

SH 82

GRAND AVENUE BRIDGE

Environmental Assessment

Appendix B:

**Colorado Department of Transportation
Safety Assessment Report
Interchange Reconfiguration/Design Project
SH 82A (MP 0.00 to MP 0.50)
Garfield County**

**Memo: Grand Avenue Bridge EA, I-70 Exit 116
Off Ramp Queueing**

STATE OF COLORADO

DEPARTMENT OF TRANSPORTATION

HQ Safety and Traffic Engineering Branch
Safety Engineering and Analysis Group
4201 East Arkansas Avenue, 3rd Floor
Denver, Colorado 80222-3400
303.757.9543 Voice
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DATE: August 29, 2013

TO: Sean Yeates, Region 3 Resident Engineer

FROM: KC Matthews, HQ Safety and Traffic Engineering

SUBJECT: **Safety Assessment Report
Interchange Reconfiguration/Design Project
SH 82A (MP 0.00 to MP 0.50)
Garfield County**



Attached for your review is a copy of the draft Safety Assessment Report for the above referenced resurfacing project. The observations and recommendations in this report are based on the analysis of five years of accident history, and review of the video log. The Region is advised to verify, through field survey, the observations made in this report regarding physical features, roadside characteristics, and traffic control devices in the study area.

If you have any comments on the content or format of this report, please provide them to us by September 19, 2013. If we do not hear from you by this date, we will assume that the report has met with your approval.

Should any questions arise concerning this report, or if further assistance is needed, please do not hesitate to contact me at (303) 757-9543, or Ken Nakao at (303) 757-9436.

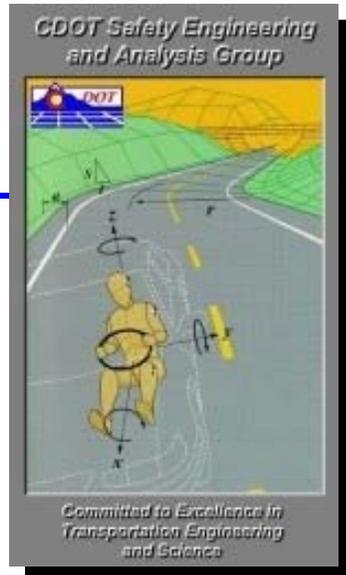
This report may be accessed on the web site using the following link:

["internal.dot.state.co.us/stafftraffic/safety_engineering_group/safety_assessment_reports.html"](http://internal.dot.state.co.us/stafftraffic/safety_engineering_group/safety_assessment_reports.html)

attachment

cc: Charles Meyer, HQ Safety and Traffic Engineering Branch Manager
Dave Eller, Region 3 Transportation Director
Joe Elsen, Region 3 Program Engineer
Zane Znamenacek, Region 3 Traffic Engineer
Roland Wagner, Region 3 Resident Engineer
Mike Goolsby, Region 3 Maintenance Superintendent
File

SAFETY ASSESSMENT REPORT



SH 82A: MP 0.00 - MP 0.50
Region 3
Interchange/Reconfiguration Design
Project

August 29, 2013



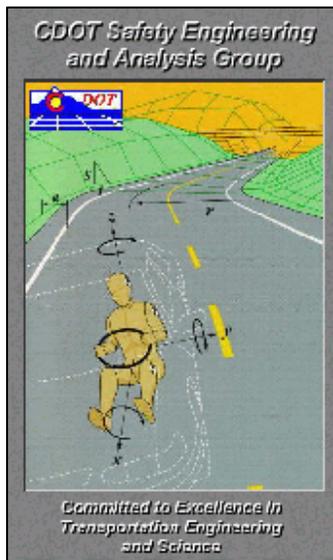
Prepared by: **The Colorado Department of Transportation**
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Expressed Written Authority from the CDOT Safety Engineering and
Analysis Group*

This report is prepared solely for the purpose of identifying, evaluating and planning safety improvements on public roads. It is subject to the provisions of 23 U.S.C.A. 409, and therefore is not subject to discovery and is excluded from evidence. Applicable provisions of 23 U.S.C.A. 409 are cited below:

Notwithstanding any other provision of law, reports, surveys, schedules, lists, or data compiled or collected for the purpose of identifying, evaluating, or planning the safety enhancement of potential accident sites, hazardous roadway conditions, or railway-highway crossings, pursuant to sections 130, 144, and 152 of this title or for the purpose of developing any highway safety construction improvement project which may be implemented utilizing Federal-aid highway funds shall not be subject to discovery or admitted into evidence in a Federal or State court proceeding or considered for other purposes in any action for damages arising from any occurrence at a location mentioned or addressed in such reports, surveys, schedules, lists or data.

Any intentional or inadvertent release of this report, or any data derived from its use shall not constitute a waiver of privilege pursuant to 23 U.S.C.A. 409.



A Statement of Philosophy

The efficient and responsible investment of resources in addressing safety problems is a difficult task. Since crashes occur on all highways in use, it is inappropriate to say of any highway that it is safe. However, it is correct to say that highways can be built to be safer or less safe. Road safety is a matter of degree. When making decisions effecting road safety it is critical to understand that expenditure of limited available funds on improvements in places where it prevents few injuries and saves few lives can mean that injuries will occur and lives will be lost by not spending them in places where more accidents could have been prevented¹. It is the CDOT's objective to maximize accident reduction within the limitations of available budgets by making road safety improvements at locations where it does the most good or prevents the most accidents.

INTRODUCTION

The primary intent of this report is to provide information, as related to safety, on State Highway (SH) 82A, from milepost MP 0.00 to MP 0.50.

The scope of this report is as follows:

- Assess the magnitude and nature of the safety problem within the project limits.
- Relate accident causality to roadway geometrics, roadside features, traffic control devices, traffic operations, driver behavior, and vehicle type.
- Suggest cost effective countermeasures to address identified problems.
- Provide guidance on how to maximize accident reduction within the scope of a resurfacing/widening or safety project.

This report is based on the comprehensive analysis of five (5) years of accident history and a video log review of the study section. The Region is advised to verify the information included in this report regarding physical features and roadside characteristics through field survey.

¹ Hauer, E., (1999) *Safety Review of Highway 407: Confronting Two Myths*. TRB

SITE LOCATION

This study addresses SH 82A in the City of Glenwood Springs of Garfield County, beginning at MP 0.00 and continuing southerly to MP 0.50. This highway begins at the I-70 interchange, merges onto eastbound 6th Street (at MP 0.10), continues southbound onto the Grand Avenue Bridge where it crosses over I-70 and 7th Street, descends down to street-level grade, and passes through the 8th Street and 9th Street signalized intersections. The included distance is 0.50 miles. SH 82A is classified as an Other Principal Arterial Urban highway throughout the study section.

SITE CONDITIONS

The terrain is classified as mountainous with a several tangent segments, and the highway is a four-lane, undivided facility throughout the study section. The travel lanes of the SH 82A study section are 11 feet wide; except at the Grand Avenue Bridge, where the travel lanes are 10 feet wide from MP 0.18 to approximately MP 0.41 (8th Street intersection). The sides of SH 82A is curbed.

One site condition of note is on northbound SH 82 north of 8th Street; there is a ramp on the east side of the Grand Avenue bridge that intersects 7th Street (below the bridge), as shown in **Figure 1**. Another site condition to note is the Grand Avenue bridge is that the main access to cross the Colorado River in Glenwood Springs (the other access is the Devereux Road bridge, a two-lane collector street located approximately 0.70 miles west of the Grand Avenue Bridge).

Figure 1 – SH 82 Looking Northbound from 8th Street



The approximate Average Daily Traffic (ADT) and the percent trucks are summarized in **Table 1**, below, based on the 2011 CORIS data. As the table shows, the ADT changes very little throughout the SH 82A study section, except at the 6th Street segment of SH 82A (MP 0.07 to 0.18) where extra traffic is coming from collector streets and SH 6 serving the City of Glenwood Springs. .

Table 1: Average Daily Traffic (ADT)

MP	% Trucks	ADT
0.00 to 0.02	4.1	23,000
0.02 to 0.07	4.0	24,000
0.07 to 0.18	4.1	27,000
0.18 to 0.50	4.3	24,000

The posted highway speed limit is 25 MPH throughout the entire study section.

There are numerous minor and major accesses that serve the City of Glenwood Springs within the SH 82A study section. The list of all of the intersections within the study section is summarized below in **Table 2**.

Table 2: Intersection Locations

MP	Name
0.00	RAMPS ON AND OFF TO/FROM SH 70A EB*
0.04	RAMPS ON AND OFF TO/FROM SH 70A WB
0.06	RD E (RIVER ST)
0.07	RD NW (SH 6)* RD N (LAUREL ST)*
0.12	RD N (MAPLE ST)
0.18	RD E (SH 6)* RD N (PINE ST)*
0.34	NB RAMP TO 7 TH STREET
0.41	RD E & W (8 TH ST)*
0.50	RD E & W (9 TH ST)*

*Signalized Intersection

ACCIDENT HISTORY AND PROBLEM ANALYSIS

The accident history for the period of January 1st, 2008 to December 31st, 2012 was examined, for the aforementioned study section, to help locate accident clusters and identify accident causes. Three hundred-sixty-one (361) accidents were reported during the five-year study period within the SH 82A study section.

Figure 2 shows the breakdown of these accidents by accident severity. As the figure shows, nine (9) of 361 total accidents (2%) resulted in **'Injuries'**, and none resulted in a **'Fatality'** during the five-year study period. This study section of SH 82A has performed well, safety-wise as the rate of injury and fatal accidents are below average for this type of facility.

Figure 2: Accident Severity

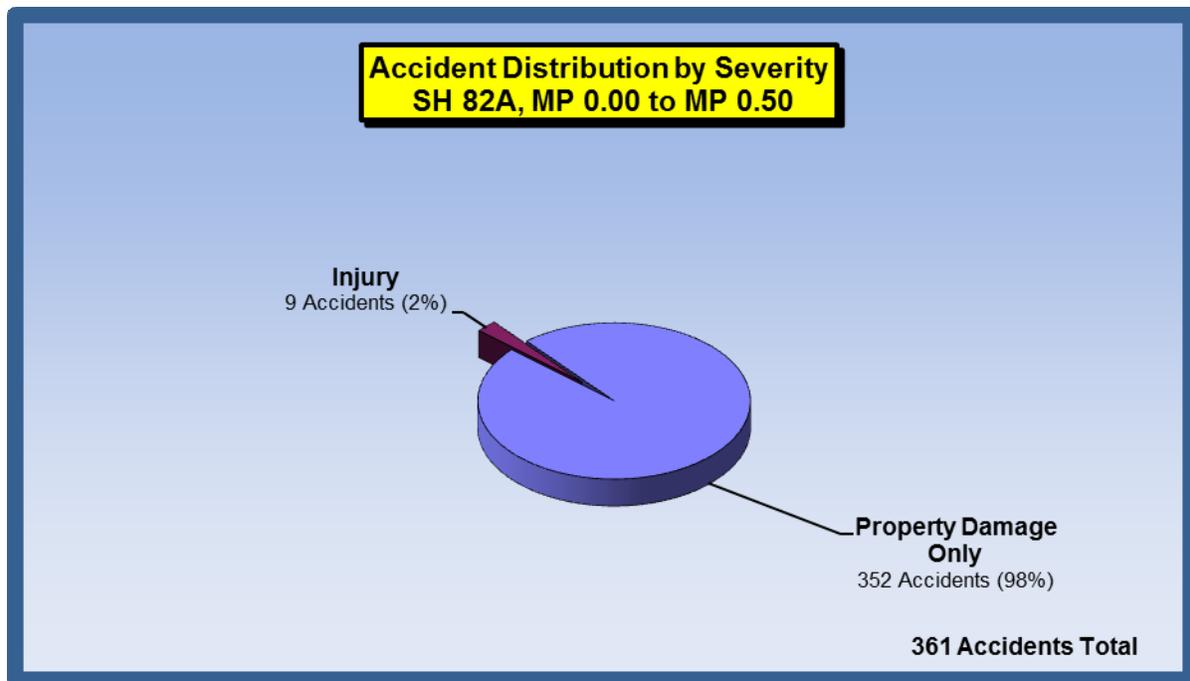


Table 3 summarizes the total accidents, annually, over the five-year study period, along with the Average Annual Daily Traffic Counts (AADT).

Table 3 – Accident Summary for SH 82A, MP 0.00 to 0.50

Year	AADT	Accidents			
		PDO	Injury	Fatal	Total
2008	26,404	94	0	0	94
2009	25,566	48	4	0	52
2010	24,282	75	2	0	77
2011	24,533	68	1	0	69
2012	24,533	67	2	0	69
TOTAL		352	9	0	361

The table indicates that, overall, the total number of accidents is very high for this type of facility, as there were a total of 361 accidents within a 0.50-mile section over a five-year period.

Figure 3 shows the accident distribution, by accident type, for the SH 82A study section. The figure indicates that ‘**Rear-End**’ accidents represent the largest group of accidents in the study section at 135 (39%), followed by ‘**Sideswipe (Same Direction)**’ at 106 (31%), ‘**Fixed Objects**’ at 29 (8%), ‘**Broadside**’ at 19 (5%), ‘**Parked Motor Vehicle**’ at 18 (5%), and ‘**Sideswipe (Opposite Direction)**’ at 13 (4%). The accident rates for the above accident types are higher than the statewide average for similar facilities. In addition, the accident rates of ‘**Overtaking Turn**’, ‘**Parked Motor Vehicle**’ and ‘**Approach Turn**’ are higher than the statewide averages for similar facilities.

Figure 3: Accident Type distribution

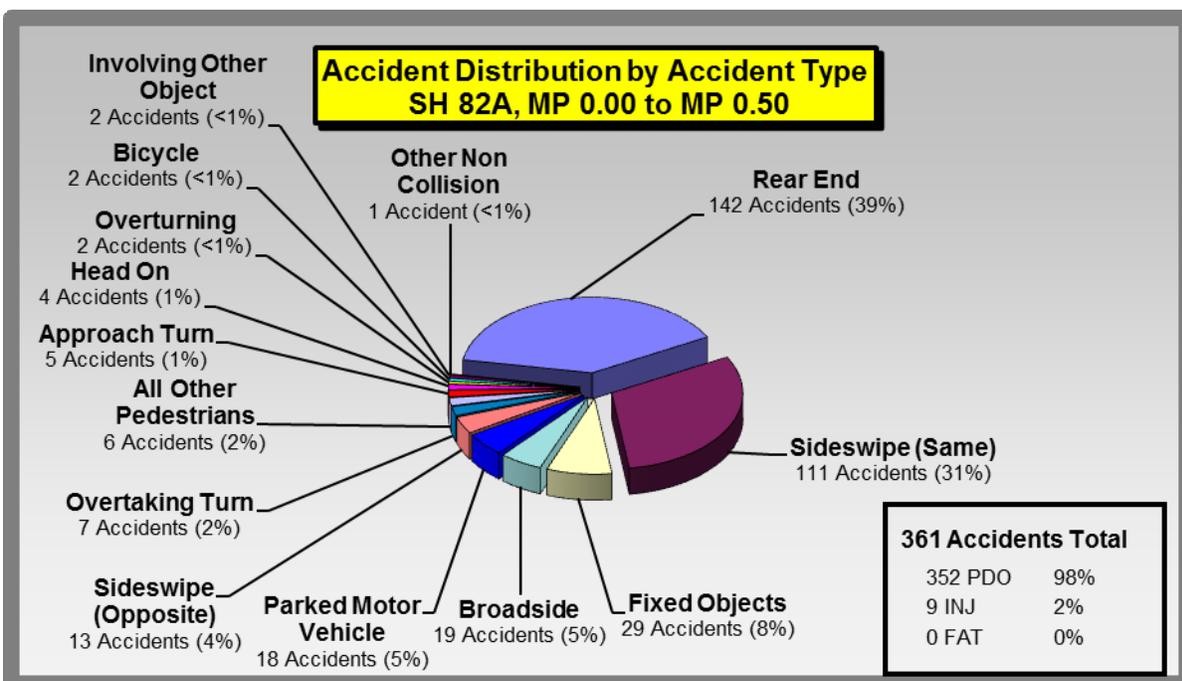
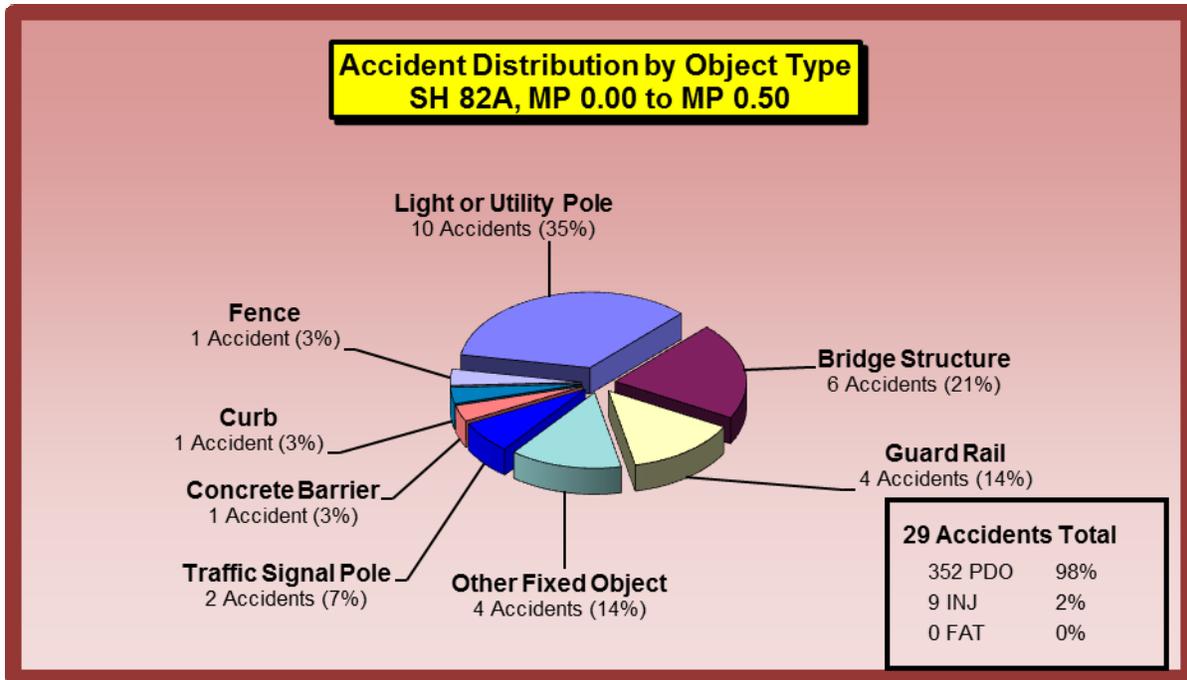


Figure 4 shows the fixed object accident distribution for the SH 82A study section. The figure indicates that **'Light of Utility Pole'** represents the largest group of fixed objects at 10, followed by **'Bridge Structure'** at six (6), and **'Guard Rail'** at four (4). None of the 29 fixed object accidents resulted in injuries or fatalities. Since **'Bridge Structure'** and **'Guard Rail'** exist to protect traffic from more serious collisions, the fact that they were among the fixed objects struck is not normally an undesirable fact.

Figure 4: Object Type distribution



A couple of fixed object accident types to note are the **'Traffic Signal Pole'**, and **'Other Fixed Object'**, where six (6) of these accidents occurred at the intersection of SH 82A (6th Street) and Laurel Street. These six accidents were caused when semi-trucks with tall trailers struck the signal head assembly or span wire. According to the accident listings, the vertical clearance was measured below the 17-foot minimum standard. If this has not been addressed yet, per CDOT standards, the Region must ensure the existing and future overhead signal head assembly is mounted 17 feet (minimum) from the ground to the bottom of the faceplate of the signal head.

According to the accident listing, (see Appendix), 105 of the 142 **'Rear-End'** accidents were at an intersection or were intersection-related. Most of these accidents occurred at the 6th Street/Grand Avenue (29 accidents) and Grand Avenue/8th Street (30 accidents) intersections. The rear-end accidents were caused when the first motorist stopped at a signalized intersection; and the second motorist, located behind the first motorist, did not stop in time, and rear-ended the first vehicle. Poor driver judgment (following too closely, aggressive driving, distractions, DUI, etc.) played a part in 94 of these 142 rear-end accidents, so existing site conditions were not at fault in these instances. If these accidents are eliminated from further analysis, there would be 48 rear-end accidents remaining in the study section. A low-cost countermeasure that the Region should consider is to post a traffic signal advance warning sign (W3-3) with an optional advanced street name (i.e. "8th Street") plaque (W16-8P) and flashing beacon on the Grand Avenue Bridge, facing southbound SH 82 traffic, to alert southbound motorists of a

signalized intersection coming up ahead. If ample funding is available to improve the signalized intersections within the SH 82A study section, the Region may consider improving the signal timing and lengthening the sight distances of the intersection approaches. Also, if it hasn't been addressed yet, the Region may consider upgrading all signal heads to include 12-inch LED lenses (replacing incandescent bulbs, as necessary) and installing backplates with yellow borders to help increase signal visibility to reduce the number of rear-end accidents.

As mentioned earlier in this report, the second-most prevalent accident type indicated in **Figure 3** is '**Sideswipe (Same Direction)**'. According to the accident listing, 40 of the 111 sideswipe (same direction) and 11 of the 13 sideswipe (opposite direction) accidents occurred on the SH 82 (Grand Avenue) bridge. Poor driver judgment (distracted driving, evading police, DUI, driver fatigue, aggressive driving and driver emotionally upset) played a part in 27 of the 51 sideswipe (same and opposite direction) accidents on the bridge.

Also, eight (8) of the 51 accidents occurred during dark-lighted conditions. When the surrounding conditions are dark and unlit, faded pavement markings become obscured and difficult to see, which may result in sideswipe type accidents. The Region may consider using high performance pavement markings to help prevent these types of accidents.

In addition, 53 of the 111 sideswipe (same direction) accidents occurred at (or were related to) intersections. Thirty-eight (38) of these 53 accidents occurred at the 6th Street/Laurel Street and 6th Street/Grand Avenue intersections. Most of the sideswipe (same direction) accidents were caused when two vehicles, making a right or left turn in double turn lanes of signalized intersections, did not stay in their designated lanes and sideswiped each other. A low-cost countermeasure the Region may consider is adding line extension pavement markings through intersections, as shown in Figure 3B-13 of the 2009 MUTCD, to provide a visual turning pattern for motorists to turn safely to reduce the number of these sideswipe accidents.

The narrow travel lanes on the bridge were factors in the 51 sideswipe (same and opposite direction) accidents. Every time an accident occurs on this bridge, traffic movement in and out of Glenwood Springs is affected, and it may also affect emergency service vehicle movements, which would affect emergency service response times. If there is ample funding available to the Region, a countermeasure to reduce the number of sideswipe accidents is to widen the bridge to accommodate four, 12-foot wide travel lanes to provide more room for motorists to travel along SH 82A on the bridge without the fear of sideswiping a vehicle to the left/right side, and align the lanes on the bridge to match with the lane alignment on SH 82 near the 8th Street signalized intersection.

Of the 19 '**Broadside**' accidents reported in the accident listing, none resulted in injuries or fatalities. All 19 accidents either occurred at (or related to) an intersection or a driveway, and poor driver judgment (failing to yield at right-of-way, distracted driving, and failing to obey traffic control device) was a factor in 13 of the 19 accidents. If these 13 accidents were eliminated from further analysis, there would be only six (6) broadside accidents, and the rate of broadside accidents would be average when compared to similar facilities. Therefore, no cost-effective countermeasures are warranted to mitigate these accidents.

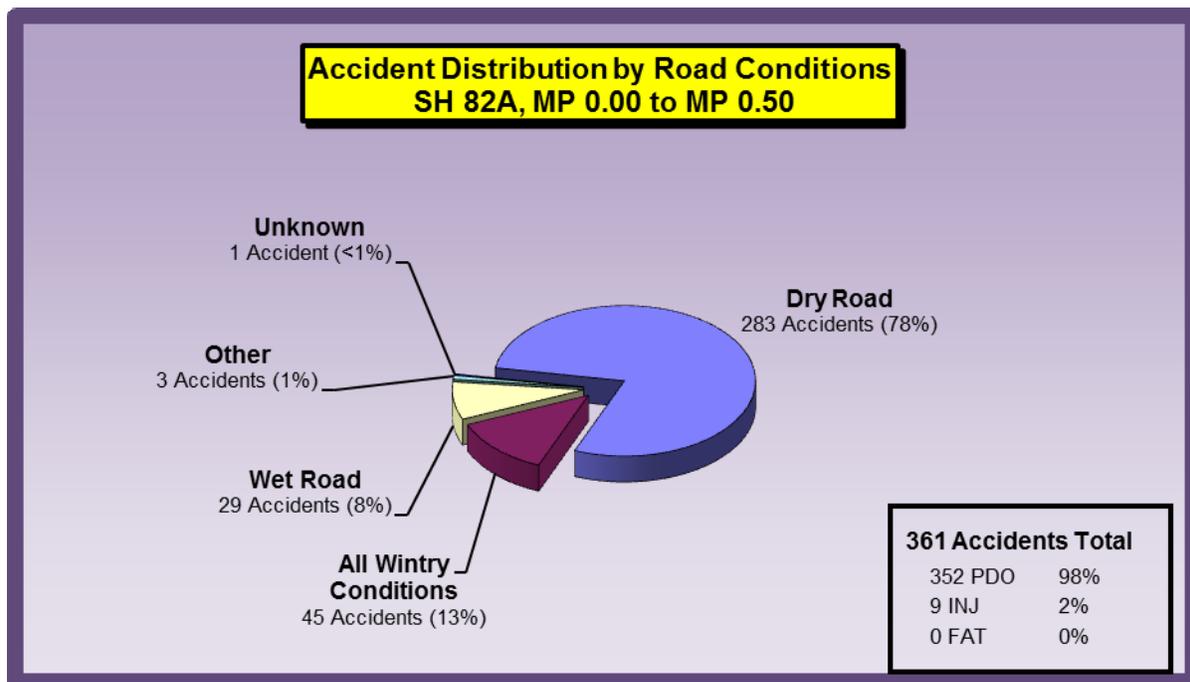
Of the 18 '**Parked Motor Vehicle**' accidents reported in the accident listing, 16 occurred from 8th Street (MP 0.41) to the end of the study section (MP 0.50), and poor driver judgment was a factor in 13 of the 18 accidents. If these 13 accidents were eliminated from further analysis, there would be only five (5) parked motor vehicle accidents, and the rate of parked motor

vehicle accidents would be average. Therefore, no cost-effective countermeasures are warranted to mitigate these accidents.

It was also mentioned on page 5 of this report that the rate ‘Overtaking Turn’ and ‘Approach Turn’ was higher than the statewide average for similar facilities. However, there were only seven (7) overtaking turn and five (5) approach turn accidents, where none of the 12 accidents resulted in injuries or fatalities. There were no discernible accident patterns to warrant a cost-effective countermeasure.

Figure 5 shows the breakdown of the total accidents, by road conditions, which shows that road conditions did not appear to be a factor as most of the accidents occurred during ‘Dry Road’ (269 accidents), followed by ‘All Wintry Conditions’ (43 accidents). The rate of wintry road condition accidents is below the statewide average for similar facilities; therefore, no cost-effective countermeasure is warranted.

Figure 5: Road Conditions distribution



Since this report is for an interchange reconfiguration/design project, let’s look closely at the SH-70A on/off-ramps at SH 82A. According to the accident listing, six (6) accidents occurred on the SH 70A on/off-ramps at the SH 82 interchange, of which one (1) resulted in an ‘Injury’ and none resulted in a ‘Fatality’. Two (2) accidents occurred on the westbound SH 70A on-ramp, and two (2) accidents occurred on the westbound SH 70A off-ramp. Poor driver judgment, such as DUI, unsafe backing up, and speeding, was a factor in all six (6) ramp accidents. If these accidents were eliminated from further analysis, no accidents occurred on the ramps. Therefore, no cost-effective countermeasures are warranted.

CONCLUSIONS AND RECOMMENDATIONS

These conclusions and recommendations are based on the analysis of five years of accident history and a review of the video log. The Region is advised to verify through a field survey, the observations made in this report regarding physical features, roadside characteristics, and traffic control devices.

There were a total of 361 accidents on this 0.50-mile study section of SH82A over a five-year study period (2008-2012). Of the 361 accidents, nine (9) resulted in '**Injuries**', and none resulted in a '**Fatality**'. The injury and fatality rates were lower than the statewide average for similar facilities. The most common accident type was '**Rear-End**' (142 accidents), followed by '**Sideswipe (Same Direction)**' (111 accidents), '**Fixed Objects**' (29 accidents), '**Broadside**' (19 accidents), '**Parked Motor Vehicle**' (18 accidents), and '**Sideswipe (Opposite Direction)**' (13 accidents). The rates of these accident types are higher than the statewide average for similar facilities. In addition, the accident rates of '**Overtaking Turn**', '**Parked Motor Vehicle**' and '**Approach Turn**' are higher than the statewide average for similar facilities.

A couple of fixed object accident types to note are the '**Traffic Signal Pole**', and '**Other Fixed Object**', where six (6) of these accidents occurred at the intersection of SH 82A (6th Street) and Laurel Street. These six (6) accidents were caused when semi-trucks with tall trailers struck the signal head assembly or span wire. According to the accident listings, the vertical clearance was measured below the 17-foot minimum standard. If this has not been addressed yet, the Region must ensure the existing and future overhead signal head assembly is mounted 17 feet (minimum) from the ground to the bottom of the faceplate of the signal head.

Most of the '**Rear-End**' accidents (105 of 142) were at an intersection or were intersection-related. Most of these accidents occurred at the 6th Street/Grand Avenue (29 accidents) and Grand Avenue/8th Street (30 accidents) intersections. The rear-end accidents were caused when the first motorist stopped at a signalized intersection; and the second motorist, located behind the first motorist, did not stop in time, and rear-ended the first vehicle. Poor driver judgment (following too closely, aggressive driving, distractions, DUI, etc.) played a part in 94 of these 142 rear-end accidents, so existing site conditions were not at fault in these instances. If these accidents are eliminated from further analysis, there would be 48 rear-end accidents remaining in the study section. A low-cost countermeasure that the Region should consider is to post a traffic signal advance warning sign (W3-3) with an optional advanced street name (i.e. "8th Street") plaque (W16-8P) and flashing beacon on the Grand Avenue Bridge, facing southbound SH 82 traffic, to alert southbound motorists of a signalized intersection coming up ahead. If ample funding is available to improve the signalized intersections within the SH 82A study section, the Region may consider improving the signal timing and lengthening the sight distances of the intersection approaches. Also, if it hasn't been addressed yet, the Region may consider upgrading all signal heads to include 12-inch LED lenses (replacing incandescent bulbs, as necessary) and installing backplates with yellow borders to help increase signal visibility to reduce the number of rear-end accidents.

The second-most prevalent accident type is '**Sideswipe (Same Direction)**'. Forty (40) of the 111 sideswipe (same direction) accidents and 11 of the 13 sideswipe (opposite direction) accidents occurred on the SH 82 (Grand Avenue) bridge. Poor driver judgment was a factor in 27 of the 51 sideswipe (same and opposite direction) accidents on the bridge.

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The following features typically associated with a safety project should be provided:

- Good skid resistance and drainage of the roadway surface.
- Adjustment, repair, and upgrade of existing guardrail and bridge rail to meet current standards.
- Superelevation and crown corrections where required.
- Appropriate pavement markings, signing, and delineation.
- Appropriate advance warning signing of intersections and curves.

APPENDIX

WHI Calculation and Detailed Summary of Traffic Accidents

WHI Calculation and General Summary of Traffic Accidents, annually

- 01/01/2008 – 12/31/2008
- 01/01/2009 – 12/31/2009
- 01/01/2010 – 12/31/2010
- 01/01/2011 – 12/31/2011
- 01/01/2012 – 12/31/2012

Strip Map(s) of the Current Traffic Control Devices

Five-Year Accident Listings



Colorado Department of Transportation
Safety and Traffic Engineering
Detailed Accident Summary Report

Job #: 20130819143147

Highway: 82A 70A/6K **Begin:** 0.00 **End:** 0.50 **From:**01/01/2008 **To:**12/31/2012

Severity	Multi-Vehicle	Location
PDO: 352	One Vehicle: 33	On Road: 334 Off in Median: 0
INJ: 9 9 :Injured	Two Vehicles: 308	Off Road Left: 7 Private Property: 1
FAT: 0 0 :Killed	Three or More: 20	Off Road Right: 18 Unknown: 0
Total: 361	Unknown: 0	Off Road at Tee: 1 Total: 361
	Total: 361	

Accident Type

Overturning: 2	Road Maintenance Equipment: 0	Fence: 1
Other Non Collision: 1	Domestic Animal: 0	Tree: 0
School Age Peds: 0	Wild Animal: 0	Large Rocks or Boulder: 0
Ped on Toy Motorized Vehicle: 0	Light/Utility Pole: 10	Railroad Crossing Equipment: 0
Other Pedestrians: 6	Traffic Signal Pole: 2	Barricade: 0
Head On: 4	Sign: 0	Wall/Building: 0
Rear End: 142	Guard Rail: 4	Crash Cushion/Traffic Barrel: 0
Broadside: 19	Cable Rail: 0	Mailbox: 0
Approach Turn: 5	Concrete Highway Barrier: 1	Other Fixed Object: 4
Overtaking Turn: 7	Bridge Structure: 6	Involving Other Object: 2
Sideswipe (Same): 111	Vehicle Debris/Cargo: 0	Unknown: 0
Sideswipe (Opposite): 13	Culvert/Headwall: 0	Total: 361
Parked Motor Vehicle: 18	Embankment: 0	Total Fixed Objects: 29
Railway Vehicle: 0	Curb: 1	Total Other Objects: 2
Bicycle: 2	Delineator Post: 0	

Lighting Conditions

Daylight: 299
Dawn or Dusk: 5
Dark - Lighted: 54
Dark - Unlighted: 1
Unknown: 2
Total: 361

Weather Conditions

None: 321	Dust: 0
Rain: 14	Wind: 0
Snow/Sleet/Hail: 25	Unknown: 1
Fog: 0	
Total: 361	

Road Description

At Intersection: 102
At Driveway Access: 12
Intersection Related: 101
Non Intersection: 140
Alley Related: 0
Roundabout: 0
Ramp: 6
Parking Lot: 0
Unknown: 0
Total: 361

Road Conditions

Dry: 283
Wet: 28
Muddy: 1
Snowy: 11
Icy: 16
Slushy: 6
Foreign Material: 0
Dry w/Icy Road Treatment: 2
Wet w/Icy Road Treatment: 1
Snowy w/Icy Road Treatment: 2
Icy w/Icy Road Treatment: 8
Slushy w/Icy Road Treatment: 2
Unknown: 1
Total: 361

Mainline/Ramps/Frontage Rds

Mainline: 354
Crossroad (Ramp A): 0
Frontage Rd: 0
Ramps
B: 1 H: 0
C: 1 I: 0
D: 2 J: 0
E: 2 K: 0
F: 0 T: 0
G: 0
Intsx Frontage/Ramps
M: 0 N: 0
O: 1 P: 0
HOV Lanes: 0
Uknwn: 0
Total: 361

Accident Rates

PDO: 7.85 MVMT Total: 8.05 MVMT
Injury: 0.20 MVMT
Fatal: 0.00 100 MVMT



**Colorado Department of Transportation
Safety and Traffic Engineering
Detailed Accident Summary Report**

Job #: 20130819143147

Highway: 82A 70A/6K **Begin:** 0.00 **End:** 0.50 **From:**01/01/2008 **To:**12/31/2012

Vehicle Types	Veh 1	Veh 2	Veh 3	Direction	Veh 1	Veh 2	Veh 3
Vehicle/Vehicle Combo (> 10k Lbs):	46	25	0	North:	127	116	10
School Bus (All School Busses):	0	1	0	Northeast:	14	11	0
Non-School Bus (> 8) in Commerce:	3	1	0	East:	51	60	3
Transit Bus:	2	1	0	Southeast:	12	11	1
Passenger Car/Van:	116	154	6	South:	84	71	4
Passenger Car/Van w/Trailer:	2	0	0	Southwest:	3	2	0
Pickup Truck/Utility Van:	76	73	7	West:	62	49	2
Pickup Truck/Utility Van w/Trailer:	14	3	0	Northwest:	8	6	0
SUV:	69	57	6	Unknown:	0	2	0
SUV w/Trailer:	2	1	0	Total:	361	328	20
Motor Home:	3	0	0				
Motorcycle:	3	6	0				
Bicycle:	2	0	0				
Motorized Bicycle:	0	0	0				
Farm Equipment:	0	0	0				
Hit and Run - Unknown:	19	0	1				
Light Rail:	0	0	0				
Other:	4	4	0				
Unknown:	0	2	0				
Commercial Vehicle	Total:	361	328	20			

Contributing Factor	Veh 1	Veh 2	Veh 3	Vehicle Movement	Veh 1	Veh 2	Veh 3
No Apparent Contributing Factor:	154	323	19	Going Straight:	162	108	3
Asleep at the Wheel:	0	0	0	Slowing:	21	12	2
Driver Fatigue:	3	0	0	Stopped in Traffic:	0	131	13
Illness/Medical:	0	0	0	Making Right Turn:	39	26	1
Driver Inexperience:	57	0	0	Making Left Turn:	43	27	0
Agressive Driving:	16	1	0	Making U-Turn:	0	0	0
Driver Unfamiliar with Area:	49	4	0	Passing:	5	0	0
Driver Emotionally Upset:	1	0	0	Backing:	23	0	0
Evading Law Enforcement Officer:	4	0	0	Enter/Leave Parked Pos:	16	0	0
Physical Disability:	2	0	0	Parked:	1	18	1
DUI, DWAI, DUID:	12	0	0	Changing Lanes:	24	1	0
Distracted/Passenger:	5	0	0	Avoiding Object in Road:	2	2	0
Distracted/Cell Phone:	1	0	0	Weaving:	8	1	0
Distracted/Radio:	1	0	0	Spun Out of Control:	13	1	0
Distracted/Other:	40	0	0	Drove Wrong Way:	0	0	0
Other Factor:	16	0	1	Other:	4	0	0
Unknown:	0	0	0	Unknown:	0	1	0
Total:	361	328	20	Total:	361	328	20

Driver Condition (Alcohol)	Veh 1	Veh 2	Veh 3	Driver Condition (Drugs)	Veh 1	Veh 2	Veh 3
No Alcohol Suspected:	295	302	18	No Drugs Suspected:	300	303	18
Alcohol Suspected:	11	2	0	Drugs Suspected:	1	0	0
Unknown Alcohol:	55	24	2	Unknown Drugs:	60	25	2
Alcohol Sub-Total:	361	328	20	Drugs Sub-Total:	361	328	20

ADT: 24,533 **Length:** 1.00 **Coris File:** tcoris2011.dbf



**Colorado Department of Transportation
Safety and Traffic Engineering
General Accident Summary Report**

Job #: 20130819143446

Highway: 82A 70A/6K **Begin:** 0.00 **End:** 0.50 **From:**01/01/2008 **To:**12/31/2008

Severity	
PDO:	94
INJ:	0 0:Injured
FAT:	0 0:Killed
Total:	94

Number of Vehicles	
One Vehicle:	7
Two Vehicles:	83
Three or More:	4
Unknown:	0
Total:	94

Location	
On Road:	90
Off Road:	4
Unknown:	0
Total:	94

Accident Type			
Overtuning:	0	Sideswipe (Same):	29
Other Non Collision:	1	Sideswipe (Opposite):	2
Pedestrians:	0	Approach Turn:	1
Broadside:	5	Overtaking Turn:	0
Head On:	0	Parked Motor Vehicle:	4
Rear End:	46	Railway Vehicle:	0
		Bicycles:	0
		Domestic Animal:	0
		Wild Animal:	0
		Fixed Objects:	5
		Other Objects:	1
		Unknown:	0
		Total:	94

Lighting Conditions	
Daylight:	76
Dawn or Dusk:	2
Dark - Lighted:	15
Dark - Unlighted:	1
Unknown:	0
Total:	94

Mainline/Ramps/Frontage Rds	
Mainline:	93
Ramps:	1
Frontage Roads:	0
Intsx Frontage/Ramps:	0
HOV Lanes:	0
Unknown:	0
Total:	94

Weather Conditions	
None:	77
Rain:	6
Snow/Sleet/Hail:	11
Fog:	0
Dust:	0
Wind:	0
Unknown:	0
Total:	94

Vehicle Types	Vehicle 1	Vehicle 2	Vehicle 3
Vehicle/Vehicle Combo (> 10k Lbs):	14	6	0
School Bus (All School Busses):	0	0	0
Non-School Bus (> 8) in Commerce:	0	0	0
Transit Bus:	0	1	0
Passenger Car/Van:	30	47	0
Passenger Car/Van w/Trailer:	0	0	0
Pickup Truck/Utility Van:	25	16	2
Pickup Truck/Utility Van w/Trailer:	2	1	0
SUV:	20	15	1
SUV w/Trailer:	0	0	0
Motor Home:	0	0	0
Motorcycle:	1	1	0
Bicycle:	0	0	0
Motorized Bicycle:	0	0	0
Farm Equipment:	0	0	0
Hit and Run - Unknown:	2	0	1
Light Rail:	0	0	0
Other:	0	0	0
Unknown:	0	0	0
Commercial Vehicle	Total: 94	87	4

Road Conditions	
Dry:	60
Wet:	14
Muddy:	0
Snowy:	6
Icy:	7
Slushy:	4
Foreign Material:	0
With Road Treatment:	3
Unknown:	0
Total:	94

Accident Rates		
PDO:	9.73 *	* MVMT
INJ:	0.00 *	** 100 MVMT
FAT:	0.00 **	Total: 9.73 *



Colorado Department of Transportation
Safety and Traffic Engineering
General Accident Summary Report

Job #: 20130819143551

Highway: 82A 70A/6K **Begin:** 0.00 **End:** 0.50 **From:**01/01/2009 **To:**12/31/2009

Severity	
PDO:	48
INJ:	4 4:Injured
FAT:	0 0:Killed
Total:	52

Number of Vehicles	
One Vehicle:	1
Two Vehicles:	44
Three or More:	7
Unknown:	0
Total:	52

Location	
On Road:	52
Off Road:	0
Unknown:	0
Total:	52

Accident Type			
Overtuning:	1	Sideswipe (Same):	16
Other Non Collision:	0	Sideswipe (Opposite):	0
Pedestrians:	2	Approach Turn:	0
Broadside:	3	Overtaking Turn:	1
Head On:	1	Parked Motor Vehicle:	1
Rear End:	25	Railway Vehicle:	0
		Bicycles:	2
		Domestic Animal:	0
		Wild Animal:	0
		Fixed Objects:	0
		Other Objects:	0
		Unknown:	0
		Total:	52

Lighting Conditions	
Daylight:	43
Dawn or Dusk:	0
Dark - Lighted:	9
Dark - Unlighted:	0
Unknown:	0
Total:	52

Mainline/Ramps/Frontage Rds	
Mainline:	51
Ramps:	1
Frontage Roads:	0
Intsx Frontage/Ramps:	0
HOV Lanes:	0
Unknown:	0
Total:	52

Weather Conditions	
None:	48
Rain:	1
Snow/Sleet/Hail:	3
Fog:	0
Dust:	0
Wind:	0
Unknown:	0
Total:	52

Vehicle Types	Vehicle 1	Vehicle 2	Vehicle 3
Vehicle/Vehicle Combo (> 10k Lbs):	3	3	0
School Bus (All School Busses):	0	0	0
Non-School Bus (> 8) in Commerce:	1	0	0
Transit Bus:	1	0	0
Passenger Car/Van:	14	25	3
Passenger Car/Van w/Trailer:	0	0	0
Pickup Truck/Utility Van:	13	14	2
Pickup Truck/Utility Van w/Trailer:	4	0	0
SUV:	8	7	2
SUV w/Trailer:	1	0	0
Motor Home:	0	0	0
Motorcycle:	1	1	0
Bicycle:	2	0	0
Motorized Bicycle:	0	0	0
Farm Equipment:	0	0	0
Hit and Run - Unknown:	1	0	0
Light Rail:	0	0	0
Other:	3	1	0
Unknown:	0	0	0
Commercial Vehicle	Total: 52	51	7

Road Conditions	
Dry:	41
Wet:	3
Muddy:	0
Snowy:	1
Icy:	3
Slushy:	1
Foreign Material:	0
With Road Treatment:	3
Unknown:	0
Total:	52

Accident Rates	
PDO:	5.14* * MVMT
INJ:	0.43* ** 100 MVMT
FAT:	0.00**
Total:	5.57*



**Colorado Department of Transportation
Safety and Traffic Engineering
General Accident Summary Report**

Job #: 20130819143626

Highway: 82A 70A/6K **Begin:** 0.00 **End:** 0.50 **From:**01/01/2010 **To:**12/31/2010

Severity	
PDO:	75
INJ:	2 2:Injured
FAT:	0 0:Killed
Total:	77

Number of Vehicles	
One Vehicle:	9
Two Vehicles:	67
Three or More:	1
Unknown:	0
Total:	77

Location	
On Road:	69
Off Road:	8
Unknown:	0
Total:	77

Accident Type			
Overtuning:	0	Sideswipe (Same):	20
Other Non Collision:	0	Sideswipe (Opposite):	6
Pedestrians:	3	Approach Turn:	0
Broadside:	4	Overtaking Turn:	1
Head On:	2	Parked Motor Vehicle:	3
Rear End:	29	Railway Vehicle:	0
		Bicycles:	0
		Domestic Animal:	0
		Wild Animal:	0
		Fixed Objects:	9
		Other Objects:	0
		Unknown:	0
		Total:	77

Lighting Conditions	
Daylight:	64
Dawn or Dusk:	1
Dark - Lighted:	11
Dark - Unlighted:	0
Unknown:	1
Total:	77

Mainline/Ramps/Frontage Rds	
Mainline:	77
Ramps:	0
Frontage Roads:	0
Intsx Frontage/Ramps:	0
HOV Lanes:	0
Unknown:	0
Total:	77

Weather Conditions	
None:	68
Rain:	3
Snow/Sleet/Hail:	6
Fog:	0
Dust:	0
Wind:	0
Unknown:	0
Total:	77

Vehicle Types	Vehicle 1	Vehicle 2	Vehicle 3
Vehicle/Vehicle Combo (> 10k Lbs):	8	7	0
School Bus (All School Busses):	0	0	0
Non-School Bus (> 8) in Commerce:	0	0	0
Transit Bus:	0	0	0
Passenger Car/Van:	30	28	0
Passenger Car/Van w/Trailer:	0	0	0
Pickup Truck/Utility Van:	16	17	1
Pickup Truck/Utility Van w/Trailer:	3	0	0
SUV:	12	10	0
SUV w/Trailer:	1	0	0
Motor Home:	0	0	0
Motorcycle:	0	1	0
Bicycle:	0	0	0
Motorized Bicycle:	0	0	0
Farm Equipment:	0	0	0
Hit and Run - Unknown:	7	0	0
Light Rail:	0	0	0
Other:	0	3	0
Unknown:	0	2	0
Commercial Vehicle	Total: 77	68	1

Road Conditions	
Dry:	63
Wet:	4
Muddy:	1
Snowy:	1
Icy:	2
Slushy:	1
Foreign Material:	0
With Road Treatment:	5
Unknown:	0
Total:	77

Accident Rates	
PDO:	8.46 * * MVMT
INJ:	0.23 * ** 100 MVMT
FAT:	0.00 **
Total:	8.69 *

ADT: 24,282 **Length:** 1.00 **Coris File:** tcoris2010.dbf



Colorado Department of Transportation
Safety and Traffic Engineering
General Accident Summary Report

Job #: 20130819143701

Highway: 82A 70A/6K **Begin:** 0.00 **End:** 0.50 **From:**01/01/2011 **To:**12/31/2011

Severity	
PDO:	68
INJ:	1 1:Injured
FAT:	0 0:Killed
Total:	69

Number of Vehicles	
One Vehicle:	7
Two Vehicles:	60
Three or More:	2
Unknown:	0
Total:	69

Location	
On Road:	63
Off Road:	6
Unknown:	0
Total:	69

Accident Type			
Overtuning:	0	Sideswipe (Same):	29
Other Non Collision:	0	Sideswipe (Opposite):	2
Pedestrians:	1	Approach Turn:	1
Broadside:	2	Overtaking Turn:	2
Head On:	0	Parked Motor Vehicle:	3
Rear End:	21	Railway Vehicle:	0
Bicycles:	0	Domestic Animal:	0
Wild Animal:	0	Fixed Objects:	8
Other Objects:	0	Unknown:	0
Total:	69		

Lighting Conditions	
Daylight:	58
Dawn or Dusk:	0
Dark - Lighted:	10
Dark - Unlighted:	0
Unknown:	1
Total:	69

Mainline/Ramps/Frontage Rds	
Mainline:	68
Ramps:	1
Frontage Roads:	0
Intsx Frontage/Ramps:	0
HOV Lanes:	0
Unknown:	0
Total:	69

Weather Conditions	
None:	64
Rain:	3
Snow/Sleet/Hail:	1
Fog:	0
Dust:	0
Wind:	0
Unknown:	1
Total:	69

Vehicle Types	Vehicle 1	Vehicle 2	Vehicle 3
Vehicle/Vehicle Combo (> 10k Lbs):	13	5	0
School Bus (All School Busses):	0	0	0
Non-School Bus (> 8) in Commerce:	1	0	0
Transit Bus:	1	0	0
Passenger Car/Van:	21	25	1
Passenger Car/Van w/Trailer:	1	0	0
Pickup Truck/Utility Van:	12	15	1
Pickup Truck/Utility Van w/Trailer:	1	1	0
SUV:	12	12	0
SUV w/Trailer:	0	1	0
Motor Home:	1	0	0
Motorcycle:	1	3	0
Bicycle:	0	0	0
Motorized Bicycle:	0	0	0
Farm Equipment:	0	0	0
Hit and Run - Unknown:	4	0	0
Light Rail:	0	0	0
Other:	1	0	0
Unknown:	0	0	0
Commercial Vehicle	Total: 69	62	2

Road Conditions	
Dry:	61
Wet:	4
Muddy:	0
Snowy:	1
Icy:	1
Slushy:	0
Foreign Material:	0
With Road Treatment:	1
Unknown:	1
Total:	69

Accident Rates	
PDO:	7.59 * * MVMT
INJ:	0.11 * ** 100 MVMT
FAT:	0.00 **
Total:	7.71 *

ADT: 24,533 **Length:** 1.00 **Coris File:** tcoris2011.dbf



**Colorado Department of Transportation
Safety and Traffic Engineering
General Accident Summary Report**

Job #: 20130819143738

Highway: 82A 70A/6K **Begin:** 0.00 **End:** 0.50 **From:**01/01/2012 **To:**12/31/2012

Severity	
PDO:	67
INJ:	2 2:Injured
FAT:	0 0:Killed
Total:	69

Number of Vehicles	
One Vehicle:	9
Two Vehicles:	54
Three or More:	6
Unknown:	0
Total:	69

Location	
On Road:	60
Off Road:	9
Unknown:	0
Total:	69

Accident Type			
Overtuning:	1	Sideswipe (Same):	17
Other Non Collision:	0	Sideswipe (Opposite):	3
Pedestrians:	0	Approach Turn:	3
Broadside:	5	Overtaking Turn:	3
Head On:	1	Parked Motor Vehicle:	7
Rear End:	21	Railway Vehicle:	0
		Bicycles:	0
		Domestic Animal:	0
		Wild Animal:	0
		Fixed Objects:	7
		Other Objects:	1
		Unknown:	0
		Total:	69

Lighting Conditions	
Daylight:	58
Dawn or Dusk:	2
Dark - Lighted:	9
Dark - Unlighted:	0
Unknown:	0
Total:	69

Mainline/Ramps/Frontage Rds	
Mainline:	65
Ramps:	4
Frontage Roads:	0
Intsx Frontage/Ramps:	1
HOV Lanes:	0
Unknown:	0
Total:	69

Weather Conditions	
None:	64
Rain:	1
Snow/Sleet/Hail:	4
Fog:	0
Dust:	0
Wind:	0
Unknown:	0
Total:	69

Vehicle Types	Vehicle 1	Vehicle 2	Vehicle 3
Vehicle/Vehicle Combo (> 10k Lbs):	8	4	0
School Bus (All School Busses):	0	1	0
Non-School Bus (> 8) in Commerce:	1	1	0
Transit Bus:	0	0	0
Passenger Car/Van:	21	29	2
Passenger Car/Van w/Trailer:	1	0	0
Pickup Truck/Utility Van:	10	11	1
Pickup Truck/Utility Van w/Trailer:	4	1	0
SUV:	17	13	3
SUV w/Trailer:	0	0	0
Motor Home:	2	0	0
Motorcycle:	0	0	0
Bicycle:	0	0	0
Motorized Bicycle:	0	0	0
Farm Equipment:	0	0	0
Hit and Run - Unknown:	5	0	0
Light Rail:	0	0	0
Other:	0	0	0
Unknown:	0	0	0
Commercial Vehicle	Total: 69	60	6

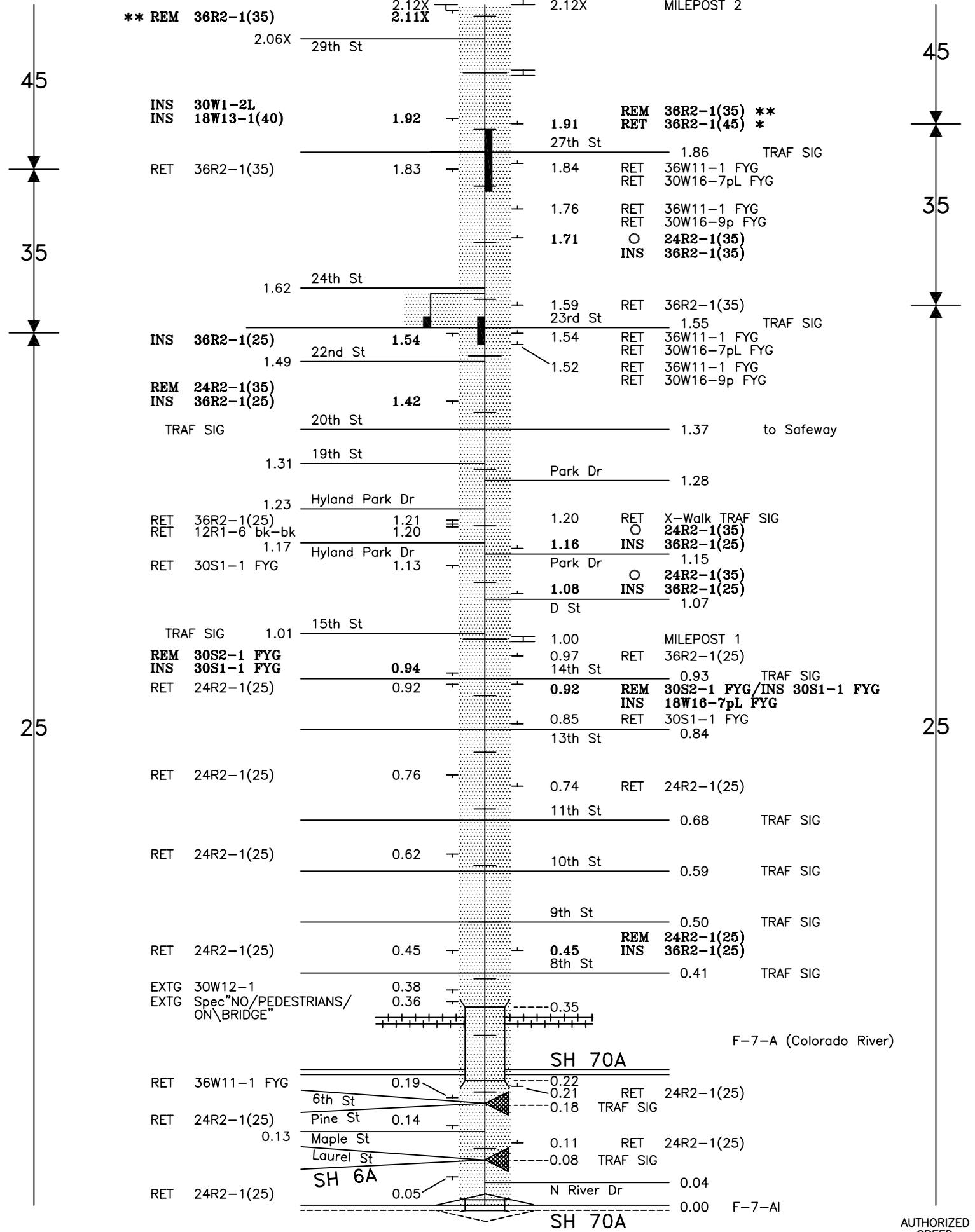
Road Conditions	
Dry:	58
Wet:	3
Muddy:	0
Snowy:	2
Icy:	3
Slushy:	0
Foreign Material:	0
With Road Treatment:	3
Unknown:	0
Total:	69

Accident Rates	
PDO:	7.46 * * MVMT
INJ:	0.22 * ** 100 MVMT
FAT:	0.00 **
Total:	7.68 *

AUTHORIZED SPEED LIMITS AND RECOMMENDED TRAFFIC CONTROL DEVICES



AUTHORIZED SPEED LIMITS



AUTHORIZED SPEED LIMITS



○ MISSING DO NOT REINSTALL
 **UNAUTHORIZED
 *MISSING ON 05-25-10
 SIGNLOG ON 05-25-10

Date Sent to Region: 06-16-10

	FILE	MEMO	SHEET	Implemented with changes as marked
	880.082.01A	6622	1	Date: _____ By: _____

SH 82A FROM SH 70A IN GLENWOOD SPRINGS TO E/O ASPEN

SUPERSEDES SHEET 1, MEMO 5031, 04-20-90

Accidents on SH 82A, MP 0.00 to 0.50, for the Period of January 1, 2008 to December 31, 2012

#	HWY	MP	Date	Time	Sever-ity	Accident Location	Road Description	# of Veh	Road Contour	Road Condition	Lighting Condition	Weather	Ramp	Accident Type	DIR	Vehicle 1 Type	Alcohol	Drugs	Human Factor	Vehicle Speed	Vehicle Movement
1	070A	116.36	8/16/2012	1642	PDO	ON	RAMP	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	Y (B)	REAR END	E	PASSENGER CAR/VAN	Y	N	DUI, DWAI, DUID	010	GOING STRAIGHT
2	070A	116.36	4/18/2012	1250	INJ	OFF LEFT	RAMP	1	CURVE ON-LEVEL	DRY	DAYLIGHT	NONE	Y (E)	OVERTURNING	W	VEH COMBO (10,001 LBS AND OVER)	N	N	OTHER FACTOR	020	MAKING RIGHT TURN
3	070A	116.36	11/14/2008	0840	PDO	ON	RAMP	1	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	Y (E)	OTHER NON-COLLISION	W	VEH COMBO (10,001 LBS AND OVER)	N	N	NONE APPARENT	025	GOING STRAIGHT
4	070A	116.38	10/24/2011	0756	PDO	ON	NON-INTERSECTION	2	CURVE ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	W	HIT & RUN - UNKNOWN	N	N	DISTRACTED / OTHER	050	CHANGING LANES
5	070A	116.38	4/8/2008	0132	PDO	OFF LEFT	NON-INTERSECTION	1	CURVE ON-LEVEL	ICY	DARK-LIGHTED	NONE	N	CONCRETE HIGHWAY BARRIER	W	PICKUP TRUCK / UTILITY VAN	N	N	NONE APPARENT	060	SPUN OUT OF CONTROL
6	070A	116.38	11/15/2012	1647	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAWN OR DUSK	NONE	Y (O)	REAR END	E	PICKUP TRUCK / UTILITY VAN	N	N	OTHER FACTOR	003	OTHER
7	070A	116.39	8/10/2012	1040	PDO	OFF RIGHT	RAMP	1	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	Y (C)	GUARD RAIL	E	SUV	N	N	NONE APPARENT	002	BACKING
8	070A	116.39	1/11/2009	1208	PDO	ON	RAMP	2	STRAIGHT ON-GRADE	WET	DAYLIGHT	SNOW / SLEET/HAIL	Y (D)	REAR END	W	PICKUP TRUCK / UTILITY VAN	N	N	NONE APPARENT	002	BACKING
9	070A	116.39	4/30/2011	0648	PDO	OFF LEFT	RAMP	1	CURVE ON-LEVEL	ICY	DAYLIGHT	NONE	Y (D)	GUARD RAIL	W	SUV	N	N	NONE APPARENT	050	SPUN OUT OF CONTROL
10	082A	0.00	5/9/2008	0735	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	E	VEH COMBO (10,001 LBS AND OVER)	N	N	NONE APPARENT	005	GOING STRAIGHT
11	082A	0.00	5/18/2010	0954	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	E	PASSENGER CAR/VAN	N	N	NONE APPARENT	010	MAKING LEFT TURN
12	082A	0.00	8/3/2010	1503	PDO	ON	AT INTERSECTION	2	CURVE ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	E	PASSENGER CAR/VAN	N	N	NONE APPARENT	015	MAKING LEFT TURN
13	082A	0.00	11/2/2010	1152	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	E	PICKUP TRUCK / UTILITY VAN	N	N	DRIVER UNFAMILIAR W/AREA	010	CHANGING LANES
14	082A	0.00	10/19/2012	1441	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	E	PASSENGER CAR/VAN	N	N	DRIVER INEXPERIENCED	020	CHANGING LANES
15	082A	0.01	8/1/2008	1620	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	S	SUV	N	N	DRIVER UNFAMILIAR W/AREA	005	GOING STRAIGHT
16	082A	0.01	7/20/2011	0909	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	W	SUV	N	N	DRIVER INEXPERIENCED	010	MAKING LEFT TURN
17	082A	0.04	8/21/2008	1223	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	W	PASSENGER CAR/VAN	N	N	DRIVER INEXPERIENCED	015	GOING STRAIGHT
18	082A	0.04	3/22/2010	0657	PDO	ON	AT INTERSECTION	2	CURVE ON-GRADE	DRY	DARK-LIGHTED	NONE	N	REAR END	W	PICKUP TRUCK / UTILITY VAN	N	N	NONE APPARENT	005	MAKING RIGHT TURN
19	082A	0.04	7/16/2010	1314	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	S	SUV	N	N	NONE APPARENT	005	GOING STRAIGHT

Accidents on SH 82A, MP 0.00 to 0.50, for the Period of January 1, 2008 to December 31, 2012

#	HWY	MP	Date	Time	Sever-ity	Accident Location	Road Description	# of Veh	Road Contour	Road Condition	Lighting Condition	Weather	Ramp	Accident Type	DIR	Vehicle 1 Type	Alcohol	Drugs	Human Factor	Vehicle Speed	Vehicle Movement
20	082A	0.04	8/9/2010	0935	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	W	PASSENGER CAR/VAN	N	N	AGGRESSIVE DRIVING	005	GOING STRAIGHT
21	082A	0.04	2/15/2011	0849	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	W	SUV	N	N	NONE APPARENT	005	SLOWING
22	082A	0.04	1/6/2009	0437	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-GRADE	SNOWY	DARK-LIGHTED	SNOW / SLEET/HAIL	N	BROADSIDE	W	SUV	N	N	DRIVER UNFAMILIAR W/AREA	020	GOING STRAIGHT
23	082A	0.04	4/14/2012	1305	PDO	ON	AT INTERSECTION	3	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	BROADSIDE	W	PASSENGER CAR/VAN	N	N	DRIVER UNFAMILIAR W/AREA	005	MAKING LEFT TURN
24	082A	0.04	11/17/2012	1302	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	OVERTAKING TURN	W	PASSENGER CAR/VAN	N	N	DRIVER UNFAMILIAR W/AREA	020	GOING STRAIGHT
25	082A	0.04	10/12/2011	1604	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	OVERTAKING TURN	S	PICKUP TRUCK / UTILITY VAN	N	N	DRIVER UNFAMILIAR W/AREA	010	GOING STRAIGHT
26	082A	0.04	12/29/2012	1900	PDO	PRIVATE PROPERTY	AT INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DARK-LIGHTED	NONE	N	SIDESWIPE (SAME DIRECTION)	S	HIT & RUN - UNKNOWN	N	N	AGGRESSIVE DRIVING	025	MAKING RIGHT TURN
27	082A	0.04	7/9/2010	2110	PDO	ON	AT INTERSECTION	2	CURVE ON-GRADE	DRY	DAYLIGHT	NONE	N	OVERTAKING TURN	S	PASSENGER CAR/VAN	N	N	DRIVER UNFAMILIAR W/AREA	010	GOING STRAIGHT
28	082A	0.05	12/29/2010	0915	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	SNOWY	DAYLIGHT	SNOW / SLEET/HAIL	N	REAR END	W	PASSENGER CAR/VAN	N	N	NONE APPARENT	005	GOING STRAIGHT
29	082A	0.06	9/24/2011	1234	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	S	PASSENGER CAR/VAN	N	N	DRIVER INEXPERIENC E	010	GOING STRAIGHT
30	082A	0.06	2/6/2008	0719	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY W/VIS ICY ROAD TREATMENT	DAYLIGHT	NONE	N	BROADSIDE	W	PICKUP TRUCK / UTILITY VAN	N	N	NONE APPARENT	005	MAKING RIGHT TURN
31	082A	0.06	7/15/2010	1715	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	BROADSIDE	W	SUV	N	N	DRIVER INEXPERIENC E	010	MAKING LEFT TURN
32	082A	0.06	5/7/2011	1538	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	BROADSIDE	W	PASSENGER CAR/VAN	N	N	NONE APPARENT	005	MAKING LEFT TURN
33	082A	0.06	10/15/2011	1106	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	UNKNOWN	DAYLIGHT	NONE	N	BROADSIDE	W	HIT & RUN - UNKNOWN	N	N	NONE APPARENT	UK	MAKING LEFT TURN
34	082A	0.06	6/3/2008	0700	PDO	ON	AT INTERSECTION	3	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	N	PICKUP TRUCK / UTILITY VAN	N	N	DISTRACTED / OTHER	010	GOING STRAIGHT
35	082A	0.06	6/5/2009	0803	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	PASSENGER CAR/VAN	N	N	DRIVER INEXPERIENC E	020	CHANGING LANES
36	082A	0.07	5/13/2012	1548	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	S	PICKUP TRUCK / UTILITY VAN	N	N	NONE APPARENT	002	BACKING
37	006K	0.31	1/22/2008	1351	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	WET	DAYLIGHT	NONE	N	REAR END	E	PICKUP TRUCK/UTILITY VAN	N	N	DRIVER UNFAMILIAR W/AREA	5	BACKING
38	006K	0.31	6/9/2010	1855	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	E	SUV	N	N	DISTRACTED / OTHER	5	GOING STRAIGHT

Accidents on SH 82A, MP 0.00 to 0.50, for the Period of January 1, 2008 to December 31, 2012

#	HWY	MP	Date	Time	Sever-ity	Accident Location	Road Description	# of Veh	Road Contour	Road Condition	Lighting Condition	Weather	Ramp	Accident Type	DIR	Vehicle 1 Type	Alcohol	Drugs	Human Factor	Vehicle Speed	Vehicle Movement
39	006K	0.31	4/24/2009	758	PDO	ON	DRIVEWAY ACCESS RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	BROADSIDE	N	PICKUP TRUCK/UTILITY VAN	N	N	NONE APPARENT	3	GOING STRAIGHT
40	006K	0.32	1/12/2008	1430	PDO	ON	DRIVEWAY ACCESS RELATED	2	STRAIGHT ON-LEVEL	SNOWY	DAYLIGHT	SNOW / SLEET / HAIL	N	BROADSIDE	N	PASSENGER CAR/VAN	N	N	NONE APPARENT	5	MAKING LEFT TURN
41	006K	0.33	8/17/2012	1653	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	E	PICKUP TRUCK/UTILITY VAN	N	N	NONE APPARENT	5	GOING STRAIGHT
42	006K	0.33	4/15/2008	1500	PDO	ON	DRIVEWAY ACCESS RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	S	PASSENGER CAR/VAN	N	N	DRIVER UNFAMILIAR W/AREA	5	MAKING LEFT TURN
43	006K	0.33	11/10/2012	1348	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	PASSENGER CAR/VAN	N	N	NONE APPARENT	25	MAKING RIGHT TURN
44	006K	0.33	2/22/2008	800	PDO	OFF RIGHT	DRIVEWAY ACCESS RELATED	1	CURVE ON-LEVEL	WET	DAYLIGHT	NONE	N	LIGHT / UTILITY POLE	N	HIT & RUN - UNKNOWN	N	N	NONE APPARENT	10	MAKING RIGHT TURN
45	006K	0.33	2/28/2010	1440	PDO	OFF RIGHT	NON-INTERSECTION	1	CURVE ON-LEVEL	DRY	DAYLIGHT	NONE	N	LIGHT / UTILITY POLE	NW	HIT & RUN - UNKNOWN	N	N	DISTRACTED / OTHER	25	MAKING LEFT TURN
46	006K	0.34	7/24/2009	1518	PDO	ON	DRIVEWAY ACCESS RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	HEAD ON	N	SUV	N	N	DRIVER UNFAMILIAR W/AREA	5	MAKING RIGHT TURN
47	006K	0.34	5/27/2008	805	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	W	VEH COMBO (10,001 LBS AND OVER)	N	N	NONE APPARENT	15	GOING STRAIGHT
48	006K	0.34	12/13/2008	1835	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	WET	DARK-LIGHTED	NONE	N	REAR END	S	SUV	N	N	OTHER FACTOR	2	OTHER
49	006K	0.34	12/15/2008	745	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	ICY W/VISICY ROAD TREATMENT	DAYLIGHT	NONE	N	REAR END	W	PICKUP TRUCK/UTILITY VAN	N	N	NONE APPARENT	15	GOING STRAIGHT
50	006K	0.34	7/27/2009	930	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	S	SUV W/TRAILER	N	N	NONE APPARENT	5	BACKING
51	006K	0.34	3/13/2008	1145	PDO	ON	AT INTERSECTION	2	CURVE ON-LEVEL	DRY	DAYLIGHT	SNOW / SLEET / HAIL	N	SIDESWIPE (SAME DIRECTION)	W	SUV	N	N	NONE APPARENT	25	MAKING LEFT TURN
52	006K	0.34	9/21/2008	740	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	VEH COMBO (10,001 LBS AND OVER)	N	N	AGRESSIVE DRIVING	5	MAKING RIGHT TURN
53	006K	0.34	10/8/2008	1105	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	W	PICKUP TRUCK/UTILITY VAN W/TRAILER	N	N	DRIVER INEXPERIENC E	15	MAKING LEFT TURN
54	006K	0.34	12/1/2008	1333	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	W	PASSENGER CAR/VAN	N	N	NONE APPARENT	25	MAKING LEFT TURN
55	006K	0.34	11/27/2012	814	PDO	ON	AT INTERSECTION	1	CURVE ON-LEVEL	DRY	DAYLIGHT	NONE	N	OTHER FIXED OBJECT	W	VEH COMBO (10,001 LBS AND OVER)	N	N	NONE APPARENT	15	MAKING LEFT TURN
56	006K	0.34	10/8/2008	1426	PDO	ON	AT INTERSECTION	1	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	INVOLVING OTHER OBJECT	W	VEH COMBO (10,001 LBS AND OVER)	N	N	DRIVER UNFAMILIAR W/AREA	15	MAKING LEFT TURN

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#	HWY	MP	Date	Time	Sever-ity	Accident Location	Road Description	# of Veh	Road Contour	Road Condition	Lighting Condition	Weather	Ramp	Accident Type	DIR	Vehicle 1 Type	Alcohol	Drugs	Human Factor	Vehicle Speed	Vehicle Movement
57	082A	0.07	5/3/2012	1329	PDO	ON	INTERSECTION RELATED	2	CURVE ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	E	PASSENGER CAR/VAN	N	N	AGRESSIVE DRIVING	025	CHANGING LANES
58	082A	0.07	3/10/2010	1226	INJ	ON	AT INTERSECTION	2	CURVE ON-LEVEL	DRY	DAYLIGHT	NONE	N	PEDESTRIAN (ALL OTHER)	S	PASSENGER CAR/VAN	N	N	NONE APPARENT DRIVER UNFAMILIAR W/AREA	007	MAKING LEFT TURN
59	082A	0.07	9/15/2009	1630	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	N	PASSENGER CAR/VAN	N	N	DRIVER UNFAMILIAR W/AREA	005	BACKING
60	082A	0.07	4/8/2011	0807	PDO	ON	AT INTERSECTION	2	CURVE ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	E	PASSENGER CAR/VAN	N	N	DRIVER INEXPERIENCED	005	GOING STRAIGHT
61	082A	0.07	9/20/2011	1432	PDO	ON	INTERSECTION RELATED	2	CURVE ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	W	PASSENGER CAR/VAN	N	N	DRIVER UNFAMILIAR W/AREA	005	GOING STRAIGHT
62	082A	0.07	8/13/2012	1112	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	WET	DAYLIGHT	RAIN	N	REAR END	N	MOTOR HOME	N	N	DRIVER UNFAMILIAR W/AREA	005	BACKING
63	082A	0.07	7/22/2012	0804	PDO	ON	AT INTERSECTION	2	CURVE ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	E	PASSENGER CAR/VAN	N	N	DRIVER UNFAMILIAR W/AREA	020	CHANGING LANES
64	082A	0.07	8/3/2012	1426	PDO	ON	DRIVEWAY ACCESS RELATED	2	CURVE ON-LEVEL	DRY	DAYLIGHT	NONE	N	OVERTAKING TURN	E	PASSENGER CAR/VAN	N	N	DRIVER INEXPERIENCED	020	MAKING RIGHT TURN
65	082A	0.07	3/27/2010	1837	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	BROADSIDE	N	PICKUP TRUCK / UTILITY VAN W/TRAILER	N	N	NONE APPARENT	015	MAKING LEFT TURN
66	082A	0.07	2/12/2010	1117	PDO	ON	INTERSECTION RELATED	2	CURVE ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	W	PICKUP TRUCK / UTILITY VAN W/TRAILER	N	N	NONE APPARENT	015	MAKING LEFT TURN
67	082A	0.07	7/14/2010	0759	PDO	ON	INTERSECTION RELATED	2	CURVE ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	E	PICKUP TRUCK / UTILITY VAN	N	N	DRIVER INEXPERIENCED	015	MAKING RIGHT TURN
68	082A	0.07	9/12/2010	1700	PDO	ON	AT INTERSECTION	2	CURVE ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	E	PASSENGER CAR/VAN	N	N	DISTRACTED / OTHER	010	MAKING RIGHT TURN
69	082A	0.07	12/13/2010	1236	PDO	ON	AT INTERSECTION	2	CURVE ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	PICKUP TRUCK / UTILITY VAN	N	N	AGRESSIVE DRIVING	010	MAKING RIGHT TURN
70	082A	0.07	1/6/2011	0848	PDO	ON	AT INTERSECTION	2	CURVE ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	VEH COMBO (10,001 LBS AND OVER)	N	N	NONE APPARENT	015	CHANGING LANES
71	082A	0.07	5/15/2011	0849	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	VEH COMBO (10,001 LBS AND OVER)	N	N	EVADING LAW ENFORCEMENT OFFICER	010	MAKING RIGHT TURN
72	082A	0.07	6/16/2011	1502	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	VEH COMBO (10,001 LBS AND OVER)	N	N	EVADING LAW ENFORCEMENT OFFICER	010	MAKING RIGHT TURN
73	082A	0.07	10/2/2011	0951	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	OVERTAKING TURN	E	VEH COMBO (10,001 LBS AND OVER)	N	N	DRIVER UNFAMILIAR W/AREA	005	MAKING RIGHT TURN
74	082A	0.07	10/5/2011	1300	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	PASSENGER CAR/VAN	N	N	AGRESSIVE DRIVING	020	MAKING RIGHT TURN

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#	HWY	MP	Date	Time	Sever-ity	Accident Location	Road Description	# of Veh	Road Contour	Road Condition	Lighting Condition	Weather	Ramp	Accident Type	DIR	Vehicle 1 Type	Alcohol	Drugs	Human Factor	Vehicle Speed	Vehicle Movement
75	082A	0.07	11/10/2011	1109	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	W	PASSENGER CAR/VAN	N	N	PHYSICAL DISABILITY	015	MAKING LEFT TURN
76	082A	0.07	12/21/2011	0524	PDO	ON	AT INTERSECTION	2	CURVE ON-GRADE	DRY	DARK-LIGHTED	NONE	N	SIDESWIPE (SAME DIRECTION)	N	VEH COMBO (10,001 LBS AND OVER)	N	N	DRIVER INEXPERIENCE	010	MAKING RIGHT TURN
77	082A	0.07	2/24/2012	1556	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	SUV	N	N	AGRESSIVE DRIVING	20	MAKING RIGHT TURN
78	082A	0.07	5/29/2012	0747	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	E	SUV	N	N	DISTRACTED / OTHER	025	MAKING RIGHT TURN
79	082A	0.07	7/21/2011	1825	PDO	OFF LEFT	AT INTERSECTION	1	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	LIGHT /UTILITY POLE	W	VEH COMBO (10,001 LBS AND OVER)	N	N	OTHER FACTOR	005	GOING STRAIGHT
80	082A	0.07	4/2/2010	0118	PDO	OFF LEFT	AT INTERSECTION	1	STRAIGHT ON-LEVEL	ICY	DARK-LIGHTED	NONE	N	TRAFFIC SIGNAL POLE	N	VEH COMBO (10,001 LBS AND OVER)	N	N	EVADING LAW ENFORCEMENT OFFICER	015	MAKING RIGHT TURN
81	082A	0.07	11/9/2011	1000	PDO	ON	AT INTERSECTION	1	CURVE ON-GRADE	DRY	DAYLIGHT	NONE	N	TRAFFIC SIGNAL POLE	N	VEH COMBO (10,001 LBS AND OVER)	N	N	DRIVER INEXPERIENCE	020	MAKING RIGHT TURN
82	082A	0.07	9/24/2010	1045	PDO	ON	AT INTERSECTION	1	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	OTHER FIXED OBJECT	E	VEH COMBO (10,001 LBS AND OVER)	N	N	DISTRACTED / OTHER	020	GOING STRAIGHT
83	082A	0.07	2/28/2011	1636	PDO	ON	AT INTERSECTION	1	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	OTHER FIXED OBJECT	W	VEH COMBO (10,001 LBS AND OVER)	N	N	DRIVER UNFAMILIAR W/AREA	005	MAKING LEFT TURN
84	082A	0.07	9/11/2012	0840	PDO	ON	INTERSECTION RELATED	1	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	INVOLVING OTHER OBJECT	N	VEH COMBO (10,001 LBS AND OVER)	N	N	UNFAMILIAR W/AREA	005	MAKING RIGHT TURN
85	082A	0.08	8/2/2008	2124	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DARK-LIGHTED	NONE	N	REAR END	W	SUV	N	N	DRIVER FATIGUE	015	GOING STRAIGHT
86	082A	0.08	9/11/2008	0819	PDO	ON	AT INTERSECTION	3	STRAIGHT ON-LEVEL	WET	DAYLIGHT	NONE	N	REAR END	W	SUV	N	N	DRIVER UNFAMILIAR W/AREA	015	GOING STRAIGHT
87	082A	0.08	8/26/2009	1659	PDO	ON	DRIVEWAY ACCESS RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	E	SUV	N	N	DRIVER INEXPERIENCE	010	GOING STRAIGHT
88	082A	0.08	6/9/2011	1519	PDO	ON	DRIVEWAY ACCESS RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	E	PASSENGER CAR/VAN	N	N	DISTRACTED / OTHER	010	GOING STRAIGHT
89	082A	0.08	7/17/2011	2231	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DARK-LIGHTED	NONE	N	REAR END	W	SUV	N	N	DRIVER FATIGUE	010	GOING STRAIGHT
90	082A	0.08	3/27/2012	0814	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	W	SUV	N	N	NONE APPARENT	10	GOING STRAIGHT
91	082A	0.08	7/17/2008	1322	PDO	ON	DRIVEWAY ACCESS RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	BROADSIDE	S	PASSENGER CAR/VAN	N	N	DRIVER INEXPERIENCE	010	MAKING LEFT TURN
92	082A	0.08	5/20/2012	1314	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	VEH COMBO (10,001 LBS AND OVER)	N	N	NONE APPARENT	005	MAKING RIGHT TURN

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#	HWY	MP	Date	Time	Sever-ity	Accident Location	Road Description	# of Veh	Road Contour	Road Condition	Lighting Condition	Weather	Ramp	Accident Type	DIR	Vehicle 1 Type	Alcohol	Drugs	Human Factor	Vehicle Speed	Vehicle Movement
93	082A	0.08	7/15/2012	1431	PDO	ON	DRIVEWAY ACCESS RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	BROADSIDE	S	PICKUP TRUCK / UTILITY VAN W/TRAILER	N	N	OTHER FACTOR	005	BACKING
94	082A	0.08	7/29/2012	1847	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	S	PASSENGER CAR/VAN	N	N	NONE APPARENT	010	OTHER
95	082A	0.08	6/15/2010	1240	PDO	ON	INTERSECTION RELATED	2	CURVE ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	PICKUP TRUCK / UTILITY VAN W/TRAILER	N	N	NONE APPARENT	020	MAKING RIGHT TURN
96	082A	0.09	6/26/2008	0800	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	E	PICKUP TRUCK / UTILITY VAN	N	N	DRIVER INEXPERIENCED	010	SLOWING
97	082A	0.09	10/10/2011	1700	PDO	ON	INTERSECTION RELATED	2	CURVE ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	E	SUV	N	N	NONE APPARENT	005	GOING STRAIGHT
98	082A	0.09	12/11/2012	1708	PDO	ON	DRIVEWAY ACCESS RELATED	2	STRAIGHT ON-LEVEL	WET	DARK-LIGHTED	NONE	N	APPROACH TURN	E	SUV	N	N	UNFAMILIAR W/AREA	010	MAKING LEFT TURN
99	082A	0.09	8/2/2010	2046	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	WET	DARK-LIGHTED	NONE	N	SIDESWIPE (OPPOSITE DIRECTION)	W	SUV	N	N	NONE APPARENT	025	BACKING
100	082A	0.10	6/24/2009	1547	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	W	PASSENGER CAR/VAN	N	N	NONE APPARENT	025	CHANGING LANES
101	082A	0.10	2/7/2011	0922	PDO	ON	DRIVEWAY ACCESS RELATED	2	STRAIGHT ON-LEVEL	SNOWY	DAYLIGHT	SNOW / SLEET/HAIL	N	SIDESWIPE (SAME DIRECTION)	E	PASSENGER CAR/VAN	N	N	NONE APPARENT	005	GOING STRAIGHT
102	082A	0.09	6/27/2009	2130	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DARK-LIGHTED	NONE	N	REAR END	W	PICKUP TRUCK / UTILITY VAN W/TRAILER	N	N	NONE APPARENT	015	BACKING
103	082A	0.11	9/24/2009	0815	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	E	SUV	N	N	NONE APPARENT	010	GOING STRAIGHT
104	082A	0.11	5/21/2010	0637	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	BROADSIDE	S	PASSENGER CAR/VAN	N	N	DISTRACTED / OTHER	010	MAKING RIGHT TURN
105	082A	0.11	5/11/2010	1620	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	W	SUV	N	N	NONE APPARENT	025	CHANGING LANES
106	082A	0.12	6/22/2009	1428	PDO	ON	INTERSECTION RELATED	3	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	W	SUV	N	N	DISTRACTED / OTHER	015	GOING STRAIGHT
107	082A	0.12	8/7/2010	1214	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	W	PICKUP TRUCK / UTILITY VAN	N	N	PHYSICAL DISABILITY	010	SLOWING
108	082A	0.12	8/1/2008	1514	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	BROADSIDE	S	SUV	N	N	UNFAMILIAR W/AREA	010	MAKING LEFT TURN
109	082A	0.12	11/2/2010	0811	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	BROADSIDE	S	SUV	N	N	NONE APPARENT	015	MAKING LEFT TURN
110	082A	0.12	5/3/2008	1438	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	W	PASSENGER CAR/VAN	N	N	DRIVER FATIGUE	025	CHANGING LANES
111	082A	0.12	12/24/2008	0817	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	ICY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	W	PASSENGER CAR/VAN	N	N	NONE APPARENT	003	MAKING LEFT TURN
112	082A	0.12	2/24/2010	1004	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	W	PICKUP TRUCK / UTILITY VAN	N	N	NONE APPARENT	020	CHANGING LANES

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#	HWY	MP	Date	Time	Sever-ity	Accident Location	Road Description	# of Veh	Road Contour	Road Condition	Lighting Condition	Weather	Ramp	Accident Type	DIR	Vehicle 1 Type	Alcohol	Drugs	Human Factor	Vehicle Speed	Vehicle Movement
113	082A	0.13	6/30/2009	1719	INJ	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	PEDESTRIAN (ALL OTHER)	S	OTHER - SEE REPORT	N	N	NONE APPARENT	UK	GOING STRAIGHT
114	082A	0.13	1/10/2008	0812	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	SLUSHY W/VIS ICY ROAD TREATMENT	DAYLIGHT	SNOW / SLEET/HAIL	N	REAR END	W	PASSENGER CAR/VAN	N	N	NONE APPARENT	005	SLOWING
115	082A	0.13	5/18/2011	0700	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	W	PICKUP TRUCK / UTILITY VAN	N	N	AGRESSIVE DRIVING	025	GOING STRAIGHT
116	082A	0.14	7/6/2012	0946	PDO	ON	INTERSECTION RELATED	3	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	E	SUV	N	N	DRIVER INEXPERIENC E	015	GOING STRAIGHT
117	082A	0.15	9/19/2010	1317	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	W	SUV	N	N	DISTRACTED / OTHER	010	SLOWING
118	082A	0.16	6/5/2009	1212	PDO	ON	INTERSECTION RELATED	3	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	E	VEH COMBO (10,001 LBS AND OVER)	N	N	DRIVER UNFAMILIAR W/AREA	005	BACKING
119	082A	0.16	9/20/2011	2039	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DARK-LIGHTED	NONE	N	REAR END	S	PICKUP TRUCK / UTILITY VAN	N	N	DISTRACTED / PASSENGER	005	BACKING
120	082A	0.17	10/31/2008	1021	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	E	PICKUP TRUCK / UTILITY VAN	N	N	NONE APPARENT	020	GOING STRAIGHT
121	082A	0.17	1/16/2009	1524	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	N	PICKUP TRUCK / UTILITY VAN	N	N	DRIVER INEXPERIENC E	025	CHANGING LANES
122	082A	0.17	12/10/2009	1515	PDO	ON	INTERSECTION RELATED	3	CURVE ON-LEVEL	SLUSHY	DAYLIGHT	NONE	N	REAR END	E	PICKUP TRUCK / UTILITY VAN	N	N	DRIVER INEXPERIENC E	010	GOING STRAIGHT
123	082A	0.17	7/31/2010	2103	PDO	ON	INTERSECTION RELATED	2	CURVE ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	E	PICKUP TRUCK / UTILITY VAN	N	N	DISTRACTED / RADIO	010	SLOWING
124	082A	0.17	9/18/2010	2007	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DARK-LIGHTED	NONE	N	REAR END	E	PICKUP TRUCK / UTILITY VAN	N	N	NONE APPARENT	005	BACKING
125	082A	0.17	3/25/2012	1522	INJ	ON	INTERSECTION RELATED	3	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	E	SUV	Y	N	DUI, DWAI, DUID	10	GOING STRAIGHT
126	082A	0.17	12/1/2008	0826	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	E	PASSENGER CAR/VAN	N	N	OTHER FACTOR	025	CHANGING LANES
127	082A	0.17	1/29/2011	1111	PDO	ON	INTERSECTION RELATED	2	CURVE ON-LEVEL	DRY	UNKNOWN	UNKNOWN	N	SIDESWIPE (SAME DIRECTION)	N	PASSENGER CAR/VAN	N	N	NONE APPARENT	020	CHANGING LANES
128	082A	0.17	6/17/2011	1358	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	MOTORCYCLE	N	N	DRIVER INEXPERIENC E	010	MAKING LEFT TURN
129	082A	0.17	1/29/2008	0904	PDO	OFF RIGHT	INTERSECTION RELATED	1	STRAIGHT ON-LEVEL	ICY	DAYLIGHT	NONE	N	LIGHT / UTILITY POLE	N	PASSENGER CAR/VAN	N	N	DRIVER INEXPERIENC E	015	MAKING LEFT TURN
130	082A	0.17	2/2/2010	1400	PDO	OFF LEFT	NON-INTERSECTION	1	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	LIGHT / UTILITY POLE	W	HIT & RUN - UNKNOWN	N	N	NONE APPARENT	025	GOING STRAIGHT

Accidents on SH 82A, MP 0.00 to 0.50, for the Period of January 1, 2008 to December 31, 2012

#	HWY	MP	Date	Time	Sever-ity	Accident Location	Road Description	# of Veh	Road Contour	Road Condition	Lighting Condition	Weather	Ramp	Accident Type	DIR	Vehicle 1 Type	Alcohol	Drugs	Human Factor	Vehicle Speed	Vehicle Movement
131	082A	0.18	1/28/2008	1700	PDO	ON	NON-INTERSECTION	2	CURVE ON-GRADE	SNOWY	DAYLIGHT	SNOW / SLEET/HAIL	N	REAR END	S	SUV	N	N	NONE APPARENT	005	GOING STRAIGHT
132	082A	0.18	1/13/2009	1928	PDO	ON	INTERSECTION RELATED	2	CURVE ON-GRADE	DRY	DARK-LIGHTED	NONE	N	REAR END	E	PASSENGER CAR/VAN	N	N	AGGRESSIVE DRIVING	010	GOING STRAIGHT
133	082A	0.18	4/14/2008	0000	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (OPPOSITE DIRECTION)	S	PICKUP TRUCK / UTILITY VAN	N	N	NONE APPARENT	025	GOING STRAIGHT
134	082A	0.18	8/5/2009	1135	INJ	ON	INTERSECTION RELATED	1	CURVE ON-GRADE	DRY	DAYLIGHT	NONE	N	OVERTURNING	E	MOTORCYCLE	N	N	DRIVER INEXPERIENC E	020	SPUN OUT OF CONTROL
135	082A	0.18	6/6/2008	2230	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DARK-LIGHTED	NONE	N	APPROACH TURN	W	PASSENGER CAR/VAN	N	N	NONE APPARENT	005	MAKING LEFT TURN
136	082A	0.18	11/23/2009	1215	PDO	ON	AT INTERSECTION	3	CURVE ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	E	SUV	N	N	NONE APPARENT	025	SLOWING
137	082A	0.18	12/14/2009	0851	PDO	ON	AT INTERSECTION	2	CURVE ON-GRADE	ICY	DAYLIGHT	NONE	N	REAR END	S	SUV	N	N	DRIVER INEXPERIENC E	010	GOING STRAIGHT
138	082A	0.18	12/17/2009	1500	PDO	ON	AT INTERSECTION	2	CURVE ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	E	PASSENGER CAR/VAN	N	N	OTHER FACTOR DRIVER UNFAMILIAR W/AREA	020	SLOWING
139	082A	0.18	5/22/2010	1600	PDO	ON	INTERSECTION RELATED	2	CURVE ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	E	PASSENGER CAR/VAN	N	N	DRIVER UNFAMILIAR W/AREA	010	GOING STRAIGHT
140	082A	0.18	7/21/2010	1130	PDO	ON	INTERSECTION RELATED	2	CURVE ON-GRADE	WET	DAYLIGHT	RAIN	N	REAR END	E	PASSENGER CAR/VAN	N	N	NONE APPARENT	010	MAKING RIGHT TURN
141	082A	0.18	8/7/2010	2130	PDO	ON	INTERSECTION RELATED	2	CURVE ON-GRADE	WET	DARK-LIGHTED	RAIN	N	REAR END	E	PASSENGER CAR/VAN	N	N	DISTRACTED / OTHER	010	SLOWING
142	082A	0.18	8/30/2010	1033	PDO	ON	INTERSECTION RELATED	2	CURVE ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	E	PASSENGER CAR/VAN	N	N	DRIVER INEXPERIENC E	010	SLOWING
143	082A	0.18	10/25/2010	1450	PDO	ON	AT INTERSECTION	2	CURVE ON-GRADE	WET	DAYLIGHT	RAIN	N	REAR END	E	PICKUP TRUCK / UTILITY VAN	N	N	NONE APPARENT	015	MAKING RIGHT TURN
144	082A	0.18	2/13/2011	1900	PDO	ON	INTERSECTION RELATED	2	CURVE ON-LEVEL	DRY	DARK-LIGHTED	NONE	N	REAR END	E	PICKUP TRUCK / UTILITY VAN	N	N	DRIVER UNFAMILIAR W/AREA	010	MAKING RIGHT TURN
145	082A	0.18	3/7/2011	2013	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DARK-LIGHTED	NONE	N	REAR END	E	SUV	N	N	DISTRACTED / OTHER	005	BACKING
146	082A	0.18	4/24/2011	1559	PDO	ON	AT INTERSECTION	2	CURVE ON-GRADE	WET	DAYLIGHT	NONE	N	REAR END	E	PASSENGER CAR/VAN	N	N	DRIVER INEXPERIENC E	005	BACKING
147	082A	0.18	11/2/2011	1757	PDO	ON	AT INTERSECTION	2	CURVE ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	E	PASSENGER CAR/VAN	N	N	DISTRACTED / OTHER	003	SLOWING
148	082A	0.18	12/5/2011	1329	PDO	ON	AT INTERSECTION	2	CURVE ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	E	SUV	N	N	NONE APPARENT	015	MAKING RIGHT TURN
149	082A	0.18	1/16/2012	1828	PDO	ON	AT INTERSECTION	3	STRAIGHT ON-GRADE	ICY	DARK-LIGHTED	SNOW / SLEET/HAIL	N	REAR END	N	SUV	N	N	DRIVER INEXPERIENC E	10	GOING STRAIGHT
150	082A	0.18	5/29/2012	1749	PDO	ON	AT INTERSECTION	2	CURVE ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	E	PICKUP TRUCK / UTILITY VAN W/TRAILER	N	N	NONE APPARENT	020	MAKING RIGHT TURN

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#	HWY	MP	Date	Time	Sever-ity	Accident Location	Road Description	# of Veh	Road Contour	Road Condition	Lighting Condition	Weather	Ramp	Accident Type	DIR	Vehicle 1 Type	Alcohol	Drugs	Human Factor	Vehicle Speed	Vehicle Movement
151	082A	0.18	9/28/2008	2119	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DARK-LIGHTED	NONE	N	SIDESWIPE (SAME DIRECTION)	N	PICKUP TRUCK / UTILITY VAN	N	N	DRIVER UNFAMILIAR W/AREA	010	MAKING LEFT TURN
152	082A	0.18	8/22/2009	0845	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	OVERTAKING TURN	N	PASSENGER CAR/VAN	N	N	DRIVER UNFAMILIAR W/AREA	010	GOING STRAIGHT
153	082A	0.18	11/11/2009	1429	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	VEH COMBO (10,001 LBS AND OVER)	N	N	DRIVER UNFAMILIAR W/AREA	005	MAKING LEFT TURN
154	082A	0.18	7/18/2008	1030	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	VEH COMBO (10,001 LBS AND OVER)	N	N	NONE APPARENT	005	MAKING LEFT TURN
155	082A	0.18	4/8/2009	1520	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	OTHER - SEE REPORT	N	N	DRIVER UNFAMILIAR W/AREA	025	MAKING LEFT TURN
156	082A	0.18	4/21/2009	1840	PDO	ON	INTERSECTION RELATED	2	CURVE ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	HIT & RUN - UNKNOWN	N	N	DRIVER INEXPERIENCED	010	MAKING LEFT TURN
157	082A	0.18	7/22/2009	2149	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DARK-LIGHTED	NONE	N	SIDESWIPE (SAME DIRECTION)	N	PICKUP TRUCK / UTILITY VAN	N	N	DRIVER UNFAMILIAR W/AREA	010	MAKING LEFT TURN
158	082A	0.18	12/27/2009	0000	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DARK-LIGHTED	NONE	N	SIDESWIPE (SAME DIRECTION)	N	PASSENGER CAR/VAN	Y	N	DUI, DWAI, DUID	025	MAKING LEFT TURN
159	082A	0.18	5/2/2011	2021	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DARK-LIGHTED	NONE	N	SIDESWIPE (SAME DIRECTION)	N	SUV	N	N	NONE APPARENT	020	GOING STRAIGHT
160	082A	0.18	6/30/2011	1336	PDO	ON	AT INTERSECTION	2	CURVE ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	VEH COMBO (10,001 LBS AND OVER)	N	N	DRIVER UNFAMILIAR W/AREA	020	MAKING LEFT TURN
161	082A	0.18	8/8/2011	1201	PDO	ON	AT INTERSECTION	2	CURVE ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	VEH COMBO (10,001 LBS AND OVER)	N	N	NONE APPARENT	015	MAKING LEFT TURN
162	082A	0.18	10/17/2012	1800	PDO	ON	INTERSECTION RELATED	2	CURVE ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	E	PICKUP TRUCK / UTILITY VAN W/TRAILER	N	N	OTHER FACTOR	015	MAKING RIGHT TURN
163	082A	0.18	8/30/2012	1845	PDO	ON	AT INTERSECTION	2	CURVE ON-GRADE	DRY	DAYLIGHT	NONE	N	BROADSIDE	N	PASSENGER CAR/VAN W/TRAILER	N	N	OTHER FACTOR	005	MAKING LEFT TURN
164	082A	0.18	8/30/2012	1845	PDO	ON	AT INTERSECTION	2	CURVE ON-GRADE	DRY	DAYLIGHT	NONE	N	BROADSIDE	N	PICKUP TRUCK / UTILITY VAN W/TRAILER	N	N	OTHER FACTOR	005	MAKING LEFT TURN
165	082A	0.18	5/20/2010	0030	PDO	OFF RIGHT	AT INTERSECTION	1	STRAIGHT ON-LEVEL	DRY	DARK-LIGHTED	NONE	N	LIGHT / UTILITY POLE	N	HIT & RUN - UNKNOWN	N	N	NONE APPARENT	020	SPUN OUT OF CONTROL
166	082A	0.18	3/16/2011	1200	PDO	ON	AT INTERSECTION	2	CURVE ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	E	PASSENGER CAR/VAN	N	N	NONE APPARENT	015	MAKING RIGHT TURN
167	082A	0.19	1/22/2008	0939	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	WET	DAYLIGHT	NONE	N	REAR END	N	PICKUP TRUCK / UTILITY VAN	N	N	NONE APPARENT	005	GOING STRAIGHT
168	082A	0.19	9/8/2008	1523	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	E	PASSENGER CAR/VAN	N	N	NONE APPARENT	005	MAKING RIGHT TURN

Accidents on SH 82A, MP 0.00 to 0.50, for the Period of January 1, 2008 to December 31, 2012

#	HWY	MP	Date	Time	Sever-ity	Accident Location	Road Description	# of Veh	Road Contour	Road Condition	Lighting Condition	Weather	Ramp	Accident Type	DIR	Vehicle 1 Type	Alcohol	Drugs	Human Factor	Vehicle Speed	Vehicle Movement
169	082A	0.19	12/22/2008	1842	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	SLUSHY	DARK-LIGHTED	SNOW / SLEET/HAIL	N	REAR END	N	PICKUP TRUCK / UTILITY VAN	N	N	NONE APPARENT	015	GOING STRAIGHT
170	082A	0.19	7/26/2010	1858	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	S	SUV	N	N	NONE APPARENT	020	MAKING RIGHT TURN
171	082A	0.19	9/19/2010	1215	PDO	ON	INTERSECTION RELATED	2	CURVE ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	E	PASSENGER CAR/VAN	N	N	DRIVER UNFAMILIAR W/AREA	005	MAKING RIGHT TURN
172	082A	0.19	11/24/2010	1155	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	ICY W/VIS ICY ROAD TREATMENT	DAYLIGHT	NONE	N	REAR END	N	PASSENGER CAR/VAN	N	N	NONE APPARENT	025	GOING STRAIGHT
173	082A	0.19	10/23/2008	1420	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	PICKUP TRUCK / UTILITY VAN W/TRAILER	N	N	DRIVER INEXPERIENCED	010	AVOIDING OBJECT IN ROAD
174	082A	0.20	11/28/2008	1728	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	WET	DARK-UNLIGHTED	RAIN	N	SIDESWIPE (SAME DIRECTION)	N	PICKUP TRUCK / UTILITY VAN	N	N	DRIVER INEXPERIENCED	020	GOING STRAIGHT
175	082A	0.20	12/12/2008	0819	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	VEH COMBO (10,001 LBS AND OVER)	N	N	NONE APPARENT	020	GOING STRAIGHT
176	082A	0.19	5/26/2010	0757	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	E	VEH COMBO (10,001 LBS AND OVER)	N	N	DISTRACTED / OTHER	015	MAKING RIGHT TURN
177	082A	0.19	7/15/2010	1914	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	S	PASSENGER CAR/VAN	Y	N	DUI, DWAI, DUID	025	GOING STRAIGHT
178	082A	0.20	11/15/2010	1020	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY W/VIS ICY ROAD TREATMENT	DAYLIGHT	NONE	N	SIDESWIPE (OPPOSITE DIRECTION)	N	VEH COMBO (10,001 LBS AND OVER)	N	N	NONE APPARENT	025	GOING STRAIGHT
179	082A	0.20	10/2/2009	1334	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	N	PASSENGER CAR/VAN	N	N	DISTRACTED / OTHER	005	GOING STRAIGHT
180	082A	0.20	9/19/2009	1223	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	PICKUP TRUCK / UTILITY VAN	N	N	DISTRACTED / OTHER	010	PASSING
181	082A	0.20	8/18/2011	1736	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	MOTOR HOME	N	N	DRIVER UNFAMILIAR W/AREA	015	GOING STRAIGHT
182	082A	0.20	10/17/2012	0813	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	HIT & RUN - UNKNOWN	N	N	NONE APPARENT	025	GOING STRAIGHT
183	082A	0.20	8/16/2012	1223	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	PARKED MOTOR VEHICLE	S	SUV	N	N	DISTRACTED / OTHER	002	ENTERING / LEAVING PARKED POSITION
184	082A	0.20	2/24/2008	1530	PDO	OFF RIGHT	AT INTERSECTION	1	CURVE ON-GRADE	WET	DAYLIGHT	RAIN	N	GUARD RAIL	S	PICKUP TRUCK / UTILITY VAN	N	N	AGRESSIVE DRIVING	025	SPUN OUT OF CONTROL
185	082A	0.20	6/4/2011	2225	PDO	OFF RIGHT	NON-INTERSECTION	1	STRAIGHT ON-GRADE	DRY	DARK-LIGHTED	NONE	N	BRIDGE STRUCTURE	N	PASSENGER CAR/VAN	Y	N	DUI, DWAI, DUID	025	GOING STRAIGHT
186	082A	0.21	1/26/2009	0750	PDO	ON	NON-INTERSECTION	3	STRAIGHT ON-GRADE	ICY	DAYLIGHT	NONE	N	REAR END	N	PICKUP TRUCK / UTILITY VAN W/TRAILER	N	N	OTHER FACTOR	025	SPUN OUT OF CONTROL

Accidents on SH 82A, MP 0.00 to 0.50, for the Period of January 1, 2008 to December 31, 2012

#	HWY	MP	Date	Time	Sever-ity	Accident Location	Road Description	# of Veh	Road Contour	Road Condition	Lighting Condition	Weather	Ramp	Accident Type	DIR	Vehicle 1 Type	Alcohol	Drugs	Human Factor	Vehicle Speed	Vehicle Movement
187	082A	0.21	12/8/2011	1832	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DARK-LIGHTED	NONE	N	REAR END	N	PASSENGER CAR/VAN	N	N	NONE APPARENT	015	GOING STRAIGHT
188	082A	0.21	4/1/2010	1348	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	SNOW / SLEET/HAIL	N	SIDESWIPE (SAME DIRECTION)	S	SUV W/TRAILER	N	N	NONE APPARENT	020	GOING STRAIGHT
189	082A	0.21	7/17/2011	2205	PDO	ON	NON-INTERSECTION	2	HILLCREST	DRY	DAYLIGHT	NONE	N	SIDESWIPE (OPPOSITE DIRECTION)	N	PICKUP TRUCK / UTILITY VAN	N	N	NONE APPARENT	025	WEAVING
190	082A	0.22	4/5/2010	1243	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	VEH COMBO (10,001 LBS AND OVER)	N	N	NONE APPARENT	025	GOING STRAIGHT
191	082A	0.22	7/2/2012	1304	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	VEH COMBO (10,001 LBS AND OVER)	N	N	DRIVER UNFAMILIAR W/AREA	030	PASSING
192	082A	0.22	11/22/2010	1651	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	WET W/VIS ICY ROAD TREATMENT	DAYLIGHT	NONE	N	SIDESWIPE (OPPOSITE DIRECTION)	N	HIT & RUN - UNKNOWN	N	N	NONE APPARENT	025	GOING STRAIGHT
193	082A	0.22	12/18/2010	1745	PDO	OFF RIGHT	NON-INTERSECTION	1	STRAIGHT ON-GRADE	SLUSHY	DARK-LIGHTED	SNOW / SLEET/HAIL	N	BRIDGE STRUCTURE	N	SUV	N	N	DUI, DWAI, DUID	040	SPUN OUT OF CONTROL
194	082A	0.23	7/12/2008	2031	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	N	MOTORCYCLE	N	N	DISTRACTED / PASSENGER	010	SLOWING
195	082A	0.23	11/24/2011	1019	PDO	ON	NON-INTERSECTION	2	HILLCREST	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	PASSENGER CAR/VAN	N	N	OTHER FACTOR	025	CHANGING LANES
196	082A	0.23	2/20/2012	0932	PDO	ON	INTERSECTION RELATED	4	STRAIGHT ON-LEVEL	ICY W/VIS ICY ROAD TREATMENT	DAYLIGHT	NONE	N	REAR END	N	PICKUP TRUCK / UTILITY VAN	N	N	DRIVER INEXPERIENCED	20	SPUN OUT OF CONTROL
197	082A	0.25	7/31/2008	1510	PDO	ON	NON-INTERSECTION	3	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	N	SUV	N	N	DRIVER INEXPERIENCED	010	GOING STRAIGHT
198	082A	0.25	1/31/2012	1510	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	S	NON-SCHOOL BUS IN COMMERCE (>=9 PFO)	N	N	NONE APPARENT	15	CHANGING LANES
199	082A	0.26	6/12/2012	1400	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (OPPOSITE DIRECTION)	N	PASSENGER CAR/VAN	N	N	NONE APPARENT	025	GOING STRAIGHT
200	082A	0.26	9/13/2012	1432	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (OPPOSITE DIRECTION)	N	SUV	N	N	DRIVER INEXPERIENCED	025	WEAVING
201	082A	0.26	7/22/2012	2217	PDO	OFF RIGHT	NON-INTERSECTION	1	STRAIGHT ON-GRADE	DRY	DARK-LIGHTED	NONE	N	BRIDGE STRUCTURE	S	PICKUP TRUCK / UTILITY VAN	Y	N	DUI, DWAI, DUID	025	WEAVING
202	082A	0.27	8/24/2012	1810	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	HEAD ON	S	PICKUP TRUCK / UTILITY VAN	N	N	NONE APPARENT	020	GOING STRAIGHT
203	082A	0.27	5/28/2011	1641	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	S	PASSENGER CAR/VAN W/TRAILER	N	N	NONE APPARENT	025	GOING STRAIGHT
204	082A	0.28	7/27/2011	1608	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	PASSENGER CAR/VAN	N	N	DISTRACTED / OTHER	025	GOING STRAIGHT

Accidents on SH 82A, MP 0.00 to 0.50, for the Period of January 1, 2008 to December 31, 2012

#	HWY	MP	Date	Time	Sever-ity	Accident Location	Road Description	# of Veh	Road Contour	Road Condition	Lighting Condition	Weather	Ramp	Accident Type	DIR	Vehicle 1 Type	Alcohol	Drugs	Human Factor	Vehicle Speed	Vehicle Movement
205	082A	0.28	10/25/2011	1100	PDO	ON	NON-INTERSECTION	2	HILLCREST	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	VEH COMBO (10,001 LBS AND OVER)	N	N	NONE APPARENT	025	GOING STRAIGHT
206	082A	0.28	11/10/2012	1416	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	PASSENGER CAR/VAN	N	N	NONE APPARENT	025	CHANGING LANES
207	082A	0.29	8/31/2011	2010	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DARK-LIGHTED	NONE	N	SIDESWIPE (OPPOSITE DIRECTION)	N	PICKUP TRUCK / UTILITY VAN W/TRAILER	N	N	NONE APPARENT	025	GOING STRAIGHT
208	082A	0.30	10/31/2008	1411	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	N	SUV	N	N	DRIVER INEXPERIENC E	010	GOING STRAIGHT
209	082A	0.30	12/13/2008	1441	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	WET	DAYLIGHT	NONE	N	REAR END	N	VEH COMBO (10,001 LBS AND OVER)	N	N	DRIVER UNFAMILIAR W/AREA	015	GOING STRAIGHT
210	082A	0.30	7/27/2010	1244	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	S	PASSENGER CAR/VAN	N	N	NONE APPARENT	010	GOING STRAIGHT
211	082A	0.30	8/11/2010	1736	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	N	PICKUP TRUCK / UTILITY VAN	N	N	DRIVER INEXPERIENC E	015	GOING STRAIGHT
212	082A	0.30	8/20/2010	1222	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	N	SUV	N	N	DRIVER INEXPERIENC E	010	GOING STRAIGHT
213	082A	0.30	3/6/2008	1203	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	S	PASSENGER CAR/VAN	N	N	DRIVER INEXPERIENC E	020	CHANGING LANES
214	082A	0.30	8/21/2008	0829	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	VEH COMBO (10,001 LBS AND OVER)	N	N	DRIVER UNFAMILIAR W/AREA	020	GOING STRAIGHT
215	082A	0.30	8/24/2008	0300	PDO	ON	NON-INTERSECTION	2	CURVE ON-LEVEL	DRY	DARK-LIGHTED	NONE	N	SIDESWIPE (SAME DIRECTION)	N	PASSENGER CAR/VAN	N	N	EMOTIONALLY UPSET DRIVER	040	GOING STRAIGHT
216	082A	0.30	11/7/2008	1735	PDO	ON	NON-INTERSECTION	3	STRAIGHT ON-GRADE	DRY	DARK-LIGHTED	NONE	N	SIDESWIPE (SAME DIRECTION)	S	PICKUP TRUCK / UTILITY VAN	N	N	UNFAMILIAR W/AREA DRIVER	020	WEAVING
217	082A	0.30	12/12/2008	1155	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	S	PICKUP TRUCK / UTILITY VAN	N	N	UNFAMILIAR W/AREA DRIVER	015	GOING STRAIGHT
218	082A	0.30	6/26/2008	1554	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (OPPOSITE DIRECTION)	N	PICKUP TRUCK / UTILITY VAN	N	N	UNFAMILIAR W/AREA DRIVER	025	GOING STRAIGHT
219	082A	0.30	7/6/2010	1858	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (OPPOSITE DIRECTION)	N	PICKUP TRUCK / UTILITY VAN	N	N	NONE APPARENT	025	GOING STRAIGHT
220	082A	0.30	11/30/2010	0830	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	MUDDY	DAYLIGHT	NONE	N	SIDESWIPE (OPPOSITE DIRECTION)	N	HIT & RUN - UNKNOWN	N	N	NONE APPARENT	025	GOING STRAIGHT
221	082A	0.31	4/26/2012	1509	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	VEH COMBO (10,001 LBS AND OVER)	N	N	NONE APPARENT	025	GOING STRAIGHT
222	082A	0.32	10/27/2010	0617	INJ	ON	NON-INTERSECTION	3	STRAIGHT ON-GRADE	ICY	DARK-LIGHTED	SNOW / SLEET/HAIL	N	HEAD ON	S	PICKUP TRUCK / UTILITY VAN	N	N	DRIVER INEXPERIENC E	025	SPUN OUT OF CONTROL

Accidents on SH 82A, MP 0.00 to 0.50, for the Period of January 1, 2008 to December 31, 2012

#	HWY	MP	Date	Time	Sever-ity	Accident Location	Road Description	# of Veh	Road Contour	Road Condition	Lighting Condition	Weather	Ramp	Accident Type	DIR	Vehicle 1 Type	Alcohol	Drugs	Human Factor	Vehicle Speed	Vehicle Movement
223	082A	0.33	12/5/2011	1742	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DARK-LIGHTED	NONE	N	SIDESWIPE (SAME DIRECTION)	S	VEH COMBO (10,001 LBS AND OVER)	N	N	NONE APPARENT	025	GOING STRAIGHT
224	082A	0.34	8/25/2011	1738	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	W	PASSENGER CAR/VAN	Y	Y	DUI, DWAI, DUID	020	GOING STRAIGHT
225	082A	0.34	10/31/2012	0750	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (OPPOSITE DIRECTION)	N	HIT & RUN - UNKNOWN	N	N	NONE APPARENT	025	GOING STRAIGHT
226	082A	0.34	11/29/2012	0145	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DARK-LIGHTED	NONE	N	PARKED MOTOR VEHICLE	N	PASSENGER CAR/VAN	N	N	DISTRACTED / OTHER	005	ENTERING / LEAVING PARKED POSITION
227	082A	0.34	9/23/2008	1446	PDO	ON	NON-INTERSECTION	1	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	BRIDGE STRUCTURE	E	VEH COMBO (10,001 LBS AND OVER)	N	N	NONE APPARENT	020	GOING STRAIGHT
228	082A	0.35	6/9/2009	2122	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DARK-LIGHTED	NONE	N	SIDESWIPE (SAME DIRECTION)	N	PICKUP TRUCK / UTILITY VAN W/TRAILER	N	N	DISTRACTED / OTHER	025	WEAVING
229	082A	0.36	1/15/2008	1604	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	W	PASSENGER CAR/VAN	N	N	DRIVER UNFAMILIAR W/AREA	005	ENTERING / LEAVING PARKED POSITION
230	082A	0.37	2/7/2008	1330	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	SNOWY	DAYLIGHT	SNOW / SLEET/HAIL	N	SIDESWIPE (SAME DIRECTION)	N	VEH COMBO (10,001 LBS AND OVER)	N	N	NONE APPARENT	025	GOING STRAIGHT
231	082A	0.37	11/18/2008	1833	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DARK-LIGHTED	NONE	N	SIDESWIPE (SAME DIRECTION)	N	VEH COMBO (10,001 LBS AND OVER)	N	N	NONE APPARENT	020	GOING STRAIGHT
232	082A	0.37	10/12/2012	0756	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	S	VEH COMBO (10,001 LBS AND OVER)	N	N	NONE APPARENT	020	WEAVING
233	082A	0.37	8/30/2010	2043	PDO	OFF LEFT	NON-INTERSECTION	1	STRAIGHT ON-GRADE	DRY	DARK-LIGHTED	NONE	N	CURB	S	PASSENGER CAR/VAN	N	N	NONE APPARENT	025	GOING STRAIGHT
234	082A	0.38	7/17/2008	0829	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	N	PASSENGER CAR/VAN	N	N	DRIVER UNFAMILIAR W/AREA	002	OTHER
235	082A	0.38	3/10/2009	0900	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	ICY	DAYLIGHT	NONE	N	REAR END	S	PASSENGER CAR/VAN	N	N	NONE APPARENT	020	GOING STRAIGHT
236	082A	0.38	5/8/2008	0842	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	WET	DAYLIGHT	RAIN	N	SIDESWIPE (SAME DIRECTION)	N	VEH COMBO (10,001 LBS AND OVER)	N	N	NONE APPARENT	010	GOING STRAIGHT
237	082A	0.38	12/23/2008	1721	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	ICY	DARK-LIGHTED	NONE	N	SIDESWIPE (SAME DIRECTION)	N	PASSENGER CAR/VAN	Y	N	DUI, DWAI, DUID	025	GOING STRAIGHT
238	082A	0.38	8/10/2010	1526	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	SUV	N	N	NONE APPARENT	025	GOING STRAIGHT
239	082A	0.38	7/13/2011	1107	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	S	TRANSIT BUS	N	N	DRIVER INEXPERIENCED	020	GOING STRAIGHT

Accidents on SH 82A, MP 0.00 to 0.50, for the Period of January 1, 2008 to December 31, 2012

#	HWY	MP	Date	Time	Sever-ity	Accident Location	Road Description	# of Veh	Road Contour	Road Condition	Lighting Condition	Weather	Ramp	Accident Type	DIR	Vehicle 1 Type	Alcohol	Drugs	Human Factor	Vehicle Speed	Vehicle Movement
240	082A	0.38	4/28/2011	1358	PDO	OFF RIGHT	NON-INTERSECTION	1	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	GUARD RAIL	S	NON-SCHOOL BUS IN COMMERCE (>=9 PFO)	N	N	DRIVER UNFAMILIAR W/AREA	015	GOING STRAIGHT
241	082A	0.38	8/27/2010	1203	PDO	OFF RIGHT	NON-INTERSECTION	1	STRAIGHT ON-GRADE	DRY	UNKNOWN	NONE	N	BRIDGE STRUCTURE	N	HIT & RUN - UNKNOWN	N	N	NONE APPARENT	025	GOING STRAIGHT
242	082A	0.39	9/27/2011	1438	PDO	ON	NON-INTERSECTION	3	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	N	PICKUP TRUCK / UTILITY VAN	N	N	DRIVER INEXPERIENCED	015	GOING STRAIGHT
243	082A	0.39	1/10/2009	1715	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DARK-LIGHTED	NONE	N	SIDESWIPE (SAME DIRECTION)	N	TRANSIT BUS	N	N	DRIVER INEXPERIENCED	025	GOING STRAIGHT
244	082A	0.39	7/18/2010	1736	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	VEH COMBO (10,001 LBS AND OVER)	N	N	NONE APPARENT	025	GOING STRAIGHT
245	082A	0.39	7/26/2010	1046	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	VEH COMBO (10,001 LBS AND OVER)	N	N	NONE APPARENT	025	GOING STRAIGHT
246	082A	0.39	9/15/2012	1616	PDO	OFF RIGHT	NON-INTERSECTION	1	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	BRIDGE STRUCTURE	S	MOTOR HOME	N	N	DRIVER INEXPERIENCED	010	WEAVING
247	082A	0.40	6/26/2008	0910	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	S	SUV	N	N	AGRESSIVE DRIVING	025	GOING STRAIGHT
248	082A	0.40	2/5/2009	0952	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	OTHER - SEE REPORT	N	N	DRIVER INEXPERIENCED	025	GOING STRAIGHT
249	082A	0.40	6/3/2009	1121	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	VEH COMBO (10,001 LBS AND OVER)	N	N	DRIVER UNFAMILIAR W/AREA	025	GOING STRAIGHT
250	082A	0.40	8/3/2009	1736	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	SUV	N	N	NONE APPARENT	015	GOING STRAIGHT
251	082A	0.40	9/8/2009	0932	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	PICKUP TRUCK / UTILITY VAN W/TRAILER	N	N	DRIVER UNFAMILIAR W/AREA	025	GOING STRAIGHT
252	082A	0.40	7/13/2010	1518	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAWN OR DUSK	NONE	N	SIDESWIPE (SAME DIRECTION)	S	PASSENGER CAR/VAN	N	N	NONE APPARENT	025	WEAVING
253	082A	0.40	6/22/2011	1152	PDO	ON	NON-INTERSECTION	2	HILLCREST	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	S	HIT & RUN - UNKNOWN	N	N	DRIVER UNFAMILIAR W/AREA	025	GOING STRAIGHT
254	082A	0.40	1/13/2008	1851	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	DRY	DARK-LIGHTED	NONE	N	REAR END	S	PICKUP TRUCK / UTILITY VAN	N	N	OTHER FACTOR	010	GOING STRAIGHT
255	082A	0.40	10/27/2011	1654	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	S	PASSENGER CAR/VAN	N	N	DISTRACTED / OTHER	020	GOING STRAIGHT
256	082A	0.40	2/4/2008	0920	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	ICY	DAYLIGHT	SNOW / SLEET/HAIL	N	REAR END	S	PASSENGER CAR/VAN	N	N	DISTRACTED / OTHER	002	SLOWING
257	082A	0.40	5/7/2010	1449	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	S	PASSENGER CAR/VAN	N	N	DISTRACTED / PASSENGER	005	GOING STRAIGHT

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#	HWY	MP	Date	Time	Sever-ity	Accident Location	Road Description	# of Veh	Road Contour	Road Condition	Lighting Condition	Weather	Ramp	Accident Type	DIR	Vehicle 1 Type	Alcohol	Drugs	Human Factor	Vehicle Speed	Vehicle Movement
258	082A	0.40	4/9/2008	1540	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	S	PASSENGER CAR/VAN	N	N	DRIVER INEXPERIENCED	005	GOING STRAIGHT
259	082A	0.40	6/19/2008	1640	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	N	SUV	N	N	NONE APPARENT	025	GOING STRAIGHT
260	082A	0.40	9/19/2008	1004	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	S	SUV	N	N	DRIVER INEXPERIENCED	015	SLOWING
261	082A	0.40	7/5/2009	1245	INJ	ON	INTERSECTION RELATED	3	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	S	PICKUP TRUCK / UTILITY VAN	N	N	NONE APPARENT	030	GOING STRAIGHT
262	082A	0.41	1/2/2011	1445	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	ICY W/VISICY ROAD TREATMENT	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	S	PICKUP TRUCK / UTILITY VAN	N	N	DRIVER INEXPERIENCED	005	PASSING
263	082A	0.41	9/20/2009	2135	INJ	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	WET	DARK-LIGHTED	NONE	N	PEDESTRIAN (ALL OTHER)	E	PASSENGER CAR/VAN	N	N	NONE APPARENT	015	GOING STRAIGHT
264	082A	0.41	8/4/2010	1603	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	PEDESTRIAN (ALL OTHER)	W	PASSENGER CAR/VAN	N	N	NONE APPARENT	001	MAKING RIGHT TURN
265	082A	0.41	7/20/2011	1108	INJ	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	PEDESTRIAN (ALL OTHER)	N	OTHER - SEE REPORT	N	N	NONE APPARENT	001	GOING STRAIGHT
266	082A	0.41	9/26/2010	1108	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	HEAD ON	W	PASSENGER CAR/VAN	N	N	NONE APPARENT	005	MAKING RIGHT TURN
267	082A	0.41	1/5/2008	0807	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	ICY	DAYLIGHT	RAIN	N	REAR END	N	SUV	N	N	NONE APPARENT	015	GOING STRAIGHT
268	082A	0.41	4/10/2008	2100	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DARK-LIGHTED	NONE	N	REAR END	W	PICKUP TRUCK / UTILITY VAN	Y	N	DUI, DWAI, DUID	008	SLOWING
269	082A	0.41	5/13/2008	0805	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	WET	DAYLIGHT	RAIN	N	REAR END	S	PASSENGER CAR/VAN	N	N	AGRESSIVE DRIVING	025	CHANGING LANES
270	082A	0.41	6/3/2008	1630	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	S	PICKUP TRUCK / UTILITY VAN	N	N	DRIVER INEXPERIENCED	005	GOING STRAIGHT
271	082A	0.41	9/6/2008	1245	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	S	PICKUP TRUCK / UTILITY VAN	N	N	DISTRACTED / OTHER	005	GOING STRAIGHT
272	082A	0.41	12/31/2008	1550	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	SLUSHY	DAYLIGHT	NONE	N	REAR END	N	SUV	N	N	NONE APPARENT	020	SLOWING
273	082A	0.41	1/16/2009	1445	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	ICY W/VISICY ROAD TREATMENT	DAYLIGHT	NONE	N	REAR END	W	PICKUP TRUCK / UTILITY VAN	N	N	NONE APPARENT	015	GOING STRAIGHT
274	082A	0.41	6/2/2009	1642	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	WET	DAYLIGHT	RAIN	N	REAR END	S	NON-SCHOOL BUS IN COMMERCE (>=9 PFO	N	N	NONE APPARENT	005	GOING STRAIGHT
275	082A	0.41	10/23/2009	1625	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	E	PICKUP TRUCK / UTILITY VAN	N	N	DISTRACTED / CELL PHONE	005	GOING STRAIGHT
276	082A	0.41	12/14/2009	1020	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-GRADE	ICY W/VISICY ROAD TREATMENT	DAYLIGHT	SNOW / SLEET/HAIL	N	REAR END	N	PICKUP TRUCK / UTILITY VAN	N	N	NONE APPARENT	UK	SPUN OUT OF CONTROL
277	082A	0.41	2/9/2010	0748	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	S	PASSENGER CAR/VAN	N	N	NONE APPARENT	025	GOING STRAIGHT

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#	HWY	MP	Date	Time	Sever-ity	Accident Location	Road Description	# of Veh	Road Contour	Road Condition	Lighting Condition	Weather	Ramp	Accident Type	DIR	Vehicle 1 Type	Alcohol	Drugs	Human Factor	Vehicle Speed	Vehicle Movement
278	082A	0.41	2/17/2010	1415	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	E	PASSENGER CAR/VAN	N	N	DISTRACTED / OTHER	005	GOING STRAIGHT
279	082A	0.41	12/11/2010	1114	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	SLUSHY W/VIS ICY ROAD TREATMENT	DAYLIGHT	NONE	N	REAR END	E	PASSENGER CAR/VAN	N	N	DRIVER INEXPERIENC E	020	SLOWING
280	082A	0.41	7/30/2011	2058	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	N	SUV	N	N	AGRESSIVE DRIVING	008	GOING STRAIGHT
281	082A	0.41	1/17/2012	1309	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	ICY	DAYLIGHT	NONE	N	REAR END	E	SUV	N	N	NONE APPARENT	10	GOING STRAIGHT
282	082A	0.41	6/28/2012	1653	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	APPROACH TURN	S	SUV	N	N	AGRESSIVE DRIVING	010	MAKING LEFT TURN
283	082A	0.41	7/23/2012	1415	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	N	PASSENGER CAR/VAN	N	N	DISTRACTED / OTHER	010	GOING STRAIGHT
284	082A	0.41	12/18/2008	1200	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-GRADE	SNOWY	DAYLIGHT	SNOW / SLEET/HAIL	N	BROADSIDE	S	PASSENGER CAR/VAN	N	N	NONE APPARENT	020	SLOWING
285	082A	0.41	3/26/2012	1259	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	BROADSIDE	W	PICKUP TRUCK / UTILITY VAN	N	N	DRIVER INEXPERIENC E	20	GOING STRAIGHT
286	082A	0.41	12/12/2012	1144	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	WET	DAYLIGHT	NONE	N	APPROACH TURN	S	PASSENGER CAR/VAN	N	N	DRIVER INEXPERIENC E	020	MAKING LEFT TURN
287	082A	0.41	12/26/2012	0725	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	ICY W/VIS ICY ROAD TREATMENT	DAWN OR DUSK	NONE	N	REAR END	W	SUV	N	N	DRIVER INEXPERIENC E	015	GOING STRAIGHT
288	082A	0.41	1/25/2008	1750	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	DRY	DARK-LIGHTED	NONE	N	SIDESWIPE (SAME DIRECTION)	S	PASSENGER CAR/VAN	N	N	NONE APPARENT	005	GOING STRAIGHT
289	082A	0.41	11/3/2008	1500	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	S	PASSENGER CAR/VAN	N	N	DISTRACTED / PASSENGER	025	PASSING
290	082A	0.41	5/12/2011	1532	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	W	PICKUP TRUCK / UTILITY VAN	N	N	DRIVER INEXPERIENC E	005	GOING STRAIGHT
291	082A	0.41	9/25/2010	1400	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	PARKED MOTOR VEHICLE	W	PICKUP TRUCK / UTILITY VAN	N	N	NONE APPARENT	005	ENTERING / LEAVING PARKED POSITION
292	082A	0.41	5/26/2012	1248	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	PARKED MOTOR VEHICLE	E	PICKUP TRUCK / UTILITY VAN	N	N	NONE APPARENT	003	ENTERING / LEAVING PARKED POSITION
293	082A	0.41	3/15/2010	1132	PDO	OFF RIGHT	AT INTERSECTION	1	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	LIGHT / UTILITY POLE	W	VEH COMBO (10,001 LBS AND OVER)	N	N	DRIVER UNFAMILIAR W/AREA	005	GOING STRAIGHT
294	082A	0.42	3/4/2010	1123	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	N	PASSENGER CAR/VAN	N	N	DRIVER INEXPERIENC E	010	GOING STRAIGHT
295	082A	0.41	6/17/2011	1819	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	WET	DAYLIGHT	RAIN	N	APPROACH TURN	S	PASSENGER CAR/VAN	N	N	DRIVER INEXPERIENC E	010	MAKING LEFT TURN

Accidents on SH 82A, MP 0.00 to 0.50, for the Period of January 1, 2008 to December 31, 2012

#	HWY	MP	Date	Time	Sever-ity	Accident Location	Road Description	# of Veh	Road Contour	Road Condition	Lighting Condition	Weather	Ramp	Accident Type	DIR	Vehicle 1 Type	Alcohol	Drugs	Human Factor	Vehicle Speed	Vehicle Movement
296	082A	0.41	12/16/2012	2023	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-GRADE	ICY	DARK-LIGHTED	SNOW / SLEET/HAIL	N	REAR END	N	PASSENGER CAR/VAN	N	N	NONE APPARENT	025	GOING STRAIGHT
297	082A	0.41	11/5/2009	1022	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	PICKUP TRUCK / UTILITY VAN	N	N	DISTRACTED / OTHER	005	CHANGING LANES
298	082A	0.41	3/31/2008	1036	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	WET	DAYLIGHT	NONE	N	REAR END	N	HIT & RUN - UNKNOWN	N	N	DRIVER INEXPERIENCED	015	SLOWING
299	082A	0.41	12/30/2008	1613	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	ICY	DAYLIGHT	NONE	N	REAR END	E	PASSENGER CAR/VAN	N	N	NONE APPARENT	010	GOING STRAIGHT
300	082A	0.41	5/25/2012	1150	PDO	ON	NON-INTERSECTION	2	CURVE ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	VEH COMBO (10,001 LBS AND OVER)	N	N	DRIVER UNFAMILIAR W/AREA	010	GOING STRAIGHT
301	082A	0.41	4/22/2010	1758	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	PARKED MOTOR VEHICLE	N	HIT & RUN - UNKNOWN	N	N	NONE APPARENT	005	BACKING
302	082A	0.41	12/16/2012	1502	PDO	OFF RIGHT	NON-INTERSECTION	1	STRAIGHT ON-GRADE	SNOWY W/VIS ICY ROAD TREATMENT	DAYLIGHT	NONE	N	FENCE	S	PICKUP TRUCK / UTILITY VAN	N	N	DISTRACTED / OTHER	005	SLOWING
303	082A	0.42	9/21/2010	1645	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	PASSENGER CAR/VAN	N	N	NONE APPARENT	002	ENTERING / LEAVING PARKED POSITION
304	082A	0.43	1/30/2009	1645	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	N	PICKUP TRUCK / UTILITY VAN	N	N	NONE APPARENT	015	GOING STRAIGHT
305	082A	0.43	6/16/2012	1219	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	N	PASSENGER CAR/VAN	N	N	NONE APPARENT	025	CHANGING LANES
306	082A	0.43	2/26/2008	1152	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	WET	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	S	PICKUP TRUCK / UTILITY VAN	N	N	DRIVER UNFAMILIAR W/AREA	005	ENTERING / LEAVING PARKED POSITION
307	082A	0.43	12/8/2008	1223	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	SUV	N	N	NONE APPARENT	005	PASSING
308	082A	0.43	7/12/2010	1630	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (OPPOSITE DIRECTION)	S	PICKUP TRUCK / UTILITY VAN	N	N	NONE APPARENT	025	GOING STRAIGHT
309	082A	0.43	8/13/2011	1900	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	PARKED MOTOR VEHICLE	S	SUV	N	N	NONE APPARENT	002	BACKING
310	082A	0.43	11/24/2012	1058	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	PARKED MOTOR VEHICLE	N	SUV	N	N	DISTRACTED / OTHER	000	PARKED
311	082A	0.43	10/14/2011	1638	PDO	OFF RIGHT	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	LIGHT / UTILITY POLE	S	SUV	N	N	DISTRACTED / PASSENGER	020	GOING STRAIGHT
312	082A	0.44	7/10/2012	1518	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	N	PASSENGER CAR/VAN	N	N	NONE APPARENT	015	SLOWING

Accidents on SH 82A, MP 0.00 to 0.50, for the Period of January 1, 2008 to December 31, 2012

#	HWY	MP	Date	Time	Sever-ity	Accident Location	Road Description	# of Veh	Road Contour	Road Condition	Lighting Condition	Weather	Ramp	Accident Type	DIR	Vehicle 1 Type	Alcohol	Drugs	Human Factor	Vehicle Speed	Vehicle Movement
313	082A	0.44	8/3/2011	1525	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	PICKUP TRUCK / UTILITY VAN	N	N	NONE APPARENT	002	ENTERING / LEAVING PARKED POSITION
314	082A	0.44	5/27/2008	1431	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	PARKED MOTOR VEHICLE	S	VEH COMBO (10,001 LBS AND OVER)	N	N	NONE APPARENT	005	BACKING
315	082A	0.44	12/21/2011	1300	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	PARKED MOTOR VEHICLE	NW	PASSENGER CAR/VAN	N	N	DISTRACTED / OTHER	005	ENTERING / LEAVING PARKED POSITION
316	082A	0.44	1/16/2012	0532	PDO	OFF RIGHT	NON-INTERSECTION	1	STRAIGHT ON-GRADE	SNOWY	DARK-LIGHTED	SNOW / SLEET/HAIL	N	LIGHT /UTILITY POLE	S	SUV	N	N	OTHER FACTOR	25	GOING STRAIGHT
317	082A	0.45	10/3/2008	1000	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	N	PASSENGER CAR/VAN	N	N	NONE APPARENT	005	BACKING
318	082A	0.45	10/23/2011	1057	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	N	PICKUP TRUCK / UTILITY VAN	N	N	DISTRACTED / OTHER	005	GOING STRAIGHT
319	082A	0.45	11/13/2012	1832	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DARK-LIGHTED	NONE	N	REAR END	S	PASSENGER CAR/VAN	N	N	NONE APPARENT	025	GOING STRAIGHT
320	082A	0.45	2/18/2011	1611	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	WET	DAYLIGHT	RAIN	N	SIDESWIPE (SAME DIRECTION)	N	SUV	N	N	AGRESSIVE DRIVING	010	ENTERING / LEAVING PARKED POSITION
321	082A	0.45	6/10/2011	1631	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	PASSENGER CAR/VAN	N	N	NONE APPARENT	001	ENTERING / LEAVING PARKED POSITION
322	082A	0.45	8/16/2008	1100	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	PARKED MOTOR VEHICLE	N	PICKUP TRUCK / UTILITY VAN	N	N	NONE APPARENT	015	GOING STRAIGHT
323	082A	0.45	9/16/2008	1305	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	PARKED MOTOR VEHICLE	N	SUV	N	N	NONE APPARENT	005	BACKING
324	082A	0.45	8/7/2012	1602	PDO	OFF AT TEE	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	PARKED MOTOR VEHICLE	N	HIT & RUN - UNKNOWN	N	N	NONE APPARENT	025	GOING STRAIGHT
325	082A	0.46	10/26/2009	1411	PDO	ON	NON-INTERSECTION	3	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	S	PASSENGER CAR/VAN	N	N	EVADING LAW ENFORCEMENT OFFICER	015	CHANGING LANES
326	082A	0.46	9/28/2011	1700	PDO	ON	INTERSECTION RELATED	3	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	N	PICKUP TRUCK / UTILITY VAN	N	N	DISTRACTED / OTHER	020	GOING STRAIGHT
327	082A	0.47	10/19/2010	1730	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	S	SUV	N	N	DISTRACTED / OTHER	020	GOING STRAIGHT
328	082A	0.47	3/27/2008	1428	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	PARKED MOTOR VEHICLE	SE	SUV	N	N	DISTRACTED / OTHER	005	ENTERING / LEAVING PARKED POSITION

Accidents on SH 82A, MP 0.00 to 0.50, for the Period of January 1, 2008 to December 31, 2012

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329	082A	0.47	7/27/2009	1419	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	PARKED MOTOR VEHICLE	S	PASSENGER CAR/VAN	N	N	NONE APPARENT	005	ENTERING / LEAVING PARKED POSITION
330	082A	0.48	5/27/2008	1425	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	PASSENGER CAR/VAN	N	N	NONE APPARENT	015	AVOIDING OBJECT IN ROAD
331	082A	0.48	6/8/2009	1531	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	S	PASSENGER CAR/VAN	N	N	NONE APPARENT	010	CHANGING LANES
332	082A	0.48	11/17/2012	1200	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	PARKED MOTOR VEHICLE	N	SUV	N	N	DISTRACTED / OTHER	005	BACKING
333	082A	0.48	12/27/2012	0115	PDO	OFF RIGHT	NON-INTERSECTION	1	STRAIGHT ON-GRADE	SNOWY	DARK-LIGHTED	SNOW / SLEET/HAIL	N	LIGHT /UTILITY POLE	N	PICKUP TRUCK /UTILITY VAN	N	N	AGRESSIVE DRIVING	037	GOING STRAIGHT
334	082A	0.49	7/28/2012	1525	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	N	PASSENGER CAR/VAN	N	N	NONE APPARENT	003	GOING STRAIGHT
335	082A	0.49	9/3/2012	1118	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	PARKED MOTOR VEHICLE	N	HIT & RUN - UNKNOWN	N	N	DISTRACTED / OTHER	002	ENTERING / LEAVING PARKED POSITION
336	082A	0.49	2/2/2008	1600	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	SNOWY	DAYLIGHT	SNOW / SLEET/HAIL	N	REAR END	S	PICKUP TRUCK /UTILITY VAN	N	N	NONE APPARENT	025	GOING STRAIGHT
337	082A	0.50	2/15/2010	1411	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	PEDESTRIAN (ALL OTHER)	W	PICKUP TRUCK /UTILITY VAN	N	N	OTHER FACTOR	025	GOING STRAIGHT
338	082A	0.50	1/11/2008	1145	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-GRADE	SNOWY	DAYLIGHT	SNOW / SLEET/HAIL	N	REAR END	S	SUV	N	N	NONE APPARENT	025	SPUN OUT OF CONTROL
339	082A	0.50	1/28/2008	1534	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	WET	DAYLIGHT	NONE	N	REAR END	N	PICKUP TRUCK /UTILITY VAN	N	N	DISTRACTED / OTHER	010	GOING STRAIGHT
340	082A	0.50	2/27/2008	1650	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	N	PASSENGER CAR/VAN	N	N	NONE APPARENT	015	GOING STRAIGHT
341	082A	0.50	7/25/2008	1400	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	S	PICKUP TRUCK /UTILITY VAN	N	N	DISTRACTED / OTHER	005	GOING STRAIGHT
342	082A	0.50	11/12/2008	1645	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	WET	DAWN OR DUSK	RAIN	N	REAR END	N	PASSENGER CAR/VAN	N	N	DISTRACTED / OTHER	010	GOING STRAIGHT
343	082A	0.50	12/11/2008	1721	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAWN OR DUSK	NONE	N	REAR END	W	SUV	N	N	NONE APPARENT	005	BACKING
344	082A	0.50	12/31/2008	2029	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-GRADE	SLUSHY	DARK-LIGHTED	NONE	N	REAR END	S	PASSENGER CAR/VAN	Y	N	DUI, DWAI, DUID	010	GOING STRAIGHT
345	082A	0.50	5/16/2009	1725	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	N	PASSENGER CAR/VAN	N	N	NONE APPARENT	005	GOING STRAIGHT
346	082A	0.50	4/2/2010	1310	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	SNOW / SLEET/HAIL	N	REAR END	E	PICKUP TRUCK /UTILITY VAN	N	N	DRIVER UNFAMILIAR W/AREA	010	BACKING
347	082A	0.50	7/10/2010	2335	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	DRY	DARK-LIGHTED	NONE	N	REAR END	N	PASSENGER CAR/VAN	Y	N	DUI, DWAI, DUID	025	GOING STRAIGHT

Accidents on SH 82A, MP 0.00 to 0.50, for the Period of January 1, 2008 to December 31, 2012

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348	082A	0.50	12/17/2010	0911	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	W	PASSENGER CAR/VAN	N	N	NONE APPARENT	005	MAKING LEFT TURN
349	082A	0.50	7/16/2011	1700	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	N	PICKUP TRUCK / UTILITY VAN	N	N	NONE APPARENT	010	GOING STRAIGHT
350	082A	0.50	7/12/2012	1247	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	REAR END	S	SUV	N	N	DRIVER INEXPERIENCE	010	GOING STRAIGHT
351	082A	0.50	10/7/2012	1219	PDO	ON	AT INTERSECTION	3	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	REAR END	N	PASSENGER CAR/VAN	N	N	NONE APPARENT	015	GOING STRAIGHT
352	082A	0.50	12/14/2009	1020	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	ICY W/VISICY ROAD TREATMENT	DAYLIGHT	NONE	N	BROADSIDE	N	PICKUP TRUCK / UTILITY VAN	N	N	NONE APPARENT	025	SPUN OUT OF CONTROL
353	082A	0.50	1/9/2008	1700	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	SLUSHY	DARK-LIGHTED	SNOW / SLEET/HAIL	N	REAR END	S	SUV	N	N	DRIVER INEXPERIENCE	025	SPUN OUT OF CONTROL
354	082A	0.50	5/27/2008	1416	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	SIDESWIPE (SAME DIRECTION)	N	PASSENGER CAR/VAN	N	N	DRIVER INEXPERIENCE	025	CHANGING LANES
355	082A	0.50	11/28/2010	1709	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	SNOWY W/VISICY ROAD TREATMENT	DARK-LIGHTED	SNOW / SLEET/HAIL	N	SIDESWIPE (SAME DIRECTION)	N	PASSENGER CAR/VAN	N	N	DRIVER INEXPERIENCE	020	GOING STRAIGHT
356	082A	0.50	10/19/2012	0810	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-LEVEL	DRY	DAYLIGHT	NONE	N	OVERTAKING TURN	W	PASSENGER CAR/VAN	N	N	OTHER FACTOR	005	GOING STRAIGHT
357	082A	0.50	4/8/2010	1355	PDO	ON	NON-INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	PARKED MOTOR VEHICLE	N	PASSENGER CAR/VAN	N	N	DISTRACTED / OTHER	005	ENTERING / LEAVING PARKED POSITION
358	082A	0.50	3/12/2011	1400	PDO	ON	INTERSECTION RELATED	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	PARKED MOTOR VEHICLE	N	HIT & RUN - UNKNOWN	N	N	NONE APPARENT	005	ENTERING / LEAVING PARKED POSITION
359	082A	0.50	3/9/2009	0816	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DAYLIGHT	NONE	N	BICYCLE	N	BICYCLE	N	N	NONE APPARENT	010	GOING STRAIGHT
360	082A	0.50	5/12/2009	2143	PDO	ON	AT INTERSECTION	2	STRAIGHT ON-GRADE	DRY	DARK-LIGHTED	NONE	N	BICYCLE	N	BICYCLE	N	N	NONE APPARENT	015	GOING STRAIGHT
361	082A	0.50	10/4/2011	1546	PDO	OFF RIGHT	INTERSECTION RELATED	1	STRAIGHT ON-GRADE	WET	DAYLIGHT	RAIN	N	OTHER FIXED OBJECT	S	VEH COMBO (10,001 LBS AND OVER)	N	N	DRIVER UNFAMILIAR W/AREA	005	MAKING RIGHT TURN



MEMO

TO: Joe Elsen, Roland Wagner, Zane Znamenacek

DATE: June 4, 2014

FROM: David Woolfall

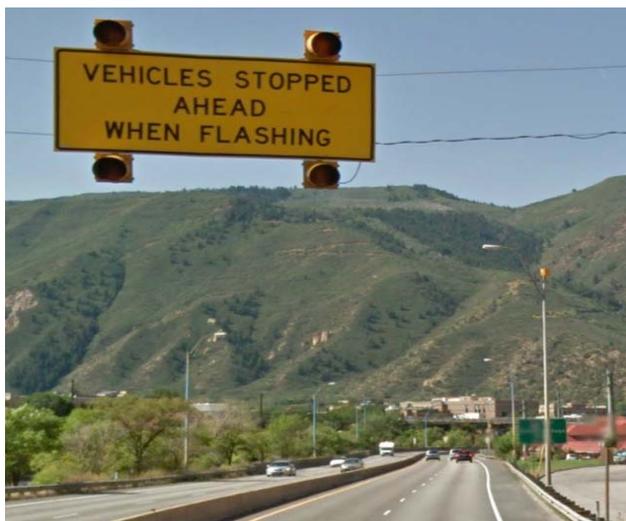
SUBJECT: Grand Avenue Bridge EA, I-70 Exit 116 Off ramp queuing

COPIES: Craig Gaskill, Jim Clarke, Kieth Borsheim

This memorandum has been prepared for the project file to document additional information for potential queuing at the Exit 116 interchange on I-70. The draft EA provided intersection LOS and freeway merge/diverge/mainline LOS, but did not contain details about potential queuing on the ramps. Queuing on the WB off-ramp in particular warrants additional analysis because a queue detection and advance warning sign/flashers were previously installed. The re-design of the SH 82 connection to Exit 116 will address this queuing issue.

Existing Conditions

The flashing warning sign for ramp queuing was installed in the 1989 due to the WB off ramp queue consistently backing onto the WB I-70 mainline, and accidents associated with the queuing. The issue began during traffic stoppages in the Glenwood Canyon project, and also occurred during other high traffic times after the Canyon project finished. The sign is shown below.





Queuing issues also existed prior to 2009 on the EB off ramp, but since that ramp is longer, has a straighter/more visible approach, and was not effected by Canyon construction, no warning sign was installed for that location.

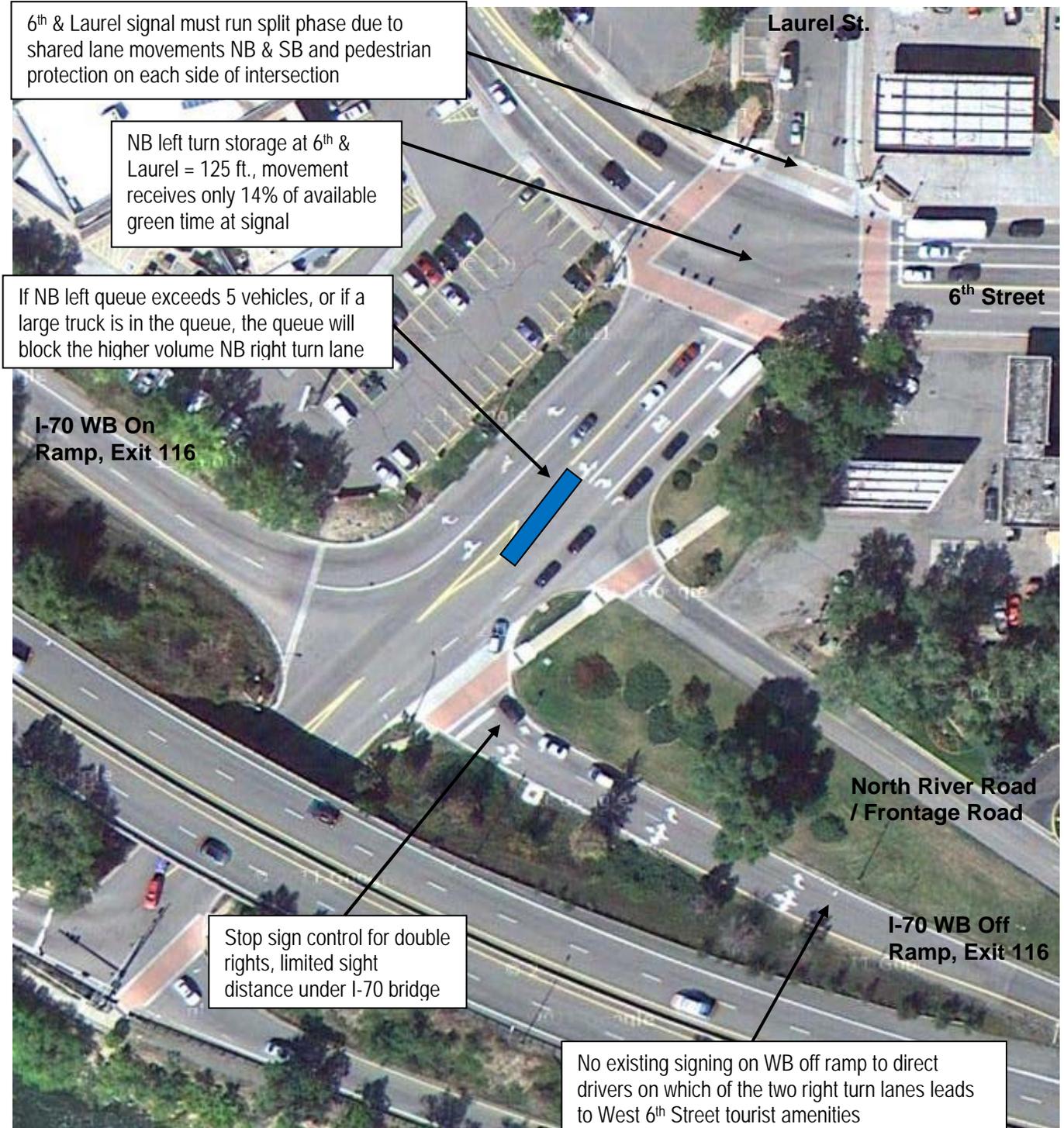
The 2009 ARRA project at Exit 116 and on SH 82 as far as 6th & Pine streets added capacity to the SH 82 system entering Glenwood Springs, providing two continuous lanes per direction from I-70 to the existing Grand Avenue Bridge. The ARRA project widened to two-lane ramps for the higher volume WB on-ramp and EB off-ramps, which – in combination with intersection improvements at 6th & Pine - has solved previous queuing issues on those ramps.

The queue warning system for the WB off ramp was in place prior to the 2009 ARRA SH 82 ramp capacity improvements, and based on accident data since 2009 the combination of additional SH 82 capacity and the warning sign has mostly mitigated accidents related to queuing. It is described that there is still WB off-ramp queuing on Friday afternoons in the summer season. This queuing is caused by several design and operations issues that the Grand Avenue Bridge project will address:

- The off-ramp length is constrained by the existing Grand Avenue bridge pier, so even a short vehicle queue could spill into right mainline lane of I-70. The total off-ramp length (queue + decel + taper) is about 600 ft., standard design for an off-ramp from a 60mph design facility would be about 250 ft. queue + 530 ft. decel + 300 ft. taper = 1,080 ft.
- The bridge pier also obstructs the view of this potential queue due to the I-70 curve. The flashing warning sign is about ½ mile in advance of the potential queue, and the accident data for 2008-2012 shows only one accident that may have been attributed to the vehicle queue issue. The low accident number is likely due to the combination of the capacity increase from the ARRA project plus the flashing warning sign.
- Although excessive queuing is not evident from traffic counts and traffic simulations, it has been described anecdotally that excessive queuing does still occur on some summer-season Friday afternoon/evenings. This is due to the following combination of issues which centers on the 6th and Laurel traffic signal. Most of these issues cannot be accurately replicated by standard traffic analysis software or described by LOS:
 - The Existing 6th & Laurel traffic signal runs a very long signal cycle length, 160 seconds in the PM peak. Longer signal cycle lengths create longer queues.

- The 6th & Laurel signal runs split-phase, meaning there are few concurrent traffic movements. The NB shared thru-left receives only 14% of the green time at the signal, meaning a queue can accumulate the other 86% of the time.
- A queue of only 125 ft. (5 vehicles) at this NB left exceeds the striped storage capacity, and a queue of 175 ft. (7 vehicles) will reach the WB off ramp at Exit 116. So if the queue reaches this level, drivers from the WB off ramp cannot turn onto Laurel St., thus they are stuck on the WB off ramp.
- Larger vehicles and non-local drivers will not fully move into the NB left storage area, so they block one of the NB right turn lanes. This brings the higher volume NB right traffic into the queuing equation, again blocking the WB off ramp intersection.
- The WB off-ramp is a stop-sign controlled double-right turn. The sight distance for both right turn lanes under the I-70 bridges is very restricted, which limits maneuverability for the stop-controlled drivers.
- There is currently no signing on the WB off ramp to indicate that there is a double-right turn at the bottom of the ramp, and that the left-inside right turn lane is the proper lane to turn from to reach West 6th Street. So some drivers from the right-outside of the double-rights try to weave left once they make their right turn.
- Large trucks must use both lanes of the WB off ramp to make a right turn, so a single truck that takes both lanes prior to making the right turn occupies the space of 6 standard vehicles.

The existing WB off ramp, SH 82 (Laurel Street) and 6th/ Laurel intersection is shown in the Figure below, with the above issues highlighted.





The proposed changes to the SH 82 intersection with the Exit 116 WB off-ramp intersection, and the ability to lengthen the WB off ramp with the bridge pier removal will allow all of the previously listed issues to be addressed. The new off ramp will be signalized, there will be improved signing, and the local access intersection (SH 82 and 6th Street) that replaces 6th & Laurel will operate more like a standard T intersection with simplified signal phasing. The flashing warning sign on WB I-70 will be removed once the new Grand Avenue Bridge is open to traffic.

Unlike the existing conditions, the signalization of the WB off-ramp intersection with SH 82 and associated geometric improvements allows a reasonable and predictable analysis of traffic operations and potential queuing of the off-ramp. The 2035 Build analysis showed the following:

	2035 AM Peak - Build	2035 PM Peak - Build
WB Off Ramp	310 vph Queue = 200 ft.	430 vph Queue = 150 ft. Queue is shorter in the PM due to less conflicting traffic than in the AM
EB Off Ramp	1,150 vph Queue = 300 ft.	420 vph Queue = 150 ft.
SH 82 / 6 th Street	100 vph Queue = 50 ft. Queue is shorter in the AM due to less conflicting traffic than in the PM	150 vph Queue = 200 ft.

The removal of the existing Grand Avenue Bridge piers allow the proposed geometric improvements to the off-ramp to meet standard criteria and provide buffer for queuing that occurs. The new WB off ramp dimensions will be:

- 470 ft. storage length (225' as double rights) + 530 ft. deceleration (60mph)+ 300 ft. taper = 1,300 ft.

The storage length is the resultant after maximizing the ramp improvements possible within the project area after removal of the existing bridge pier, and accounting for the planned speed limit change on I-70 to 70 mph.

The proposed improvements address the capacity needs of Exit 116 in the 2035 condition, and also allows CDOT future flexibility to modify signal timing to address any issues that might occur. The improvements planned that address existing issues are listed below:



Memo to Joe Elsen, Roland Wagner, Zane Znamenacek
Subject: Grand Avenue Bridge EA, I-70 Exit 116 Off ramp queuing

June 4, 2014

- 6th & Laurel signal will be replaced with a signalized T intersection at SH 82 and 6th & Laurel Streets. The T intersection will operate with more standard 3 phases and no split phasing.
- With the new pedestrian underpass, there will be no at-grade pedestrian crossings at the SH 82 / 6th signal, so signal timing can be based on vehicle demand.
- Simplified T intersection and removing pedestrian crossings allows a shorter signal cycle, about half the length of existing (80 instead of 160 seconds). Shorter signal cycles result in shorter vehicle queues.
- Signalizing the WB off-ramp intersection with SH 82 eliminates the sight distance issue caused by the I-70 bridge, provides a signalized pedestrian crossing, and provides a way to manage the queuing on the ramp through signal timing if needed.
- Signing will be added to the WB off-ramp to direct traffic to the proper lane of the double rights to reach their intended destination.
- The improved design of the WB double rights allow a large truck and a passenger car to turn simultaneously, reducing the capacity impacts of large trucks.
- The effective design length of the queue storage area for the WB off ramp increases from 0 ft. today to 470 ft. in the Build condition.