

FLIP CHART

<p style="text-align: center;">LOCATION AND TIME</p> <hr/> <p style="text-align: center;">Street Information</p> <p>Hwy Class</p> <ol style="list-style-type: none"> 1 - Interstate 2 - Federal 3 - State 4 - County 5 - Municipal 6 - Private property <p>Control Access</p> <ol style="list-style-type: none"> 1 - Main road 2 - Frontage road 3 - (Main road at) Interchange 4 - On-ramp 5 - Off-ramp 97 - Not a controlled access hwy <p>Hwy Loc</p> <ol style="list-style-type: none"> 1 - Northbound 2 - Southbound 3 - Eastbound 4 - Westbound 97 - Not applicable <hr/> <p style="text-align: center;">Circumstances</p> <p>Primary Contrib Circumstance</p> <p><u>General Causes</u></p> <ol style="list-style-type: none"> 1 - DUI 2 - Aggressive operation <p><u>Specific Driver Actions</u></p> <ol style="list-style-type: none"> 3 - Ran traffic signal 4 - Ran stop sign 5 - Disregarded traffic sign other than stop sign 6 - Over speed limit 7 - Driving too fast for conditions 8 - Made improper turn 9 - Improper or no signal 10 - Traveling wrong way/wrong side 11 - Crossed centerline 12 - Crossed median 13 - Disregarded other road markings 14 - Ran Off Road 15 - Followed too close 16 - Swerved to avoid vehicle 17 - Swerved to avoid object 18 - Swerved to avoid non-motorist 19 - Swerved to avoid animal 20 - Over correcting/over steering 21 - Improper passing 22 - Improper lane change/use 23 - Improper backing 24 - Misjudge stopping distance 25 - Under minimum speed 26 - Improper parking/stopped in road <p><u>Failed To Yield Right-of-Way...</u></p> <ol style="list-style-type: none"> 31 - From traffic signal 32 - From stop sign 33 - From yield sign 34 - Making left or U-turn 35 - Making right turn 36 - Making right turn on red signal 37 - From driveway 38 - From parked position 39 - At uncontrolled intersection 40 - To pedestrian in crosswalk 41 - Other failed to yield (explain in narrative) <p><u>Inattentive/Distracted By:</u></p> <ol style="list-style-type: none"> 51 - Passenger 52 - Use of electronic communication device (cell phone, pager, etc.) 53 - Use of other electronic device (navigation device, palm pilot, etc.) 54 - Fallen object 55 - Fatigued/asleep 56 - Insect/reptile 57 - Other distraction inside the vehicle (explain in narrative) 58 - Other distraction outside the vehicle (explain in narrative) <p><u>Improper Driver Action Not Covered Above:</u></p> <ol style="list-style-type: none"> 59 - Other improper action (explain in narrative) <p><u>No Improper Driving Action:</u></p> <ol style="list-style-type: none"> 71 - Vision obstructed 72 - Unseen object/person/vehicle 73 - Roadway, sign, or signal defect 74 - Defective equipment 	<p>Primary Contrib Circums (cont.)</p> <ol style="list-style-type: none"> 75 - Improper load, size 76 - Cargo fell or load shift 77 - Improper attachment 78 - Other - no improper driving (explain) <p><u>Pedestrian Actions</u></p> <ol style="list-style-type: none"> 81 - Improper crossing 82 - Lying or sitting in roadway 83 - Failure to yield the right of way 84 - Not visible (explain) 85 - Pedestrian under the influence 86 - Failure to obey signs, signals or officer 87 - Wrong side of road 88 - Not applicable because unit is railroad train 97 - Not applicable 98 - Other (explain in narrative) 99 - Unknown <p>First Harmful Event</p> <p><u>Non-Collision Events:</u></p> <ol style="list-style-type: none"> 1 - Ran off road, right 2 - Ran off road, straight 3 - Ran off road, left 4 - Crossed centerline 5 - Crossed median 6 - Evasive action (swerve/brake/...) 7 - Downhill runaway 8 - Cargo/equipment loss or shift 9 - Vehicle defect/Component Failure 10 - Separation of units 11 - Overturn/rollover 12 - Jackknife 13 - Fire/explosion 14 - Immersion 15 - Non-contact vehicle 16 - Fell/Jumped from Motor Vehicle 17 - Thrown or Falling Object 18 - Re-entering roadway 19 - Other non-collision (explain in narrative) <p><u>Collision With Non-Fixed Object:</u></p> <ol style="list-style-type: none"> 20 - Non-motorist: Pedestrian 21 - Non-Motorist: Pedalcycle 22 - Vehicle in traffic 23 - Vehicle in (or from) other roadway 24 - Parked motor vehicle 25 - Railway vehicle/train 26 - Animal - deer 27 - Animal - farm/ranch 28 - Animal - other 29 - Struck by Falling, Shifting Cargo 30 - Work Zone Equipment/ Maintenance Equipment 31 - Other non-fixed object (explain in narrative) <p><u>Collision With Fixed Object:</u></p> <ol style="list-style-type: none"> 32 - Bridge abutment/bridge rail 33 - Bridge support/column 34 - Overhead object/bridge, tree, etc. 35 - Culvert headwall 36 - Ditch 37 - Embankment 38 - Curb/island/raised median 39 - Guardrail face 40 - Guardrail end 41 - Concrete barrier 42 - Cable Barrier 43 - Other Traffic Barrier 44 - Tree 45 - Utility pole 46 - Light pole (breakaway) 47 - Light pole (non-breakaway) 48 - Traffic signal pole 49 - Sign post 50 - Other Post, Pole or Support 51 - Fence 52 - Mailbox 53 - Impact attenuator 54 - Other fixed object (explain in narrative) 99 - Unknown <p>First Harmful Event Location</p> <p><u>Motorist</u></p> <ol style="list-style-type: none"> 1 - On roadway 2 - Shoulder 3 - Median 4 - Roadside 5 - Outside of right-of-way 6 - Off roadway - location unknown 7 - In parking lane 8 - Gore 9 - Separator (cont) 	<p>First Harmful Event Location (cont)</p> <p><u>Non-Motorist</u></p> <ol style="list-style-type: none"> 21 - Intersection with crosswalk & pedestrian signal 22 - Intersection with crosswalk, no pedestrian signal 23 - At intersection, no crosswalk 24 - Non-intersection crosswalk 25 - Other non-intersection (explain in narrative) 26 - Driveway access crosswalk 27 - Sidewalk 28 - Off roadway 29 - Not applicable because unit is a railroad train <p><u>Other</u></p> <ol style="list-style-type: none"> 98 - Other (Explain in Narrative) 99 - Unknown <p>Most Harmful Event</p> <p><u>Non-Collision Events:</u></p> <ol style="list-style-type: none"> 1 - Ran off road, right 2 - Ran off road, straight 3 - Ran off road, left 4 - Crossed centerline 5 - Crossed median 6 - Evasive action (swerve/brake/...) 7 - Downhill runaway 8 - Cargo/equipment loss or shift 9 - Vehicle defect/Component Failure 10 - 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Guardrail end 41 - Concrete barrier 42 - Cable Barrier 43 - Other Traffic Barrier 44 - Tree 45 - Utility pole 46 - Light pole (breakaway) 47 - Light pole (non-breakaway) 48 - Traffic signal pole 49 - Sign post 50 - Other Post, Pole or Support 51 - Fence 52 - Mailbox 53 - Impact attenuator 54 - Other fixed object (explain in narrative) 98 - Other (Explain in Narrative) <p>Roadway Junction/Feature</p> <p><u>Non-Intersection/Interchange:</u></p> <ol style="list-style-type: none"> 1 - No special feature 2 - Bridge/overpass/underpass 3 - Railroad crossing 4 - Business drive 5 - Driveway access intersection 6 - Alley intersection 7 - Related to Intersection 8 - Crossover in median 9 - Entrance/Exit Ramp 10 - Tunnel 11 - Frontage road 12 - Other non-intersection (explain in narrative) 13 - Unknown Non-Interchange 	<p>Roadway Junction/Feature (cont)</p> <p><u>Intersection/Interchange:</u></p> <ol style="list-style-type: none"> 22 - Four-way intersection 23 - T - intersection 24 - Y - intersection 25 - Five-leg or more 26 - Offset four-way intersection 27 - Intersection with ramp 28 - Related to Intersection 29 - Traffic Circle 30 - Roundabout 31 - On-ramp merge area 32 - Off-ramp diverge area 33 - On-ramp 34 - Off-ramp 35 - With bike/pedestrian path 36 - Other Part of Interchange 37 - Other intersection (explain in narrative) 38 - Unknown Interchange 39 - Unknown Junction <p>Manner of Crash</p> <ol style="list-style-type: none"> 1 - Non-collision 2 - Single vehicle crash (all types) 3 - Head-on (front-to-front) 4 - Angle oncoming (frontal) 5 - Angle (front-to-side) Same Direction 6 - Angle (front-to-side) Opposite Direction 7 - Rear End (front-to-rear) 8 - Side Impact (Angled) 9 - Side Impact (90 Degree) 10 - Sideswipe, same direction 11 - Sideswipe, opposite direction 12 - Causal vehicle backing: Rear-to-Side 13 - Causal vehicle backing: Rear-to-Rear 98 - Other (Explain in Narrative) 99 - Unknown <p>School Bus Related</p> <ol style="list-style-type: none"> 1 - No, School Bus was not involved 2 - Yes, School Bus directly involved 3 - Yes, School Bus indirectly involved <p>Crash Severity</p> <ol style="list-style-type: none"> K - Fatal Injury A - Incapacitating Injury B - Non-Incapacitating Injury C - Possible Injury O - Property Damage Only 99 - Unknown <p style="text-align: center;">UNIT LEVEL</p> <p>Unit Type</p> <p><u>Motorized Vehicle</u></p> <ol style="list-style-type: none"> 1 - Passenger Car 2 - Station wagon 3 - Pick-up (four-tire light truck) 4 - Van or mini-van 5 - Cargo van (10,000lbs or less) 6 - Sport Utility vehicle (SUV) 7 - Single-unit truck (2-axle, 6-tire) 8 - Single-unit truck (>= 3 axles) 9 - Truck (6 or 7) with trailer 10 - Truck tractor only (bobtail) 11 - Tractor / Semi-trailer 12 - Tractor / doubles 13 - Tractor / triples 14 - Other light truck (10,000lbs or less) 15 - Other heavy truck (cannot classify) 16 - Motor home / recreational vehicle 17 - Mobile home transport 18 - Motorcycle 19 - Moped 20 - 3-wheel off road ATV 21 - 4-wheel off road ATV 22 - School bus (seats >15) 23 - Small school bus (seats <= 15) 24 - Transit bus 25 - Motor coach / motor home 26 - Other bus (seats > 15) 27 - Other small bus (seats <= 15) 28 - Farm equipment 29 - Maintenance / construction vehicle 30 - Low speed vehicle 31 - Snowmobile 32 - Other motor vehicle (explain in narrative) 99 - Unknown type of motorized vehicle
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FLIP CHART

UNIT LEVEL	Maneuver <u>Vehicle Maneuvers</u> 1 - Movement essentially straight 2 - Turning left 3 - Turning right 4 - Making U-turn 5 - Overtaking/passing 6 - Changing lanes 7 - Entering main road 8 - Leaving main road 9 - Backing 10 - Slowing/stopping 11 - Negotiating a Curve 12 - Stopped for sign/signal 13 - Legally parked 14 - Illegally parked <u>Non-Motorist Maneuvers</u> 21 - Entering or crossing roadway 22 - Walking, running, jogging, playing, cycling 23 - Working 24 - Pushing Vehicle 25 - Approaching or leaving vehicle 26 - Repairing vehicle 27 - Lying or sitting in roadway 28 - Not applicable because unit is a railroad train <u>Other</u> 98 - Other (Explain in Narrative) 99 - Unknown	Unit Contributing Circumstance 4 - Ran stop sign 5 - Disregarded traffic sign other than stop sign 6 - Over speed limit 7 - Driving too fast for conditions 8 - Made improper turn 9 - Improper or no signal 10 - Traveling wrong way/wrong side 11 - Crossed centerline 12 - Crossed median 13 - Disregarded other road markings 14 - Ran Off Road 15 - Followed too close 16 - Swerved to avoid vehicle 17 - Swerved to avoid object 18 - Swerved to avoid non-motorist 19 - Swerved to avoid animal 20 - Over correcting/over steering 21 - Improper passing 22 - Improper lane change/use 23 - Improper backing 24 - Misjudge stopping distance 25 - Under minimum speed 26 - Improper parking/stopped in road <u>Failed To Yield Right-of-Way...</u> 31 - From traffic signal 32 - From stop sign 33 - From yield sign 34 - Making left or U-turn 35 - Making right turn 36 - Making right turn on red signal 37 - From driveway 38 - From parked position 39 - At uncontrolled intersection 40 - To pedestrian in crosswalk 41 - Other failed to yield (explain in narrative) <u>Inattentive/Distracted By:</u> 51 - Passenger 52 - Use of electronic communication device (cell phone, pager, etc.) 53 - Use of other electronic device (navigation device, palm pilot, etc.) 54 - Fallen object 55 - Fatigued/asleep 56 - Insect/reptile 57 - Other distraction inside the vehicle (explain in narrative) 58 - Other distraction outside the vehicle (explain in narrative) <u>Improper Driver Action Not Covered Above:</u> 59 - Other improper action (explain in narrative) <u>No Improper Driving Action:</u> 71 - Vision obstructed 72 - Unseen object/person/vehicle 73 - Roadway, sign, or signal defect 74 - Defective equipment 75 - Improper load, size 76 - Cargo fell or load shift 77 - Improper attachment 78 - Other - no improper driving (explain) <u>Pedestrian Action</u> 81 - Pedestrian Improper crossing 82 - Ped lying or sitting in Roadway 83 - Ped Failure to yield the right of way 84 - Ped not visible 85 - Ped under the influence 86 - Failure to obey signs, signals or officer 87 - Wrong side of road 88 - Not applicable since unit is railroad train 97 - Not Applicable 98 - Other (explain in narrative) 99 - Unknown	Sequence of Events: use codes from Most harmful event from page 1 <h2 style="text-align: center;">Vehicle</h2> <h2 style="text-align: center;">Circumstances</h2> Usage <u>Individual</u> 1 - Personal 2 - Driver training <u>Business (Not Road Work)</u> 3 - Taxi 4 - Bus, passenger transport 5 - Vehicle used as School Bus 6 - Transport property 7 - Agriculture 8 - Construction (not roadway) 9 - Wrecker/tow 10 - Other business <u>Roadway Construction or Maintenance</u> 11 - Of publicly owned roadway 12 - Of privately owned roadway <u>Emergency Vehicles</u> 21 - Police 22 - Fire fighting 23 - Ambulance/paramedic 24 - Military 25 - Other emergency (explain) 97 - No Applicable 99 - Unknown
Driver / Non-Motorist	Race 1 - White/Caucasian 2 - Black/African American 3 - Hispanic 4 - Asian/Pacific Islander 5 - American Indian 97 - Not Applicable 98 - Other (Explain in Narrative) 99 - Unknown	Most Harmful Event for MV <u>Non-Collision Events:</u> 1 - Ran off road, right 2 - Ran off road, straight 3 - Ran off road, left 4 - Crossed centerline 5 - Crossed median 6 - Evasive action (swerve/brake/...) 7 - Downhill runaway 8 - Cargo/equipment loss or shift 9 - Vehicle defect/Component Failure 10 - Separation of units 11 - Overturn/rollover 12 - Jackknife 13 - Fire/explosion 14 - Immersion 15 - Non-contact vehicle 16 - Fell/Jumped from Motor Vehicle 17 - Thrown or Falling Object 18 - Re-entering roadway 19 - Other non-collision (explain in narrative) <u>Collision With Non-Fixed Object:</u> 20 - Non-motorist: Pedestrian 21 - Non-Motorist: Pedalcycle 22 - Vehicle in traffic 23 - Vehicle in (or from) other roadway 24 - Parked motor vehicle 25 - Railway vehicle/train 26 - Animal - deer 27 - Animal - farm/ranch 28 - Animal - other 29 - Struck by Falling, Shifting Cargo 30 - Work Zone Equipment/ Maintenance Equipment 31 - Other non-fixed object (explain in narrative) <u>Collision With Fixed Object:</u> 32 - Bridge abutment/bridge rail 33 - Bridge support/column 34 - Overhead object/bridge, tree, etc. 35 - Culvert headwall 36 - Ditch 37 - Embankment 38 - Curb/island/raised median 39 - Guardrail face 40 - Guardrail end 41 - Concrete barrier 42 - Cable Barrier 43 - Other Traffic Barrier 44 - Tree 45 - Utility pole 46 - Light pole (breakaway) 47 - Light pole (non-breakaway) 48 - Traffic signal pole 49 - Sign post 50 - Other Post, Pole or Support 51 - Fence 52 - Mailbox 53 - Impact attenuator 54 - Other fixed object (explain in narrative) 99 - Unknown	Emergency Status 1 - On an emergency call 2 - In police pursuit 3 - No emergency or pursuit 97 - Not applicable/not emergency vehicle 99 - Unknown
License	Status (Also CDL Status) A - Administrative disqualification (CDL only) C - Current/valid D - Denied E - Expired F - Fraudulent L - Left state R - Revoked S - Suspended T - Test required X - Canceled 97 - Not Applicable/Unlicensed 99 - Unknown	First Harmful Event Location <u>Motorist</u> 1 - On roadway 2 - Shoulder 3 - Median 4 - Roadside 5 - Outside of right-of-way 6 - Off roadway - location unknown 7 - In parking lane 8 - Gore 9 - Separator <u>Non-Motorist</u> 21 - Intersection with crosswalk & pedestrian signal 22 - Intersection with crosswalk, no pedestrian signal 23 - At intersection, no crosswalk 24 - Non-intersection crosswalk 25 - Other non-intersection (explain in narrative) 26 - Driveway access crosswalk 27 - Sidewalk 28 - Off roadway 29 - Not applicable because unit is a railroad train 97 - Not Applicable 98 - Other (Explain in Narrative) 99 - Unknown	Hazardous Cargo 1 - None 2 - Gasoline 3 - Other flammable liquid 4 - Flammable solids 5 - Oxidizer/peroxide 6 - Other explosives 7 - Poison 8 - Radioactive material 9 - Corrosive material 97 - Not applicable (not a commercial vehicle) 98 - Other (Explain in Narrative) 99 - Unknown
Restrict Violations	G - Automatic transmission N - Built up brakes O - Built up seat A - Corrective lenses E - Daylight only F - Hand controls J - Hearing impaired Z - Identification card only W - Intrastate commerce only Y - Learners license P - Left foot accelerator R - Mechanical signals C - Motorcycle B - Motor-driven cycle D - Outside mirror - left H - Outside mirror - right I - Outside mirror - right and left M - Power brakes L - Power steering S - School bus or class D K - Vehicle w/o airbrakes 97 - No Restrictions or Violations 99 - Unknown	Attachment 1 - None 2 - Mobile home 3 - Log trailer 4 - Other semi trailer 5 - Double/triple trailer 6 - Small utility (1 axle) 7 - Large utility (2+ axles) 8 - Steerable front axle 9 - Boat trailer 10 - Camper trailer 11 - Towed vehicle 12 - Tanker 13 - Pole trailer 98 - Other (Explain in Narrative) 99 - Unknown	Contributing Defect 1 - None 2 - Brakes 3 - Steering 4 - Tire blowout/separation 5 - Improper tread depth 6 - Wheels 7 - Wipers 8 - Windows/Windshield 9 - Mirrors 10 - Trailer hitch/coupling 11 - Power train 12 - Fuel system 13 - Exhaust 14 - Headlights 15 - Tail lights 16 - Turn signal 17 - Suspension 18 - Cruise control 19 - Body, Doors 98 - Other (Explain in Narrative) 99 - Unknown
Endorse Violations	H - Hazardous materials N - Tank vehicle P - Passenger S - School Bus T - Multiple: double/triple X - Hazardous/tank 97 - No endorsement violations or otherwise not applicable 99 - Unknown	Condition Driver Condition 1 - Apparently normal 2 - Physical impairment 3 - Emotional (e.g. depressed, angry, disturbed) 4 - Illness 5 - Asleep, fainted, fatigued, etc. 6 - Under the influence of alcohol/drugs 98 - Other (Explain in Narrative) 99 - Unknown	Citation Offense(s) Charged 3 - No Driver License 4 - Driving under the influence 5 - Driving under the influence of drugs (cont)
Circumstances	Unit Contributing Circumstance <u>General Causes</u> 1 - DUI 2 - Aggressive operation <u>Specific Driver Actions</u> 3 - Ran traffic signal (cont.)		

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UNIT LEVEL	Non-Mot Location At Time of Crash	Victim/Occupant Airbag	Involved Road/Bridge (cont)								
Vehicle (cont)	1 - Marked crosswalk at intersection 2 - At intersection but no crosswalk 3 - At intersection - other 4 - Non-intersection crosswalk 5 - Driveway access crosswalk 6 - In roadway (not in crosswalk or intersection) 7 - Median (but not on shoulder) 8 - Island 9 - Shoulder/roadside 10 - Sidewalk 11 - Roadside 12 - Outside Trafficway 13 - Dedicated Bike Lane 14 - Shared-use path or trails 15 - Inside building 98 - Other (Explain in Narrative) 99 - Unknown	1 - Not installed (so does not apply) 2 - Not deployed, no switch 3 - Not deployed, switch off 4 - Not deployed, switch on 5 - Deployed front, no switch 6 - Deployed front, switch off 7 - Deployed front, switch on 8 - Deployed side, no switch 9 - Deployed side, switch off 10 - Deployed side, switch on 11 - Deployed Curtain, no switch 12 - Deployed Curtain, switch off 13 - Deployed Curtain, switch on 14 - Deployed both front and side (all cases) 97 - N/A (vehicle <i>cannot</i> contain airbags) 98 - Other (Explain in Narrative) 99 - Unknown	9 - Shoulders low 10 - Shoulder high 11 - Shoulders soft 12 - Non-Highway Work 98 - Other (Explain in Narrative) 99 - Unknown								
Citation Offense(s) Charged (cont)			Road Surface Type								
7 - Driving while revoked 8 - Driving while suspended 24 - Leaving the scene of an accident 27 - Improper parking 28 - Improper tag or expired tag 46 - Violation of restrictions 57 - Eluding police 66 - Assault 71 - Driving under the influence of Alcohol and drugs 72 - Driving under the influence of any substance 75 - Window Tint 99 - None 117 - No Tag 128 - No registration in vehicle 131 - No proof of insurance 145 - Driving a commercial vehicle without first being licensed 148 - Improper class or endorsements on license			1 - Asphalt 2 - Concrete 3 - Brick 4 - Unpaved 97 - Not Applicable 98 - Other (Explain in Narrative)								
Damage	Uninjured Occupants / Victims	Victim Injury Type	Roadway Condition								
Damage Severity	Seating Position Codes	1 - Fatal 2 - Incapacitating 3 - Non-incapacitating 4 - Not visible but complains of pain 99 - Unknown	1 - Dry 2 - Wet 3 - Ice 4 - Snow 5 - Slush 6 - Muddy sand/dirt/gravel 7 - Water buildup 97 - Not Applicable 98 - Other (Explain in Narrative) 99 - Unknown								
	2, 4 or 6 Passenger <table style="display: inline-table; border: 1px solid black; text-align: center; margin: 5px;"> <tr><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td></tr> </table> Bicycle, Motorcycle, ATV <table style="display: inline-table; border: 1px solid black; text-align: center; margin: 5px;"> <tr><td>10</td></tr> <tr><td>11</td></tr> </table>	1	2	3	4	5	6	10	11		
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7	8	9									
17	18	19									
	12 - Pedestrian 13 - Rider of Domestic Animal 14 - Occ. of Non-Motorized Vehicle 15 - Passenger of Bus 16 - Not in Passenger Compartment 97 - Not Applicable 98 - Other (Explain) 99 - Unknown	1 - 0-3 (Legal child safety seat age) 2 - 4-5 (Legal child booster seat age) 3 - 6-8 (Possible booster) 4 - 9-12 (Pre-teen) 5 - 13-15 (Pre driving teen) 6 - 16-20 (Youthful driver) 7 - 21-25 (Young adult) 8 - 26-64 (Adult) 9 - 65 or older (Senior) 99 - Unknown	1 - None apparent 2 - Weather 3 - Physical obstruction 4 - Glare 5 - Animal in roadway 6 - Previous crash 7 - Non-highway work 98 - Other (Explain in Narrative) 99 - Unknown								
Towed	Victim/Occupant Type	Sex of Victim/Occupant	Contributing Material In Roadway								
1 - Vehicle towed due to disabling damage 2 - Vehicle towed for reasons other than disabling damage 3 - Vehicle not towed 97 - Not applicable (e.g., non-motorist unit) 99 - Unknown	1 - Driver 2 - Passenger 3 - Non-motorist 99 - Unknown	1 - Male 2 - Female 99 - Unknown	1 - None 2 - Rocks 3 - Trees/limbs 4 - Leaves 5 - Dirt 6 - Gravel 7 - Tire debris 8 - Oil/petroleum 97 - Not Applicable								
Non-Motorist Details	Victim/Occup. Safety Equip.	Ejection/Trapped Victim/Occ.	Contributing Material Source								
Action Prior to Crash	<u>All Restraints and Safety Equipment</u> 1 - None used – motor vehicle occupant 97 - Not Applicable 98 - Other (Explain in Narrative) 99 - Unknown <u>Normal Adult Restraints</u> 2 - Shoulder and lap belt used 3 - Lap belt only used 4 - Shoulder belt only used <u>Child Restraints</u> 5 - Forward facing child safety seat used properly 6 - Rear facing child safety seat used properly 7 - Child booster seat used properly 8 - Forward facing child safety seat used improperly 9 - Rear facing child safety seat used improperly 10 - Child booster seat used improperly 11 - Unknown Child Restraint Type <u>Child in Arms (Shared Seat)</u> 12 - Of restrained adult 13 - Of unrestrained adult <u>Motorcycle</u> 14 - DOT-compliant motorcycle helmet used 15 - Other Helmet used 16 - No motorcycle helmet used <u>Pedestrian, Pedalcycle or Other Non-Motorist</u> 17 - Helmet Used 18 - Protective pads used (elbows, knees, shin, etc.) 19 - Reflective clothing (jacket, backpack, etc.) 20 - Lighting used by non-motorist 21 - Other safety equipment used by non-motorist	1 - Not ejected or trapped 2 - Partially ejected 3 - Totally ejected 4 - Trapped within vehicle 97 - Not applicable (motorcycle, bicycle, etc.) 99 - Unknown	1 - Paramedic/EMT 2 - Police 3 - Doctor 4 - Civilian 97 - None - No First Aid 98 - Other (Explain in Narrative) 99 - Unknown	1 - Natural environment 2 - Dropped from vehicle 3 - Dropped from vehicle 97 - Not applicable; no such material							
Going to/from K-12 school		Victim First Aid By	Roadway Curve & Grade								
1 - Yes, going to-from school 2 - No, not going to-from school 99 - Unknown		1 - EMS Air 2 - EMS ground 3 - Law enforcement 4 - Private vehicle 97 - Not applicable – not transported 98 - Other (explain in narrative) 99 - Unknown	1 - Straight & level 2 - Straight, down grade 3 - Straight, up grade 4 - Straight, at hillcrest 5 - Curve Left & level 6 - Curve Left & down grade 7 - Curve Left & up grade 8 - Curve Left at hillcrest 9 - Curve Right & level 10 - Curve Right & down grade 11 - Curve Right & up grade 12 - Curve Right at hillcrest 13 - Sag (bottom) 97 - Not Applicable								
Action At Time of Crash		Victim Details	Contributing Material Source								
1 - No improper action 2 - Improper Crossing 3 - Darting/dashing 4 - In roadway improperly (standing, on knees, lying, etc.) 5 - Failure to yield right-of-way 6 - Not visible (dark clothing, no lighting, etc.) 7 - Inattentive (talking, eating, etc.) 8 - Failure to obey traffic signs, signals or officer 9 - Wrong-way riding or walking 10 - Improper turn/merge 11 - Improper passing 98 - Other (describe in narrative) 99 - Unknown		Transport Type	Roadway Curve & Grade								
		1 - EMS Air 2 - EMS ground 3 - Law enforcement 4 - Private vehicle 97 - Not applicable – not transported 98 - Other (explain in narrative) 99 - Unknown	1 - Natural environment 2 - Dropped from vehicle 3 - Dropped from vehicle 97 - Not applicable; no such material								
		Unit Roadway Environment	Roadway Curve & Grade								
		Involved Road/Bridge	Vision Obscured By								
		1 - None apparent 2 - Road surface condition (wet, icy, snow, slush, etc.) 3 - Debris 4 - Ruts, holes, bumps 5 - Work Zone (construction maintenance/utility) 6 - Worn, Travel-Polished Surface 7 - Obstruction in Roadway 8 - Traffic control inoperative, missing, obscured (cont)	1 - Straight & level 2 - Straight, down grade 3 - Straight, up grade 4 - Straight, at hillcrest 5 - Curve Left & level 6 - Curve Left & down grade 7 - Curve Left & up grade 8 - Curve Left at hillcrest 9 - Curve Right & level 10 - Curve Right & down grade 11 - Curve Right & up grade 12 - Curve Right at hillcrest 13 - Sag (bottom) 97 - Not Applicable	1 - Not obscured <u>Roadside</u> 2 - Trees/crops 3 - Buildings 4 - Embankment 5 - Sign/billboard 6 - Lights/glare (roadside) <u>Roadway Alignment</u> 7 - Hillcrest 8 - Curve in road (cont)							

FLIP CHART

<p style="text-align: center;">Unit Roadway Environment (cont)</p> <p>Vision Obscured By (cont) <i>objects in Roadway</i> 9 - Parked vehicles 10 - Moving vehicles 11 - Other object in roadway (explain) <i>Within or On the Vehicle</i> 12 - Person/object in or on vehicle 13 - Frosted windows/windshield <i>Environmental</i> 14 - Driver blinded by sun 15 - Weather conditions 16 - Fire/smoke 17 - Dust <i>From Other Vehicle</i> 18 - Cargo from other vehicle 19 - Splash or spray from wheels 20 - Driver blinded by headlights 97 - Not Applicable 98 - Other (Explain in Narrative)</p>	<p>Opposing Lane Separation</p> <ol style="list-style-type: none"> 1 - None 2 - Paved surface 3 - Unpaved surface 4 - Broken painted line 5 - Solid painted lines 6 - Concrete barrier 7 - Metal guard rail 8 - Cable Barrier 9 - Fence 98 - Other (Explain in Narrative) 99 - Unknown <p>Trafficway Lanes</p> <ol style="list-style-type: none"> 1 - One lane 2 - Two lanes 3 - Three lanes 4 - Four lanes 5 - Five lanes 6 - Six lanes or more 97 - Not applicable (e.g., parking lot) 	<p>Vehicle Configuration</p> <ol style="list-style-type: none"> 1 - Passenger vehicle with hazardous material placard 2 - Light truck with hazardous material placard 3 - Bus (seats for 9 - 15 people, including driver) 4 - Bus (seats for more than 15 people, including driver) 5 - Single unit truck (2 axles/6 or more tires) 6 - Single unit truck (3 or more axles) 7 - Truck with trailer 8 - Truck tractor only (bobtail) 9 - Tractor with semi-trailer 10 - Tractor with double trailers 11 - Tractor with triple trailers 12 - Unknown class heavy truck <p>Cargo Type</p> <ol style="list-style-type: none"> 1 - None 2 - Beverages 3 - Building Materials 4 - Chemicals 5 - Coal/Coke 6 - Commodities, dry bulk 7 - Driveaway/Towaway 8 - Fresh Produce 9 - Garbage, refuse, trash 10 - General Freight 11 - Grain, feed, hay 12 - Household goods 13 - Intermodal 14 - Liquids/gases in tanks 15 - Livestock 16 - Logs, poles, lumber 17 - Machinery, large object 18 - Meat 19 - Metal: sheets, coils 20 - Mobile homes 21 - Motor Vehicles 22 - Oilfield equipment 23 - Paper products 24 - Passenger 25 - Refrigerated foods 26 - U.S. mail 98 - Other 99 - Unknown <p>Cargo Body Type</p> <ol style="list-style-type: none"> 1 - Bus (9 - 15 passengers, including driver) 2 - Bus (more than 15 passengers, including driver) 3 - Van/enclosed box 4 - Cargo Tank 5 - Flatbed 6 - Dump 7 - Concrete mixer 8 - Auto transporter 9 - Garbage/Refuse 10 - Hopper (bulk material) 11 - Pole trailer (not log) 12 - Log 13 - Intermodal container chasis 14 - Vehicle towing another vehicle 15 - No cargo body 97 - Not applicable 98 - Other 99 - Unknown <p><i>* If other, please explain</i></p>	<p style="text-align: center;">Motor Carrier Information</p> <p>Motor Carrier Type</p> <ol style="list-style-type: none"> 1 - Interstate carrier 2 - Intrastate carrier 3 - Non in Commerce / government 4 - Not in Commerce / other truck 97 - Not applicable 98 - Other (explain in narrative) 99 - Unknown
<p>Traffic Control</p> <ol style="list-style-type: none"> 1 - No controls present <i>Human</i> 2 - Police officer 3 - Crossing guard 4 - Flag person <i>Signs or Signals</i> 5 - School zone signs 6 - Traffic signals 7 - Flashing traffic control signal 8 - Stop sign 9 - Yield sign 10 - No passing zone 11 - Warning sign 12 - Workzone sign <i>Railroad (RR)</i> 13 - RR gates 14 - RR signals/bells 15 - RR stop sign 16 - RR advance signs 17 - RR pavement markings 18 - RR crossbucks <i>Controls</i> 19 - Pedestrian control 20 - Lane control device 97 - Not Applicable 98 - Other (Explain in Narrative) 99 - Unknown 	<p>Turn Lanes</p> <ol style="list-style-type: none"> 1 - None 2 - Left turn lane(s) only 3 - Right turn lane(s) only 4 - Both left and right turn lanes 97 - Not applicable 98 - Other (Explain in Narrative) 99 - Unknown 	<p style="text-align: center;">Workzone Status</p> <p>Workzone Related?</p> <ol style="list-style-type: none"> 1 - Not in/related to workzone <i>In Workzone, Outside of Work Area</i> 2 - Outside of the workzone warning signs 3 - Between workzone warning signs and work area 4 - In the termination area of the workzone 5 - On temporary detour <i>Within the Work/Activity Area</i> 6 - At lane shift transition in the activity area 7 - Involving workers/equipment in the activity area 8 - Involving roadway conditions in the activity area 9 - Not involving workers/conditions in the activity area <i>Not Covered Above</i> 97 - Not in/near workzone (WZ) 98 - Other Workzone Area (Explain) 99 - Unknown 	<p style="text-align: center;">Crash Roadway Environment Non Unit</p> <p>Lighting Conditions</p> <ol style="list-style-type: none"> 1 - Daylight 2 - Dusk 3 - Dawn 4 - Dark roadway lighted 5 - Dark, spot illumination, one side of roadway 6 - Dark, spot illumination, both sides of roadway 7 - Dark, continuous illumination, one side of roadway 8 - Dark, continuous illumination, both sides of roadway 9 - Dark, unknown roadway lighting 97 - Not Applicable 98 - Other 99 - Unknown
<p>Traffic Control Functioning</p> <ol style="list-style-type: none"> 1 - Yes 2 - No 97 - Not Applicable; no traffic control 	<p>Workzone Type</p> <ol style="list-style-type: none"> 1 - Major construction project 2 - Routine maintenance 3 - Lane Closure 4 - Lane Shift/Crossover 5 - Work on Shoulder or Median 6 - Intermittent or Moving Vehicle 97 - Not applicable (not a workzone) 98 - Other type of Workzone (Explain in Narrative) 	<p>Sequence of Events</p> <p><i>Non-Collision:</i></p> <ol style="list-style-type: none"> 1 - Ran off road 2 - Jackknife 3 - Overturned (rollover) 4 - Downhill runaway 5 - Cargo loss or shift 6 - Explosion or fire 7 - Separation of units 8 - Cross median/centerline 9 - Equipment failure 10 - Other non-collision 11 - Unknown <p><i>Collision:</i></p> <ol style="list-style-type: none"> 12 - Collision with pedestrian 13 - Collision with motor vehicle in transport 14 - Collision with parked motor vehicle 15 - Collision with train 16 - Collision with pedalcycle 17 - Collision with animal 18 - Collision with fixed object 19 - Collision with work zone maintenance equipment 20 - Collision with other movable object 21 - Collision with unknown movable object <p><i>Not Applicable:</i></p> <ol style="list-style-type: none"> 97 - Not applicable 	<p>Weather Conditions</p> <ol style="list-style-type: none"> 1 - Clear 2 - Cloudy 3 - Fog 4 - Mist 5 - Rain 6 - Sleet, hail, freezing rain 7 - Snow 8 - Blowing snow 9 - Severe winds 10 - Blowing sand, soil, dirt 98 - Other (Explain in Narrative) 99 - Unknown
<p>Opposing Lane Separation</p> <ol style="list-style-type: none"> 1 - None 2 - Paved surface 3 - Unpaved surface 4 - Broken painted line 5 - Solid painted lines 6 - Concrete barrier 7 - Metal guard rail 8 - Cable Barrier 9 - Fence 97 - Not Applicable 98 - Other (Explain in Narrative) 99 - Unknown 	<p>Workers Present</p> <ol style="list-style-type: none"> Yes (workers present) No (no workers present) Unk (Unknown) 97 - Not Applicable 	<p>Investigation</p>	<p>Locale</p> <ol style="list-style-type: none"> 1 - Open country 2 - Residential 3 - Shopping or business 4 - Mfg or industrial 5 - School 6 - Playground 98 - Other (Explain in Narrative)
<p>Trafficway Lanes</p> <ol style="list-style-type: none"> 1 - One lane 2 - Two lanes 3 - Three lanes 4 - Four lanes 5 - Five lanes 6 - Six lanes or more 97 - Not applicable (e.g., parking lot) 	<p>Law Enforcement Present in Work Zone?</p> <ol style="list-style-type: none"> 1 - No 2 - Officer Present 3 - Law Enforcement Vehicle only Present 97 - Not Applicable 99 - Unknown 	<p>Non-Vehicular Property Damage</p> <ol style="list-style-type: none"> 1 - None visible 2 - Light (less than \$500) 3 - Moderate (between \$500 and \$10,000) 4 - Severe (Over \$10,000) 	<p style="text-align: center;">Truck/Bus Supplement</p>
<p>Turn Lanes</p> <ol style="list-style-type: none"> 1 - None 2 - Left turn lane(s) only 3 - Right turn lane(s) only 4 - Both left and right turn lanes 97 - Not applicable 98 - Other (Explain in Narrative) 99 - Unknown 	<p>Bus Usage</p> <ol style="list-style-type: none"> 1 - Not a bus 2 - School 3 - Transit / commuter 4 - Intercity 5 - Charter / tour 6 - Shuttle 98 - Other (explain in narrative) 99 - Unknown 	<p>Crash Roadway Environment Non Unit</p>	<p>Motor Carrier Information</p>