

Ms Susan Kirkland

Ohio Rail Development Commission

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Columbus, Oh 43215

Mr Ben Biesterveld

CSX Transportation

500 Water St J301

Jacksonville, Fl 32202

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PO Box 206

Haskins, Oh 43525

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Board of Public Affairs

18545 Main St

PO Box 238

Tontogany, Oh 43565

**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 *TD*
SUBJECT: Grade Crossing Warning Projects,
DATE: June 5, 2009

RAIL DIVISION

RECEIVED
PUCO
JUN 10 PM 2:56
JUN 10 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-Township Road 79/Hull Prairie Road AAR # 155 811 D MIDDLETON TWP

Wood-Township Road 17/Dowling Road AAR # 513 622 V MIDDLETON TWP
(90% ORDC/10% CSX)

Wood-Lincoln Street & Washington Street # AAR # 155 795 W, AAR #
155 798 S VILLAGE OF TONTOGANY

Thank you for your assistance with these matters.

TD:tjd

c:S. Kirkland, T. Darfus



Diagnostic Review Team Survey

Date: 3/30/09 1030 AM

Location Data

Street or Road Name: HULL PRAIRIE RD			
Route/Road Number (i.e. Twp., Co., SR or US) TR 97 (include SLM if State or US route)		AAR-DOT No.: 155-811D	
County: WOOD	Township: MIDDLETON TWP WASHINGTON	City: (In or Near) NEAR PERRYSBURG	
Railroad Name: CSX	Railroad Division: LOUISVILLE	Branch/Line Name:	
Nearest RR Timetable Station: HASKINS		RR Milepost: BE 188.33	

On-Site Review Team

(Include: Name - Organization - Phone Number)

1. GEORGE MARTIN PUCO 614-752-9107
2. Jim Allarding CSX 419 619-1847
3. Rod Daisfus ORDCO 614 644-0306
4. Jim [unclear] [unclear] 419 352 3018
5. _____
6. _____
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	RUMBLE STRIPS N. OF TRACK
Crossbucks	☒ Yes	☐ No	
Number of Tracks Signs	☐ Yes	☒ No	
Inventory Tags	☒ Yes	☐ No	
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 10/20/06	
Hazard Ranking 99	Date Run: 3/4/09	
Railroad Data		
Railroad Characteristics	Initial Information (from database)	Revised
Total trains per day	8	
< 1 per day		
Day thru trains	3	
Night thru trains	5	
Daytime switching movements	0	
Nighttime switching movements	0	
Total number of tracks	1	
Number of main tracks	1	
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		
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: MIDDLETON (Who maintains this roadway?) WASHINGTON TWP		
Roadway Characteristics	Initial Information (from database)	Revised
Average daily traffic	415 (2007)	
Highway paved	☒ Yes ☐ No	☐ Yes ☐ No
Roadway Surface: ☒ Blacktop ☐ Gravel ☐ Concrete ☐ Other _____		
Roadway width: 18 ft.		
Number of highway lanes	2	
Urban or Rural?	RURAL	
Vehicle Speed:	55 MPH	
School Bus Operation: ☐ No ☒ Yes 4 Amount		
Hazardous Materials Trucks: ☐ No ☒ Yes _____ Amount FERTILIZER & 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) _____		

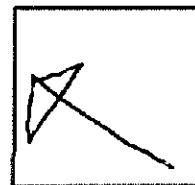
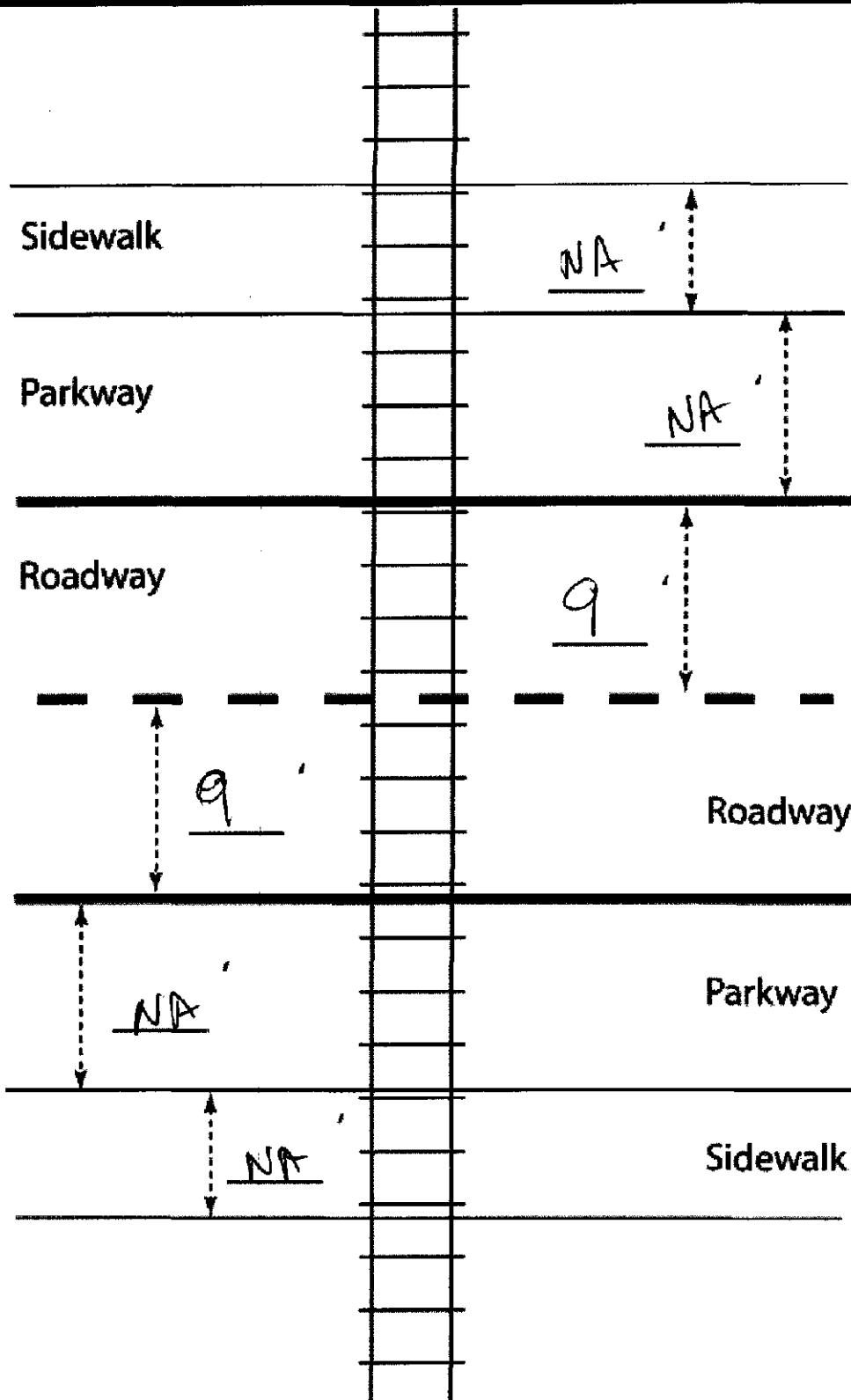
Quadrant _____ Curb and Gutter: ☐ Functional (Curb height = 4" or more) ☐ Non-functional (Curb height = Less than 4") ☒ None	Quadrant _____ Curb and Gutter: ☐ Functional (Curb height = 4" or more) ☐ Non-functional (Curb height = Less than 4") ☒ None
Pedestrians: ☒ No ☐ Yes	
Is sidewalk present? ☒ No ☐ 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 ☐ Institutional ☐ Industrial ☒ Commercial ☒ Residential	Location of nearby schools: _____

Utility Information
Is commercial power available? ☐ No ☒ Yes Utility Provider (Company Name) <u>OHIO EDISON - NYNERGY</u> Phone Number _____ Nearest Available Power Source <u>AT XING</u> What other utilities are present? <u>WATER - TELEPHONE</u> Is there potential utility conflict(s) ☐ Yes ☐ No ☒ Unknown

Diagnostic Team Recommendations	
☒ 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) _____	Quadrants Needed _____ _____ _____ _____ _____ _____ _____ _____ _____
Comments: <u>A PLATFORM WILL BE NEEDED FOR THE GATE IN THE NW QUADRANT DUE TO A CULVERT.</u>	
☐ Install/upgrade traffic signal preemption ☐ No improvements needed ☐ Other (define) _____	

Field Dimensions

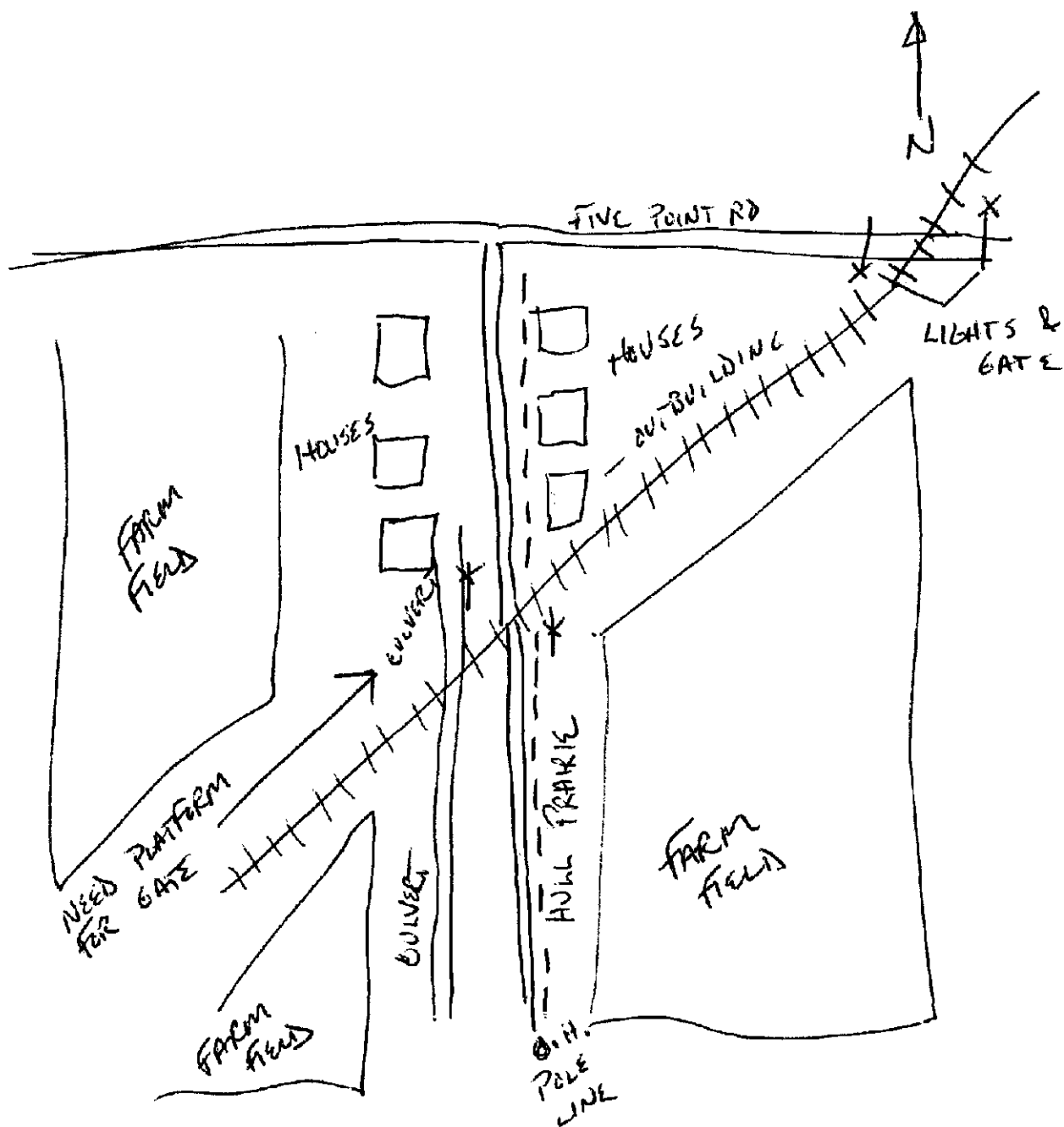


Show North
Direction

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

Measurements by: GM

Field Sketch



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



8753906

CRASH SEVERITY
2 1 FATAL 3 POB
2 INJURY 4 UNKNOWNPRIVATE PROPERTY
1 NOT INVOLVED
2 INVOLVED
3 INVOLVEDPHOTOS TAKEN
XOH-2 OH-3 OH-1P OTHER
X X

08700

REPORTING AGENCY #

Wood County Sheriff

02

01

OH - Annual
99 - Unknown

10202006

1035

DAY OF WEEK

FRI

NAME (OF CITY, VILLAGE OR TOWNSHIP) #

X Middleton

87

LATITUDE

LONGITUDE

CRASH LOCATION	TYPE LOC	TYPE LOCATION	ROUTE USED	LOCAL INFORMATION
Hull Prairie Rd	1	1 NAMED STREET 2 NUMBERED ROUTE		Photo Pouch # 320-06
REFERENCE POINT USED	REF POINT	REFERENCE POINT USED		
01 STATE LINE 02 INTERSECTION 2 STREETS 03 COUNTY LINE	02	04 HOUSE NUMBER 05 TOWNSHIP BOUNDARY 06 BELL POST 07 CORPORATION LIMIT		08 PLACE NAME W/O REFERENCE 09 DIVERGENT 10 STREET OR ROUTE W/O REFERENCE

NAME (LAST, FIRST, MIDDLE)	010102	Bergman, Karen L
ADDRESS (STREET, CITY, STATE, ZIP CODE)	19474 Hull Prairie Rd	

DL STATE	DL #	LP STATE	LP #	INSURED TAKEN BY	1 NONE 4 OTHER 2 EMS 5 UNKNOWN 3 POLICE	TRANSPORTED BY	INSURED TAKEN TO
OH	RU235701	OH	DVL2872	2		Middleton 680	Wood Co ER
OWNER NAME (IF NAME, WRITE "SAME")	Gregory A Bergman		ADDRESS (STREET, CITY, STATE, ZIP CODE)		SAME		
YEAR	MAKE	MODEL	COLOR	INSURANCE COMPANY	TOWING SERVICE	OWNER PHONE #	
2002	Cadillac	Escalade	Black	Progressive	OR's	SAME	

NAME (LAST, FIRST, MIDDLE)	02		NAME (LAST, FIRST, MIDDLE)				
ADDRESS (STREET, CITY, STATE, ZIP CODE)							
DL STATE	DL #	LP STATE	LP #	INSURED TAKEN BY	1 NONE 4 OTHER 2 EMS 5 UNKNOWN 3 POLICE	TRANSPORTED BY	INSURED TAKEN TO
OWNER NAME (IF NAME, WRITE "SAME")	CSX		ADDRESS (STREET, CITY, STATE, ZIP CODE)		239 W Union St Walbridge, Ohio 43465		
YEAR	MAKE	MODEL	COLOR	INSURANCE COMPANY	TOWING SERVICE	OWNER PHONE #	
	EMD534	Q50720	Green	CSX (SELF)			

NAME (LAST, FIRST, MIDDLE)	01	Bergman, Benjamin M	HOME PHONE #	0706200501	M
ADDRESS (STREET, CITY, STATE, ZIP CODE)	19474 Hull Prairie Bowling Green, Ohio 43402				
NAME (LAST, FIRST, MIDDLE)					
ADDRESS (STREET, CITY, STATE, ZIP CODE)					

Motorist/Non-Motorist

Occupant

BLANK FOR
OFFICER

HSY7801

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

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 UNKNOWN
NON-MOTORIST
08 NONE USED
09 HELMET USED
10 PROTECTIVE PADS
11 PROTECTIVE CLOTHING
12 LIGHTS
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 EXTINGUISHED BY
MECHANICAL
MEANS
3 FREED BY
NON-MECHANICAL
MEANS
4 UNKNOWN

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

TOP COPY - ODPS BOTTOM COPY - AGENCY

UNIT NUMBERS

01 02

NON-MOTORIST LOCATION

- 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 OR TRAILS
- 15 UNKNOWN

TYPE OF UNIT

07 29

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
 - 10 SINGLE UNIT TRUCK, 2+ AXLES
 - 11 TRUCK/TRAILER
 - 12 TRUCK TRACTOR (BORTAL)
 - 13 TRACTOR/SEMI-TRAILER
 - 14 TRACTOR/DOUBLE SHOTY
 - 15 TRACTOR/DOUBLE LONG
 - 16 FIFTH WHEEL, OR CONVERTER DOLLY
 - 17 TRACTOR/TRAILER
 - 18 MOTORCYCLE
 - 19 MOTORBIKE/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 TRAM
 - 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 PEDESTALYST
 - 40 SKATER
 - 41 OTHER-NON MOTORIST
 - 42 UNKNOWN

IN EMERGENCY RESPONSE

1 1

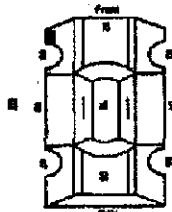
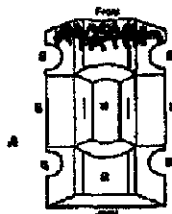
- 1 NO
- 2 YES
- 3 UNKNOWN

DAMAGE SCALE

5 1

- 1 NONE
- 2 NON-FUNCTIONAL DAMAGE
- 3 FUNCTIONAL DAMAGE
- 4 DISAPPEARING DAMAGE
- 5 SEVERE
- 6 UNKNOWN

DAMAGE AREA



MOST DAMAGED AREA

02 09

- 01 NONE
- 02 CENTER FRONT
- 03 RIGHT FRONT
- 04 RIGHT SIDE
- 05 RIGHT REAR
- 06 REAR CENTER
- 07 LEFT REAR
- 08 LEFT SIDE
- 09 LEFT FRONT
- 10 TOP AND WINDSHIELD
- 11 UNDERCARRIAGE
- 12 LOAD/TRAILER
- 13 TOTAL (ALL AREAS)
- 14 OTHER
- 15 UNKNOWN

POINT OF IMPACT

02 09

- 01 NONE
- 02 CENTER FRONT
- 03 RIGHT FRONT
- 04 RIGHT SIDE
- 05 RIGHT REAR
- 06 REAR CENTER
- 07 LEFT REAR
- 08 LEFT SIDE
- 09 LEFT FRONT
- 10 TOP AND WINDSHIELD
- 11 UNDERCARRIAGE
- 12 LOAD/TRAILER
- 13 TOTAL (ALL AREAS)
- 14 OTHER
- 15 UNKNOWN

ACTION

4 1

- 1 NON-CONTACT
- 2 NON-COLLISION
- 3 STRUCK
- 4 STRUCK
- 5 BOTH STRUCK AND STRUCK
- 6 UNKNOWN

STRUCK VEHICLE OVERLAPS/ UNDERLAPS

1

- 1 NO UNDERLAP OR OVERLAP
- 2 UNDERLAP, COMPARTMENT INTRUSION
- 3 UNDERLAP, NO COMPARTMENT INTRUSION
- 4 UNDERLAP, COMPARTMENT INTRUSION UNKNOWN
- 5 OVERLAP, MOTOR VEHICLE IN TRAFFICWAY
- 6 OVERLAP, OTHER VEHICLE
- 7 UNKNOWN

PRE-CRASH ACTIONS

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/STUCK IN TRAFFIC
 - 12 DRIVERLESS
 - 13 OTHER
 - 14 UNKNOWN
- NON-MOTORIST
- 15 ENTERING/CROSSING IN SPECIFIED LOCATION
 - 16 WALKING, RUNNING, JOGGING, PLAYING, CYCLING
 - 17 WORKING
 - 18 PUSHING VEHICLE
 - 19 APPROACHING/LEAVING VEHICLE
 - 20 PLAYING/WORKING ON VEHICLE
 - 21 STANDING
 - 22 OTHER
 - 23 UNKNOWN

CONTRIBUTING CIRCUMSTANCES

02 01

MOTORIST

- 01 NONE
 - 02 FAILURE TO YIELD
 - 03 RUN RED LIGHT, OR STOP SIGN
 - 04 EXCEEDED SPEED LIMIT
 - 05 UNSAFE SPEED
 - 06 IMPROPER TURN
 - 07 LEFT OF CENTER
 - 08 FOLLOWED TOO CLOSELY (ACCA)
 - 09 IMPROPER LANE CHANGE/ DROVE OFF ROAD
 - 10 IMPROPER PASSING
 - 11 IMPROPER BACKING
 - 12 IMPROPER START FROM PARKED POSITION
 - 13 STOPPED ON PARKED ILLEGALLY
 - 14 OPERATING VEHICLE IN ERRATIC, RACKLESS, CARELESS, NEGLIGENT OR AGGRESSIVE MANNER
 - 15 SWERVING TO AVOID (DUE TO WIND, SLIPPERY SURFACES, VEHICLE, OBJECT, NON-MOTORIST IN ROADWAY, ETC.)
 - 16 FAILURE TO CONTROL
 - 17 VISION OBSTRUCTION
 - 18 DRIVER INATTENTION
 - 19 FATIGUE/ASLEEP
 - 20 OPERATING DEFECTIVE EQUIPMENT
 - 21 LOAD SHIFTING/FALLING/COLLING
 - 22 OTHER IMPROPER ACTION
 - 23 UNKNOWN
- NON-MOTORIST
- 24 NONE
 - 25 IMPROPER CROSSING
 - 26 DRIVING
 - 27 LYING ANY/ON ILLEGALLY IN ROADWAY
 - 28 FAILURE TO YIELD RIGHT OF WAY
 - 29 NOT VISIBLE (DARK CLOTHING)
 - 30 INATTENTIVE
 - 31 FAILURE TO OBEY TRAFFIC SIGNS, SIGNALS, OR OFFICER
 - 32 WRONG SIDE OF THE ROAD
 - 33 OTHER
 - 34 UNKNOWN

VEHICLE DEFECT CODE ONLY IF "3" SELECTED ABOVE

1 1

- 01 TURN SIGNALS
- 02 HEAD LAMPS
- 03 TAIL LAMPS
- 04 BRAKES
- 05 STEERING
- 06 TIRE BLOWOUT
- 07 WORK ON SUCH THINGS
- 08 TRAILER EQUIPMENT DEFECTIVE
- 09 MOTOR THROATLE
- 10 DISABLED FROM PREVIOUS CRASH
- 11 OTHER DEFECTS

SEQUENCE OF EVENTS

20 20

NON-COLLISION

- 01 OVERTURN/ROLLOVER
- 02 FIRE/EXPLOSION
- 03 UNDERPIN
- 04 JACKKNIFE
- 05 CARGO/EQUIPMENT LOAD/SHIFT
- 06 EQUIPMENT FAILURE
- 07 SEPARATION OF UNITS
- 08 RAN OFF ROAD RIGHT
- 09 RAN OFF ROAD LEFT
- 10 CROSS-MEDIAN/CENTERLINE
- 11 DOWNHILL RUMBLAY
- 12 OTHER NON-COLLISION
- 13 UNKNOWN NON-COLLISION
- 14 COLLISION W/PERSON, VEHICLE, OR OBJECT NOT FIXED
- 15 PEDESTRIAN
- 16 BICYCLE
- 17 RAILWAY VEHICLE
- 18 ANIMAL - FARM
- 19 ANIMAL - DEER
- 20 ANIMAL - OTHER
- 21 MOTOR VEHICLE IN TRANSPORT
- 22 PARKED MOTOR VEHICLE
- 23 WORK ZONE MAINTENANCE EQUIPMENT
- 24 OTHER MOVABLE OBJECT
- 25 UNKNOWN MOVABLE OBJECT

COLLISION WITH FIXED OBJECT

- 26 IMPACT ATTENTION/CRAZY CLIMBING
- 27 BRIDGE OVERHEAD STRUCTURE
- 28 BRIDGE PIER OR ABUTMENT
- 29 BRIDGE PAVEMENT
- 30 BRIDGE RAIL
- 31 BRIDGE FACE
- 32 GUARDRAIL END
- 33 MEDIAN BARRIER
- 34 HIGHWAY TRAFFIC SIGN POST
- 35 OVERHEAD SIGN POST
- 36 LIGHT/UNUSUAL SUPPORT
- 37 UTILITY POLE
- 38 OTHER POST, POLE OR SUPPORT
- 39 CULVERT
- 40 CURB
- 41 DITCH
- 42 EMBANKMENT
- 43 FENCE
- 44 MAILBOX
- 45 TREE
- 46 OTHER FIXED OBJECT
- 47 WORK ZONE MAINTENANCE EQUIPMENT
- 48 UNKNOWN FIXED OBJECT
- 49 OTHER
- 50 UNKNOWN

FIRST HARMFUL EVENT

1 1

OF THE SEQUENCE OF EVENTS - WHICH ONE IS THE FIRST HARMFUL EVENT (1-4)

MOST HARMFUL EVENT

1 1

OF THE SEQUENCE OF EVENTS - WHICH ONE IS THE MOST HARMFUL EVENT (1-4)

SPEED DETECTED

2 2

- 1 STATED
- 2 ESTIMATED SPEED

SPEED

10 42

POSTED SPEED

55 50

TRAFFIC CONTROL

07 01

- 01 NO CONTROL
- 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 MAINTENANCE
- 13 CROSSWALK LINES
- 14 WALK/DON'T WALK SIGNAL
- 15 TRAFFIC CONTROL DEVICE INOPERATIVE, MISSING, OBSCURED
- 16 OTHER

CORRECTION

58 21

DIRECTION

- 1 NORTH
- 2 SOUTH
- 3 EAST
- 4 WEST
- 5 NORTHEAST
- 6 NORTHWEST
- 7 SOUTHEAST
- 8 SOUTHWEST
- 9 UNKNOWN

CONDITION

8 1

- 1 APPARENTLY NORMAL
- 2 PHYSICAL IMPAIRMENT
- 3 EMOTIONAL
- 4 ILLNESS
- 5 FELL ASLEEP, FARTHER, FATIGUED, ETC
- 6 UNDER THE INFLUENCE OF MEDICATIONS/DRUGS/ALCOHOL
- 7 OTHER
- 8 UNKNOWN

ALCOHOL/DRUGS SUSPECTED

1 1

- 1 NONE
- 2 YES - ALCOHOL SUSPECTED
- 3 YES - HBD NOT IMPAIRED
- 4 YES - OTHER 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
- 2 BLOOD
- 3 URINE
- 4 BREATH
- 5 OTHER

ALCOHOL TEST RESULT

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 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

DRUG TEST TYPE

1 1

- 1 NONE
- 2 SUDOR
- 3 URINE
- 4 OTHER

DRUG TEST 1&2 RESULT

1 1

- 1 NONE
- 2 MARIJUANA
- 3 COCAINE
- 4 CRACKS
- 5 AMPHETAMINE
- 6 PCP
- 7 OTHER
- 8 UNKNOWN AT TIME OF REPORTING

TYPE OF INTERSECTION

1 1

- 01 NON AN INTERSECTION
- 02 FOUR-WAY INTERSECTION
- 03 T-INTERSECTION
- 04 Y-INTERSECTION
- 05 TRAFFIC CIRCLE/ROUNDABOUT
- 06 PIVOTPOINT, OR MORE
- 07 ON RAMP
- 08 OFF RAMP
- 09 CROSSOVER
- 10 DRIVEWAY/ACCESS
- 11 RAILWAY GRADE CROSSING
- 12 SHARED-USE PATHS OR TRAILS
- 13 UNKNOWN

OCCURRENCE

1 1

- 1 ON ROADWAY
- 2 ON SHOULDER
- 3 IN MEDIAN
- 4 ON ROADSIDE
- 5 ON GORE
- 6 OUTSIDE TRAFFICWAY
- 7 UNKNOWN

ROAD CONTOUR

2

- 1 STRAIGHT LEVEL
- 2 STRAIGHT GRADE
- 3 CURVE LEVEL
- 4 CURVE GRADE

ROAD CONDITIONS

01 1

- 01 DRY
- 02 WET
- 03 SNOW
- 04 ICE
- 05 SAND, MUD, DIRT, OIL, GRAVEL
- 06 WATER (STANDING, MOVING)
- 07 SLUSH
- 08 DEBRIS
- 09 RUT, HOLES, BUMPS, UNEVEN PAVEMENT
- 10 OTHER
- 11 UNKNOWN

**SECONDARY ROAD CONDITIONS ONLY

8753906

Narrative

Unit #1 was Northbound on Hull Prairie Rd. Unit #2 (train) was heading Southwest down the Railroad tracks. Unit #1 failed to yield to Unit #2 causing Unit #2 to strike Unit #1.

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 SIDEWIRE, SAME DIRECTION
 - 8 SIDEWIRE, OPPOSITE DIRECTION
 - 9 UNKNOWN

WEATHER

02

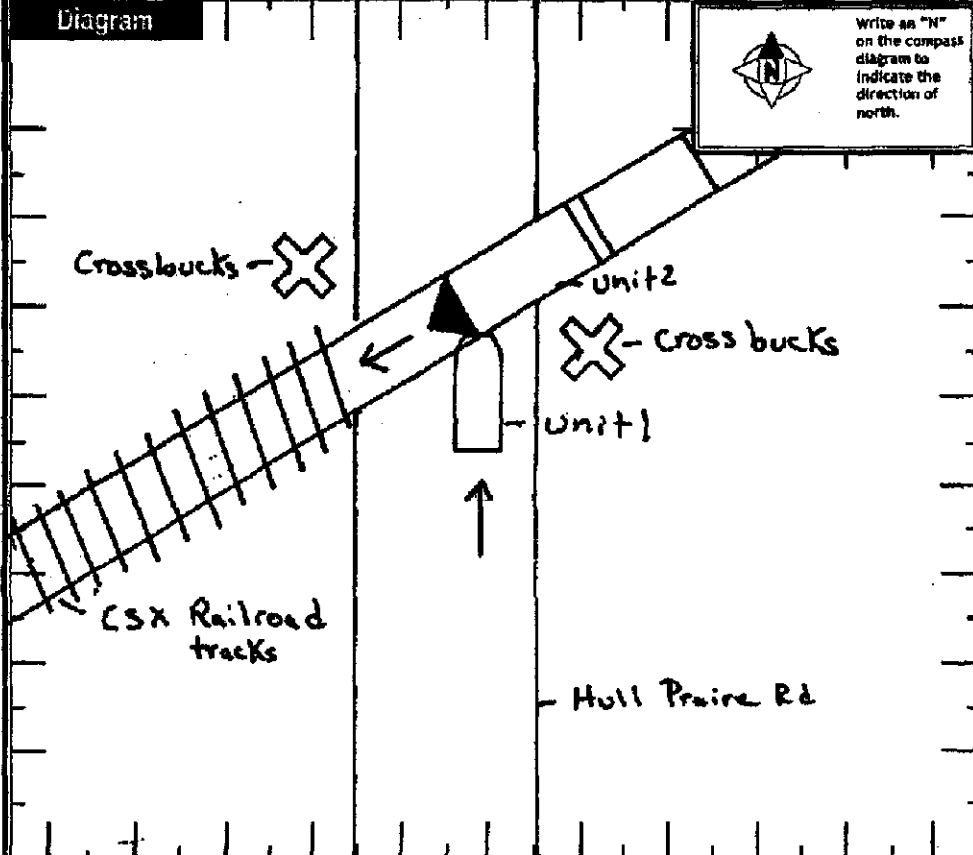
- 01 CLEAR
- 02 CLOUDY
- 03 FOG, SMOG, SMOKES
- 04 RAIN
- 05 SLEET, HAIL (FREEZING RAIN OR ICE)
- 06 SNOW
- 07 SEVERE CROSSWIND
- 08 BLOWING SAND, SOIL, DIRT, SNOW
- 09 OTHER
- 10 UNKNOWN

LIGHT CONDITIONS

- 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 NO
 - 2 YES, DIRECTLY INVOLVED
 - 3 YES, INDIRECTLY INVOLVED
 - 4 UNKNOWN
- WORK ZONE RELATED
- 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 BEFORE FIRST WORK ZONE
 - 2 ADVANCE WARNING AREA
 - 3 TRANSITION AREA
 - 4 ACTIVITY AREA
- WORKERS PRESENT
- 1 NO
 - 2 YES
 - 3 UNKNOWN

Diagram



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 FOR AT LEAST 8 PERSONS, INCLUDING DRIVER.

A
N
D

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

PUGC

TRAILER LP ST.

TRAILER LP YEAR

TRAILER LP #

CARGO BODY TYPE

- 01 NOT APPLICABLE
- 02 BOX (8-15 INCLUDING DRIVER)
- 03 VAN/ENCLOSED BOX
- 04 GROSS/CHASSIS/GRAB

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

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

Weight (GVWR)

- 1 LESS THAN 10,000
- 2 10,001 - 20,000
- 3 MORE THAN 20,000

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 Materials Released

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

Police Action

102020061035 1037 1050 1200 90 173

OFFICER'S NAME

G. Panning

CHECKED BY

Sgt. James Shank

DATE REPORT FILED

10202006

REPORT TAKEN BY

- 1 POLICE AGENCY
- 2 MOTORIST

REPORT TAKEN AT

- 1 SCENE
- 2 STATION
- 3 OTHER

8753906

Top Copy - OOPS Bottom Copy - Agency



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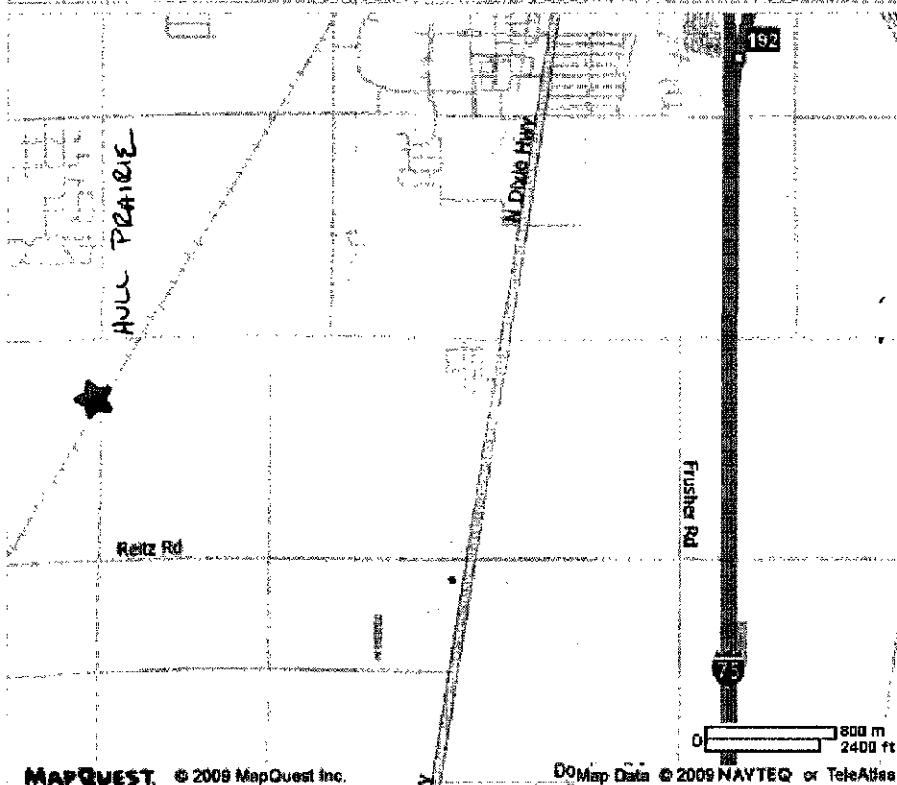
Gas Prices

★ Latitude: 41.5032129

Longitude: -83.6749712



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3/30/09

WOOD

CSX

HULL- PRAIRIE RD (TR 97)

155-811D

1030 AM

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23 TO 15 TO 75 TO EXIT 187
(SR 582 WEST)
TURN RIGHT ON HULL- PRAIRIE



Diagnostic Review Team Survey

Date: 3/30/09 1130 AM

Location Data

Street or Road Name:

LINCOLN ST

Route/Road Number (i.e.
Twp., Co., SR or US)

(include SLM if State or US route)

AAR-DOT
No.:

155-795W

County:

WOOD

Township:

City: (In
or Near)

TONTOGANY

Railroad
Name:

CBX

Railroad
Division:

WN

Branch/Line
Name:

Nearest RR

Timetable Station:

TONTOGANY

RR Milepost:

BE 181.48

On-Site Review Team

(Include: Name - Organization - Phone Number)

1. GEORGE MARTIN RUCO
2. ~~Chris E. Doe~~ TONTOGANY
3. ~~Bob E. Doe~~ TONTOGANY
4. Jim Allarding CBX 419 618 1847
5. Todd D. Davis CRZDC 614 644-0306
- 6.
- 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	
Crossbucks	☒ Yes	☐ No	2
Number of Tracks Signs	☒ Yes	☐ No	2
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 2/18/07	
Hazard Ranking 107	Date Run: 3/4/09	

Railroad Data

Railroad Characteristics	Initial Information (from database)	Revised
Total trains per day	8	
< 1 per day		
Day thru trains	2	
Night thru trains	5	
Daytime switching movements	1	
Nighttime switching movements		
Total number of tracks	3	
Number of main tracks	2	
Number of other tracks	1	
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 ☐ 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:
(Who maintains this roadway?)

VILLAGE OF TONTONGAN

Roadway Characteristics	Initial Information (from database)	Revised
Average daily traffic	43 (2001)	
Highway paved	☒ Yes ☐ No	☐ Yes ☐ No
Roadway Surface: ☒ Blacktop ☐ Gravel ☐ Concrete ☐ Other _____		
Roadway width: 18 ft.		
Number of highway lanes 2		
Urban or Rural? Both		
Vehicle Speed: 25 MPH		

School Bus Operation: ☒ No ☐ Yes 2 AmountHazardous Materials Trucks: ☐ No ☒ Yes _____ AmountShoulders: ☒ No ☐ YesIs the shoulder surfaced? ☒ No ☐ YesIs there existing guardrail along roadway in crossing vicinity? ☒ No ☐ YesIs 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) <u>VILLAGE</u>	Phone Number _____
Nearest Available Power Source <u>AT XING</u>	
What other utilities are present? <u>WATER - ELECTRIC</u>	
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: <u>TRAIN CONTROL SIGNAL IN CLOSE PROXIMITY WILL INCREASE THE COST OF THIS PROJECT.</u>	
☐ Install/upgrade traffic signal preemption	
☐ No improvements needed	
☒ Other (define) <u>WASHINGTON ST. MAY ALSO BE CONSIDERED FOR UPGRADE TO LIGHTS & GATES AS PART OF THIS PROJECT.</u>	

Field Dimensions

Sidewalk

Parkway

Roadway

Roadway

Parkway

Sidewalk

N/A'

9'

N/A'

N/A'

N/A'

N/A'

9'

N/A'

N/A'

N/A'

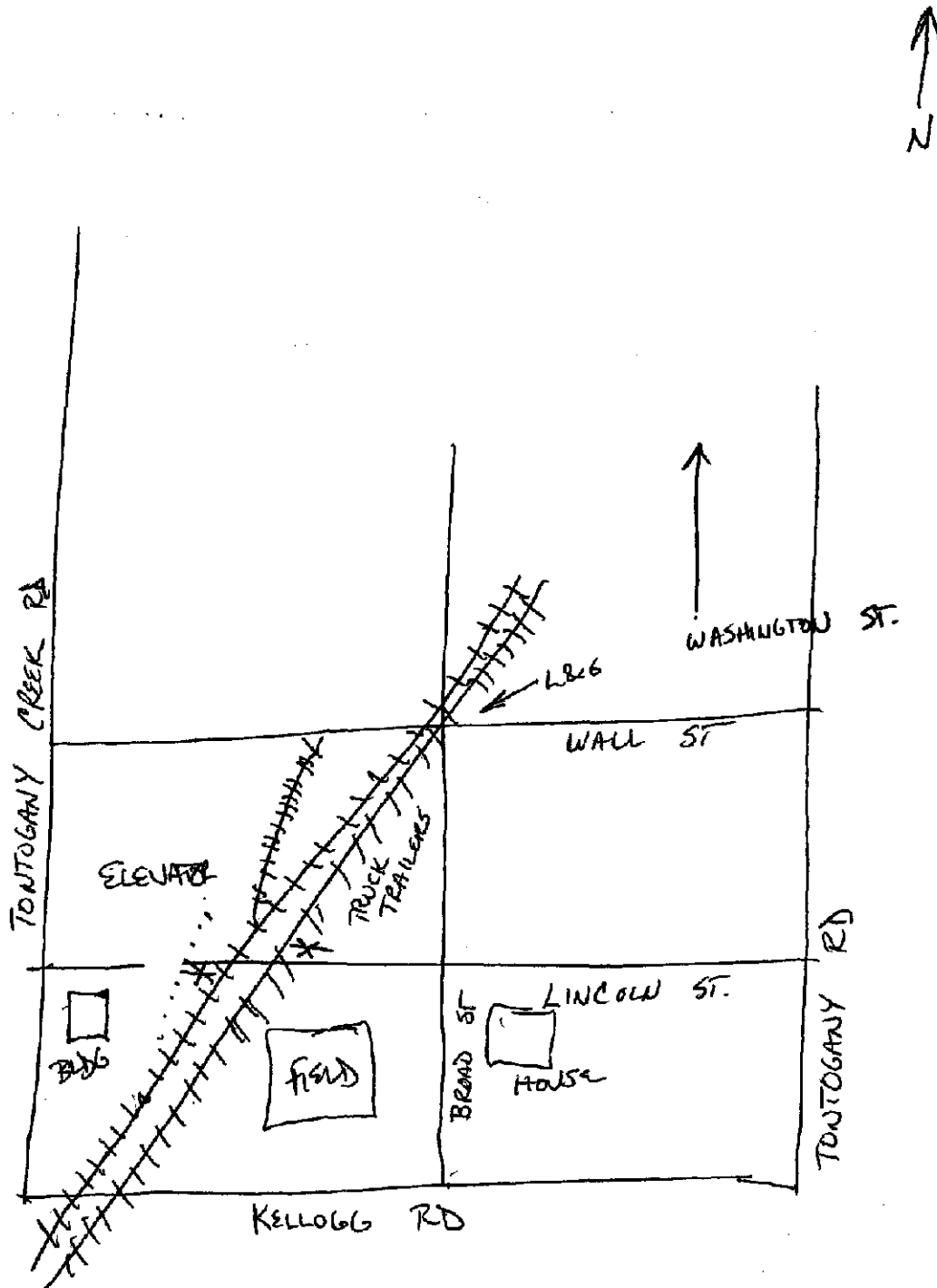
N/A'

Show North Direction

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

Measurements by: GM

Field Sketch



Crossing Angle ☐ 0-29° ☐ 30-59° ☒ 60-90° Measured in NW 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.

Martin, George

From: Susan.Kirkland@dot.state.oh.us
Sent: Tuesday, April 07, 2009 10:55 AM
To: Martin, George
Cc: Tod Darfus
Subject: Re: Wood County, Tontogany, Washington St

George:

Tod and I discussed this issue this morning. Based on the follow facts I would like to progress the project with upgrades at both Lincoln Street and Washington Street.

1. The community has 5 crossings 3 of which already have lights and gates. The improvements to Lincoln Street and Washington Street, would seal the community with all crossings having lights and gates.
2. The community expressed concern at the diagnostic review about the safety at Washington Street as well as Lincoln Street.
3. The Washington Street crossing ranks under 500 which would qualify it under our current program thought address the Angels on Track Dangerous Crossing Reports.

Susan J. Kirkland
 Manager, Safety Programs
 Ohio Rail Development Commission
 50 W. Broad Street - Suite 1510
 Columbus, Ohio 43216
 (614) 644-0286 Desk
 (614) 452-2812 Blackberry

"Martin, George" <George.Martin@puc.state.oh.us>

03/31/2009 01:36 PM

To "Tod Darfus" <tod.darfus@dot.state.oh.us>

cc <Susan.Kirkland@dot.state.oh.us>

Subject Wood County, Tontogany, Washington St

Tod

I'm at a loss to explain this, but in the database this crossing does reflect one injury accident from 2007. The ADT is slightly higher than Lincoln St, the train count is the same, but the rank is 257. That's why it wasn't picked. That being said, I have no problem with doing the two crossings at the same time for lights and gates.

George

4/7/2009

TRAFFIC CRASH REPORT

WOOD - LINCOLN - 155-795W

OH-1 (Rev. 10/99)



8714507

CRASH SEVERITY
2 1 FATAL 3 FDO
2 MARY 4 UNKNOWN

PRIVATE PROPERTY
MET/PROP
1 NOT PROP
2 SOLID
3 UNRESOLVED

PHOTOS TAKEN
X
OH-2 OH-1 OH-1P OTHER

08700

REPORTING AGENCY #
WOOD COUNTY SHERIFF'S OFFICE

02 01

90 = NORMAL
99 = UNKNOWN

02182007

1510 DAY OF WEEK
SUN

MOVE (OF CITY, VILLAGE OR TOWNSHIP) #
TONTOGANY

LATITUDE
87
LONGITUDE

CRASH LOCATION
CRASH LOCATION
LINCOLN STREET
TYPE LOC 1
TYPE LOCATION POINT USED
1 NAMED STREET 3 NUMBERED ROUTE
2 NUMBERED STREET

CRASH REFERENCE
CRASH REFERENCE
BYROAD STREET
REF POINT 02
REFERENCE POINT USED
01 STATE LINE
02 INTERSECTION 2 STREETS
03 COUNTY LINE

LOCAL INFORMATION
LOCAL INFORMATION
FILM POUCH 054-07
04 HOUSE NUMBER
05 TOWNSHIP BOUNDARY
06 MILE POST
07 CORPORATION LIMIT
08 PLACE NAME W/O REFERENCE
09 STREET OR ROUTE W/O REFERENCE

NAME (LAST, FIRST, MIDDLE)
0101 ZIKOVICH, SPENCER P.
ADDRESS (STREET, CITY, STATE, ZIP CODE)
18665 LINCOLN ST., TONTOGANY, OH 43565

HOME PHONE #
10191985 21 M 419-601-1167
WORK PHONE #

DL STATE OH DL # SJ006445
LP STATE OH LP # DMH7203
INURED TAKEN BY 2
1 NONE 4 OTHER
2 EMS 5 UNKNOWN
3 POLICE
TRANSPORTED BY NORTHWEST 190
INURED TAKEN TO UNIV. of Toledo Medical Ctr.

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

YEAR 2002 MAKE DODGE
MODEL RAM 1500 COLOR WHITE
INSURANCE COMPANY STATE FARM
TOWING SERVICE OR's SUNDCO
OWNER PHONE # SAME

OFFENSE CHARGES
72.46 A1
OFFENSE DESCRIPTION
DRIVING ACROSS RR CROSSING - APPROACHING
1111654

NAME (LAST, FIRST, MIDDLE)
B 0202
ADDRESS (STREET, CITY, STATE, ZIP CODE)

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

OWNER NAME (IF SAME, WRITE "SAME")
CSX TRANSPORTATION, INC.
ADDRESS (STREET, CITY, STATE, ZIP CODE)
500 WATER ST. SC 655, JACKSONVILLE, FL 32202

YEAR TRAIN ID # Q50718 ENGINE # 7814
INSURANCE COMPANY
TOWING SERVICE
OWNER PHONE # 419-229-0891

OFFENSE CHARGES
OFFENSE DESCRIPTION

NAME (LAST, FIRST, MIDDLE)
ADDRESS (STREET, CITY, STATE, ZIP CODE)

NAME (LAST, FIRST, MIDDLE)
ADDRESS (STREET, CITY, STATE, ZIP CODE)

NAME (LAST, FIRST, MIDDLE)
ADDRESS (STREET, CITY, STATE, ZIP CODE)

NAME (LAST, FIRST, MIDDLE)
ADDRESS (STREET, CITY, STATE, ZIP CODE)

NAME (LAST, FIRST, MIDDLE)
ADDRESS (STREET, CITY, STATE, ZIP CODE)

NAME (LAST, FIRST, MIDDLE)
ADDRESS (STREET, CITY, STATE, ZIP CODE)

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
08 THIRD - MIDDLE
09 THIRD - RIGHT
10 SLEEPER SECTION OF CAB
11 ENCLOSURE CARGO AREA
12 UNENCLOSURE CARGO AREA
13 TRAILING UNIT
14 EXTERIOR
15 OTHER
16 NON-MOTORIST
17 UNKNOWN

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 PAD
11 REFLECTIVE CLOTHING
12 LIGHTING
13 OTHER
14 UNKNOWN

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

AIR BAG SWITCH
1 NOT PRESENT
2 IN ON POSITION
3 IN OFF POSITION
4 UNKNOWN

EJECTION
1 NOT ELECTED
2 TOTALLY ELECTED
3 PARTIALLY ELECTED
4 NOT APPLICABLE
5 UNKNOWN

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

INJURIES
1 NO INJURY
2 POSSIBLE
3 NON-INCAPACITATING
4 FATAL INJURY
5 UNKNOWN

Motorist/Non-Motorist

Occupant

BLANK FOR WITNESS

HS77001

TOP COPY - OOPS BOTTOM COPY - AGENT

UNIT NUMBERS

01 02

NON-MOTORIST LOCATION

- 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 OR TRAILS
- 15 UNKNOWN

TYPE OF UNIT

07 29

- ### MOTORIST
- 01 SUB-CONTACT
 - 02 CONTACT
 - 03 MID SIZE
 - 04 FULL SIZE
 - 05 MINIVAN
 - 06 SPORT UTILITY VEHICLE
 - 07 PICKUP
 - 08 PANEL/VAN
 - 09 SINGLE UNIT TRUCK
 - 10 TRUCKS, 6 TIRES
 - 11 SINGLE UNIT TRUCK: 8 AXLES
 - 12 TRUCK/TRACTOR
 - 13 TRUCK TRACTOR (BOSTER)
 - 14 TRACTOR/SEMI-TRAILER
 - 15 TRACTOR/DOUBLE SHUNT
 - 16 TRACTOR/DOUBLE LONG
 - 17 FIFTH WHEEL ON CONVENTION DOLLY
 - 18 TRACTOR/TRAILER
 - 19 MOTORCYCLE
 - 20 MOTORCYCLES
 - 21 SCHOOL BUS
 - 22 CHURCH BUS
 - 23 PUBLIC BUS
 - 24 OTHER BUS
 - 25 POLICE VEHICLE
 - 26 FIRE TRUCK
 - 27 AMBULANCE/RESCUE
 - 28 TAXI
 - 29 MOTOR HOME
 - 30 TRAILER
 - 31 FARM VEHICLE
 - 32 FARM EQUIPMENT
 - 33 SNOWMOBILE
 - 34 CONSTRUCTION EQUIPMENT
 - 35 ALL OTHERS
- ### NON-MOTORIST
- 36 ANIMAL W/DRIVER
 - 37 ANIMAL W/DRIVER
 - 38 BICYCLE
 - 39 PEDESTRIAN
 - 40 SKATER
 - 41 OTHER-NON MOTORIST
 - 42 UNKNOWN

IN EMERGENCY RESPONSE

1 1

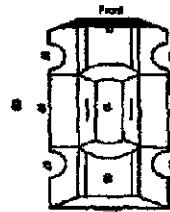
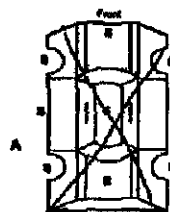
- 1 NO
- 2 YES
- 3 UNKNOWN

DAMAGE SCALE

5 6

- 1 NONE
- 2 NON-FUNCTIONAL DAMAGE
- 3 FUNCTIONAL DAMAGE
- 4 DISABLING DAMAGE
- 5 SEVERE
- 6 UNKNOWN

DAMAGE AREA



MOST DAMAGED AREA

13 02

- 01 NONE
- 02 CENTER FRONT
- 03 RIGHT FRONT
- 04 RIGHT SIDE
- 05 RIGHT REAR
- 06 REAR CENTER
- 07 LEFT REAR
- 08 LEFT SIDE
- 09 LEFT FRONT
- 10 TOP AND WINDOWS
- 11 UNDERCARRIAGE
- 12 LOAD/TRAILER
- 13 TOTAL (ALL AREAS)
- 14 OTHER
- 15 UNKNOWN

POINT OF IMPACT

09 02

- 01 NONE
- 02 CENTER FRONT
- 03 RIGHT FRONT
- 04 RIGHT SIDE
- 05 RIGHT REAR
- 06 REAR CENTER
- 07 LEFT REAR
- 08 LEFT SIDE
- 09 LEFT FRONT
- 10 TOP AND WINDOWS
- 11 UNDERCARRIAGE
- 12 LOAD/TRAILER
- 13 TOTAL (ALL AREAS)
- 14 OTHER
- 15 UNKNOWN

ACTION

5 5

- 1 NON-CONTACT
- 2 NON-COLLISION
- 3 STUNNING
- 4 STRUCK
- 5 BOTH STRUCK AND STRUCK
- 6 UNKNOWN

STRIKING VEHICLE: OVERLAP / UNDERLAP

1 1

- 1 NO UNDERLAP OR OVERLAP
- 2 UNDERLAP, COMPARTMENT INTRUSION
- 3 UNDERLAP, NO COMPARTMENT INTRUSION
- 4 OVERLAP, COMPARTMENT INTRUSION UNKNOWN
- 5 OVERLAP, MOTOR VEHICLE IN TRANSPORT
- 6 OVERLAP, OTHER VEHICLE
- 7 UNKNOWN

PRE-CRASH ACTIONS

01 01

- ### MOTORIST
- 01 MOVEMENTS ESSENTIALLY BRUISED / ARMED
 - 02 BACKING
 - 03 CHANGING LANE
 - 04 OVERTAKING/PASSING
 - 05 TURNING RIGHT
 - 06 TURNING LEFT
 - 07 MAKING U-TURN
 - 08 ENTERING TRAFFIC LANE
 - 09 LEAVING TRAFFIC LANE
 - 10 PARKED
 - 11 SLOWING/STOPPED IN TRAFFIC
 - 12 DOWNHILL
 - 13 OTHER
 - 14 UNKNOWN
- ### NON-MOTORIST
- 15 ENTERING/CROSSING IN SPECIFIED LOCATION
 - 16 WALKING, RUNNING, JOGGING, PLAYING, CYCLING
 - 17 WORKING
 - 18 PUSHING VEHICLE
 - 19 APPROACHING/LEAVING VEHICLE
 - 20 PLAYING/VOLUNTEERING ON VEHICLE
 - 21 STANDING
 - 22 OTHER
 - 23 UNKNOWN

CONTRIBUTING CIRCUMSTANCES

02 01

- ### MOTORIST
- 01 NONE
 - 02 FAILURE TO YIELD
 - 03 RAN RED LIGHT, OR STOP SIGN
 - 04 EXCEEDED SPEED LIMIT
 - 05 UNLAWFUL SPEED
 - 06 IMPROPER TURN
 - 07 LEFT OF CENTER
 - 08 FOLLOWED TOO CLOSELY/WACCA
 - 09 IMPROPER LANE CHANGE/ DROVE OFF ROAD
 - 10 IMPROPER PASSING
 - 11 IMPROPER START FROM PARKED POSITION
 - 12 STOPPED ON PARKED ILLEGALLY
 - 13 OPERATING VEHICLE IN ILLEGAL, FICKLESS, CARELESS, WILFUL 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 DISTRACTION
 - 18 FATIGUE/ALCOHOL
 - 19 OPERATING DEFECTIVE EQUIPMENT
 - 20 LOAD SHIFTING/FALLING/SPILLING
 - 21 OTHER IMPROPER ACTION
 - 22 UNKNOWN
- ### NON-MOTORIST
- 23 NONE
 - 24 IMPROPER CROSSING
 - 25 DARTING
 - 26 LYING AND/OR ILLEGALLY IN ROADWAY
 - 27 FAILING 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

VEHICLE DEFECT CODE ONLY IF "15" SELECTED ABOVE

- 01 TURN SIGNALS
- 02 HEAD LAMPS
- 03 TAIL LAMPS
- 04 BRAKES
- 05 STEERING
- 06 TIRE BLOWOUT
- 07 WORK ON SUEK TIRES
- 08 TRAILER EQUIPMENT DEFECTIVE
- 09 MOTOR TROUBLE
- 10 DISABLED FROM PRIOR CRASH
- 11 OTHER DEFECTS

SEQUENCE OF EVENTS

16 20

- ### NON-COLLISION
- 01 OVERTURN/ROLLOVER
 - 02 FIRE/EXPLOSION
 - 03 UNKNOWN
 - 04 JACKKNIFE
 - 05 CANNOT EQUIPMENT LOSS/SHIFT
 - 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
- ### COLLISION, W/ PERSON, VEHICLE, OR OBJECT NOT POKED
- 14 PEDESTRIAN
 - 15 BICYCLIST
 - 16 RAILWAY VEHICLE
 - 17 ANIMAL - FARM
 - 18 ANIMAL - OTHER
 - 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
- ### COLLISION WITH FIXED OBJECT
- 25 IMPACT INFORMATION/CRASH CUSHION
 - 26 BRIDGE OVERHEAD STRUCTURE
 - 27 BRIDGE PIER ON AUTHORITY
 - 28 BRIDGE PARAPET
 - 29 BRIDGE PILE
 - 30 GUARDRAIL FACE
 - 31 GUARDRAIL END
 - 32 MEDIAN BARRIER
 - 33 HIGHWAY TRAFFIC SIGN POST
 - 34 OVERHEAD SIGN POST
 - 35 LIGHT/LUMINAIES SUPPORT
 - 36 UTILITY POLE
 - 37 OTHER POST, POLE OR SUPPORT
 - 38 CULVERT
 - 39 CURB
 - 40 DITCH
 - 41 EMBANKMENT
 - 42 FENCE
 - 43 MAILBOX
 - 44 TREE
 - 45 OTHER FIXED OBJECT
 - 46 WORK ZONE MAINTENANCE EQUIPMENT
 - 47 UNKNOWN FIXED OBJECT
 - 48 OTHER
 - 49 UNKNOWN

FIRST HARMFUL EVENT

1 1

OF THE SEQUENCE OF EVENTS - WHICH ONE IS THE FIRST HARMFUL EVENT (1-4)

MOST HARMFUL EVENT

1 1

OF THE SEQUENCE OF EVENTS - WHICH ONE IS THE MOST HARMFUL EVENT (1-4)

SPEED DETECTED

1 1

- 1 STATED
- 2 ESTIMATED SPEED

SPEED

20 45

POSTED SPEED

25 0

TRAFFIC CONTROL

07 01

- 01 NO CONTROLS
- 02 STOP SIGN
- 03 YIELD SIGN
- 04 TRAFFIC SIGNAL
- 05 TRAFFIC FLASHERS
- 06 SCHOOL ZONE
- 07 RAILROAD CROSSING
- 08 RAILROAD FLASHERS
- 09 RAILROAD GATES
- 10 CONSTRUCTION BARRICADE
- 11 POLICE OFFICER
- 12 PAVEMENT MARKINGS
- 13 CROSSWALK LINES
- 14 WALK/DON'T WALK SIGNAL
- 15 TRAFFIC CONTROL DEVICE IMPERATIVE, MISSING, OBSCURED
- 16 OTHER

DIRECTION

43 12

- 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 ALIEN
- 5 FULLY ASLEEP, FANNED, FATIGUED, ETC
- 6 UNDER THE INFLUENCE OF MEDICATIONS/DRUGS/ALCOHOL
- 7 OTHER
- 8 UNKNOWN

ALCOHOL / DRUGS SUSPECTED

1 1

- 1 NONE
- 2 YES - ALCOHOL SUSPECTED
- 3 YES - HBD 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
- 2 BLOOD
- 3 URINE
- 4 BREATH
- 5 OTHER

ALCOHOL TEST RESULT

1 1

DRUG 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

DRUG TEST TYPE

1 1

- 1 NONE
- 2 SLOBO
- 3 URINE
- 4 OTHER

DRUG TEST 1&2 RESULT

1 1

- 1 NONE
- 2 MARIJUANA
- 3 COCAINE
- 4 OPIATES
- 5 AMPHETAMINES
- 6 PCP
- 7 OTHER
- 8 UNKNOWN AT TIME OF REPORTING

TYPE OF INTERSECTION

1 1

- 01 NOT AN INTERSECTION
- 02 FOUR-WAY INTERSECTION
- 03 T-INTERSECTION
- 04 Y-INTERSECTION
- 05 TRAFFIC CIRCLE/ROUNDABOUT
- 06 FREE-PWAY, OR MORE
- 07 ON RAMP
- 08 OFF RAMP
- 09 OVERPASS
- 10 DRIVEWAY/ALLOCS
- 11 RAILWAY GRADE CROSSING
- 12 SHARED-USE PATHS OR TRAILS
- 13 UNKNOWN

OCCURRENCE

1 1

- 1 ON ROADWAY
- 2 ON SHOULDER
- 3 IN MEDIAN
- 4 ON ROADSIDE
- 5 ON GORE
- 6 OUTSIDE TRAFFICWAY
- 7 UNKNOWN

ROAD CONTOUR

2 2

- 1 STRAIGHT LEVEL
- 2 STRAIGHT GRADE
- 3 CURVE LEVEL
- 4 CURVE GRADE

ROAD CONDITIONS

04 01

- 01 DRY
- 02 WET
- 03 SNOW
- 04 ICE
- 05 SAND, MUD, DIRT, OIL, GRAVEL
- 06 WATER (STANDING, MOVING)
- 07 SLUSH
- 08 DEBRIS
- 09 RUT, HOLES, BUMPS, UNEVEN PAVEMENT
- 10 OTHER
- 11 UNKNOWN

**SECONDARY ROAD CONDITIONS ONLY

8714507

Narrative UNIT #1 WAS TRAVELING EAST ON LINCOLN STREET WHEN UNIT #1 FAILED TO YIELD TO UNIT #2, A CSX TRAIN, TRAVELING SOUTH ON THE WESTERN SIDE OF TWO SETS OF TRACKS. UNIT #1 AND UNIT #2 STRUCK THE FRONT OF EACH OTHER SIMULTANEOUSLY.

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 SIDEWIDE, SAME DIRECTION
8 SIDEWIDE, OPPOSITE DIRECTION
9 UNKNOWN

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

WORK ZONE RELATED

1 NO
2 YES
3 UNKNOWN

WEATHER

02

01 CLEAR
02 CLOUDY
03 FOG, SMOG, SPRAY
04 FOG
05 SLEET, HAIL (PRECIPITATING RAIN DRIZZLE)
06 SNOW
07 SPARSE CLOUDS
08 BLOWING SAND, SOIL, DIRT, SNOW
09 OTHER
10 UNKNOWN

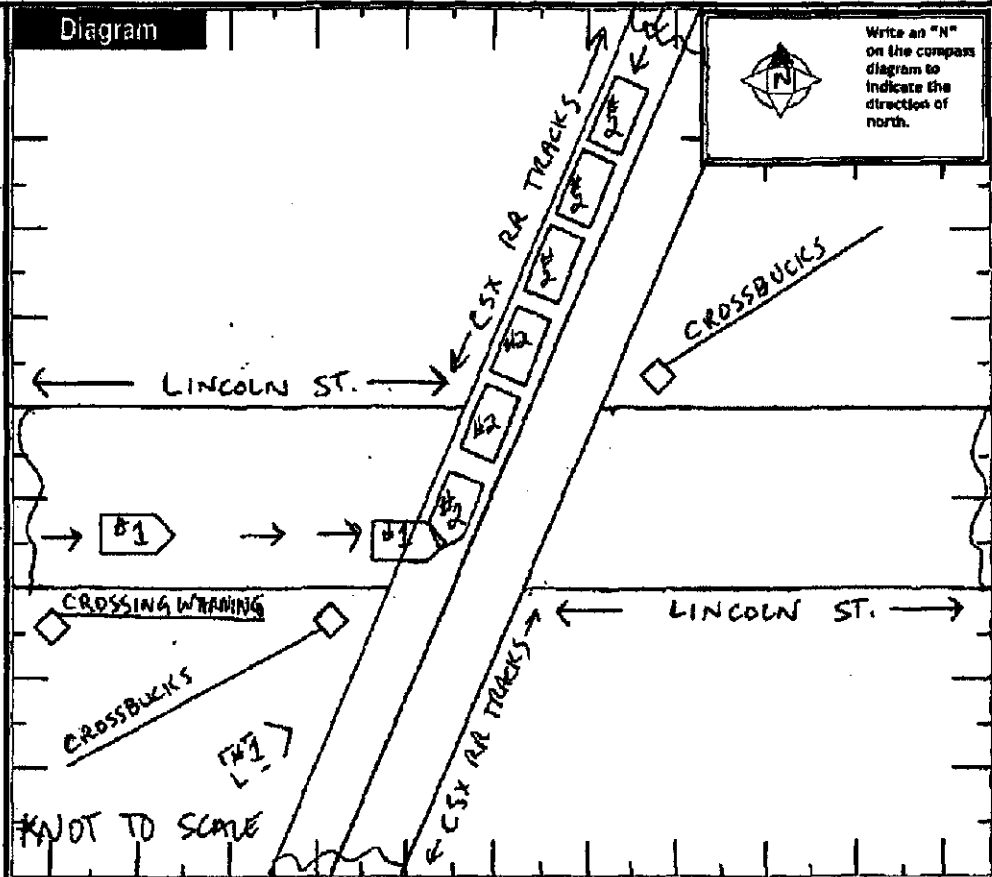
LIGHT CONDITIONS

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

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

WORKERS PRESENT

1 NO
2 YES
3 UNKNOWN



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 FOR AT LEAST 8 PERSONS, INCLUDING DRIVER.

A 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 CATASTROPHIC DAMAGE OR REQUIRED INTERVENING ASSISTANCE BEFORE PROCEEDING UNDER ITS OWN POWER.

COMPANY (FROM SHIPPING PAPERS)

ADDRESS (STREET, CITY, ST, ZIP CODE)

US DOT **ICC MC** **PUCD** **TRAILER LP ST.** **TRAILER LP YEAR** **TRAILER LP #**

Cargo Body Type

01 NOT APPLICABLE
02 BUS (8-15 INCLUDING DRIVER)
03 VAN/ENCLOSED BOX
04 GRAB/CRANE/GRAB

05 POLE
06 CARGO TANK
07 FLATBED
08 DUMP

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

Weight (GVWR)

1 LESS/EQUAL TO 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 III
5 CLASS D

Hazardous Materials Placard

1 NO
2 YES
3 UNKNOWN

Hazardous Materials Released

1 NO
2 YES
3 NOT APPLICABLE
4 UNKNOWN

Police Action

021820071515

DISPATCH 1518 **ARRIVED** 1820 **CLEARED** 1644 **OTHER** 124 210

OFFICER'S NAME S. KOCH **W52** **CHECKED BY** Joes W38 **DATE REPORT FILED** 02/18/2007

REPORT TAKEN BY 1 POLICE AGENCY 2 MOTORIST **REPORT TAKEN AT** 1 SCENE 2 STATION 3 OTHER

8714507



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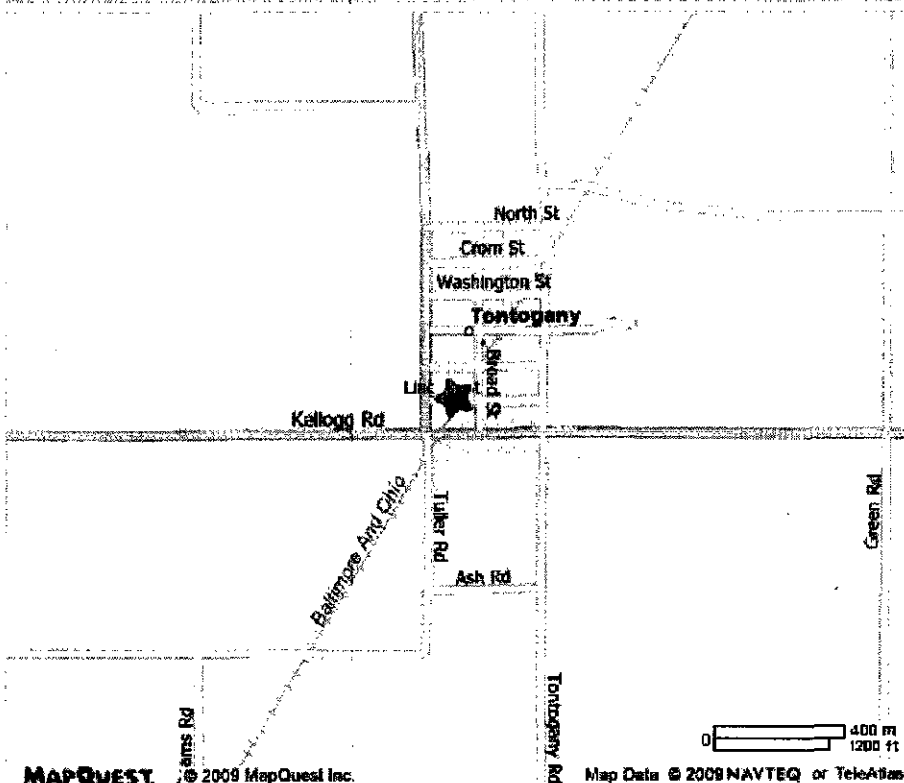
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3/30/09

1130 AM

WOOD

CSX

LINCOLN ST.

155-795 W

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~~23 TO 15 TO 75 TO~~
~~EXIT 187 (SR 582 WEST)~~

HULL PRAIRIE SOUTH TO HANNAH
TURN RIGHT
TURN LEFT ON TONTOGANY

TURN RIGHT ON KELLOGG
GO TO LINCOLN