

FILE

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2009 SEP 22 PM 1:01

Public Utilities
Commission of Ohio

PUCO

Memo

To: Docketing Division

From: George Martin, Grade Crossing Planner, Rail Division

Re: In the matter of the authorization of the Chicago, Ft. Wayne & Eastern Railroad, Norfolk Southern Railway, and CSX Transportation to install active grade crossing warning devices in Allen, Perry, and Wood Counties

Date: September 22, 2009

The Ohio Rail Development Commission (ORDC) has authorized funding for the Chicago, Ft. Wayne & Eastern Railroad (CFE), Norfolk Southern Railway (NS), and CSX Transportation (CSX) to install flashing lights and roadway gates at the following locations:

Allen County, Marion Township, Defiance Trail/CR 50, DOT# 532-738X, CFE

Perry County, Village of Corning, Adams St., DOT# 513-424A, NS

Wood County, Perry Township, W Millgrove Rd/TR 36, DOT# 228-800V, CSX

These grade crossings were surveyed between July 22 and July 29, 2009 due to their hazard ranking and were determined to warrant the installation of lights and gates.

These projects will be actual cost and 100% federally funded. 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. 09- *841* -RR-FED In the matter of the authorization of the Chicago, Ft. Wayne & Eastern Railroad, Norfolk Southern Railway, and CSX Transportation to install active grade crossing warning devices in Allen, Perry, and Wood Counties

C: Legal Department

Please serve the following parties of record.

• Page 1

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Technician *SM* Date Processed *SEP 22 2009*

Ms Susan Kirkland

Ohio Rail Development Commission

1980 W Broad St, 2nd Floor

Columbus, Oh 43223

Mr Ben Biesterveld

CSX Transportation

500 Water St J301

Jacksonville, Fl 32202

Mr David Murphy

Chicago, Ft. Wayne & Eastern Railroad

3010 East Pontiac St

Ft Wayne, In 46803

Mr Rick Ray

Norfolk Southern Railway

1200 Peachtree St NE, Box 123

Atlanta, Ga 30309

Mr Terry Frank

Xorail

7235 Bonneval Rd

Jacksonville, Fl 32256

Mr Chris Hardesty
Allen County Engineer's Office
1501 N Sugar St
Lima, Oh 45801-3136

Mayor James Randy Hermey
115 Corning Ave
PO Box 447
Corning, Oh 43730

Perry Township Trustees
3995 Eagleville Rd
Fostoria, Oh 44830

AEP
Legal Department
1 Riverside Plaza
Columbus, Oh 43215-2372

North Central Electric Cooperative
13978 East CR 56
PO Box 475
Attica, Oh 44807



Diagnostic Review Team Survey

Date: 7/23/09 NOON

Street or Road Name: DEFIANCE TRAIL			
Route/Road Number (i.e. Twp., Co., SR or US) CR 50 (include SLM if State or US route)		AAR-DOT No.: 532-738 X	
County: ALLEN	Township: MARION	City: (In or Near) DELPAS	
Railroad Name: CPE	Railroad Division:	Branch/Line Name:	
Nearest RR Timetable Station: DELPAS		RR Milepost: QF 271.18	

On-Site Review Team

(Include: Name - Organization - Phone Number)

1. **GEORGE MARTIN** **PUCO** **614-752-9107**
2. **TOOL DARTUS** **ORDC** **614-644-0306**
3. **DAN CHAFFEE** **XORAIL** **904-669-1197**
4. **BRYAN TUFF** **BBAI/CFER** **904-557-1451**
5. **CHRIS HARDESTY** **ACEO** **419-228-3196**
6. **BRADY PETERS** **CFER** **ALSO PRESENT**
7. _____
8. _____
9. _____
10. _____

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 STOP BAR ONLY ON NORTH SIDE
Crossbucks	☒ Yes	☐ No	2 BUCKEYS
Number of Tracks Signs	☐ Yes	☒ No	
Inventory Tags	☒ Yes	☐ No	2
Interconnected Highway Traffic Signal	☐ Yes	☒ No	
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	
Sidewalk Gate Arms	☐ Yes	☒ No	
'No Turn' Signs	☐ Yes	☒ No	
Illumination	☐ Yes	☒ No	
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	1 - 6/2/05	
Hazard Ranking 192	Date Run: 6/30/09	

Railroad Data

Railroad Characteristics	Initial Information (from database)	Revised
Total trains per day	8	
< 1 per day		
Day thru trains	2	
Night thru trains	3	
Daytime switching movements	3	
Nighttime switching movements	0	
Total number of tracks	1	
Number of main tracks	1	
Number of other tracks	0	
Maximum train speed	50	40
Typical train speed		
Amtrak	NO	

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 SINGLE MAIN

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:

(Who maintains this roadway?) ALLEN COUNTY

Roadway Characteristics	Initial Information (from database)	Revised
Average daily traffic	362 - 2004	358 - 2008
Highway paved	☒ Yes ☐ No	☒ Yes ☐ No
Roadway Surface: ☒ Blacktop ☐ Gravel ☐ Concrete ☐ Other _____		
Roadway width: 24 ft.		
Number of highway lanes	2	2
Urban or Rural?	RURAL	same
Vehicle Speed: 55 MPH		

School Bus Operation: ☐ No ☒ Yes Amount _____

Hazardous Materials Trucks: ☐ No ☒ Yes Amount AMMONIA, FERT., PROPANE

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) SB OFF ELIDA

IS APPROXIMATELY 40'

Quadrant _____ Curb and Gutter: ☐ Functional (Curb height = 4" or more) ☐ Non-functional (Curb height = Less than 4") ☒ None	Quadrant _____ Curb and Gutter: ☐ Functional (Curb height = 4" or more) ☐ Non-functional (Curb height = Less than 4") ☒ None
Pedestrians: ☒ No ☐ Yes	
Is sidewalk present? ☒ No ☐ Yes	
Is there a nearby intersection that could cause queuing over the crossing? ☐ No ☒ Yes (POSSIBLY)	
If yes, Distance <u>APPROX 40'</u>	
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:

WITHIN 3 MILES

Utility Information

Is commercial power available? ☒ No ☐ Yes

Utility Provider (Company Name) AEP

Phone Number _____

Nearest Available Power Source AT KING

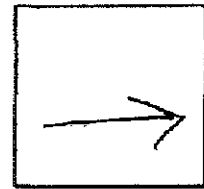
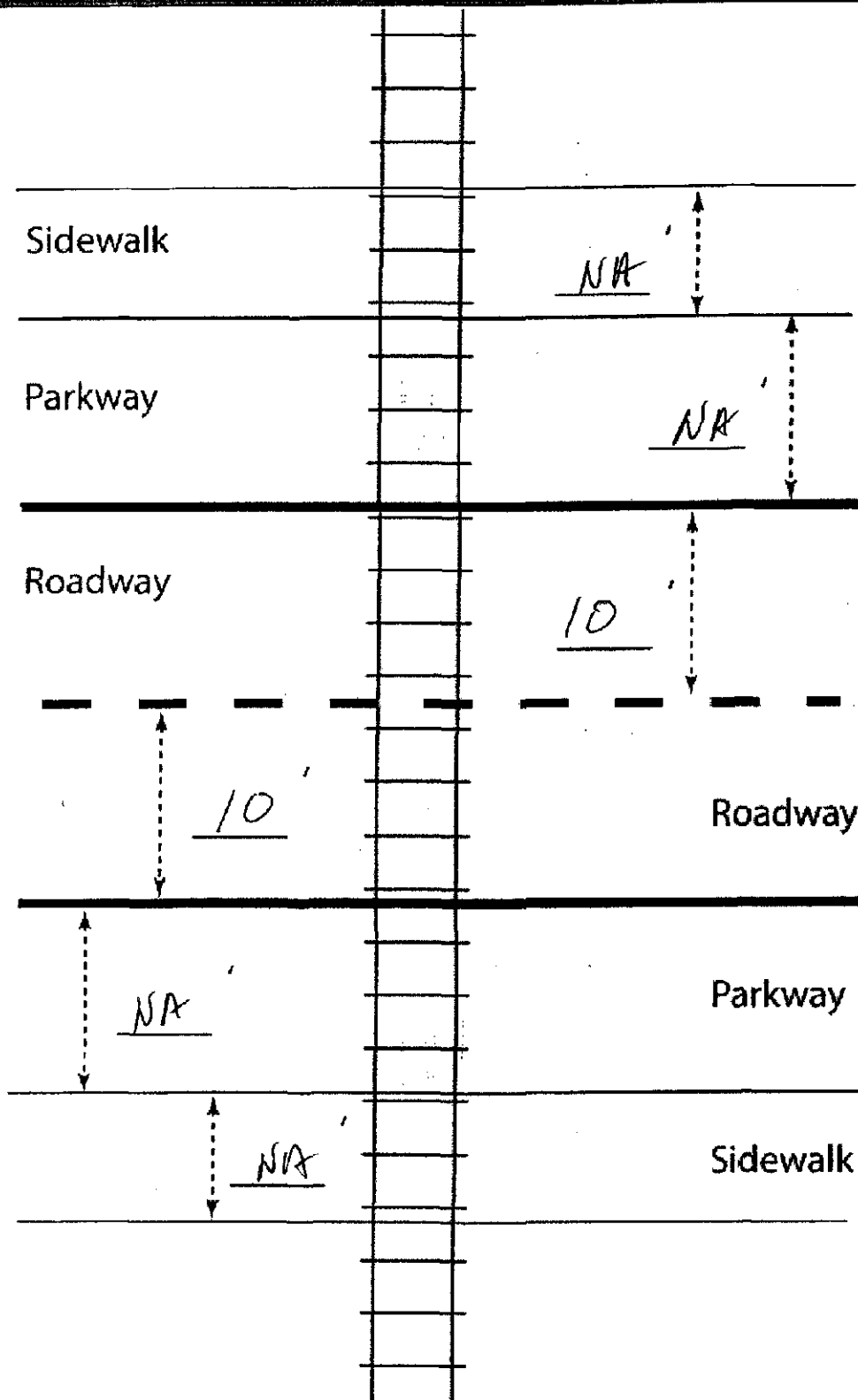
What other utilities are present? OH UTILITIES, UG CABLE, UG GAS

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	
☐ AFLS / Gates / Cants	
☐ Upgrade circuitry	
☐ Sidelights	
☐ Guardrail Needed	
☐ Install/Replace curb	
☐ Other (define)	
Comments:	
☐ Install/upgrade traffic signal preemption	
☐ No improvements needed	
☒ Other (define)	<u>UPGRADE DUE TO HAZARD INDEX</u>

Field Dimensions

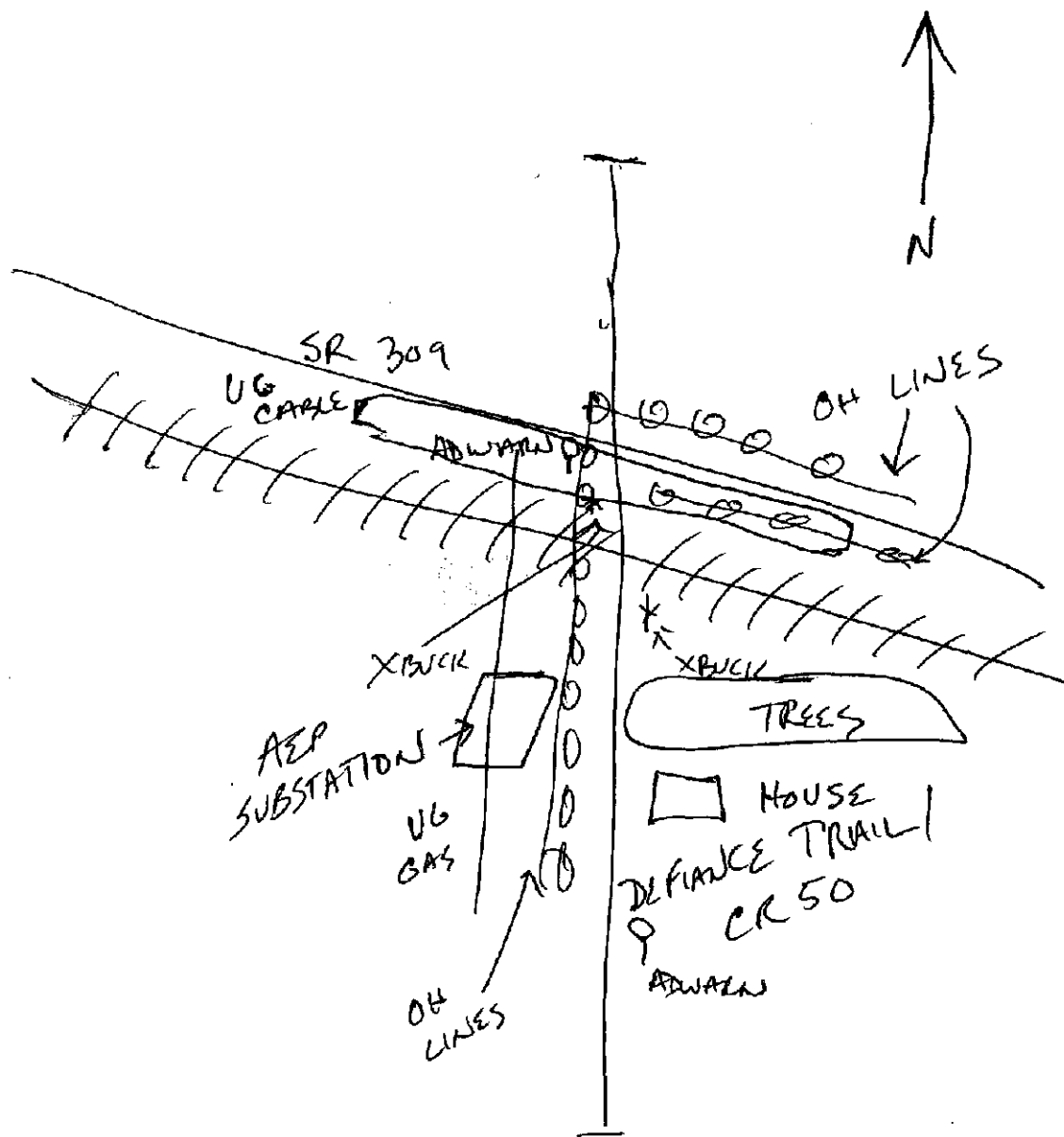


Show North
Direction

Crossing Angle ☐ 0-29° ☐ 30-59° ☒ 60-90° Measured in SE Quadrant?

Measurements by GM

Field Sketch



Crossing Angle ☐ 0-29° ☐ 30-59° ☒ 60-90° Measured in SE Quadrant?

Sketch by: CM

TABLE 1

Clearing Sight Distances

Maximum Authorized Train Speed	Distance (dT) Along Railroad from Crossing (ft)
1 - 10	240
15	360
20	480
25	600
30	720
35	840
40	960
45	1080
50	1200
55	1320
60	1440
65	1560
70	1680
75	1800
80	1920
85	2040
90	2160

Source: R-H Grade Crossing Handbook Table 36 (pp. 132-133)

Notes:

All calculated distances are rounded up to the next higher 5-foot increment.

Distances indicated are for 65-ft double bottom semi-tractor trailers and level single track 90 degree crossings; and may need to be adjusted for multiple tracks, skewed crossings or approaches on grades.

Clearing Sight Distance is to be measured in each vehicle travel direction at non-gated crossings as viewed from a point 25 feet from centerline of nearest track in the center of whichever travel lane is nearest the direction along track being measured.

Table 2

Stopping Sight Distances

Highway Vehicle Speed	Distance (dH) Along Roadway from Crossing (ft)
0	n/a
5	50
10	70
15	105
20	135
25	180
30	225
35	280
40	340
45	410
50	490
55	570
60	660
65	760
70	865

Source: R-H Grade Crossing Handbook Table 36 (pp. 132-133)

Notes:

All calculated distances are rounded up to the next higher 5-foot increment.

Distances indicated are for 65-ft double bottom semi-tractor trailers on dry level pavements.

Stopping Sight Distance is to be measured on each roadway approach to crossing from stop bar.

ALLEN, CFE, DEFIANCE TR./CR 50, 532-738 X
20054005607

OHIO TRAFFIC CRASH REPORT

OH-1 (Rev. 10/99)

CRASH SEVERITY
1 FATAL 3 PDO
2 INJURY 4 UNKNOWN

PRIVATE
PROPERTY

HIT/SKID
1 NOT HIT/SKID
2 SKIDED
3 UNKNOVLED

PHOTOS
TAKEN

OH-2 OH-3 OH-1P OTHER
X

2005-22232 1

REPORTING AGENCY *

00200

ALLEN CO. SHERIFF'S DEPT.

02 02

90 = ANIMAL
91 = UNKNOWN

06022005

DAY OF WEEK

0728

THU

HAIL (OF CITY, VILLAGES OR TOWNSHIP) *

X

MARION

02

LAITUDE

LONGITUDE

CRASH OCCURRED ON
PREPARE CRASH LOCATION

N DEFIANCE TR.

TYPE LOC

1

TYPE LOCATION POINT USED
1 NAME STREET 3 NUMBERED ROUTE
2 NUMBERED STREET

LOCALITY/LOCATION

AT/REFERENCE

OSI REFERENCE

ON

PREPARE

REFERENCE

CONRAEL CROSSING #532738X

REF POINT

08

REFERENCE POINT USED
01 STATE LINE
02 INTERSECTION 2 STREETS
03 COUNTY LINE

04 HOUSE NUMBER
05 TOWNSHIP BOUNDARY
06 MILE POST
07 CORPORATION LINE

08 PLACE NAME/PO REFERENCE
09 DIRECTION
10 STREET OR ROUTE AND
REFERENCE

0102

NAME (LAST, FIRST, MIDDLE)

ADDRESS (STREET, CITY, STATE, ZIP CODE)

HOME PHONE #

WORK PHONE #

DL STATE DL #

LP STATE LP #

INJURED
TAKEN BY

1 NONE 4 OTHER
2 EMS 5 UNKNOWN
3 POLICE

TRANSPORTED BY

INJURED TAKEN TO

OWNER NAME (IF SAME, WRITE "SAME")

ADDRESS (STREET, CITY, STATE, ZIP CODE)

CHICAGO, FT. WAYNE + EASTERN RAILROAD

3010 S PONTIAC ST. FT. WAYNE, IN. 46803

YEAR

1965

MAKE

EMD

MODEL

GP35

COLOR

BLK/GRN

INSURANCE COMPANY

FORWARD SERVICE

OWNER PHONE #

260-4224820

OFFENSE CHARGED

OFFENSE DESCRIPTION

NAME (LAST, FIRST, MIDDLE)

0201 NEULAND, ADAM SCOTT

ADDRESS (STREET, CITY, STATE, ZIP CODE)

310 E. SUTHOFF ST. DELPHOS, OH. 45833

HOME PHONE #

WORK PHONE #

DL STATE DL #

OH 5L336913

LP STATE LP #

OH 136V4020

INJURED
TAKEN BY

1 NONE 4 OTHER
2 EMS 5 UNKNOWN
3 POLICE

TRANSPORTED BY

DELPHOS RESCUE

INJURED TAKEN TO

SRMC

OWNER NAME (IF SAME, WRITE "SAME")

ADDRESS (STREET, CITY, STATE, ZIP CODE)

NEULAND, KELLY R.

310 E. SUTHOFF ST. DELPHOS, OH. 45833

YEAR

1996

MAKE

FORD

MODEL

EXPLORER

COLOR

TAN

INSURANCE COMPANY

PROGRESSIVE

FORWARD SERVICE

ARMY'S

OWNER PHONE #

419-695-3005

OFFENSE CHARGED

OFFENSE DESCRIPTION

NAME (LAST, FIRST, MIDDLE)

HOME PHONE #

ADDRESS (STREET, CITY, STATE, ZIP CODE)

INJURED TAKEN BY
1 NONE 4 OTHER
2 EMS 5 UNKNOWN
3 POLICE

TRANSPORTED BY

INJURED TAKEN TO

NAME (LAST, FIRST, MIDDLE)

HOME PHONE #

ADDRESS (STREET, CITY, STATE, ZIP CODE)

INJURED TAKEN BY
1 NONE 4 OTHER
2 EMS 5 UNKNOWN
3 POLICE

TRANSPORTED BY

INJURED TAKEN TO

SATING POSITION

01 FRONT - LEFT (MC DRIVER)
02 FRONT - MIDDLE
03 FRONT - RIGHT
04 SECOND - LEFT (MC PASS)
05 SECOND - MIDDLE
06 SECOND - RIGHT
07 THIRD - LEFT
(MC PASSENGER/SEAT CAP)
08 THIRD - MIDDLE
09 THIRD - RIGHT
10 SEATED SECTION OF CAB
11 ENCLOSED CARGO AREA
12 UNENCLOSED CARGO AREA
13 TRAILING UNIT
14 EXTERIOR
15 OTHER
16 NON-MOTORIST
17 UNKNOWN

SAFETY EQUIPMENT

01 NONE USED
02 SHIRT/NECK BELT ONLY
03 LAP BELT ONLY
04 SHOULDER/LAP BELT
05 CHILD SAFETY SEAT
06 MC HELMET USED
07 USE UNKNOWN
NON-RECORDIST
08 NONE USED
09 HELMET USED
10 PROTECTIVE PADS
11 REFLECTIVE CLOTHING
12 LIGHTING
13 OTHER
14 UNKNOWN

AIR BAG

1 NOT DEPLOYED
2 DEPLOYED-FRONT
3 DEPLOYED-SIDE
4 DEPLOYED BOTH
FRONT/SIDE
5 NOT APPLICABLE
6 UNKNOWN

AIR BAG SWITCH

1 NOT PRESENT
2 IN ON POSITION
3 IN OFF POSITION
4 UNKNOWN

EJECTION

1 NOT EJECTED
2 TOTALLY EJECTED
3 PARTIALLY EJECTED
4 NOT APPLICABLE
5 UNKNOWN

TRAPPED

1 NOT TRAPPED
2 EJECTED BY
MECHANICAL
MEANS
3 FREED BY
NON-MECHANICAL
MEANS
4 UNKNOWN

INJURIES

1 NO INJURY
2 POSSIBLE
3 NON-
RECAPACITATING
4 RECAPACITATING
5 FATAL INJURY
6 UNKNOWN

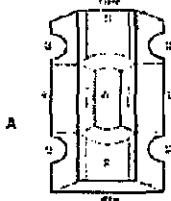
FARS

JUN 16 2005

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WITNESS

HSY7001

TOP COPY - ODPB BOTTOM COPY - AGENCY

UNIT NUMBERS	DATA Z AREA	PRE-CRASH ACTIONS	SEQUENCE OF EVENTS	POSTED SPEED	DRUG TEST STATUS
01 02	 	01 01 MOTORIST 01 MOVEMENTS ESSENTIALLY STRAIGHT AHEAD 02 BACKING 03 CHANGING LANES 04 OVERTAKING/PASSING 05 TURNING RIGHT 06 TURNING LEFT 07 MAKING U-TURN 08 ENTERING TRAFFIC LANE 09 LEAVING TRAFFIC LANE 10 PARKED 11 STOPPED/STOPPED IN TRAFFIC 12 DRIVERLESS 13 OTHER 14 UNKNOWN NON-MOTORIST 15 ENTERING/CROSSING IN SPECIFIED LOCATION 16 WARNING, REMINDING, JOGGING, PLACING CYCLING 17 WARNING 18 PUSHERS VEHICLE 19 APPROACHING/LEAVING VEHICLE 20 PLAYING/TINKERING ON VEHICLE 21 STANDING 22 OTHER 23 UNKNOWN	20 16 07 09 NON-COLLISION 01 OVERTAKING/LEAVING 02 FIRST EXPLANATION 03 INSURANCE 04 JACKSON 05 CARDS/EQUIPMENT LOSS/SHIFT 06 EQUIPMENT FAILURE 07 SEPARATION OF UNITS 08 RAN OFF ROAD RIGHT 09 RAN OFF ROAD LEFT 10 CROSS MEDIAN/COUNTERLAPE 11 OTHER: RUNAWAY 12 OTHER NON-COLLISION 13 UNKNOWN NON-COLLISION COLLISION W/PERSON, VEHICLE, OR OBJECT NOT FILLER 14 PEDESTRIAN 15 PEDESTRIAN 16 RAILWAY VEHICLE 17 ANIMAL - FARM 18 ANIMAL - DRAIN 19 ANIMAL - OTHER 20 MOTOR VEHICLE IN TRANSPORT 21 PARKED MOTOR VEHICLE 22 WORK ZONE MAINTENANCE EQUIPMENT 23 OTHER MOVABLE OBJECT COLLISION WITH FIXED OBJECT 25 IMPACT AT UNLAWFUL/CRASH COMMON 26 RAILROAD OVERHEAD STRUCTURE 27 BRIDGE PIER OR ABUTMENT 28 BRIDGE PARAPET 29 BACK OF RAIL 30 GUARDRAIL FACE 31 GUARDRAIL END 32 MASON BARRIER 33 HIGHWAY TRAFFIC SIGN POST 34 OVERHEAD SIGN POST 35 LIGHT/UNKNOWN SUPPORT 36 UTILITY POLE 37 OTHER POST, POLE OR SUPPORT 38 CULVERT 39 CURB 40 DITCH 41 EXCAVATION 42 FENCE 43 MAILBOX 44 TREE 45 OTHER FIXED OBJECT 46 WORK ZONE MAINTENANCE EQUIPMENT 47 UNKNOWN FIXED OBJECT 48 OTHER 49 UNKNOWN	40 55 TRAFFIC CONTROL 01 NO CONTROLS 02 STOP SIGN 03 YIELD SIGN 04 TRAFFIC SIGNAL 05 TRAFFIC FLASHERS 06 SCHOOL ZONE 07 RAILROAD CROSSINGS 08 RAILROAD FLASHERS 09 RAILROAD GATES 10 CONSTRUCTION BARRICADE 11 POLICE OFFICER 12 PAYMENT MARKINGS 13 CROSSWALK LINES 14 WALK/DO NOT WALK SIGNAL 15 TRAFFIC CONTROL DEVICE 16 OTHER	1 1 1 NONE 2 TEST REFUSED 3 TEST GIVEN, CONTAMINATED SAMPLE/UNUSABLE 4 TEST GIVEN, RESULTS KNOWN 5 TEST GIVEN, RESULTS UNKNOWN 6 UNKNOWN DRUG TEST TYPE 1 1 1 NONE 2 BLOOD 3 URINE 4 OTHER DRUG TEST 1&2 RESULT 1 1 1 1 1 NONE 2 MARIJUANA 3 COCAINE 4 AMPHETAMINE 5 PCP 7 OTHER 8 UNKNOWN AT TIME OF REPORTING
29 06	01 05 MOTORIST 01 SIZE - COMPACT 02 CONTACT 03 NO SIZE 04 FULL SIZE 05 MEDIUM 06 SPORT UTILITY VEHICLE 07 PICKUP 08 PASSENGER 09 SINGLE UNIT TRUCK: 2 AXLES, 6 TIRES 10 SINGLE UNIT TRUCK: 3+ AXLES 11 TRUCK/TRACTOR 12 TRUCK/TRACTOR (BOATL) 13 TRACTOR/SEMI-TRAILER 14 TRACTOR/DOUBLE SHORT 15 TRACTOR/DOUBLE LONG 16 FIVE WHEEL ON CENTER DOLLY 17 TRACTOR/TRACTOR 18 MOTORCYCLE 19 MOTORCYCLE/BICYCLE 20 SCHOOL BUS 21 CHURCH BUS 22 PUBLIC BUS 23 OTHER BUS 24 POLICE VEHICLE 25 FIRE TRUCK 26 AMBULANCE/RESCUE 27 TAXI 28 MOTOR HOME 29 TRAILER 30 FARM VEHICLE 31 FARM EQUIPMENT 32 SNOWMOBILE 33 CONSTRUCTION EQUIPMENT 34 ALL OTHERS NON-MOTORIST 35 ANIMAL W/DRIVER 36 ANIMAL W/DRIVER 37 BICYCLE 38 PEDESTRIAN 39 PEDESTRIAN 40 SKATER 41 OTHER-NON-MOTORIST 42 UNKNOWN IN EMERGENCY RESPONSE 1 1 1 NO 2 YES 3 UNKNOWN DAMAGE SCALE 1 5 1 NONE 2 NON-FUNCTIONAL DAMAGE 3 FUNCTIONAL DAMAGE 4 DISABLING DAMAGE 5 SEVERE 6 UNKNOWN	01 05 CONTRIBUTING CIRCUMSTANCES 01 02 MOTORIST 01 NONE 02 FAILURE TO YIELD 03 RAN RED LIGHT, OR STOP SIGN 04 EXCEEDED SPEED LIMIT 05 UNLAWFUL TURN 06 IMPROPER TURN 07 LEFT OF CENTER 08 FOLLOWED TOO CLOSELY (NACDA) 09 IMPROPER LANE CHANGING 10 DROVE OFF ROAD/INADVERTENT PASSING 11 IMPROPER START FROM PARKED POSITION 12 STOPPED OR PARKED ILLEGALLY 13 OPERATING VEHICLE IN ERRATIC, RECKLESS, CARELESS, NEGLIGENCE OR AGGRESSIVE MANNER 14 SWAYING TO AND FRO (DUE TO WIND, SLIPPERY SURFACE, VEHICLE, OBJECT, NON-MOTORIST IN ROADWAY, ETC.) 15 FAILURE TO CONTROL 16 VISION OBSTRUCTION 17 DRIVER DISTRACTION 18 FATIGUE/ASLEEP 19 OPERATING DEFECTIVE EQUIPMENT 20 LOAD SHIFTS/FALLING/SPELLING 21 OTHER IMPROPER ACTION 22 UNKNOWN NON-MOTORIST 23 NONE 24 IMPROPER CROSSING 25 DRIVING 26 LYING AHEAD ILLEGALLY IN ROADWAY 27 FAILURE TO YIELD RIGHT OF WAY 28 NOT VISIBLE (DARK CLOTHING) 29 DISTRACTION 30 FAILURE TO OBEY TRAFFIC SIGNS, SIGNALS, OR OFFICER 31 WRONG SIDE OF THE ROAD 32 OTHER 33 UNKNOWN VEHICLE EFFECT CODE ONLY IF "19" SELECTED ABOVE STRIKING VEHICLE OVERSIDE/ UNDERCARRIAGE 1 4 1 NON-CONTACT 2 NON-COLLISION 3 STRUCK 4 STRUCK 5 BOTH STRUCK AND STRUCK 6 UNKNOWN ACTION 3 4 1 NON-CONTACT 2 NON-COLLISION 3 STRUCK 4 STRUCK 5 BOTH STRUCK AND STRUCK 6 UNKNOWN DAMAGE SCALE 1 5 1 NONE 2 NON-FUNCTIONAL DAMAGE 3 FUNCTIONAL DAMAGE 4 DISABLING DAMAGE 5 SEVERE 6 UNKNOWN	01 02 CONTRIBUTING CIRCUMSTANCES 01 02 MOTORIST 01 NONE 02 FAILURE TO YIELD 03 RAN RED LIGHT, OR STOP SIGN 04 EXCEEDED SPEED LIMIT 05 UNLAWFUL TURN 06 IMPROPER TURN 07 LEFT OF CENTER 08 FOLLOWED TOO CLOSELY (NACDA) 09 IMPROPER LANE CHANGING 10 DROVE OFF ROAD/INADVERTENT PASSING 11 IMPROPER START FROM PARKED POSITION 12 STOPPED OR PARKED ILLEGALLY 13 OPERATING VEHICLE IN ERRATIC, RECKLESS, CARELESS, NEGLIGENCE OR AGGRESSIVE MANNER 14 SWAYING TO AND FRO (DUE TO WIND, SLIPPERY SURFACE, VEHICLE, OBJECT, NON-MOTORIST IN ROADWAY, ETC.) 15 FAILURE TO CONTROL 16 VISION OBSTRUCTION 17 DRIVER DISTRACTION 18 FATIGUE/ASLEEP 19 OPERATING DEFECTIVE EQUIPMENT 20 LOAD SHIFTS/FALLING/SPELLING 21 OTHER IMPROPER ACTION 22 UNKNOWN NON-MOTORIST 23 NONE 24 IMPROPER CROSSING 25 DRIVING 26 LYING AHEAD ILLEGALLY IN ROADWAY 27 FAILURE TO YIELD RIGHT OF WAY 28 NOT VISIBLE (DARK CLOTHING) 29 DISTRACTION 30 FAILURE TO OBEY TRAFFIC SIGNS, SIGNALS, OR OFFICER 31 WRONG SIDE OF THE ROAD 32 OTHER 33 UNKNOWN VEHICLE EFFECT CODE ONLY IF "19" SELECTED ABOVE STRIKING VEHICLE OVERSIDE/ UNDERCARRIAGE 1 4 1 NON-CONTACT 2 NON-COLLISION 3 STRUCK 4 STRUCK 5 BOTH STRUCK AND STRUCK 6 UNKNOWN ACTION 3 4 1 NON-CONTACT 2 NON-COLLISION 3 STRUCK 4 STRUCK 5 BOTH STRUCK AND STRUCK 6 UNKNOWN DAMAGE SCALE 1 5 1 NONE 2 NON-FUNCTIONAL DAMAGE 3 FUNCTIONAL DAMAGE 4 DISABLING DAMAGE 5 SEVERE 6 UNKNOWN	34 21 DIRECTION 1 NORTH 2 SOUTH 3 EAST 4 WEST 5 NORTHEAST 6 NORTHWEST 7 SOUTHEAST 8 SOUTHWEST 9 UNKNOWN CONDITION 1 1 1 APPARENTLY NORMAL 2 PHYSICAL IMPAIRMENT 3 EMOTIONAL 4 LUNGS 5 BELL ASLEEP, FANTASY, FANTASY, ETC. 6 UNDER THE INFLUENCE OF MEDICATION/DRUGS/ALCOHOL 7 OTHER 8 UNKNOWN ALCOHOL/DRUG SUSPECTED 1 1 1 NONE 2 YES - ALCOHOL SUSPECTED 3 YES - HDD NOT IMPAIRED 4 YES - DRUGS SUSPECTED 5 YES - ALCOHOL/DRUGS SUSPECTED 6 UNKNOWN ALCOHOL TEST STATUS 1 1 1 NONE 2 TEST REFUSED 3 TEST GIVEN, CONTAMINATED SAMPLE/UNUSABLE 4 TEST GIVEN, RESULTS KNOWN 5 TEST GIVEN, RESULTS UNKNOWN 6 UNKNOWN ALCOHOL TEST TYPE 1 1 1 NONE 4 BREATH 5 OTHER ALCOHOL TEST RESULT 1 1 1 NONE 2 BLOOD 3 URINE 4 OTHER 5 OTHER 6 OTHER 7 OTHER 8 UNKNOWN AT TIME OF REPORTING	

2005-22232

Narrative

UNIT #1 WAS WESTBOUND ON CONRAIL RAILROAD TRACKS APPROXIMATELY CROSSING #532738X. UNIT #2 WAS NORTHBOUND ON DEFANCE TL. APPROACHING THE SAME CROSSING. UNIT #2 FAILED TO YIELD TO THE WESTBOUND UNIT #1 CAUSING UNIT #1 TO STRIKE UNIT #2 IN THE RIGHT-REAR.

PHOTO REFERENCE: ALLEN CO. SHERIFF'S DEPT.
IDENTIFICATION BUREAU

MANNER OF COLLISION OR IMPACT ☒ 6 1 NO COLLISION BETWEEN TWO VEHICLES IN TRANSPORT 2 REAR-END 3 HEAD-ON 4 REAR-TO-REAR 5 BACKING 6 SIDE-ON 7 SIDEWIDE, SAME DIRECTION 8 SIDEWIDE, OPPOSITE DIRECTION 9 UNKNOWN	SCHOOL BUS RELATED ☒ 1 1 NO 2 YES, DRAFULLY INVOLVED 3 YES, REARFULLY INVOLVED 4 UNKNOWN
WEATHER ☒ 01 01 CLEAR 02 CLOUDY 03 FOG, SMOG, SMOKE 04 RAIN 05 SLEET, HAIL (FREEZING RAIN DRIZZLE) 06 SNOW 07 SEVERE CROSSWINDS 08 BLOWING SAND, SOIL, DUST, SNOW 09 OTHER 10 UNKNOWN	WORK ZONE RELATED ☒ 1 1 NO 2 YES 3 UNKNOWN
LIGHT CONDITIONS ☒ 1 ☐ 2 1 DAYLIGHT 2 DAWN 3 DUSK 4 DARK - LIGHTED ROADWAY 5 DARK - NOT LIGHTED 6 DARK - UNKNOWN LIGHTING 7 GLARE 8 OTHER 9 UNKNOWN	TYPE OF WORK ZONE ☐ 1 1 LANE CLOSURE 2 LANE SHIFT/CROSSOVER 3 WORK ON SHOULDER OR MEDIAN 4 INTERMITTENT MOVING WORK 5 OTHER
	LOCATION OF CRASH IN WORK ZONE ☐ 1 1 BEFORE FIRST WORK ZONE WARNING SIGN 2 ADVANCE WARNING AREA 3 TRAVEL AREA 4 ACTIVITY AREA
	WORKERS PRESENT ☐ 1 ☐ 2 ☐ 3 1 NO 2 YES 3 UNKNOWN

Diagram

- SEE OH-2



Write an "N" on the compass diagram to indicate the direction of north.

Truck/Bus

THE CRASH INVOLVED ONE OR MORE OF THE FOLLOWING:
A TRUCK (MOTOR VEHICLE) WITH A GVWR MORE THAN 10,000 POUNDS; OR
A TRUCK (MOTOR VEHICLE) WITH A HAZARDOUS MATERIALS PLACARD; OR
A BUS DESIGNED TO CARRY AT LEAST 8 PERSONS, INCLUDING DRIVER.

THE CRASH RESULTED IN ONE OR MORE OF THE FOLLOWING:
A FATALITY; OR
AN INJURY REQUIRING TRANSPORTATION FOR IMMEDIATE MEDICAL TREATMENT; OR
AT LEAST ONE VEHICLE WAS TOWED DUE TO DISABLING DAMAGE OR REQUIRED INTERVENEING ASSISTANCE BEFORE PROCEEDING UNDER ITS OWN POWER.

COMPANY (FROM SHIPPING PAPERS)

COMPANY PHONE

ADDRESS (STREET, CITY, ST, ZIP CODE)

US DOT

ICC MC

PUCO

TRAILER LP ST

TRAILER LP YEAR

TRAILER LP #

CARGO BODY TYPE

01 NOT APPLICABLE
02 BUS (9-15 INCLUDING DRIVER)
03 VAN/ENCLOSED BOX
04 GRABBER/STRAVEL

05 POLE
06 CARGO TANK
07 FLATBED
08 DUMP

09 CONCRETE MIXER
10 AUTO TRANSPORTER
11 GARAGE/REFUSE
12 OTHER
13 UNKNOWN

Weight (GVWR)

1 LESS THAN 10,000
2 10,001 - 26,000
3 MORE THAN 26,000

CDL Class

1 CLASS A
2 CLASS B
3 CLASS C
4 CLASS M
5 CLASS D

Hazardous Materials Placard

1 NO
2 YES
3 UNKNOWN

Hazardous Material Released

1 NO
2 YES
3 NOT APPLICABLE
4 UNKNOWN

Police Action

060220050728	0728	0732	0947	75	2, 2
OFFICER'S NAME		ENROUTE BY		DATE REPORT FILED	
DIP. J. L. DEATON		358		06022005	
REPORT TAKEN BY	1 POLICE AGENCY 2 MOTORIST	REPORT TAKEN AT	1 SCENE 2 STATION 3 OTHER	2005-22232	

from PUCO DATABASE

Incident Record Number 3490		
Reporting/Operating Railroad	Chicago Ft Wayne & Eastern	FRA 1a
RR Accident/Incident Number	IX05326	FRA 1b
Other Railroad Involved		FRA 2a
Other RR Accident/Incident Number		FRA 2b
Maintenance Railroad	Chicago Ft Wayne & Eastern	FRA 3a
Maint. RR Accident/Incident Number	IX05326	FRA 3b
Structure/USDOT and Type	532738X X - Highway Grade Crossing	FRA 4
	☒ Check for Public At-grade Railroad Crossing	FRA 12
Date and Time of Incident	6/2/2005 7:30:00 AM	FRA 5,6
Type of Incident	8 - RR Grade Crossing	
PUCO Reference Number		
Accident/Incident Location		
Nearest Time Table Station	DELPHOS	FRA 7
Railroad Division	PITTSBURGH	FRA 8
County	ALLEN	FRA 9
State	OHIO	FRA 10
Nearest City	DELPHOS	FRA 11
Highway Name or No.	CR50/DEFIANCE TRAIL	FRA 12
PUCO Line Number	001	
Mile Post	271.18	
Comments		
Highway User/Rail Equipment Involved		
Type of Vehicle	Auto	FRA 13
Vehicle Speed (MPH)	5	FRA 14
Vehicle Direction	N - North	FRA 15
Position of Highway User	3 - Moving Over Crossing	FRA 16
Equipment Type	Train (units pulling)	FRA 17
Position of Car Unit in Train	1	FRA 18
Circumstance	1 - Rail Equipment Struck Highway User	FRA 19
Hazardous Materials		
Hazmat Involved?	4 - Neither	FRA 20a
Hazmat Released By	4 - Neither	FRA 20b
Hazmat Description		FRA 20c

Hazmat Quantity		FRA 20c
# Cars Carrying Hazmat		
# Hazmat Cars Damaged		
# Cars Releasing Hazmat		
# of People Evacuated		

Accident/Incident Cause		
Primary Cause (and code)	3	H12
Secondary Cause (and code)		

Environmental Factors		
Temp (F)	60	FRA 21
Visibility	2 - Day	FRA 22
Weather	1 - Clear	FRA 23

Detailed Accident Account	
A 1996 Ford Explorer was traveling northbound on Defiance Trail Rd at 7:30am, behind a van also traveling northbound. The 1996 Ford Explorer followed closely behind the van, the van crossed the tracks and the 1996 Ford Explorer was struck by the westbound train. The train was westbound at 40 mph with the bell and whistle sounding and headlights on. The driver of the Ford Explorer was Adam Newland the only occupant in the Ford Explorer. Adam Newland was unrestricted, was removed and transported by Delphos Fire & Rescue to St Rita's Medical Center Emergency Department and was pronounced deceased at 12:00pm June 3, 2005	
PUCO Inspector	JEG
Inspection Date	6/10/2005

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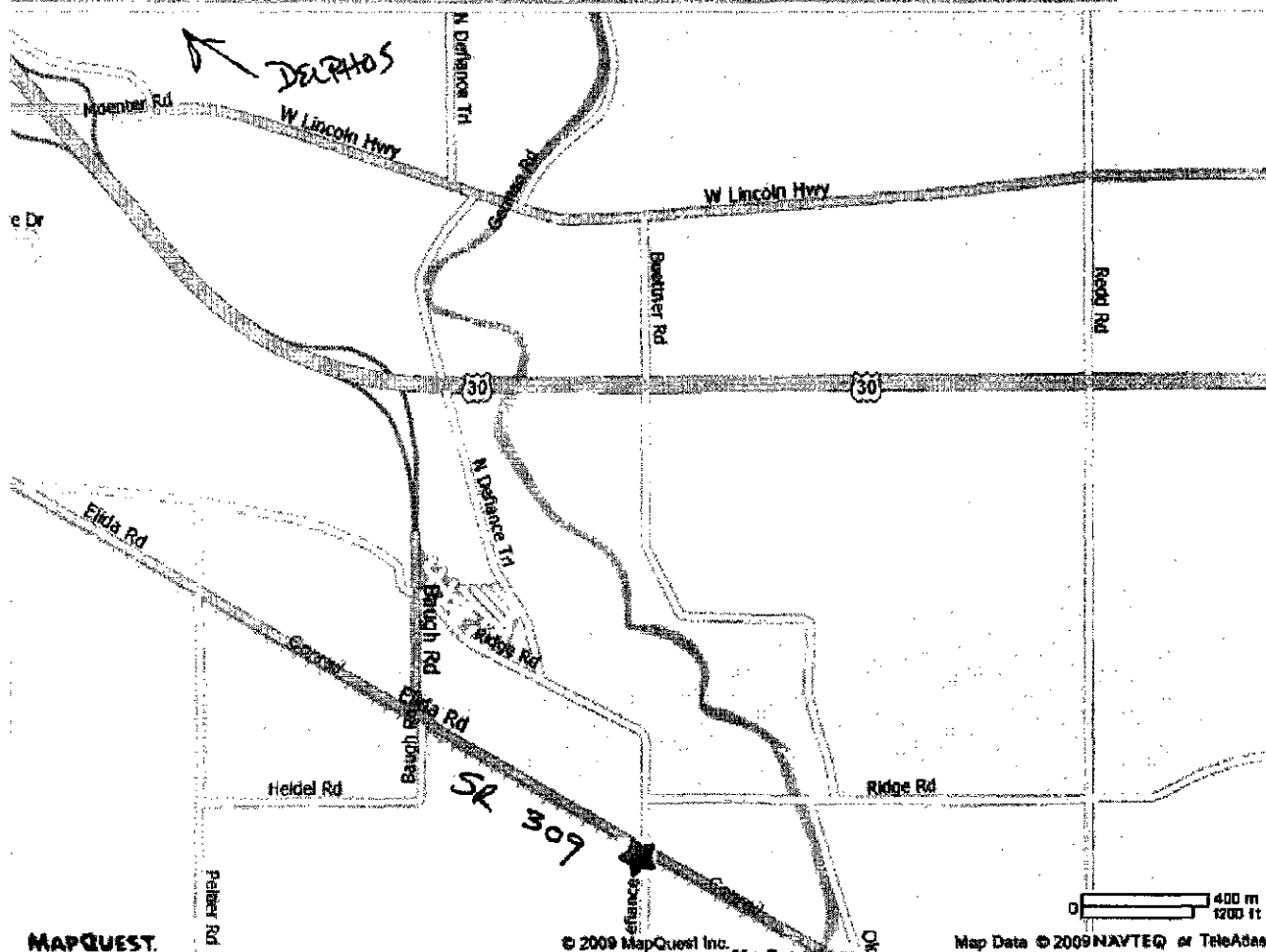
ALLEN, CFE
DEFIANCE TRAIL/CR 50
532-738 X

Maps Directions Yellow Pages Gas Prices

★ Latitude: 40.8216847
Longitude: -84.2818113



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FROM DEFIANCE TR.

75 N. TO EITTER

SR 309 OR US 30



Diagnostic Review Team Survey

Date: 7/22/09 1 PM

Location Data			
Street or Road Name: ADAMS STREET			
Route/Road Number (i.e. Twp., Co., SR or US)		(include SLM if State or US route)	
AAR-DOT No.: 513-424 A			
County: PERRY	Township: MONROE	City: (In or Near) CORNING	
Railroad Name: NS	Railroad Division: SEABOARD	Branch/Line Name: WEST VIRGINIA	
Nearest RR Timetable Station: CORNING		POCAHONTAS	
RR Milepost: 59.39 58.95			

On-Site Review Team			
(Include: Name - Organization - Phone Number)			
1.	GEORGE MARTIN	PVCO	614-752-9107
2.	Paul Parsons	ORDC	614-644-0306
3.	Caleb Payne	NS	740-646-9716
4.	Joe Mills	NS	540-834-6458
5.			
6.			
7.			
8.			
9.			
10.			

Existing Traffic Control Devices			
Type of Warning Devices	Installed?		Quantity/Comments
Advance Warning Signs	☒ Yes	☒ No	1
'Stop' Signs	☐ Yes	☒ No	
'Stop Ahead' Signs	☐ Yes	☒ No	
Pavement Markings	☐ Yes	☒ No	
Crossbucks	☒ Yes	☐ No	2 BUCKEYE
Number of Tracks Signs	☐ Yes	☒ No	
Inventory Tags	☒ Yes	☐ No	2
Interconnected Highway Traffic Signal	☐ Yes	☒ No	
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	
Sidewalk Gate Arms	☐ Yes	☒ No	
'No Turn' Signs	☐ Yes	☒ No	
Illumination	☐ Yes	☒ No	
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	1 - 3/12/08	
Hazard Ranking	201	Date Run: 6/30/09

Railroad Data

Railroad Characteristics	Initial Information (from database)	Revised
Total trains per day	6	
< 1 per day		
Day thru trains	2	OHIO CENTRAL RUNS 2 PER DAY
Night thru trains	2	
Daytime switching movements	8	
Nighttime switching movements	2	
Total number of tracks	1	
Number of main tracks	1	
Number of other tracks	0	
Maximum train speed	35	
Typical train speed		
Amtrak	NO	

If non-gated crossing, is clearing sight distance adequate in all quadrants? (See Table 1) ☒ Yes ☐ NoIf multiple tracks, can two trains occupy crossing at the same time? ☐ Yes ☒ NoCan one train block the motorists' view of another train at crossing? ☐ Yes (Explain below) ☒ NoAre 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 DataLocal Highway Authority: VILLAGE OF CORNING
(Who maintains this roadway?)

Roadway Characteristics	Initial Information (from database)	Revised
Average daily traffic	610 - 2004	
Highway paved	☒ Yes ☐ No	☐ Yes ☐ No
Roadway Surface: ☒ Blacktop ☒ Gravel ☐ Concrete ☐ Other _____		
Roadway width: 22 ft.		
Number of highway lanes	2	2
Urban or Rural?	RURAL	
Vehicle Speed: 25 MPH		
School Bus Operation: ☐ No ☐ Yes _____ Amount	UNKNOWN	
Hazardous Materials Trucks: ☐ No ☐ Yes _____ Amount	UNKNOWN	
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 _____ Curb and Gutter: ☐ Functional (Curb height = 4" or more) ☐ Non-functional (Curb height = Less than 4") ☒ None	Quadrant _____ Curb and Gutter: ☐ Functional (Curb height = 4" or more) ☐ Non-functional (Curb height = Less than 4") ☒ 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
☐ Industrial
☒ Residential | ☐ Institutional
☐ Commercial |
|--|---|

Location of nearby schools:

WITHIN ONE MILE

Utility Information

Is commercial power available? ☐ No ☒ Yes

Utility Provider (Company Name) ASP

Phone Number _____

Nearest Available Power Source AT XING

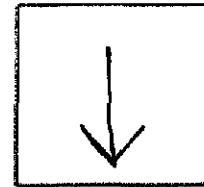
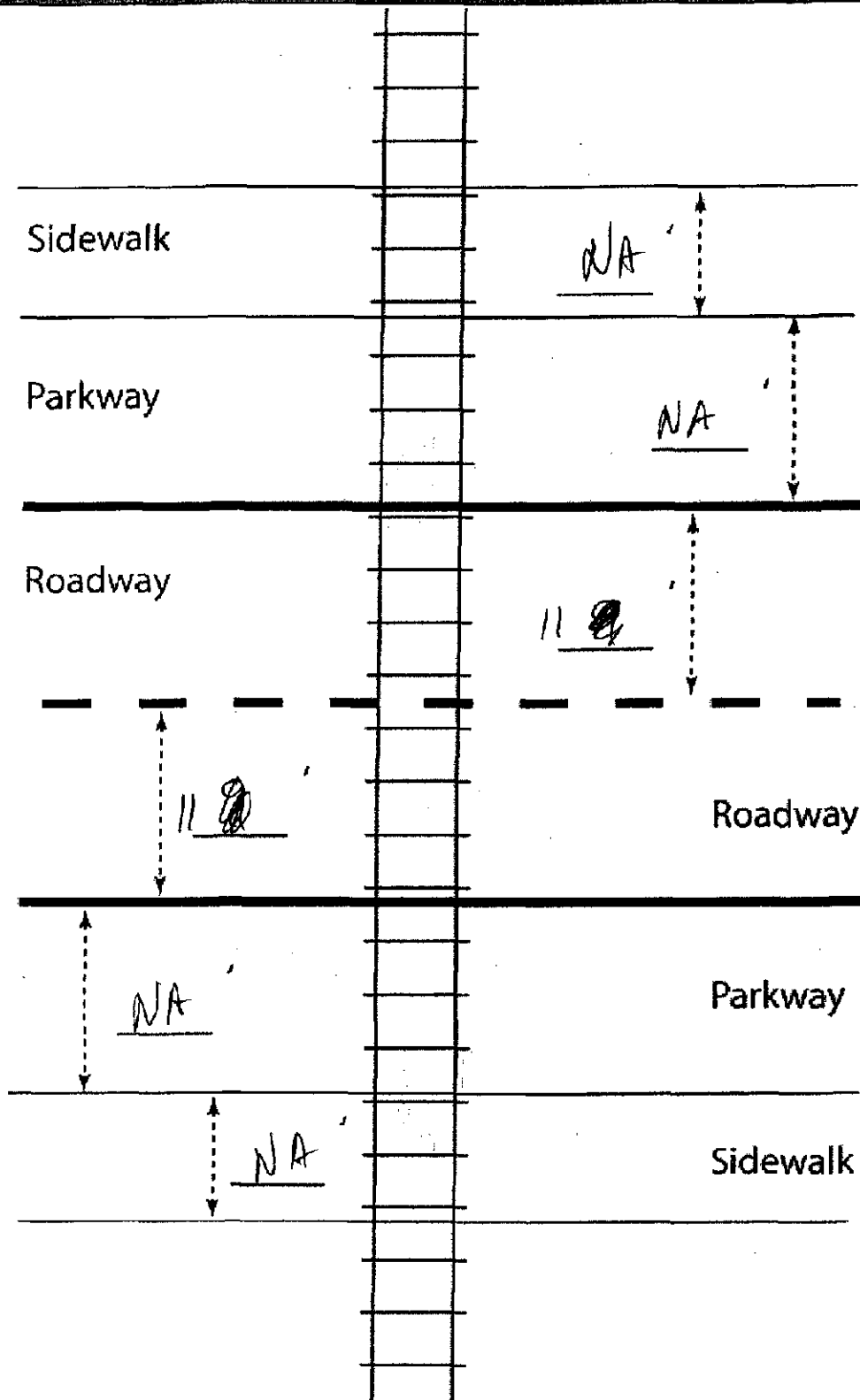
What other utilities are present? UNKNOWN

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	
☐ 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

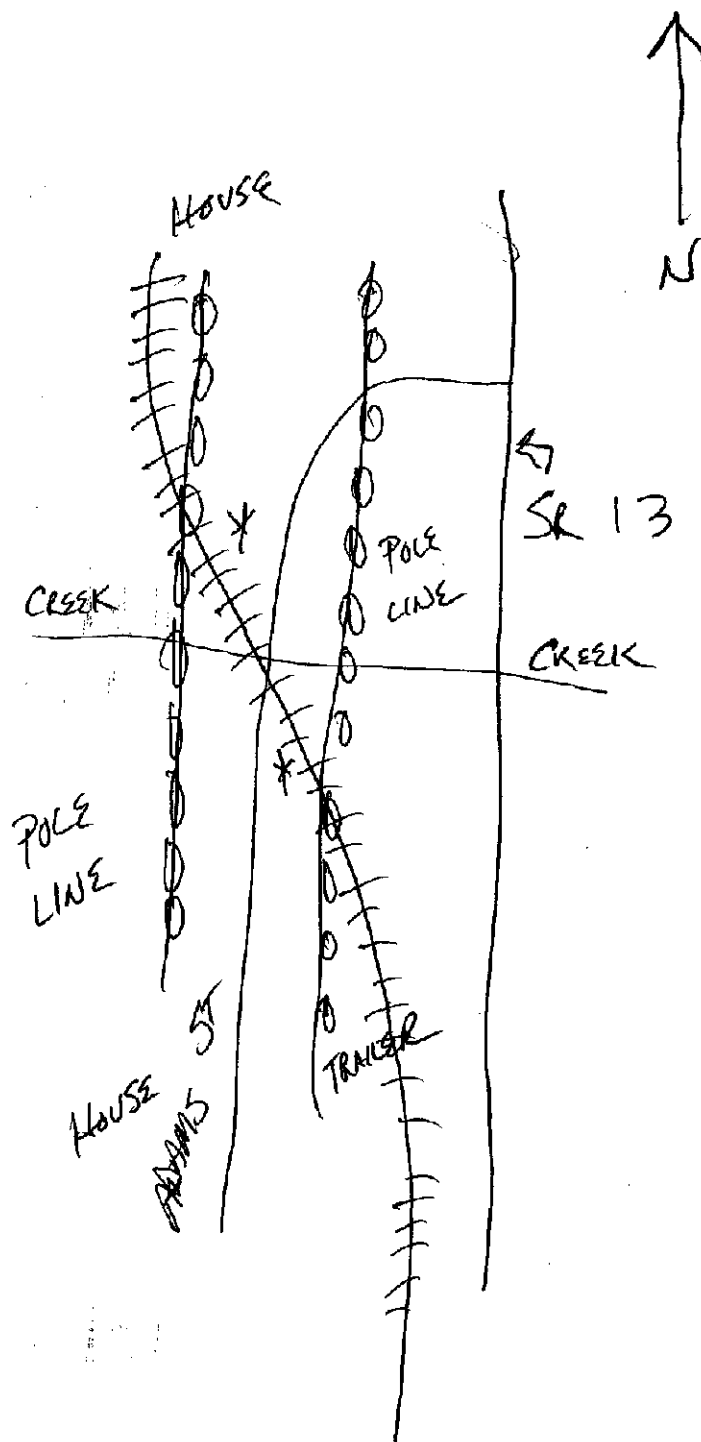


Show North
Direction

Crossing Angle ☐ 0-29° ☐ 30-59° ☒ 60-90° Measured in SE Quadrant?

Measurements by: Cam

Field Sketch



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

Sketch by: GM

TABLE 1

Clearing Sight Distances

Maximum Authorized Train Speed	Distance (dT) Along Railroad from Crossing (ft)
1 - 10	240
15	360
20	480
25	600
30	720
35	840
40	960
45	1080
50	1200
55	1320
60	1440
65	1560
70	1680
75	1800
80	1920
85	2040
90	2160

Source: R-H Grade Crossing Handbook Table 36 (pp. 132-133)

Notes:

All calculated distances are rounded up to the next higher 5-foot increment.

Distances indicated are for 65-ft double bottom semi-tractor trailers and level single track 90 degree crossings; and may need to be adjusted for multiple tracks, skewed crossings or approaches on grades.

Clearing Sight Distance is to be measured in each vehicle travel direction at non-gated crossings as viewed from a point 25 feet from centerline of nearest track in the center of whichever travel lane is nearest the direction along track being measured.

Table 2

Stopping Sight Distances

Highway Vehicle Speed	Distance (dH) Along Roadway from Crossing (ft)
0	n/a
5	50
10	70
15	105
20	135
25	180
30	225
35	280
40	340
45	410
50	490
55	570
60	660
65	760
70	865

Source: R-H Grade Crossing Handbook Table 36 (pp. 132-133)

Notes:

All calculated distances are rounded up to the next higher 5-foot increment.

Distances indicated are for 65-ft double bottom semi-tractor trailers on dry level pavements.

Stopping Sight Distance is to be measured on each roadway approach to crossing from stop bar.

OHIO

TRAFFIC CRASH REPORT



CRASH REPORT # 08- 1341	CRASH SEVERITY 2	PRIVATE PROPERTY ☐	HITS/KIP 1	PHOTOS TAKEN ☒	OH-3 OH-3 OH-1P OTHER ☐ ☐ ☐ ☐
N.C.T.C. # 06400	REPORTING AGENCY PERRY COUNTY SHERIFF'S OFFICE	# UNITS 2	UNIT ERROR 01	DATE OF CRASH 3/12/2008	

TIME OF CRASH 19:07	DAY OF WEEK Wed	CITY/VILLAGE/TOWNSHIP Village	NAME (OF CITY, VILLAGE OR TOWNSHIP) Corning	COUNTY # 64	LATITUDE	LONGITUDE
------------------------	--------------------	----------------------------------	--	----------------	----------	-----------

CRASH OCCURRED ON		TYPE LOCATION POINT USED		LOCAL INFORMATION	
PREFIX N	CRASH LOCATION Adams St.	TYPE LOC 1			

DIST. REF. 100 F	DR S	PREFIX	REFERENCE 246 Adams St.	REF POINT 04	REFERENCE POINT USED
---------------------	---------	--------	----------------------------	-----------------	----------------------

UNIT # A 01	# OF OCC 3	NAME (LAST, FIRST, MIDDLE) Westerviller Courtney L			
ADDRESS (STREET, CITY, STATE, ZIP-CODE) 12661 Twp. Rd. 469 Corning OH 43730					

DATE OF BIRTH 08/29/1983	AGE 24	SEX F	HOME PHONE # (740)347-4428	WORK PHONE # () - 740
-----------------------------	-----------	----------	-------------------------------	---------------------------

DL STAT OH	DL # SH188628	LP STATE OH	LP # DNA 5411	INJURED TAKEN BY 4	TRANSPORTED BY Med Flight	INJURED TAKEN TO Grant Hospital
---------------	------------------	----------------	------------------	-----------------------	------------------------------	------------------------------------

OWNER NAME (IF SAME, WRITE 'SAME') Dodson, Jason E.			OWNER ADDRESS (STREET, CITY, STATE, ZIP-CODE) 12661 Twp. Rd. 469 Corning OH 43730		
--	--	--	--	--	--

YEAR 2005	MAKE Ford	MODEL FOCUS	COLOR Black	INSURANCE COMPANY Statefarm	TOWING SERVICE Craig's Towing	OWNER PHONE# (740)347-4428
--------------	--------------	----------------	----------------	--------------------------------	----------------------------------	-------------------------------

OFFENSE CHARGED	OFFENSE DESCRIPTION	CITATION #	LOCAL CODE ☐
-----------------	---------------------	------------	--

UNIT # B 02	# OF OCC	NAME (LAST, FIRST, MIDDLE)			
ADDRESS (STREET, CITY, STATE, ZIP-CODE)					

SOCIAL SECURITY NUMBER	DATE OF BIRTH	AGE	SEX	HOME PHONE #	WORK PHONE #
------------------------	---------------	-----	-----	--------------	--------------

DL STAT	DL #	LP STATE	LP #	INJURED TAKEN BY	TRANSPORTED BY	INJURED TAKEN TO
---------	------	----------	------	------------------	----------------	------------------

OWNER NAME (IF SAME, WRITE 'SAME')			OWNER ADDRESS (STREET, CITY, STATE, ZIP-CODE)		
------------------------------------	--	--	---	--	--

YEAR	MAKE	MODEL	COLOR	INSURANCE COMPANY	TOWING SERVICE	OWNER PHONE#
------	------	-------	-------	-------------------	----------------	--------------

OFFENSE CHARGED	OFFENSE DESCRIPTION	CITATION #	LOCAL CODE ☐
-----------------	---------------------	------------	--

UNIT # C 01	NAME (LAST, FIRST, MIDDLE) Dodson Ali E.		HOME PHONE# (740)347-4428	DATE OF BIRTH 11/26/1999	AGE 8	SEX F
----------------	---	--	------------------------------	-----------------------------	----------	----------

ADDRESS (STREET, CITY, STATE, ZIP-CODE) 12661 Twp. Rd. 469 Corning OH 43730			INJURED TAKEN BY 4	TRANSPORTED BY Med Flight	INJURED TAKEN TO Nationwide Childrens Ho
--	--	--	-----------------------	------------------------------	---

UNIT # D 01	NAME (LAST, FIRST, MIDDLE) Dodson Lia		HOME PHONE# (740)347-4455	DATE OF BIRTH / /	AGE 6	SEX F
----------------	--	--	------------------------------	----------------------	----------	----------

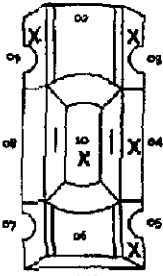
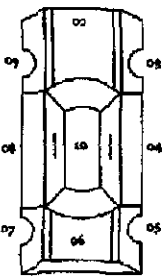
ADDRESS (STREET, CITY, STATE, ZIP-CODE) 12625 Twp. Rd. 469 Corning OH 43730			INJURED TAKEN BY 2	TRANSPORTED BY New Straitsville Squad	INJURED TAKEN TO Fairfield Medical Center
--	--	--	-----------------------	--	--

SEATING POSITION	SAFETY EQUIPMENT	AIR BAG	AIR BAG SWITCH	EJECTION	TRAPPED	INJURIES
A 01	A 04	A 1	A 4	A 1	A 1	A 3
B	B	B	B	B	B	B
C 06	C 04	C 1	C 4	C 1	C 1	C 4
D 05	D 03	D 1	D 4	D 1	D 1	D 3

BLANK FOR WITNESS	☐ SUPPLEMENT "X" IF YES					
-------------------	--	--	--	--	--	--

MOTORIST / NON-MOTORIST

OCCUPANT

UNIT NUMBER A 01 B ☐ NON-MOTORIST LOCATION A ☐ B ☐	DAMAGE AREA FRONT  REAR FRONT  REAR MOST DAMAGED AREA A 04 B ☐	PRE-CRASH ACTIONS A 01 B 01	SEQUENCE OF EVENTS <table border="1"> <tr> <td>A</td> <td>B</td> </tr> <tr> <td>1 16</td> <td>1 20</td> </tr> <tr> <td>2 ☐</td> <td>2 ☐</td> </tr> <tr> <td>3 ☐</td> <td>3 ☐</td> </tr> <tr> <td>4 ☐</td> <td>4 ☐</td> </tr> </table>	A	B	1 16	1 20	2 ☐	2 ☐	3 ☐	3 ☐	4 ☐	4 ☐	POSTED SPEED A 25 B ☐ TRAFFIC CONTROL A 07 B ☐	DRUG TEST STATUS A 1 B ☐ DRUG TEST TYPE A 1 B ☐ DRUG TEST 1 & 2 RESULT A 1 1 B ☐ ☐
A	B														
1 16	1 20														
2 ☐	2 ☐														
3 ☐	3 ☐														
4 ☐	4 ☐														
TYPE OF UNIT A 02 B 29	CONTRIBUTING CIRCUMSTANCES 02 B 01	DIRECTION FROM TO FROM TO A 8 5 B ☐ ☐	CONDITION A 1 B ☐	TYPE OF INTERSECTION 11	OCCURRENCE 1										
IN EMERGENCY RESPONSE A 1 B ☐	PORT OF IMPACT A 04 B ☐	FIRST HARMFUL EVENT A 1 B 1 MOST HARMFUL EVENT A 1 B 1	ALCOHOL/DRUG SUSPECTED A 1 B ☐ ALCOHOL TEST STATUS A 1 B ☐	ROAD CONTOUR 1	ROAD CONDITIONS PRIMARY 01 SECONDARY ☐										
DAMAGE SCALE A 5 B ☐	ACTION A 4 B ☐ STRIKING VEHICLE OVERRIDE/UNDERIDE A 1 B ☐	VEHICLE DEFECT CODE ONLY IF "V" SELECTED ABOVE A 12 B ☐	SPEED DETECTED A 1 B ☐ SPEED A 15 B ☐	ALCOHOL TEST TYPE A 1 B ☐ ALCOHOL TEST RESULT A ☐ B ☐											

☐ SUPPLEMENT
"X" IF YES

LOCAL REPORT #
08-1341

NARRATIVE

Unit 1 was traveling northeast on Adams St. in the area of 246 Adams St. Unit 1 was attempting to cross the railroad crossing and did not see the on coming train and was struck in the passenger side by the train. Unit 1 was pushed by the train 1360 ft down the track coming to a final rest in behind the residence of 6975 Adams St. All occupants of Unit 1 were transported from the scene to local hospitals.

MANNER OF COLLISION OR IMPACT ☒ 6		SCHOOL BUS RELATED ☒ 1		DIAGRAM											
		WORK ZONE RELATED ☒ 1													
WEATHER ☒ 01		TYPE OF WORK ZONE ☐													
LIGHT CONDITIONS PRIMARY ☒ 1 SECONDARY ☐		LOCATION OF CRASH IN WORK ZONE ☐													
		WORKERS PRESENT ☐													
TRUCK/BUS UNIT # 		AND													
COMPANY (FROM SHIPPING PAPERS)															
ADDRESS (STREET, CITY, ST, ZIP CODE)															
US DOT		ICC MC		PUCO		TRAILER LP ST.		TRAILER LP YEAR		TRAILER LP #		PLACARD #		# DA	
CARGO BODY TYPE 				WEIGHT (GVWR) 		CDL CLASS 		HAZARDOUS MATERIALS PLACARD 		HAZARDOUS MATERIALS PLACARD 					
POLICE ACTION															
DATE CRASH REPORTED 3/12/2008			TIME REC CALL 19:10		DISPATCH 19:21		ARRIVED 21:40		CLEARED 23:30		OTHER 90		TOTAL MINUTES 339		
OFFICER'S NAME PAT CORDER					BADGE # 6409		CHECKED BY 			DATE REPORT FILED 3/12/2008					
REPORT TAKEN BY ☒ 1		REPORT TAKEN AT ☒ 1		☐ SUPPLEMENT 'X' IF YES				LOCAL REPORT # 08- 1341							



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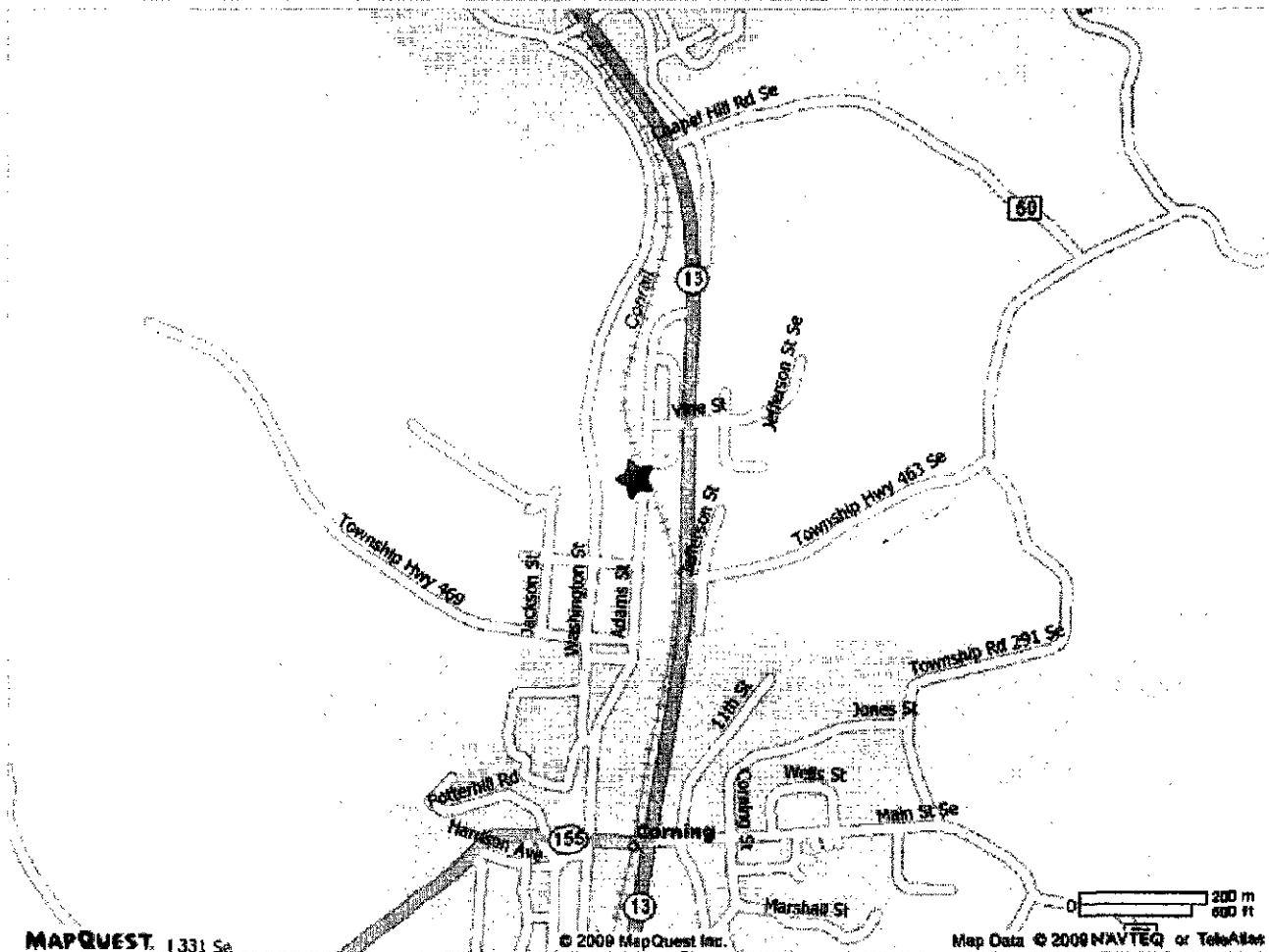
Maps Directions Yellow Pages Gas Prices

★ Latitude: 39.6086619
Longitude: -82.0881084

PERRY, N.S.
ADAMS ST
513.424A



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From PLEASANT VALLEY -
77 S TO 70 W
TO SR 13 S



Diagnostic Review Team Survey

Date: 7/29/09 1030 AM

Street or Road Name: WEST MILLGROVE ROAD			
Route/Road Number (i.e. Twp., Co., SR or US) TR 36 (include SLM if State or US route)		AAR-DOT No.: 228800V	
County: WOOD	Township: PERRY	City: (In or Near) WEST MILLGROVE	
Railroad Name: CSX	Railroad Division: APPALACHIAN	Branch/Line Name: PEMBERVILLE	
Nearest RR Timetable Station: FOSTORIA		RR Milepost: CD 93.76	

On-Site Review Team

(Include: Name - Organization - Phone Number)

1. GEORGE MARTIN PUCO 614-752-9107
2. GENE STODOLNICK PERRY TWP. 419-619-0812
3. DEAN BRINGMAN PERRY TWP 419-619-1483
4. JOEL DARGUS GRDC 614 644 0306
5. DAN BRINGMAN PERRY TWP 419-619-1423
6. LEWIS STEARNS PERRY TWP 419-454-6435
7. JIM ALLARDING CSX 419 618-1847
8. RAY HUBER WOOD CO. ENG. 419-354-9060
9. GARY BRITTON WOOD CO. ROAD SUPER 419-260-7299
10. _____

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	
Crossbucks	☒ Yes	☐ No	2 BUCKETS
Number of Tracks Signs	☒ Yes	☐ No	2
Inventory Tags	☒ Yes	☐ No	1
Interconnected Highway Traffic Signal	☐ Yes	☒ No	
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	
Sidewalk Gate Arms	☐ Yes	☒ No	
'No Turn' Signs	☐ Yes	☒ No	
Illumination	☒ Yes	☒ No	1 EAST SIDE OF CROSSING
Is crossing flagged by train crew?	☐ Yes	☒ No	
Other	☒ Yes	☐ No	HUBER CROSSING

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

	Initial Information (from database)	Revised
Number & dates of crashes in previous 5 years	1 - 1/21/09	
Hazard Ranking	53	Date Run: 6/30/09

Railroad Data

Railroad Characteristics	Initial Information (from database)	Revised
Total trains per day	32	
< 1 per day		
Day thru trains	15	
Night thru trains	14	
Daytime switching movements	3	
Nighttime switching movements	0	
Total number of tracks	2	
Number of main tracks	2	
Number of other tracks	0	
Maximum train speed	50	
Typical train speed		
Amtrak	NO	

If non-gated crossing, is clearing sight distance adequate in all quadrants? (See Table 1) ☒ Yes ☐ No (1200')

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:
(Who maintains this roadway?)

PERCY TOWNSHIP

Roadway Characteristics	Initial Information (from database)	Revised
Average daily traffic	312 - 2007	
Highway paved	☒ Yes ☐ No	☒ Yes ☐ No
Roadway Surface: ☒ Blacktop ☐ Gravel ☐ Concrete ☐ Other _____		
Roadway width: 20 ft.		
Number of highway lanes	2	2
Urban or Rural?	RURAL	RURAL
Vehicle Speed: 55 MPH		
School Bus Operation: ☐ No ☒ Yes 4 Amount		
Hazardous Materials Trucks: ☐ No ☒ Yes _____ Amount		PROPANE, ANHYDROUS AMMONIA
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) _____

(570')

Quadrant _____ Curb and Gutter: ☐ Functional (Curb height = 4" or more) ☐ Non-functional (Curb height = Less than 4") ☒ None	Quadrant _____ Curb and Gutter: ☐ Functional (Curb height = 4" or more) ☐ Non-functional (Curb height = Less than 4") ☒ 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
☒ Industrial
☒ Residential | ☐ Institutional
☒ Commercial
☐ <u>CHARACTER STEEL</u> |
|---|---|

Location of nearby schools:

WITHIN 2 MILES (RISING SUN)

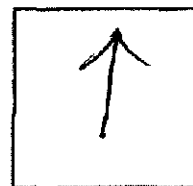
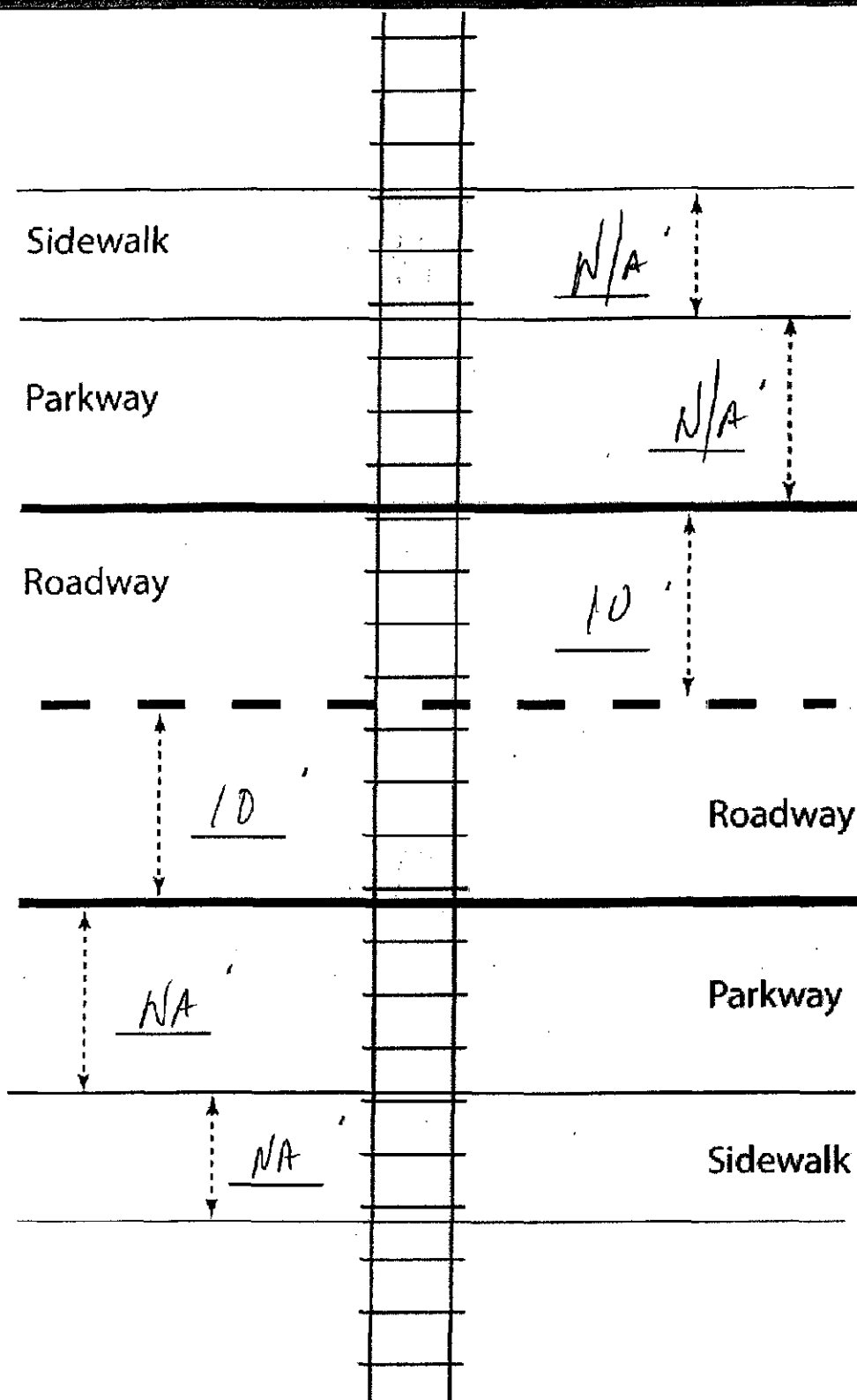
Utility Information

- Is commercial power available? ☐ No ☒ Yes
- Utility Provider (Company Name) NORTH CENTRAL Phone Number _____
- Nearest Available Power Source AT CROSSING
- What other utilities are present? CABLE, GAS, OH PHONE & ELECTRIC
- 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	
☐ AFLS / Gates / Cants	
☐ Upgrade circuitry	
☐ Sidelights	
☐ Guardrail Needed	
☐ Install/Replace curb	
☐ Other (define)	
Comments:	
☐ Install/upgrade traffic signal preemption	
☐ No improvements needed	
☒ Other (define)	<u>HUMPED CROSSING</u>

Field Dimensions

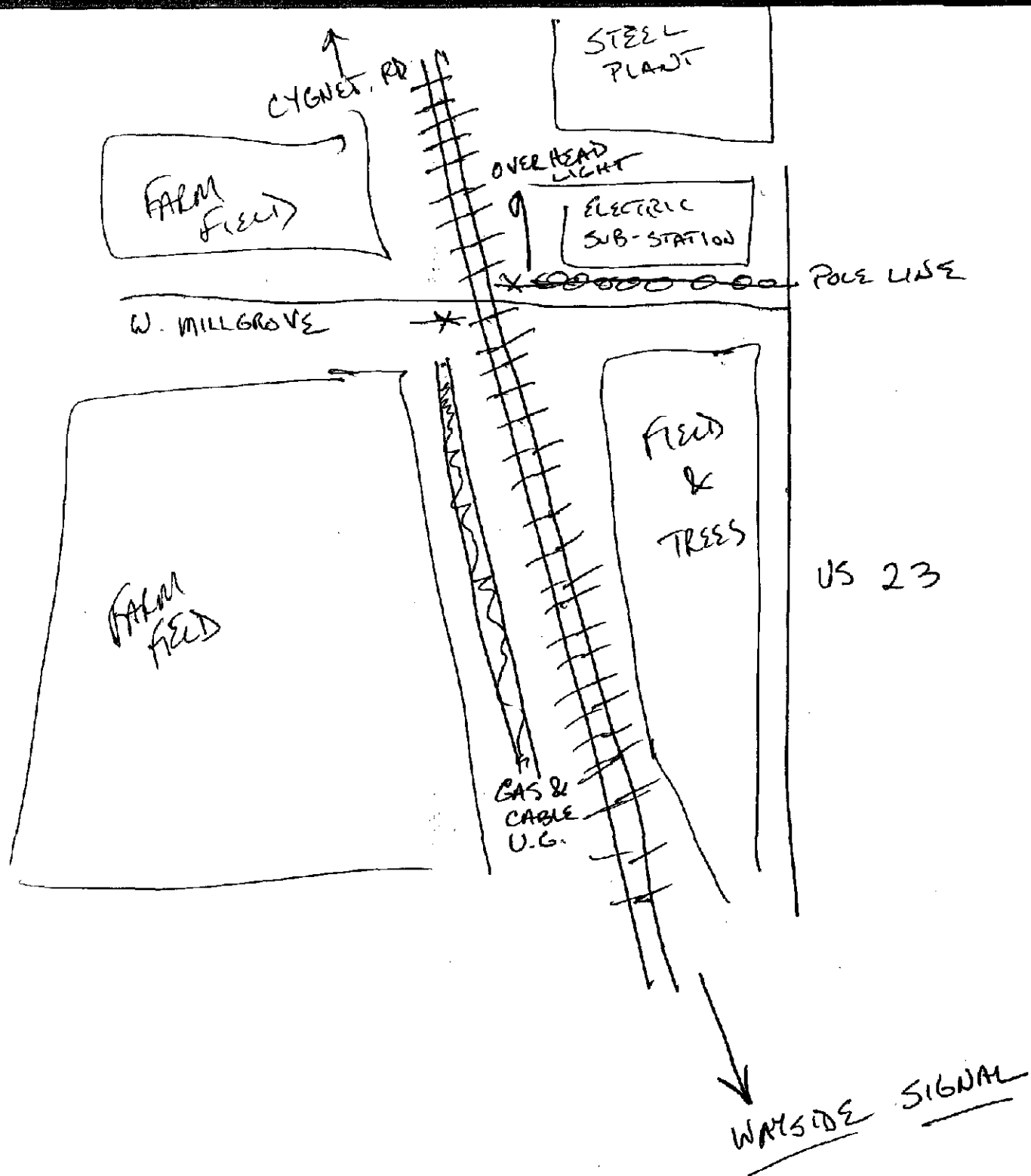


Show North
Direction

Crossing Angle ☐ 0-29° ☐ 30-59° ☒ 60-90° Measured in SW Quadrant?

Measurements by GM

Field Sketch



Crossing Angle ☐ 0-29° ☐ 30-59° ☒ 60-90° Measured in SW Quadrant?

Sketch by: GM

TABLE 1

Clearing Sight Distances

Maximum Authorized Train Speed	Distance (dT) Along Railroad from Crossing (ft)
1 - 10	240
15	360
20	480
25	600
30	720
35	840
40	960
45	1080
50	1200
55	1320
60	1440
65	1560
70	1680
75	1800
80	1920
85	2040
90	2160

Source: R-H Grade Crossing Handbook Table 36 (pp. 132-133)

Notes:

All calculated distances are rounded up to the next higher 5-foot increment.

Distances indicated are for 65-ft double bottom semi-tractor trailers and level single track 90 degree crossings; and may need to be adjusted for multiple tracks, skewed crossings or approaches on grades.

Clearing Sight Distance is to be measured in each vehicle travel direction at non-gated crossings as viewed from a point 25 feet from centerline of nearest track in the center of whichever travel lane is nearest the direction along track being measured.

Table 2

Stopping Sight Distances

Highway Vehicle Speed	Distance (dH) Along Roadway from Crossing (ft)
0	n/a
5	50
10	70
15	105
20	135
25	180
30	225
35	280
40	340
45	410
50	490
55	570
60	660
65	760
70	865

Source: R-H Grade Crossing Handbook Table 36 (pp. 132-133)

Notes:

All calculated distances are rounded up to the next higher 5-foot increment.

Distances indicated are for 65-ft double bottom semi-tractor trailers on dry level pavements.

Stopping Sight Distance is to be measured on each roadway approach to crossing from stop bar.

TRAFFIC CRASH REPORT



CRASH SEVERITY 1 FATAL 3 PDO 2 INJURY 4 UNKNOWN 3	PRIVATE PROPERTY ☐	HIT/SKID 1 NOT HIT/SKID 2 SOLVED 3 UNSOLVED 1	PHOTOS TAKEN ☐	OH-2 ☒	OH-3 ☐	OH-1P ☐	OTHER ☐
DATE 8 7 0 8 7 0 9	REPORTING AGENCY # 0 8 7 0 0	U-1 0 2	U-1 ENCL 0 1	DATE OF CRASH 0 1 2 1 2 0 0 9			

TIME 1 5 5 5	DAY OF WEEK WED	TYPE X	NAME (OF CITY, VILLAGE OR TOWNSHIP) PERRY	COUNTY 8 7	LATITUDE 	LONGITUDE
------------------------	---------------------------	------------------	---	----------------------	---------------------	----------------------

CRASH DECLARED ON PREFIX WEST MILLGROVE RD.	TYPE LOC 1	TYPE LOCATION POINT USED 1 NAMED STREET 3 NUMBERED ROUTE 2 NUMBERED STREET 	LOCAL IN CHARGE
--	----------------------	---	----------------------------

REFERENCE DIST REFERENCE OR PREFIX REFERENCE .2 M W	REFERENCE REF POINT 0 2	REFERENCE POINT USED 01 STATE LINE 02 INTERSECTION 2 STREETS 03 COUNTY LINE 	04 HOUSE NUMBER 05 TOWNSHIP BOUNDARY 06 MILE POST 07 CORPORATION LIMIT 	08 PLACE NAME WHO REFERENCE 09 DRIVEWAY 10 STREET OR ROUTE WHO REFERENCE
--	--------------------------------------	---	--	---

NAME (LAST, FIRST, MIDDLE) 0 1 0 1	NAME (LAST, FIRST, MIDDLE) WELLER, TIMOTHY R.
--	---

ADDRESS (STREET, CITY, STATE, ZIP CODE) 5555 BRADNER RD. FOSTORIA, OH. 44830
--

DATE OF BIRTH 1 1 1 6 1 9 5 9	SEX 4 9	DOB M	HOME PHONE # (419) 619-9919	WORK PHONE #
---	-------------------	-----------------	---------------------------------------	-------------------------

DL STATE OH	DL # RG420270	LP STATE OH	LP # EAL5728	INJURED TAKEN BY 1	1 NONE 4 OTHER 2 EMS 5 UNKNOWN 3 POLICE 	TRANSPORTED BY 	INJURED TAKEN TO
-----------------------	-------------------------	-----------------------	------------------------	------------------------------	--	---------------------------	-----------------------------

OWNER NAME (IF SAME, WRITE "SAME") SAME	ADDRESS (STREET, CITY, STATE, ZIP CODE) SAME
---	--

YEAR 2 0 0 7	MAKE MERCURY	MODEL MILAN	COLOR TAN	INSURANCE COMPANY WAYNE MUTUAL	TOWING SERVICE MOE'S BODY	OWNER PHONE # SAME
------------------------	------------------------	-----------------------	---------------------	--	-------------------------------------	------------------------------

OFFENSE CHARGED ORC 4511.62(A)(1)(e)	OFFENSE DESCRIPTION DRIVER'S DUTIES TO RAIL CROSSINGS	STATE 6 2 4 6 6	LOCAL CODE
--	---	---------------------------	-----------------------

NAME (LAST, FIRST, MIDDLE) 0 2 0 2
--

ADDRESS (STREET, CITY, STATE, ZIP CODE)
--

DL STATE 	DL # 	LP STATE 	LP # 	INJURED TAKEN BY 	1 NONE 4 OTHER 2 EMS 5 UNKNOWN 3 POLICE 	TRANSPORTED BY 	INJURED TAKEN TO
---------------------	-----------------	---------------------	-----------------	-----------------------------	--	---------------------------	-----------------------------

OWNER NAME (IF SAME, WRITE "SAME") CSX TRANSPORTATION	ADDRESS (STREET, CITY, STATE, ZIP CODE)
---	--

YEAR 2 0 0 3	MAKE GENERAL ELECTRIC	MODEL ES44DC	COLOR 	INSURANCE COMPANY SELF-INSURED	TOWING SERVICE 	OWNER PHONE # (419) 661-3056
------------------------	---------------------------------	------------------------	------------------	--	---------------------------	--

OFFENSE CHARGED 	OFFENSE DESCRIPTION 	STATE 	LOCAL CODE
----------------------------	--------------------------------	------------------	-----------------------

NAME (LAST, FIRST, MIDDLE) 	HOME PHONE #
---------------------------------------	-------------------------

ADDRESS (STREET, CITY, STATE, ZIP CODE) 	INJURED TAKEN BY 	TRANSPORTED BY 	INJURED TAKEN TO
--	-----------------------------	---------------------------	-----------------------------

NAME (LAST, FIRST, MIDDLE) 	HOME PHONE #
---------------------------------------	-------------------------

ADDRESS (STREET, CITY, STATE, ZIP CODE) 	INJURED TAKEN BY 	TRANSPORTED BY 	INJURED TAKEN TO
--	-----------------------------	---------------------------	-----------------------------

SEATING POSITION 01 FRONT - LEFT (MC DRIVER) 02 FRONT - MIDDLE 03 FRONT - RIGHT 04 SECOND - LEFT (MC PASS) 05 SECOND - MIDDLE 06 SECOND - RIGHT 07 THIRD - LEFT (MC PASSENGER/SEC CAR) 08 THIRD - MIDDLE 09 THIRD - RIGHT 10 SLEEPER SECTION OF CAB 11 ENCLOSED CARGO AREA 12 UNENCLOSED CARGO AREA 13 TRAILING UNIT 14 EXTERIOR 15 OTHER 16 NON-MOTORIST 17 UNKNOWN 0 1	SAFETY EQUIPMENT 01 NONE USED 02 SHOULDER BELT ONLY 03 LAP BELT ONLY 04 SHOULDER/LAP BELT 05 CHILD SAFETY SEAT 06 MC HELMET USED 07 USE UNKNOWN 08 NONE/MOTORIST 09 NONE USED 10 HELMET USED 11 PROTECTIVE PADS 12 REFLECTIVE CLOTHING 13 LIGHTING 14 OTHER 15 UNKNOWN 0 4	AIR BAG 1 NOT DEPLOYED 2 DEPLOYED - FRONT 3 DEPLOYED - SIDE 4 DEPLOYED BOTH 5 NOT APPLICABLE 6 UNKNOWN 1	AIR BAG SWITCH 1 NOT PRESENT 2 IN ON POSITION 3 IN OFF POSITION 4 UNKNOWN 1	EJECTION 1 NOT EJECTED 2 TOTALLY EJECTED 3 PARTIALLY EJECTED 4 NOT APPLICABLE 5 UNKNOWN 1	TRAPPED 1 NOT TRAPPED 2 EXTENDED BY 3 FREED BY 4 NON-MEDICAL 5 UNKNOWN 1	INJURIES 1 NO INJURY 2 POSSIBLE 3 NON-INCAPACITATING 4 INCAPACITATING 5 FATAL INJURY 6 UNKNOWN 1
--	---	--	---	--	---	--

UNIT NUMBERS 01 02		DAMAGE AREA		PRIOR ACTIONS 01 01		SEQUENCE OF EVENTS		POSTED SPEED 55 50		DRUG TEST STATUS	
NON-MOTORIST LOCATION								TRAFFIC CONTROL 07 01			
01 MARKED CROSSWALK AT INTERSECTION 02 INTERSECTION NO CROSSWALK 03 NON-INTERSECTION CROSSWALK 04 DRIVEWAY ACCESS CROSSWALK 05 IN ROADWAY 06 NOT IN ROADWAY 07 MEDIAN (BUT NOT SHOULDER) 08 ISLAND 09 SHOULDER 10 SIDEWALK 11 WITHIN 10 FEET OF ROADWAY (NOT SHOULDER, MEDIAN, SIDEWALK, ISLAND) 12 BEYOND 10 FEET OF ROADWAY (WITHIN TRAFFICWAY) 13 OUTSIDE TRAFFICWAY 14 SHARED USE PATHS ON TRAILS 15 UNKNOWN						NON-COLLISION 01 OVERTURN/Rollover 02 FIRE/EXPLOSION 03 IMBROSION 04 JACKKNIFE 05 CARGO/EQUIPMENT LOSS/SPLIT 06 EQUIPMENT FAILURE 07 SEPARATION OF UNITS 08 RAN OFF ROAD RIGHT 09 RAN OFF ROAD LEFT 10 CROSS MEDIAN/CENTERLINE 11 DOWNHILL RUNAWAY 12 OTHER NON-COLLISION 13 UNKNOWN NON-COLLISION COLLECTION W/PERSON, VEHICLE OR OBJECT NOT FIXED 14 PEDESTRIAN 15 PEDALCYCLE 16 RAILWAY VEHICLE 17 ANIMAL - FARM 18 ANIMAL - DEER 19 ANIMAL - OTHER 20 MOTOR VEHICLE IN TRANSPORT 21 PARKED MOTOR VEHICLE 22 WORK ZONE MAINTENANCE EQUIPMENT 23 OTHER MOVABLE OBJECT 24 UNKNOWN MOVABLE OBJECT 25 IMPACT ATTENUATOR/CRASH CUSHION 26 BRIDGE OVERHEAD STRUCTURE 27 BRIDGE PIER OR ABUTMENT 28 BRIDGE PARAPET 29 BRIDGE RAIL 30 GUARDRAIL FACE 31 GUARDRAIL END 32 MEDIAN BARRIER 33 HIGHWAY TRAFFIC SIGN POST 34 OVERHEAD SIGN POST 35 LIGHT/LAMP/MARKING SUPPORT 36 UTILITY POLE 37 OTHER POST, POLE OR SUPPORT 38 CURB 39 CUTS 40 DITCH 41 EMBANKMENT 42 FENCE 43 MARSH 44 TREE 45 OTHER FIXED OBJECT 46 WORK ZONE MAINTENANCE EQUIPMENT 47 UNKNOWN FIXED OBJECT 48 OTHER 49 UNKNOWN		DIRTY CONDITION 1 NORTH 2 SOUTH 3 EAST 4 WEST 5 NORTHEAST 6 NORTHWEST 7 SOUTHWEST 8 SOUTHWEST 9 UNKNOWN		TYPE OF INTERSECTION 11	
TYPE OF LIMIT 03 29		MOST DAMAGED AREA 05 01		CONTRIBUTING CIRCUMSTANCES 02 01		COLLISION WITH FIXED OBJECT		CONDITION 1 APPARENTLY NORMAL 2 PHYSICAL IMPAIRMENT 3 EMOTIONAL 4 ILLNESS 5 WELL ASLEEP, FAINTED, FATIGUED, ETC. 6 UNDER THE INFLUENCE OF MEDICATIONS/DRUGS/ALCOHOL 7 OTHER 8 UNKNOWN		TYPE OF INTERSECTION 11	
MOTORIST 01 SUBCOMPACT 02 COMPACT 03 MID SIZE 04 FULL SIZE 05 MINIVAN 06 SPORT UTILITY VEHICLE 07 PICKUP 08 PANEL/VAN 09 SINGLE UNIT TRUCK; 2 AXLES, 8 TIRES 10 SINGLE UNIT TRUCK; 3+ AXLES 11 TRUCK/TRAILER 12 TRUCK TRACTOR (BOBTAIL) 13 TRACTOR/SEMI-TRAILER 14 TRACTOR/DOUBLE SHORT 15 TRACTOR/DOUBLE LONG 16 FIFTH WHEEL OR CONVENTIONAL DOLLY 17 TRACTOR/TRIPLETS 18 MOTORCYCLE 19 MOTORIZED BIKE 20 SCHOOL BUS 21 CHURCH BUS 22 PUBLIC BUS 23 OTHER BUS 24 POLICE VEHICLE 25 FIRE TRUCK 26 AMBULANCE/RESCUE 27 TAXI 28 MOTOR HOME 29 TRAIN 30 FARM VEHICLE 31 FARM EQUIPMENT 32 SNOWMOBILE 33 CONSTRUCTION EQUIPMENT 34 ALL OTHERS NON-MOTORIZED 35 ANIMAL W/WOOFER 36 ANIMAL W/BLOODY 37 BICYCLE 38 PEDESTRIAN 39 PEDALCYCLIST 40 SKATER 41 OTHER-NON MOTORIST 42 UNKNOWN		POINT OF IMPACT 05 03		CONTRIBUTING CIRCUMSTANCES 02 01		COLLISION WITH FIXED OBJECT		CONDITION 1 APPARENTLY NORMAL 2 PHYSICAL IMPAIRMENT 3 EMOTIONAL 4 ILLNESS 5 WELL ASLEEP, FAINTED, FATIGUED, ETC. 6 UNDER THE INFLUENCE OF MEDICATIONS/DRUGS/ALCOHOL 7 OTHER 8 UNKNOWN		TYPE OF INTERSECTION 11	
IN EMERGENCY RESPONSE 1A 1B		ACTION 4 3		VEHICLE DEFECT CODE ONLY IF "19" SELECTED ABOVE		FIRST HARMFUL EVENT 1A 1B		ALCOHOL / DRUG SUSPECTED 1A B		Road Contour 2	
DAMAGE SCALE 5 1		STRICKEN VEHICLES OVERLIDE / UNDERLIDE A B		VEHICLE DEFECT CODE ONLY IF "19" SELECTED ABOVE		HIGHWAY TRAFFIC SIGN POST 1A 1B		ALCOHOL / DRUG SUSPECTED 1A B		Road Conditions 04	
1 NONE 2 NON-FUNCTIONAL DAMAGE 3 FUNCTIONAL DAMAGE 4 DISABLING DAMAGE 5 SEVERE 6 UNKNOWN		1 NO UNDERLIDE OR OVERLIDE 2 UNDERLIDE, COMPARTMENT INTRUSION 3 UNDERLIDE, NO COMPARTMENT INTRUSION 4 UNDERLIDE, COMPARTMENT INTRUSION UNKNOWN 5 OVERLIDE, MOTOR VEHICLE IN TRANSPORT 6 OVERLIDE, OTHER VEHICLE 7 UNKNOWN		1 TURN SIGNALS 2 HEAD LAMPS 3 TAIL LAMPS 4 BRAKES 5 STEERING 6 TYRE BLOWOUT 7 WORK ON SLICK TIRES 8 TRAILER EQUIPMENT DEFECTIVE 9 MOTOR TROUBLE 10 DISABLED FROM PRIOR CRASH 11 OTHER DEFECTS		SPEED DETECTED 1 STATED 2 ESTIMATED SPEED Speed: 15 45		ALCOHOL TEST TYPE 1A B 1 NONE 2 BREATH 3 URINE 4 OTHER ALCOHOL TEST RESULT A B		01 DRY 02 WET 03 SHOW 04 ICE 05 SAND, MUD, DIRT, OIL, GRAVEL 06 WATER (STANDING, MOVING) 07 SLUSH 08 DEBRIS 09 PVT, HOLES, BUMPS, UNEVEN PAVEMENT ** 10 OTHER 11 UNKNOWN ** SECONDARY ROAD CONDITIONS ONLY	
SUPPLEMENT # K YES LOCAL REPORT # 8708709											

Narrative

UNIT #1 WAS WESTBOUND ON WEST MILLGROVE ROAD. UNIT #2 WAS A SOUTHBOUND CSX TRAIN APPROACHING THE WEST MILLGROVE ROAD CROSSING. UNIT #1 ATTEMPTED TO CROSS THE TRACKS AND WAS STRUCK BY UNIT #2.

MANNER OF COLLISION OR IMPACT

- 6
- 1 NOT COLLISION BETWEEN TWO VEHICLES IN TRANSPORT
 - 2 REAR-END
 - 3 HEAD-ON
 - 4 REAR-TO-REAR
 - 5 BACKING
 - 6 ANGLE
 - 7 SIDESWIPES, SAME DIRECTION
 - 8 SIDESWIPES, OPPOSITE DIRECTION
 - 9 UNKNOWN

WEATHER

- 01
- 01 CLEAR
 - 02 CLOUDY
 - 03 FOG, SMOG, SMOKE
 - 04 RAIN
 - 05 SLEET, HAIL (FREEZING RAIN DRIZZLE)
 - 06 SNOW
 - 07 SEVERE CROSSWINDS
 - 08 BLOWING SAND, SOIL, DIRT, SNOW
 - 09 OTHER
 - 10 UNKNOWN

LIGHT CONDITIONS

- 1
- 1 DAYLIGHT
 - 2 DAWN
 - 3 DUSK
 - 4 DARK - LIGHTED ROADWAY
 - 5 DARK - NOT LIGHTED
 - 6 DARK - UNKNOWN LIGHTING
 - 7 GLARE
 - 8 OTHER
 - 9 UNKNOWN

SCHOOL BUS RELATED

- 1
- 1 NO
 - 2 YES, DIRECTLY INVOLVED
 - 3 YES, INDIRECTLY INVOLVED
 - 4 UNKNOWN

WORK ZONE RELATED

- 1
- 1 NO
 - 2 YES
 - 3 UNKNOWN

TYPE OF WORK ZONE

- 1
- 1 LANE CLOSURE
 - 2 LANE SHIFT/CROSSOVER
 - 3 WORK ON SHOULDER OR MEDIUM
 - 4 INTERMITTENT/MOVING WORK
 - 5 OTHER

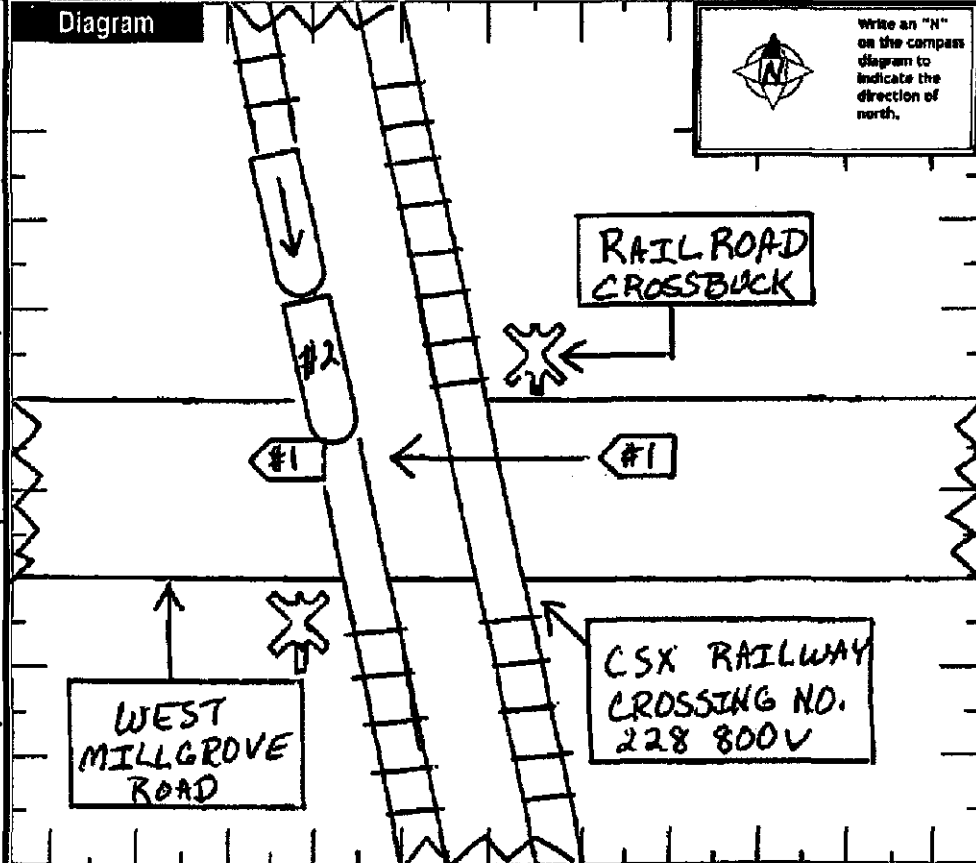
LOCATION OF CRASH IN WORK ZONE

- 1
- 1 BEFORE FIRST WORK ZONE WARNING SIGN
 - 2 ADVANCE WARNING AREA
 - 3 TRANSITION AREA
 - 4 ACTIVITY AREA

WORKERS PRESENT

- 1
- 1 NO
 - 2 YES
 - 3 UNKNOWN

Diagram



Truck/Bus

UNIT

1

THE CRASH INVOLVED ONE OR MORE OF THE FOLLOWING:
A TRUCK (MOTOR VEHICLE) WITH A GVWR MORE THAN 10,000 POUNDS; OR
A TRUCK (MOTOR VEHICLE) WITH A HAZARDOUS MATERIALS PLACARD; OR
A BUS DESIGNED FOR AT LEAST 9 PERSONS, INCLUDING DRIVER.

AND

THE CRASH RESULTED IN ONE OR MORE OF THE FOLLOWING:
A FATALITY; OR
AN INJURY REQUIRING TRANSPORTATION FOR IMMEDIATE MEDICAL TREATMENT; OR
AT LEAST ONE VEHICLE WAS TOWED DUE TO DISABLING DAMAGE OR REQUIRED INTERVENING ASSISTANCE BEFORE PROCEEDING UNDER ITS OWN POWER.

COMPANY (FROM SHIPPING PAPERS)

COMPANY PHONE

ADDRESS (STREET, CITY, ST, ZIP CODE)

US DOT: ICC MC: PUCC: TRAILER LP ST: TRAILER LP YEAR: TRAILER LP #:

CARGO BODY TYPE

01

- 01 NOT APPLICABLE
- 02 BUS (9-15 INCLUDING DRIVER)
- 03 VAN/ENCLOSED BOX
- 04 GRAB/CHIPS/GRAVEL

- 05 POLE
- 06 CARGO TANK
- 07 FLATBED
- 08 DUMP

- 09 CONCRETE MIXER
- 10 AUTO TRANSPORTER
- 11 GANTRY/REFUSE
- 12 OTHER
- 13 UNKNOWN

Weight (GVWR)

1

- 1 LESS/EQUAL 10,000
- 2 10,001 - 25,000
- 3 MORE THAN 25,000

CDL Class

1

- 1 CLASS A
- 2 CLASS B
- 3 CLASS C
- 4 CLASS M
- 5 CLASS D

Hazardous Materials Placard

1

- 1 NO
- 2 YES
- 3 UNKNOWN

Hazardous Materials Released

1

- 1 NO
- 2 YES
- 3 NOT APPLICABLE
- 4 UNKNOWN

Police Action

01/21/2009 1556 1600 1605 1730 30 120

OFFICER'S NAME: DEPUTY WESLEY A. DAVIS

REPORT TAKEN BY: 1 1 POLICE AGENCY 2 MOTORIST

REPORT TAKEN AT: 1 1 SCENE 2 STATION 3 OTHER

DATE REPORT FILED: 01/21/2009

8708709



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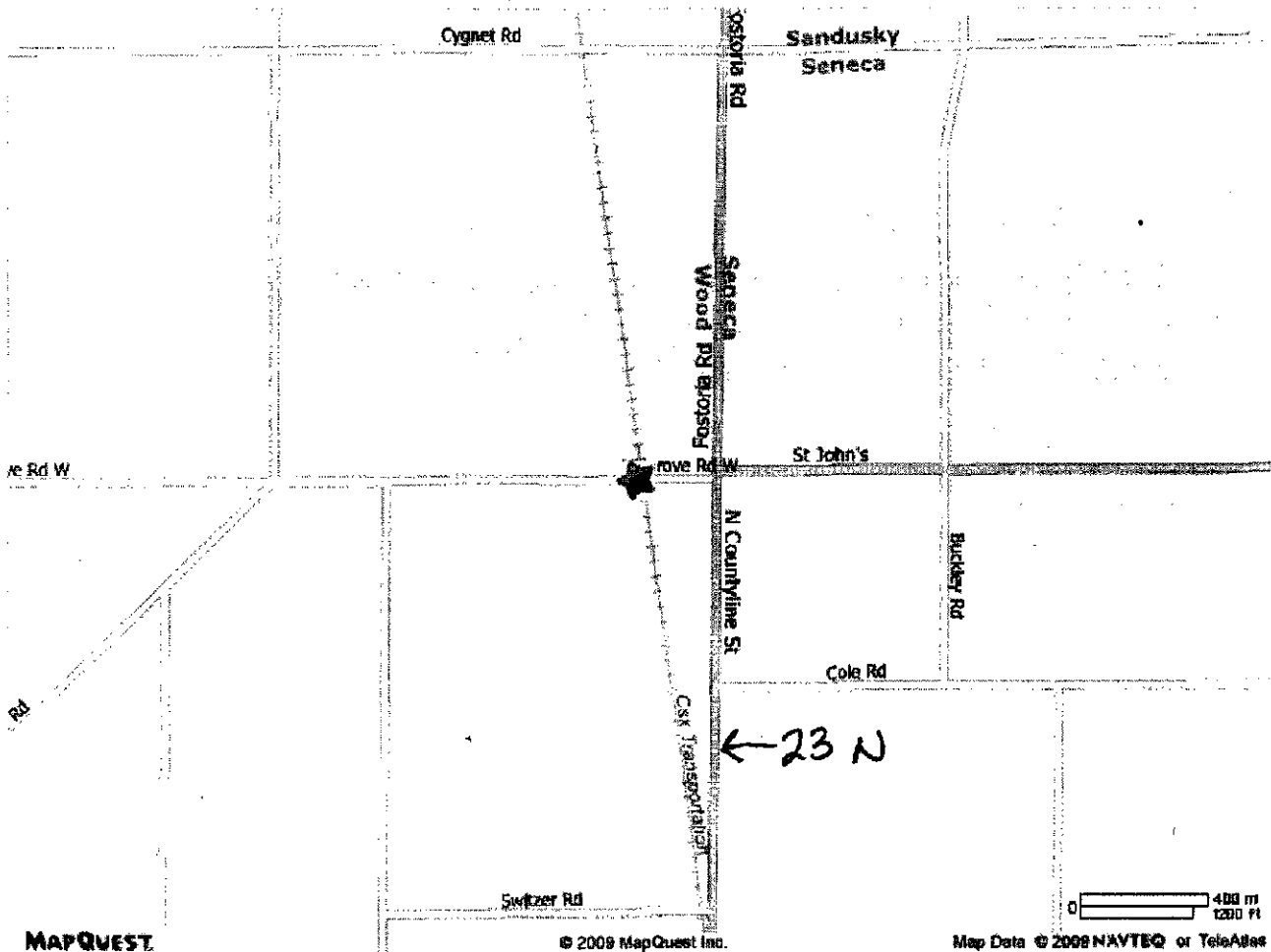
Maps Directions Yellow Pages Gas Prices

★ Latitude: 41.2394133
Longitude: -83.4233490

WOOD, CSX
W. MILLGROVE / TR 36
228-800V



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23 N
JUST N OF
LONGLEY, OH

OHIO RAIL DEVELOPMENT COMMISSION INTER-OFFICE COMMUNICATION

TO: George Martin, Planner, Railroad Division, PUCO
FROM: Susan Kirkland, Supervisor, Safety Section
BY: Tod Darfus, Grade Crossing Specialist
SUBJECT: Grade Crossing Warning Projects,
DATE: September 16, 2009

You may authorize Chicago, Ft. Wyane and Eastern Railroad. to proceed with the non-field work involved with the below mentioned projects. 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.

Allen-Defiance Trial/TR-50 AAR # 532 738 X

Thank you for your assistance with these matters.

TD:tjd

c:S. Kirkland, T. Darfus

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PUBLIC UTILITIES
COMMISSION
2009 SEP 18 PM 3:48
RAIL DIVISION

OHIO RAIL DEVELOPMENT COMMISSION INTER-OFFICE COMMUNICATION

TO: George Martin, Planner, Railroad Division, PUCO
FROM: Susan Kirkland, Supervisor, Safety Section
BY: Tod Darfus, Grade Crossing Specialist
SUBJECT: Grade Crossing Warning Projects,
DATE: September 16, 2009

You may authorize Norfolk and Southern Railroad. to proceed with the non-field work involved with the below mentioned projects. 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.

Perry-Adams Street (Corning) AAR # 513 424 A

Thank you for your assistance with these matters.

TD:tjd

c:S. Kirkland, T. Darfus

SEP 16 2009
RAIL DIVISION
PUCO

OHIO RAIL DEVELOPMENT COMMISSION INTER-OFFICE COMMUNICATION

TO: George Martin, Planner, Railroad Division, PUCO
FROM: Susan Kirkland, Supervisor, Safety Section
BY: Tod Darfus, Grade Crossing Specialist
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Perry-Adams Street (Corning) AAR # 513 424 A

Thank you for your assistance with these matters.

TD:tjd

c:S. Kirkland, T. Darfus

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COMMISSION
SEP 17 2009

2009 SEP 18 PM 3:48

RAIL DIVISION

OHIO RAIL DEVELOPMENT COMMISSION INTER-OFFICE COMMUNICATION

TO: George Martin, Planner, Railroad Division, PUCO
FROM: Susan Kirkland, Supervisor, Safety Section
BY: Tod Darfus, Grade Crossing Specialist
SUBJECT: Grade Crossing Warning Projects,
DATE: September 16, 2009

You may authorize CSX Railroad. to proceed with the non-field work involved with the below mentioned projects. 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.

Wood-TR-36/West Millgrove Road AAR # 228 800 V

Thank you for your assistance with these matters.

TD:tjd

c:S. Kirkland, T. Darfus

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OHIO
2009 SEP 18 PM 3:48
RAIL DIVISION