

NC
FILE

18


**Public Utilities
Commission of Ohio**

RECEIVED-DOCKETING DIV

2014 FEB 20 PM 1:05

PUCO

Memo

To: Docketing Division
From: George Martin, Grade Crossing Planner, Rail Division 
Re: In the matter of the authorization of CSX Transportation and Norfolk Southern Railway to install and interconnect active grade crossing warning devices at Franklin County, City of Columbus, Old Cooke Road
Date: February 20, 2014

The Ohio Rail Development Commission (ORDC) has authorized funding for CSX Transportation (CSX) and Norfolk Southern Railway (NS) to install **mast-mounted flashing lights and roadway gates at the following location:**

Franklin County, City of Columbus, Old Cooke Rd, DOT# 518245B (CSX), 481470J (NS)

This crossing is a public roadway into a self-storage facility that crosses one set of CSX tracks and two sets of NS tracks. The distance from the CSX track to the NS double track is approximately 67 feet. A fatality occurred at the crossing on the NS side on 12/7/2010, prompting a series of diagnostic meetings, the most recent of which was held on 6/12/2013. The team recommended the upgrade to lights and gates.

The project will be paid for with federal funds, and is actual cost. As the plans and estimates for the project have been submitted and approved, staff requests a Finding & Order with completion due in nine months. Construction may commence at once. Staff requests that the following language be incorporated in the Entry:

It is expected that all work necessary for FHWA acceptance of the warning devices will be completed by the in-service due date and that the railroad will be responsible for this work. This work includes, but is not limited to:

**Any ancillary work to make the warning devices function as designed and visible to the roadway user, and
MUTCD compliance, including minor roadway work if necessary.**

A suggested case coding and heading would be:

PUCO Case No. 14- 278 -RR-FED In the matter of the authorization of CSX Transportation and Norfolk Southern Railway to install and interconnect active grade crossing warning devices at Franklin County, City of Columbus, Old Cooke Road

C: Legal Department

Please serve the following parties of record.

Ms Cathy Stout

Ohio Rail Development Commission

1980 W Broad St, Mailstop # 3140

Columbus, Oh 43223

Ms Amanda DeCesare

CSX Transportation

1717 Dixie Hwy, Ste 400

Ft Wright, Ky 41011

Ms Cayela Wimberly

Norfolk Southern Railway

1200 Peachtree St, Box 123

Atlanta, Ga 30309

Mr Tim Bell

Depart of Public Service

Planning & Operations

50 W Gay St

Columbus, Oh 43215-9005

AEP

**OHIO RAIL DEVELOPMENT COMMISSION
INTER-OFFICE COMMUNICATION**

TO: George Martin, Rail Division, PUCO
FROM: Cathy Stout, Manager, Safety Section, ORDC
BY: Joe Reinhardt, Project Manager, ORDC
SUBJECT: Franklin County, CSX & NS, Cooke Road
DOT 481470J and DOT 528245B, PID 96426
DATE: February 19, 2014

The Public Utilities Commission of Ohio (PUCO) established a diagnostic survey at the subject location on Cooke Road. The Ohio Rail Development Commission (ORDC) attended the review. The Diagnostic Team recommended the improvement of warning devices to flashing lights and roadway gates. Copies of the diagnostic review form and the plan and estimate are attached.

PE has already been provided by the railroad. ORDC approves the site plans and estimates as provided. Please issue a construction-only order for the project outlined above. 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.

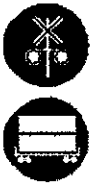
It is expected that all work necessary for FHWA acceptance of the warning devices will be completed by the in-service due date and that the railroad will be responsible for this work. This work includes, but is not limited to:

- any ancillary work to make warning devices function as designed and visible to the roadway user, and
- MUTCD compliance – including minor roadway work if necessary.

Thank you for your assistance with these matters.

Attachment: Diagnostic Review
Plan & Estimate

c: George Martin, PUCO
ORDC Project Manager (file)



OHIO RAIL DEVELOPMENT COMMISSION

Mail Stop #3140, 1980 West Broad Street, Columbus OH 43223

John R. Kasich, Governor • James G. Bradley, Chairman

February 19, 2014

Ms. Amanda DeCesare
Project Manager
1717 Dixie Highway, Suite 400
Fort Wright, KY 41011

RE: Franklin County, Cooke Road, DOT 528245B
PID 96426, OH0965

Dear Ms. DeCesare:

The plan and estimate dated November 21, 2013, for the referenced project has been reviewed and is acceptable. CSX may proceed with the construction of the proposed grade crossing warning system in accordance with the abbreviated plan. This authorization is made with the stipulation and understanding that the 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. Reimbursement of eligible actual cost is limited to \$183,511.00. Additional costs must be approved in writing by the ORDC prior to being incurred. Emergency verbal authorizations by ORDC may be permitted and will be confirmed by ORDC in writing within ten (10) business days of the verbal approval.

This authorization is contingent upon CSX accepting the following instructions:

1. CSX will furnish prior written notification of their scheduled date to start construction to George Martin, PUCO, Railroad Division.
2. CSX's project foreman will furnish FAX or written notification five (5) working days prior to the date work will start at the project site to Joseph Reinhardt, Ohio Rail Development Commission (ORDC), 1980 West Broad Street, Columbus, Ohio 43223, email joe.reinhardt@dot.state.oh.us or FAX (614) 728-4520, (telephone number 614-580-7728), and to the Public Utilities Commission of Ohio at 180 East Broad Street, Columbus, Ohio 43215, email George.martin@puc.state.oh.us, (telephone number 614-752-9107). CSX's project foreman will also notify the same of any stops and re-starts of the work activity and of the date work was completed for the project.
3. CSX will arrange for utilities to be located at the project site by the Ohio Utilities Protection Service (OUPS) prior to any construction activities at the site. Utilities that are not participating members of the service must be contacted directly by CSX.
4. CSX's project foremen will notify Joe Reinhardt of any changes in the scope of work, cost overruns, material changes, etc. which are not included in the approved plan and estimate and secure approval of same before the work is performed.



www.rail.ohio.gov

phone: 614.644.0306

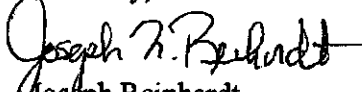
IMPROVING RAIL TODAY FOR TOMORROW'S ECONOMY

[Type text]

5. CSX will furnish two (2) copies of each partial bill to ORDC. Please find the enclosed Encumbrance Estimate to reference when billing.
6. CSX will furnish two (2) copies of the final all-inclusive bill to ORDC stating the exact dates of starting and completing work, the initial and final dates of construction and location where the accounts may be audited.

Thank you for your assistance with these matters.

Sincerely,


Joseph Reinhardt
Project Manager

C: George Martin, PUCO, Grade Crossing Planner
ORDC (file)



OHIO RAIL DEVELOPMENT COMMISSION

Mail Stop #3140, 1980 West Broad Street, Columbus OH 43223

John R. Kasich, Governor • James G. Bradley, ORDC Chairman

February 19, 2014

Ms. Cayela Wimberly
Public Projects Engineer
1200 Peach Street, Box 123
Atlanta, Ga. 30309

RE: Franklin County, Cooke Road, DOT 481470J
PID# 96426, NS Project 10.415

Dear Ms. Wimberly:

The plan and estimate dated November 21, 2013, for the referenced project has been reviewed and is acceptable. NS may proceed with the construction of the proposed grade crossing warning system in accordance with the abbreviated plan. This authorization is made with the stipulation and understanding that the 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.

Reimbursement of eligible actual cost is limited to \$381,533.00. Additional costs must be approved in writing by the Ohio Rail Development Commission (ORDC) prior to being incurred. Emergency verbal authorizations by ORDC may be permitted and will be confirmed by ORDC in writing within ten (10) business days of the verbal approval.

This authorization is contingent upon NS accepting the following instructions:

1. NS's project foreman will furnish written notification five (5) working days prior to the date work will start at the project site to Joe Reinhardt, ORDC, joe.reinhardt@dot.state.oh.us email and to the Public Utilities Commission of Ohio at George.martin@puc.state.oh.us. NS's project foreman will also notify the same of any stops and re-starts of the work activity and of the date work was completed for the project.
2. NS will arrange for utilities to be located at the project site by the Ohio Utilities Protection Service (OUPS) prior to any construction activities at the site. Utilities that are not participating members of the service must be contacted directly by NS.
3. NS's project foremen will notify Joe Reinhardt at 614-580-7728 (telephone) or joe.reinhardt@dot.state.oh.us (email) of any changes in the scope of work, cost overruns, material changes, etc. which are not included in the approved plan and estimate and secure approval of same before the work is performed.
4. NS will furnish two (2) copies of each partial bill to ORDC. Please find the enclosed Encumbrance Estimate to reference when billing.



www.rail.ohio.gov

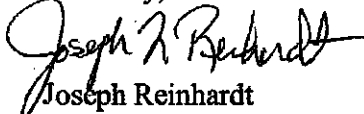
phone: 614.644.0306

IMPROVING RAIL TODAY FOR TOMORROW'S ECONOMY

5. NS will furnish two (2) copies of the final all-inclusive bill to ORDC stating the exact dates of starting and completing work, the initial and final dates of construction and location where the accounts may be audited.

Thank you for your assistance with these matters.

Sincerely,


Joseph Reinhardt
Project Manager

C: George Martin, PUCO, Grade Crossing Planner
ORDC (file)

Attachment: 1 (encumbrance estimate)



Diagnostic Review Team Survey

Date: 6/12/13

Location Data

Street or Road Name: Old Cooke Road			
Route/Road Number (i.e. Twp., Co., SR or US)		US DOT No.: NS 481470J CSX 518245B	
County: FRA	Township:	City: (In or Near) Columbus	
Railroad Name: Norfolk Southern & CSX Trans.	Railroad Division: Lake & GL	Branch/Line Name: Sandusky & Cols	Line
Nearest RR Timetable Station: Columbus		RR Milepost: NS 6.06 and CSX 132.6	

On-Site Review Team

(Include: Name - Organization - Phone Number - Email)

1. Mike Braehler, NS Signal Supervisor, Cell 614.561.0592 *Mike Braehler NS, MOU*
2. Amanda Decarase, CSX, Cell: (770) 508-8221 *Amanda Decarase*
3. Tim Bell, City of Columbus, Cell: (614) 554-8138 *Tim Bell*
4. *Joseph Brubaker, ORDC, 614-644-0291*
5. *Michael Seale, NS, Michael Seale*
6. *GEORGE MARTIN, PUCO 614-752-9107*
7. _____
8. _____

Existing Traffic Control Devices

Type of Warning Devices	Installed?		Quantity/Comments
Advance Warning Signs (condition?)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	1 / GOOD
'Stop' Signs	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
'Stop Ahead' Signs	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Pavement Markings (condition?)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Crossbucks	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	2 / GOOD
Number of Tracks Signs	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	2 / GOOD
Inventory Tags	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	2
Interconnected Highway Traffic Signal	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Mast-Mounted Flashing Lights	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	2
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 checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Number: 1
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 type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
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	

Safety Data (Obtain crash reports, if possible, prior to review)		
	Initial Information (from database)	Revised
Number & dates of crashes in previous 5 years	1 (12/7/10) Previous (4/2004 & 12/1994) NS 0 for CSX Transportation	
Hazard Ranking	NS 678 & CSX 4681 Date Run: 5/10/13	
Railroad Data		
Railroad Characteristics	Initial Information (from database)	Revised
Total trains per day	32 NS 14 CSX	
< 1 per day		
Day thru trains	14 5	
Night thru trains	14 0	
Daytime switching movements	2 3	
Nighttime switching movements	2 6	
Total number of tracks	3 1	
Number of main tracks	3 1	
Number of other tracks	1 0	
Maximum train speed	60 60	
Typical train speed		
Amtrak		
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Can one train block the motorists' view of another train at crossing? <input checked="" type="checkbox"/> Yes (Explain below) <input type="checkbox"/> No		
Can one or more tracks be eliminated through the crossing? <input type="checkbox"/> Yes <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: City of Columbus		
Roadway Characteristics	Initial Information (from database)	Revised
Average daily traffic	21 (2004) NS 24 (2004) CSX	
Highway paved	X 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: 21 ft.		
Number of highway lanes	2	
Urban or Rural	Urban	
Vehicle Speed:	25	
School Bus Operation: <input checked="" type="checkbox"/> No Yes Daily Amount _____		
Hazardous Materials Trucks: <input type="checkbox"/> No <input type="checkbox"/> Yes Amount _____		
Shoulders: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes		
Is the shoulder surfaced? <input checked="" 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>SW</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>NE</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 there a 'Do not Stop on Track' sign? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
Is a roadway improvement project (e.g. widening, turn lanes, nearby new or upgraded traffic signal, sidewalk) planned at or near this location in the foreseeable future? <input type="checkbox"/> No <input type="checkbox"/> Yes If yes, Improvement type _____ Lead Agency _____ Timeline/completion _____	
Is it the consensus of the Diagnostic Review Team that this is a potential closure project? <input type="checkbox"/> No <input type="checkbox"/> Yes Explain reasons: _____	
Type of Development	
<input checked="" type="checkbox"/> Open Space <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Residential	<input type="checkbox"/> Institutional <input type="checkbox"/> Commercial Location of nearby schools: _____
Utility Information	
Is commercial power available? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	
Utility Provider (Company Name) <u>AEP</u>	Phone Number _____
Nearest Available Power Source _____	
What other utilities are present? _____ (add locations to sketch)	
Is(are) there potential utility conflict(s) <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown	
Comments: _____	

Potential Red Flags / Project Challenges

Traffic Signal Preemption (include traffic signal intersection name and LHA with jurisdiction over traffic signal, if known):

Crossing Consolidation or Closure:

Real Estate or ROW:

Culverts / Drainage / Ballast Conditions:

Roadway and/or Sidewalks:

Circuitry (e.g. reaches out to other crossings, specific needs, etc.):

Environmental:

Other:

JKL
6/2/13
N/A

Diagnostic Team Recommendations

Quadrants Needed

- ☒ Install/upgrade active devices
 - ☐ Automatic Flashing Lights (AFLS)
 - ☐ AFLS / Cants
 - ☒ AFLS / Gates
 - ☐ AFLS / Gates / Cants
 - ☒ Bells / number
 - ☐ Upgrade circuitry / type
 - ☐ Sidelights
 - ☐ Guardrail Needed
 - ☐ Install/Replace curb
 - ☐ Bungalow placement & offset from rail & highway
 - ☐ Other (define)

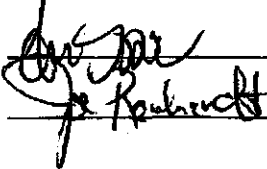
SW / NE

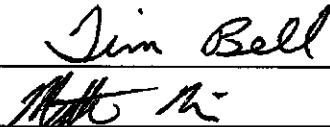
Comments:

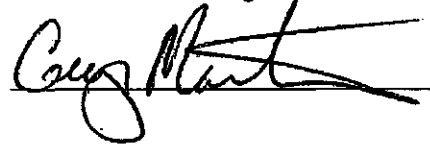
This is a follow-up since we couldn't get the crossing closed.

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

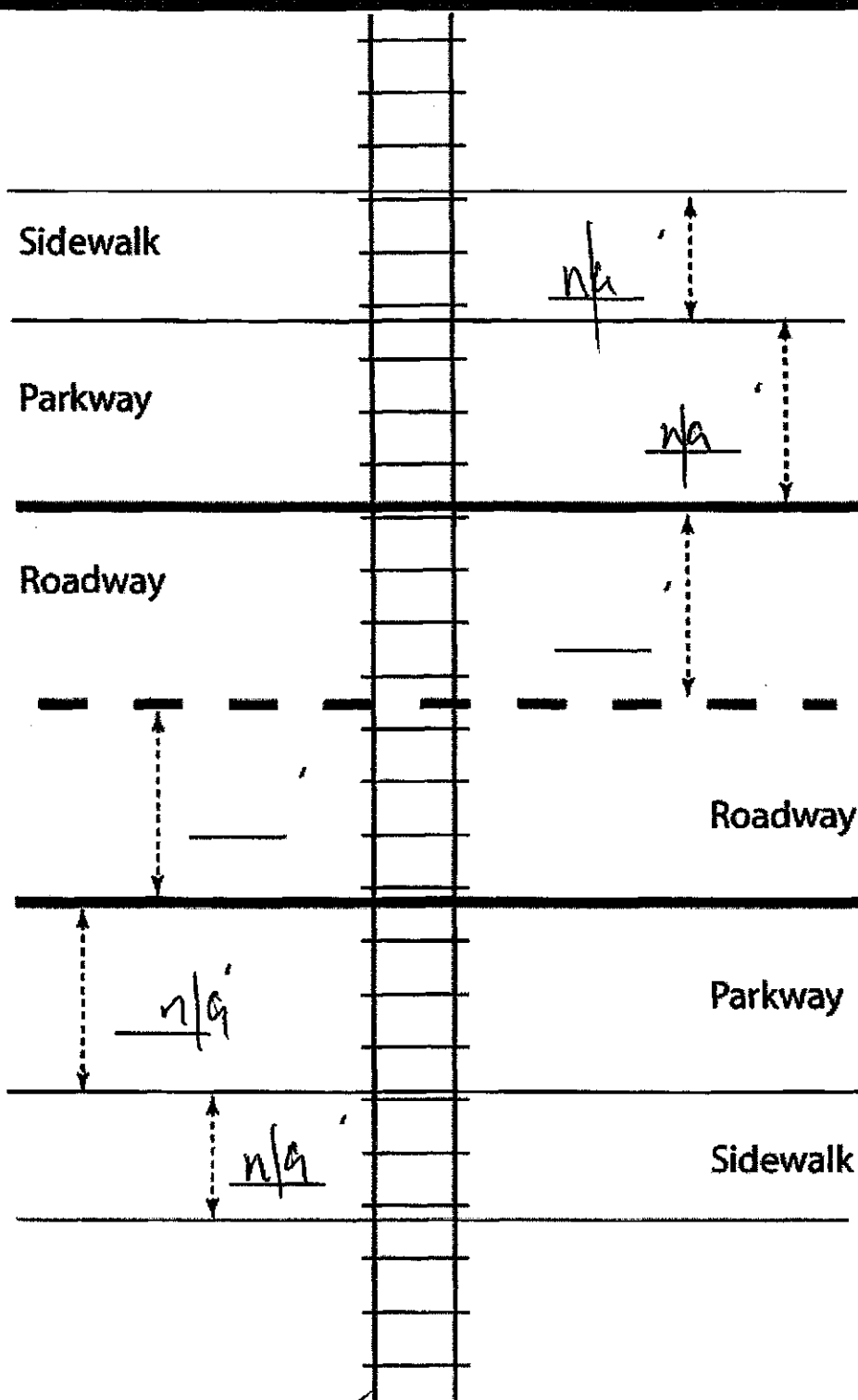
Acknowledgement of Recommendations (each entity represented at the diagnostic must have at least one signature acknowledgement):


Joe Reinhardt


Jim Bell


Craig Martin

Field Dimensions



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

Measurements by: gf

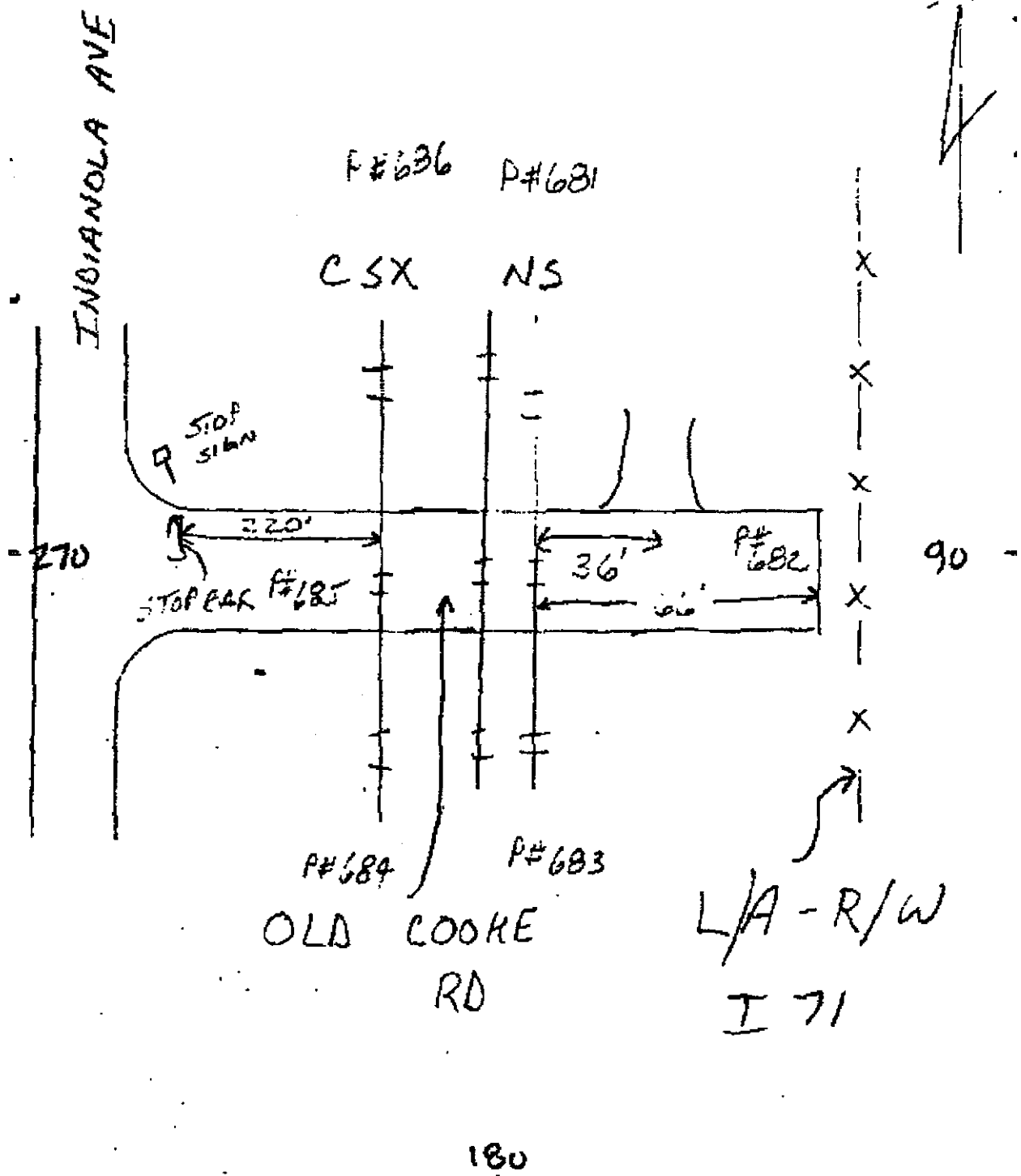


TABLE 1**Clearing Sight Distances**

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.

AIU-72-10

TRAFFIC CRASH REPORT



LOCAL REPORT #

28307

CRASH SEVERITY

1

1 FATAL 3 PDO
2 INJURY 4 UNKNOWN

PRIVATE PROPERTY

X
IF YES

MT/SHIP

1 1 NOT MT/SHIP
2 SOLVED
3 UNSOLVED

PHOTOS TAKEN

X
IF YES

OH-2

OH-3

OH-1P

OTHER

X

N.C.I.C.#

COP00

Reporting Agency

Columbus Division of Police

UNITS

1

UNIT ERROR

1 96 = ANNUAL
99 = UNKNOWN

DATE OF CRASH

12/07/10

TIME OF CRASH

1824

Day of Week

Tue

CITY

X

VILLAGE

X

TWP

X

Name (of city, village or township)

Columbus

COUNTY #

25

Latitude

40.048205

Longitude

82.998576

CRASH OCCURRED ON

PREFIX CRASH LOCATION

E Cooke

TYPE LOC

1

TYPE LOCATION POINT USED

1 NAMED STREET 2 NUMBERED ROUTE
3 NUMBERED STREET

LOCAL INFORMATION

31 - 31 District

AT / REFERENCE

DIST REFERENCE OR

500 FT

OR

E

REFERENCE

Indianola Ave

REFERENCE POINT USED

01 STATE LINE
02 INTERSECTION 2 STREETS
03 COUNTY LINE

REF POINT

02

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

A

UNIT #

01

OF OCC.

1

NAME (LAST, FIRST, MIDDLE)

Doe, Jane

Merriman, Jennifer No

Address (STREET, CITY, STATE, ZIP CODE)

Unknown,

SOCIAL SECURITY NUMBER

DATE OF BIRTH

01/01/1990

AGE

F

SEX

F

HOME PHONE #

WORK PHONE #

DL STATE

DL #

LP STATE

LP #

INJURED TAKEN BY

4

1 NONE

2 EMS

3 POLICE

4 OTHER

5 UNKNOWN

TRANSPORTED BY

Forneys

INJURED TAKEN TO

Franklin County Morgue

OWNER NAME (IF SAME, WRITE "SAME")

Estrada, Hector

Address (STREET, CITY, STATE, ZIP CODE)

2616 Sunbury Rd, Columbus, OH 43219

YEAR

2000

MAKE

23 - Mitsubishi

MODEL

82 - Eclipse

COLOR

Silver or

INSURANCE COMPANY

TOWING SERVICE

MTS - Impound

OWNER PHONE #

OFFENSE CHARGED

OFFENSE DESCRIPTION

CITATION #

LOCAL CODE

X
IF YES

B

UNIT #

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 STATE

DL #

LP STATE

LP #

INJURED TAKEN BY

1 NONE

2 EMS

3 POLICE

4 OTHER

5 UNKNOWN

TRANSPORTED BY

INJURED TAKEN TO

OWNER NAME (IF SAME, WRITE "SAME")

Address (STREET, CITY, STATE, ZIP CODE)

YEAR

MAKE

MODEL

COLOR

INSURANCE COMPANY

TOWING SERVICE

OWNER PHONE #

OFFENSE CHARGED

OFFENSE DESCRIPTION

CITATION #

LOCAL CODE

X
IF YES

C

UNIT #

NAME (LAST, FIRST, MIDDLE)

Adair, Dan

HOME PHONE #

614-645-4545

DATE OF BIRTH

AGE

SEX

M

Address (STREET, CITY, STATE, ZIP CODE)

120 Marconi Blvd Columbus, Ohio 43215

INJURED TAKEN BY

1 NONE 4 OTHER
2 EMS 5 UNKNOWN
3 POLICE

TRANSPORTED BY

INJURED TAKEN TO

D

UNIT #

NAME (LAST, FIRST, MIDDLE)

HOME PHONE #

DATE OF BIRTH

AGE

SEX

Address (STREET, CITY, STATE, ZIP CODE)

INJURED TAKEN BY

1 NONE 4 OTHER
2 EMS 5 UNKNOWN
3 POLICE

TRANSPORTED BY

INJURED TAKEN TO

01

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/3RD 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

01

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 USED

09 HELMET USED

10 PROTECTIVE PADD

11 REFLECTIVE CLOTHING

12 LIGHTING

13 OTHER

14 UNKNOWN

1

AIR BAG

1 NOT DEPLOYED

2 DEPLOYED FRONT

3 DEPLOYED SIDE

4 DEPLOYED BOTH FRONT/SIDE

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

2

TRAPPED

1 NOT TRAPPED

2 EXTRACTED BY MECHANICAL MEANS

3 FREED BY NON-MECHANICAL MEANS

4 UNKNOWN

5

INJURIES

1 NO INJURY

2 POSSIBLE

3 NON-INCAPACITATING

4 INCAPACITATING

5 FATAL INJURY

6 UNKNOWN

DEC 14 2010

SUPPLEMENT

X IF YES

Motorist/Non-Motorist

Occupant

UNIT NUMBERS <div>01</div>		DAMAGE AREA 		PRE-CRASH ACTIONS <div>10</div>		SEQUENCE OF EVENTS <div>12</div> <div>16</div>		POSTED SPEED <div>25</div>		DRUG TEST STATUS <div>5</div>									
NON-MOTORIST LOCATION <div></div>		TYPE OF UNIT <div>02</div>		MOST DAMAGED AREA <div>04</div>		CONTRIBUTING CIRCUMSTANCES <div>21</div>		TRAFFIC CONTROL <div>08</div>		DRUG TEST TYPE <div>2</div>									
MARKED CROSSWALK AT INTERSECTION INTERSECTION/NO CROSSWALK NON-INTERSECTION CROSSWALK DRIVEWAY ACCESS CROSSWALK IN ROADWAY NOT IN ROADWAY MEDIAN (BUT NOT SHOULDER) ISLAND SHOULDER SIDEWALK WITHIN 10 FEET OF ROADWAY (NOT SHOULDER, MEDIAN, SIDEWALK, ISLAND) BEYOND 10 FEET OF ROADWAY (WITHIN TRAFFICWAY) OUTSIDE TRAFFICWAY SHARED USE PATHS OR TRAILS UNKNOWN		MOTORIST 01 SUB-COMPACT 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, 5 TIRES 10 SINGLE UNIT TRUCK; 3+ AXLES 11 TRUCK/TRAILER 12 TRUCK TRACTOR (BOSTAL) 13 TRACTOR/SEMI-TRAILER 14 TRACTOR/DOUBLE SHORT 15 TRACTOR/DOUBLE LONG 16 FIFTH WHEEL OR CONVERTER DOLLY 17 TRACTOR/TRIPLES 18 MOTORCYCLE 19 MOTORIZED 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 PEDALCYCLIST 40 SKATER 41 OTHER NON-MOTORIST 42 UNKNOWN		POINT OF IMPACT <div>04</div>		NON-MOTORIST 01 NONE 02 FAILURE TO YIELD 03 RAN RED LIGHT, OR STOP SIGN 04 EXCEEDED SPEED LIMIT 05 UNSAFE SPEED 06 IMPROPER TURN 07 LEFT OF CENTER 08 FOLLOWED TOO CLOSELY/TAO 09 IMPROPER LANE CHANGES/ DROVE OFF ROAD/ IMPROPER PASSING 10 IMPROPER BACKING 11 IMPROPER START FROM PARKED POSITION 12 STOPPED OR PARKED ILLEGALLY 13 OPERATING VEHICLE IN EXOTIC, RECKLESS, CARELESS, NEGLIGENT OR AGGRESSIVE MANNER 14 SWERVING TO AVOID (DUE TO WIND, SLIPPERY SURFACE, VEHICLE, OBJECT, NON-MOTORIST IN ROADWAY, ETC) 15 FAILURE TO CONTROL 16 VISION OBSTRUCTION 17 DRIVER INATTENTION 18 FELL/ASLEEP 19 OPERATING DEFECTIVE EQUIPMENT 20 LOAD SHIFTING/FALLING/SPILLING 21 OTHER IMPROPER ACTION 22 UNKNOWN NON-MOTORIST 23 NONE 24 IMPROPER CROSSING 25 DRIVING 26 LYING AND/OR ILLEGALLY IN ROADWAY 27 FAILURE TO YIELD RIGHT OF WAY 28 NOT VISIBLE (DARK CLOTHING) 29 INATTENTIVE 30 FAILURE TO OBEY TRAFFIC SIGNS, SIGNALS, OR OFFICER 31 WRONG SIDE OF THE ROAD 32 OTHER 33 UNKNOWN		COLLISION WITH PERSON, VEHICLE, OR OBJECT (NOT FIXED) 01 PEDESTRIAN 02 BICYCLE 03 RAILWAY VEHICLE 04 ANIMAL-FARM 05 ANIMAL-OTHER 06 ANIMAL-OTHER 07 MOTOR VEHICLE IN TRANSPORT 08 PARKED MOTOR VEHICLE 09 WORK ZONE MAINTENANCE EQUIPMENT 10 OTHER MOVABLE OBJECT 11 UNKNOWN MOVABLE OBJECT COLLISION WITH FIXED OBJECT 12 IMPACT ATTENTION/CRASH CUSHION 13 BARRIER OVERHEAD STRUCTURE 14 BRIDGE PIER OR ABUTMENT 15 BROKE FLAREPOT 16 BROKE RAIL 17 GUARDRAIL FACE 18 GUARDRAIL END 19 MEDIAN BARRIER 20 HIGHWAY TRAFFIC SIGN POST 21 OVERHEAD SIGN POST 22 LIGHT/LUMINAIRE SUPPORT 23 UTILITY POLE 24 OTHER POST, POLE OR SUPPORT 25 CULVERT 26 DITCH 27 EMBANKMENT 28 FENCE 29 MAILBOX 30 TREE 31 OTHER FIXED OBJECT 32 WORK ZONE MAINTENANCE EQUIPMENT 33 UNKNOWN FIXED OBJECT 34 OTHER 35 UNKNOWN		CONDITION <div>8</div>		ALCOHOL/DRUG SUSPECTED <div>6</div>		ALCOHOL TEST STATUS <div>5</div>		ALCOHOL TEST TYPE <div>2</div>		ROAD CONDITIONS 01 DRY 02 WET 03 SNOW 04 ICE 05 SAND, MUD, DIRT, OR GRAVEL 06 WATER (STANDING, MOVING) 07 SLUSH 08 DEBRIS** 09 RUTS, HOLES, BUMPS, UNEVEN PAVEMENT** 10 OTHER 11 UNKNOWN ** SECONDARY ROAD CONDITIONS ONLY	
IN EMERGENCY RESPONSE <div></div>		STRIKING VEHICLE: OVERSIDE / UNDERSIDE <div>1</div>		VEHICLE DEFECT CODE ONLY IF "19" SELECTED ABOVE <div></div>		SPEED DETECTED <div>1</div>		ALCOHOL TEST RESULT <div></div>		LOCAL REPORT # <div>28307</div>									
DAMAGE SCALE <div>5</div>		1 NO UNDERGIDE OR OVERSIDE UNDERGIDE, COMPARTMENT INTRUSION 2 UNDERGIDE, NO COMPARTMENT INTRUSION 3 UNDERGIDE, COMPARTMENT INTRUSION UNKNOWN 4 OVERSIDE, MOTOR VEHICLE IN TRANSPORT 5 OVERSIDE, OTHER VEHICLE 6 UNKNOWN		01 TURN SIGNALS 02 HEAD LAMPS 03 TAIL LAMPS 04 BRAKES 05 STEERING 06 TIRE BLOWOUT 07 WORN OR SLICK TIRES 08 TRAILER EQUIPMENT DEFECTIVE 09 MOTOR TROUBLE 10 DISABLED FROM PRIOR CRASH 11 OTHER DEFECTS		1 STATED 2 ESTIMATED SPEED SPEED <div>0</div>		1 NONE 2 BLOOD 3 URINE 4 BREATH 5 OTHER		1 NONE 2 TEST REFUSED 3 TEST GIVEN, CONTAMINATED SAMPLE/UNUSABLE 4 TEST GIVEN, RESULTS KNOWN 5 TEST GIVEN, RESULTS UNKNOWN 6 UNKNOWN		1 NONE 2 MARIJUANA 3 COCAINE 4 OPIATES 5 AMPHETAMINES 6 PCP 7 OTHER 8 UNKNOWN AT TIME OF REPORTING TYPE OF INTERSECTION <div>11</div>							

Narrative

ACCORDING TO WITNESS, UNIT #1 WAS EASTBOUND ON E COOKE RD JUST EAST OF INDIANOLA AVE, AT THE RAILWAY GRADE CROSSING. UNIT #1 BECAME STUCK ON THE EASTERN MOST TRACK. WITNESS #1 STATED HE WAS ABLE TO GET DRIVER #1 TO EXIT THE VEHICLE, BUT THAT DRIVER #1 RETURNED BACK TO THE VEHICLE JUST BEFORE BEING STRUCK BY A NORTHBOUND TRAIN. THE LOCOMOTIVE IS OWNED BY NORFOLK AND SOUTHERN RAILROAD COMPANY. THE TRAIN CONSISTED OF 1 ENGINE #6676, AND 72 RAILCARS, ALL EMPTY, WITH A TOTAL WEIGHT OF 2,253 TONS. THE ENGINEER WAS MICHAEL GISH AND THE CONDUCTOR WAS JEREMY YOUNG. EMS 13 PRONOUNCED DRIVER #1 DECEASED AT 1835 HRS. ACCIDENT INVESTIGATIONS UNIT WAS NOTIFIED AND RESPONDED.

MANNER OF COLLISION OR IMPACT SCHOOL BUS RELATED

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

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

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

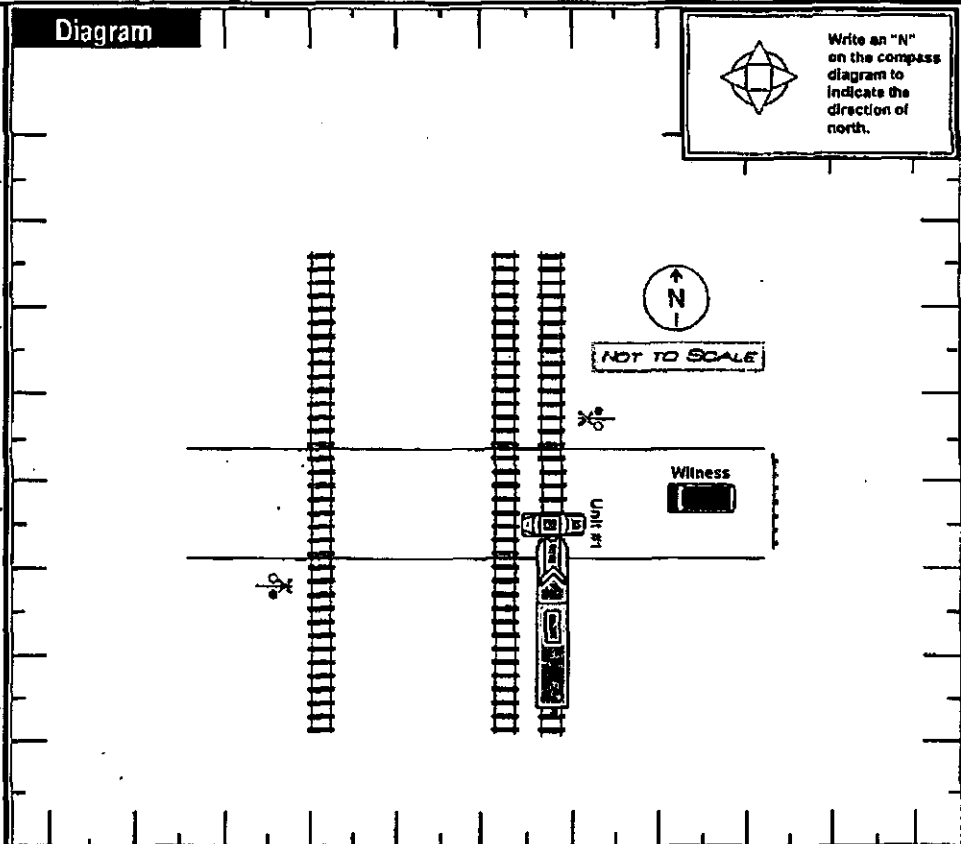
LOCATION OF CRASH IN WORK ZONE

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

WORKERS PRESENT

- 1
- 1 NO
 - 2 YES
 - 3 UNKNOWN

Diagram



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

Truck/Bus

Unit #

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 8 PERSONS, INCLUDING DRIVER.

COMPANY (FROM SHIPPING PAPERS)

ADDRESS (STREET, CITY ST, ZIP CODE)

A
N
D

THE CRASH RESULTED IN ONE OR MORE OF THE FOLLOWING:

A FATALITY; OR
A PERSON REQUIRING TRANSPORTATION FOR IMMEDIATE MEDICAL TREATMENT; OR
AT LEAST ONE VEHICLE WAS TOWED DUE TO REARLINO DAMAGE OR REQUIRED INTERVENING ASSISTANCE BEFORE PROCEEDING UNDER ITS OWN POWER.

COMPANY PHONE

US DOT	ICC MC	PUCO	TRAILER LP ST.	TRAILER LP YEAR	TRAILER LP #	PLACARD #	# DIA.
CARGO BODY TYPE	05 POLE	06 CARGO TANK	07 FLATBED	08 DUMP	09 CONCRETE MIXER	10 AUTO TRANSPORTER	11 GARBAGE/REFUSE
01 NOT APPLICABLE	02 BUS (3-15 INCLUDING DRIVER)	03 VAN/ENCLOSED BOX	04 GRAB/CHIPS/GRAVEL				
WEIGHT (GVWR)	CDL CLASS	HAZARDOUS MATERIALS PLACARD	HAZARDOUS MATERIALS RELEASED				
1 LESS/EQUAL 10,000	1 CLASS A	1 NO	1 NO				
2 10,001 - 25,000	2 CLASS B	2 YES	2 YES				
3 MORE THAN 25,000	3 CLASS C	3 UNKNOWN	3 NOT APPLICABLE				
	4 CLASS D		4 UNKNOWN				

Police Action

DATE CRASH REPORTED	TIME REC CALL	Dispatch	Arrived	Cleared	Other	TOTAL MINUTES
12/07/10	1824	1825	1826	2025	60	180
OFFICER'S NAME	BADE #	CHECKED BY	DATE REPORT FILED			
Barrett, Robert	1555	Gordon, Fay	12/07/10			
REPORT TAKEN BY	REPORT TAKEN AT	SUPPLEMENT	LOCAL REPORT #			
1 POLICE AGENCY	1 SCENE	2 YES	28307			
2 MOTORIST	2 STATION					
	3 OTHER					