadway)		
Roadway Data		
Local Highway Authority: <u>Hudson Twp.</u>		
Roadway Characteristics	Initial Information (from database)	Revised
Average daily traffic		
Highway paved <u>YES</u>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Roadway Surface: <input checked="" type="checkbox"/> Blacktop <input type="checkbox"/> Gravel <input type="checkbox"/> Concrete <input type="checkbox"/> Other _____		
Roadway width: <u>15</u> ft.		
Number of highway lanes	<u>Two</u>	
Urban or Rural	<u>RURAL</u>	
Vehicle Speed: <u>55</u> MPH		
School Bus Operation: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <u>2</u> Amount		
Hazardous Materials Trucks: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes _____ Amount		
Shoulders: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		
Is the shoulder surfaced? <input type="checkbox"/> No <input type="checkbox"/> Yes		
Is there existing guardrail along roadway in crossing vicinity? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		
Is stopping site distance adequate? (See Table 2) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If no, deficient approach(es) _____		

Quadrant <u>NW</u> Curb and Gutter: <input type="checkbox"/> Functional (Curb height = 4" or more) <input type="checkbox"/> Non-functional (Curb height = Less than 4") <input checked="" type="checkbox"/> None	Quadrant <u>SE</u> Curb and Gutter: <input type="checkbox"/> Functional (Curb height = 4" or more) <input type="checkbox"/> Non-functional (Curb height = Less than 4") <input checked="" type="checkbox"/> None
Pedestrians: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
Is sidewalk present? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
Is there a nearby intersection that could cause queuing over the crossing? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, Distance _____	
Is this intersection signalized? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
Are the signals currently interconnected with the existing crossing warning devices? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
Is it the consensus of the Diagnostic Review Team that this is a potential closure project? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Explain reasons: <div style="text-align: center; font-size: 1.2em; margin-top: 10px;"> <u>Too far for Fire department & school buses to travel.</u> </div>	
Type of Development	
<input type="checkbox"/> Open Space <input type="checkbox"/> Institutional <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential	Location of nearby schools:
Utility Information	
Is commercial power available? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	
Utility Provider (Company Name) <u>MRE</u> Phone Number _____	
Nearest Available Power Source <u>At the crossing</u>	
What other utilities are present? <u>GTE - Buried Water - Buried</u>	
Is there potential utility conflict(s) <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown	
Diagnostic Team Recommendations	
	Quadrants Needed
<input checked="" type="checkbox"/> Install/upgrade active devices	
<input type="checkbox"/> Automatic Flashing Lights (AFLS)	
<input type="checkbox"/> AFLS / Cants	
<input checked="" type="checkbox"/> AFLS / Gates	Two
<input type="checkbox"/> AFLS / Gates / Cants	
<input type="checkbox"/> Upgrade circuitry	
<input type="checkbox"/> Sidelights	
<input type="checkbox"/> Guardrail Needed	
<input type="checkbox"/> Install/Replace curb	
<input type="checkbox"/> Other (define)	
Comments:	
<input type="checkbox"/> Install/upgrade traffic signal preemption	
<input type="checkbox"/> No improvements needed	
<input type="checkbox"/> Other (define)	