FILE

Public Utilities Commission of Ohio

Memo

To: Docketing Division

From: George Martin, Grade Crossing Planner, Rail Division

Re: In the matter of the authorization of the Indiana & Ohio Railway to install an active grade crossing warning device in Champaign County

Date: February 25, 2008

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

Champaign County, near Rosewood, State Route 29, DOT# 258-706N

The project will be federally funded and is actual cost. Staff requests an Entry will the plan and estimate to be submitted within 90 days and completion within one year. Upon approval of the plan and estimate by ORDC construction may commence. A suggested case coding and heading would be:

PUCO Case No. 08- 171 RR-FED In the matter of the authorization of the Indiana & Ohio Railway to install an active grade crossing warning device in Champaign County

C: Legal Department

Please serve the following parties of record

Ms Susan Kirkland

Ohio Rail Development Commission

50 W Broad St, 15th Floor

Columbus, Oh 43215

Mr Biff Konrad

Indiana & Ohio Railway

497 Circle Freeway Drive, Ste. 230

Cincinnati, Oh 45246

ODOT District 7

1001 St Mary's Ave.

PO Box 969

Sidney, Oh 45365-0969

OHIO RAIL DEVELOPMENT COMMISSION
INTER-OFFICE COMMUNICATION

TO: George Martin, Planner, Railroad Division, PUCO

FROM: Susan Kirkland, Supervisor, Rail-Highway Safety Section

BY: Tim Perkins, Grade Crossing Specialist Tim Perkins

SUBJECT: Grade Crossing Warning Project

DATE: February 18, 2008

You may authorize the railroad to proceed with the non-field work for this project. This construction authorization is made with the stipulation and understanding that any field work needs prior approval before 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. The construction portion and preliminary engineering will be financed with federal funds.

Please initiate a one (1) year order with the plan and estimate due in ninety (90) days for the following.

CHP - S.R. 29-3.63 - I&O AAR No. 258 706 N (Actual cost)

Thank you for your assistance with this matter.

TP:tp

INDIANA & OHIO RAILWAY (IORY)
NEAR ROSEWOOD
LHA - STATE ODOT DISTRICT 7

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

Diagnostic Review Team Survey

Date: 6-19-07

Location Data

Street or Road Name: State Route 29-3.63

Route/Road Number (i.e. Twp., Co., SR or US): SR (include SLM if State or US route) 29-3.63

AAR-DOT No.: 258706N

County: CHP

Township:

City: (In or Near) Rosewood

Railroad Name: I&O

Railroad Division: Flat Rock

Branch/Line Name:

Nearest RR Timetable Station: Quincy

RR Milepost: 169.87

On-Site Review Team

(Include: Name – Organization – Phone Number)

1. Joseph N. Burkardt ORDC 614-644-0291
2. GEORGE MARTIN PUCO 614-752-9107
3. Michael S. McKnight ODOT 937-497-6729
4. Robb Cummins ODOT 937-497-6865
5.
6.
7.
8.
9.

Existing Traffic Control Devices

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

Safety Data (Obtain crash reports, if possible, prior to review)

	Initial Information (from database)	Revised
Number & dates of crashes in previous 5 years	4-23-2005 1 INJURY	
Hazard Ranking	170 Date Run:	

Railroad Data

Railroad Characteristics	Initial Information (from database)	Revised
Total trains per day	6	
< 1 per day		
Day thru trains	3	
Night thru trains	3	
Daytime switching movements	0	
Nighttime switching movements	0	
Total number of tracks	ONE	
Number of main tracks	ONE	
Number of other tracks		
Maximum train speed		
Typical train speed		
Amtrak	NONE	

If non-gated crossing, is clearing sight distance adequate in all quadrants? (See Table 1) ☐ Yes ☑ No

If multiple tracks, can two trains occupy crossing at the same time? ☐ Yes ☑ No

Can one train block the motorists' view of another train at crossing? ☐ Yes (Explain below) ☑ No

Are there other track(s) crossing this same roadway within 100 ft of this crossing? ☐ Yes ☑ 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: State of Ohio

Roadway Characteristics	Initial Information (from database)	Revised
Average daily traffic	6260	[redacted]
Highway paved YES	☑ Yes ☐ No	☐ Yes ☐ No

Roadway Surface: ☑ Blacktop ☐ Gravel ☐ Concrete ☐ Other _____

Roadway width: 26 ft.

Number of highway lanes	TWO	
Urban or Rural	RURAL	
Vehicle Speed: 40 MPH		

School Bus Operation: ☐ No ☑ Yes ____ Amount

Hazardous Materials Trucks: ☐ No ☑ Yes ____ Amount

Shoulders: ☐ No ☑ Yes

Is the shoulder surfaced? ☑ No ☐ Yes

Is there existing guardrail along roadway in crossing vicinity? ☑ No ☐ Yes

Is stopping site distance adequate? (See Table 2) ☑ Yes ☐ No If no, deficient approach(es) _____

Quadrant NE Curb and Gutter:	Quadrant SW Curb and Gutter:
☐ Functional (Curb height = 4" or more)	☐ Functional (Curb height = 4" or more)
☐ Non-functional (Curb height = Less than 4")	☐ Non-functional (Curb height = Less than 4")
☑ None	☑ None

Pedestrians: ☐ No ☑ Yes

Is sidewalk present? ☑ No ☐ Yes

Is there a nearby intersection that could cause queuing over the crossing? ☑ No ☐ Yes

If yes,

Distance _____

Is this intersection signalized? ☑ No ☐ Yes

Are the signals currently interconnected with the existing crossing warning devices? ☑ No ☐ Yes

Is it the consensus of the Diagnostic Review Team that this is a potential closure project: ☑ No ☐ Yes

Explain reasons:

Type of Development

☑ Open Space ☐ Institutional

☐ Industrial ☐ Commercial

☐ Residential

Location of nearby schools:

Rosewood

Utility Information

Is commercial power available? ☐ No ☑ Yes

Utility Provider (Company Name) Dayton Power & Light Phone Number _____

Nearest Available Power Source _____

What other utilities are present? Telephone & Petroleum Pipe Line

Is there potential utility conflict(s) ☐ Yes ☐ No ☑ Unknown

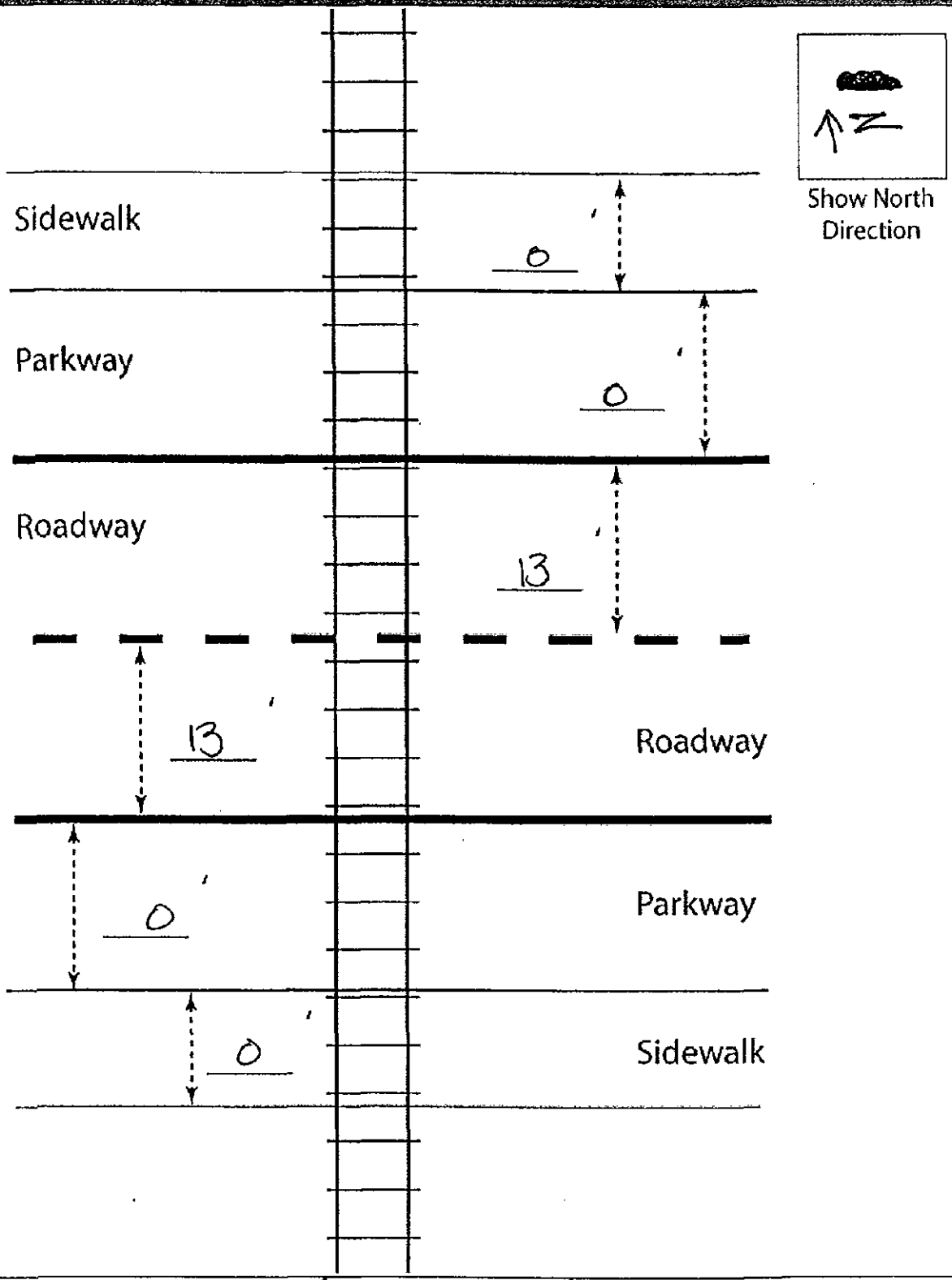
Diagnostic Team Recommendations

	Quadrants Needed
☑ Install/upgrade active devices	
☐ Automatic Flashing Lights (AFLS)	
☐ AFLS /Cants	
☑ AFLS / Gates	Both Quadrants
☐ AFLS / Gates / Cants	
☑ Upgrade circuitry	
☐ Sidelights	
☐ Guardrail Needed	
☐ Install/Replace curb	
☐ Other (define)	

Comments:

☐ Install/upgrade traffic signal preemption	
☐ No improvements needed	
☐ Other (define)	

Field Dimensions



Crossing Angle ☐ 0-29° ☐ 30-59° ☑ 60-90° Measured in NE Quadrant?

Measurements by: JR