State of Colorado

INVESTIGATING OFFICER'S CRASH REPORTING MANUAL

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Department of Revenue

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Origins of the Manual

Colorado Statutes state, in part, that the Department of Revenue, Motor Vehicle Division "shall prepare and upon request, supply to Police Departments, Coroners, Sheriffs, and other suitable agencies or individuals, forms for accident reports required under this article, which reports shall call for sufficiently detailed information to disclose, with reference to a traffic accident, the contributing circumstances, the conditions then existing, and the persons and vehicles involved."

Note that while the Colorado statute (CRS 42.4.1601) refers to "accident", the generally accepted and preferred term is "crash." In the 1997 NHTSA campaign the stated goal was "to eliminate the word 'accident' from the realm of unintentional injury, on the highway and across the nation" in order to more fully support the application of "all the appropriate resources to bear on the enormous problem of motor vehicle collisions.

"Rather than implying an accident as an unavoidable incident, the change in word emphasizes that "motor vehicle crashes and injuries are predictable, preventable events. Continued use of the word 'accident' promotes the concept that these events are outside of human influence or control. In fact, they are predictable results of specific actions."

The State Traffic Records Advisory Committee (STRAC) has developed this manual to aid Colorado Peace Officers in completing traffic accident investigation reports.

In a joint, cooperative effort with STRAC, the Department of Revenue, Motor Vehicle Division has revised the Investigator's Traffic Crash Report, **DR3447**. This manual was developed not only to provide information concerning these revisions, but to create uniformity in crash reporting by all law enforcement agencies. This revised manual has been compiled to provide answers to many recurring questions asked by peace officers when completing the Investigator's Traffic Crash Report.

Over seventy individuals were consulted for this effort, representing organizations as diverse as Safe Kids, Bike Denver, Bicycle Colorado, MADD, DUID Victims Voices, City and County law enforcement and engineering, CSP, DRCOG, CDOR, CDOT, CHPHE, CDHS, CDE, CDAC, CDPS, FMCSA, NHTSA, and CMCA. Over the period from May of 2016 through May 2017, scores of work sessions were held addressing various components of the crash data (crash, vehicle, driver, non-motorists, the roadway, and the environment), as well as a range of uses for the data (engineering, behavior, enforcement, and health).

Keep in mind that the manual is designed as a set of guidelines only; there is no way to cover every conceivable question raised in the course of investigating a crash.

Changes in Crash Reporting

Many of the changes in the revised Traffic Crash Report **(DR3447)** reflect a continued trend across the United States to evolve to a more uniform set of crash data. With better data, problems can be accurately identified. Subsequently, goals and performance measures can be established, resources can be allocated, and vehicle safety countermeasures can be engineered. There are several reasons to modify the existing crash report:

- There is a growing number of non-motorists (bicyclists and pedestrians) involved in crashes with increased interest in how to prevent these types of crashes.

- Outcomes studies with motor vehicle crash injuries data linked to information from the EMS Trauma Registry assists in identifying serious injuries and fatalities and how to prevent them based on the DR3447 crash data.

- Distraction has been increasing, especially with phones and electronic devices being used by drivers of vehicles, and national attention is now being focused on distracted driving as a significant safety issue.

- With the passage of Colorado's Amendment 64, the use of marijuana in Colorado has been legalized, and impaired driving due to marijuana use is a significant concern, especially with respect to crashes caused by drugged driving.

- Autonomous vehicles are on the way, and the DR3447 contains data to be collected for these new technologies as they become more common on Colorado roadways.

This version of the report and the corresponding manual specifically provides guidance for programming electronic crash data systems to accept DR3447 data in ways that makes filling out the form easier for the investigating officer, as the overarching goal for Colorado is to achieve electronic crash reporting across all agencies over time.

The Growing Importance of Data

The importance of accurate data collection and reporting cannot be overemphasized. Many individuals and agencies, both from the public and private sector, use and rely on the information gathered on crash reports.

Motor vehicle crash reporting provides valuable data to many different groups: the traffic engineer planning to resurface a road; the city planner developing safe school routes; the high school driver education teacher planning a curriculum; the public works director applying for a State grant for reconstructing a hazardous intersection; the police sergeant targeting selective enforcement; the motor vehicle administrator; the highway safety planner; and countless others who need timely, complete, and accurate motor vehicle crash information.

These stakeholders need high-quality data to develop policies and programs that will improve the safety and the operation of the Nation's roadway transportation network. Improving motor vehicle traffic crash data will help State and local agencies identify specific traffic safety problems, communicate safety issues

to the public and media, make better programming and resource allocation decisions and enable better monitoring and program evaluation. Ultimately, better data will lead to safer roadways.

Millions of dollars are spent on initiatives related to roadway safety in Colorado each year. There are increasing demands that those efforts be data driven to meet the needs of safety analysts. At the same time, it is important to ensure that officers completing the forms can efficiently and reliably enter the requested data. Other considerations include the ability of officers to enter and submit crash data electronically, as well as the ability to link crash data to other data sets for improved safety analysis.

This manual should assist every peace officer in Colorado with the reporting of timely, accurate and consistent crash information. That information leads to improved highway safety at the local, state, and federal level.

Significant Changes with the DR3447

To respond to the evolving needs for high quality data related to crashes, the Colorado crash report form underwent a significant overhaul.

The revised **DR3447** incorporates research and guidelines from the Model Minimum Uniform Crash Criteria (MMUCC), the National Highway Traffic Safety Administration (NHTSA), American National Standards Institute (ANSI), the Federal Highway Administration (FHWA), and the Federal Motor Carrier Safety Administration (FMCSA).

Changes to the Data Model

The following changes were made to the data model:

Element	Action	Notes
Hit & Run	Added	So that the event occurrence of a hit & run wasn't lost once the investigation uncovered the driver/owner
Lat/long	Specified	Changed to decimal degrees, to ensure more consistent collection
Intersection/offset	Clarified	To ensure consistency and usefulness of the location data
Route & milepoint/offset	Clarified	To ensure consistency and usefulness of the location data
Number of Lanes Blocked	Added	To assist with Traffic Incident Management
Lane Position	Added	To assist with Traffic Incident Management
Transported by	Expanded	For better tracking of fatal-related data
Autonomous vehicle	Added	To address emerging technologies
Vehicle function	Added	To separate the body style of the vehicle (what it looks like) from the vehicle function (what it does).
Driver distraction	Expanded	To address a growing area of concern
GDL restriction compliance	Added	To facilitate effectiveness studies

Element	Action	Notes
Driver Action, Contribution	Multiple choices	To improve the data available for studies, to reduce the challenge for officer ("which one do I choose?")"?)
Non-Motorist from Vehicle	Separated	To make the data easier to collect and to analyze
Bicyclist/Pedestrian facility Location prior to impact Actions prior Safety equipment	Added	To have better data to address the growing number of bicyclist and pedestrian crashes
Occupant (main form and fatal supplement	Consolidated	To reduce redundancy
Road contour (curves/grades)	Clarified	
Road surface	Removed	Not needed, not easy for officer to select
Vehicle Types	Reduced	Removed combinations (with trailers), easier for officer to enter
Trailers	Expanded	To handle the combinations that can occur: Up to 4 trailers (plus a dolly)
CMV oversize	Expanded	To better address safety concerns related to oversized (weight, length, etc.) vehicles
Occupant	Expanded	Added more selections for child restraint, airbags; to better address safety concerns related to occupant protection
CMV identification	Reduced	Streamline data entry by officers

Changes to the Form

Form Change	Notes
Separate Crash page	Consolidated the text fields and the crash part of Overlay A on to one page that covers all the data related to the crash itself
Separate Narrative/Diagram page	Set up a specific page, with a that can be distinguished from the others by a unique barcode, that will facilitate the capture of that data by the DOR system
Consolidated Vehicle main page	One vehicle per page makes more modular, clearer for officer data collection
Consolidated vehicle data page	The vehicle/driver related fields from Overlay A plus the data from Overlay C; eliminated those two overlays
Separate Non-Motorist page	One non-motorist per page makes more modular, clearer for officer data collection and more useful for data analysis
Eliminated the Fatal Supplement	Streamlines officer data collection; reduces redundancy, variations

Changes to the Manual

- Adapted to the new Data Model

- Adapted to the new Form

- Consolidated the definitions of key terms:

    - ➢ Reportable Crash

    - ➢ Fatality

    - ➢ Serious Injury

    - ➢ Reportable occupant

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The DR3447 Legal Document

The Crash Report is a legal document, covered by Colorado Statute, and is a driver record.

- It is highly preferred that Crash Reports be entered, validated, and transmitted electronically to the Department of Revenue. Crash Reports submitted on paper are to be typed or legibly hand printed in blue or black ink; illegible entries cannot be entered into the Department of Revenue computer system.

  ➢ The state of Colorado State Traffic Records Advisory Committee (STRAC) has funding available to assist local and county municipalities with the purchase and deployment of electronic crash records systems that improve the timeliness and quality of the state's traffic crash data. More information regarding STRAC is available at:

  https://www.codot.gov/about/committees/strac

  including information regarding applying for STRAC funding, the grant-funding process and schedule, and grant application materials. Any law enforcement entity providing motor vehicle crash data to DOR is encouraged to apply for funding for electronic transmission of this data to DOR.

- By statute (42-4-1606), investigating officers are required to submit the report within five days of receiving information regarding the crash or upon the completion of their investigation. Every effort should be made to ensure that the report submitted to the Department of Revenue is complete.

- The original of all reports should be mailed to:

  Department of Revenue
  Motor Vehicle Division
  Traffic Records Section
  Denver, Colorado 80261-0016

- During the course of a crash investigation, it may become necessary to amend the original DR3447 and resubmit an amended crash report to DOR. If this is required, submit a completed copy of the DR3447 including all amended information to the address above at the Department of Revenue. Frequent reasons for amendments include, but are not limited to:

  ➢ Solving a hit and run and including the name and address information for the hit and run driver,

  ➢ The addition of fatality information for an individual who has died as a result of crash related injuries within a time window that makes the death a countable traffic fatality, or

➢ The district attorney's office adds additional charges that should be added to the DR3447.

- Copies of the report are available to parties of interest for a fee (will vary by department). Written requests should include the complete names of all drivers involved and the date of the crash. The request should be directed to:

  Department of Revenue
  Motor Vehicle Division
  Traffic Records Section
  Denver, Colorado 80261-0016

- The focus of the Crash Report is to provide information to analysts regarding the circumstances surrounding traffic collisions and to aid in the development of engineering, enforcement, and educational strategies for the reduction of traffic crashes and their related economic loss. It is also used for court cases/appearances, restraint actions, civil and criminal litigation, as well as the administration of driver's license regulations. The Department of Revenue uses this information to prepare statistics for State and Federal entities. Other users include attorneys, insurance companies, and private individuals who have a need for reliable traffic crash information.

- To determine which traffic crashes require that a DR3447 be sent to the Department of Revenue, use the guidelines in the next section of this manual.

- Crashes involving a fatality or serious injury require additional data collection above and beyond that required for other crashes. To determine which crashes require this additional data collection, use the guidelines in the next section of this manual.

Juvenile-Related Data

The DR3447 is a public record, and certain privacy and disclosure laws apply. On the other hand, Title 19 addresses juvenile records, and states:

§19-1-304(2) (a) **Law enforcement records in general--closed.** Except as otherwise provided by paragraph (b.5) of subsection (l) of this section and otherwise authorized by section 19-1-303, the records of law enforcement officers concerning juveniles, including identifying information, shall be identified as juvenile records and shall not be inspected by or disclosed to the public,

A juvenile is someone under the age of 18.

There are several exceptions, such as:

- To the juvenile and the juvenile's parent, guardian, or legal custodian;

- To other law enforcement agencies and to fire investigators who have a legitimate need for such information;

- To the victim and the complaining party, if different, in each case after authorization by the district attorney or prosecuting attorney;

In general, there are no specific concerns regarding the entry of data regarding juveniles in a crash report. However, it is recommended that an agency's legal counsel be contacted regarding the releasing records containing data on juveniles. Often that means that the juvenile's name and address should be redacted, but that other demographic data such as age or gender can be released. As a reminder, a check box has been added to the form to indicate that a juvenile (one or more) was involved in the crash).

Redacting is only needed if there's a public release. CSP takes the approach of redacting for public release.

NOTE: The above pertains to the DR3447: Charging documents represent a different issue entirely.

Completing the DR3447 Crash Report

This section of the manual provides a detailed explanation of how to complete the Investigator's Traffic Crash Report, **DR3447**. This section can be used in various ways. As a training tool for a new officer, it gives a step-by-step explanation of the whole report. As a resource tool for an experienced officer, it facilitates looking up the information in a specific field without having to read all the other material.

First, some general concepts are explained. Then, in the following sections, the DR3447 is broken down by page. First, an image of the page is shown, with each element on that page given a number. Then, a description of each element (identified by the same number) is given, along with an explanation (with a definition and/or description) as to what attribute should be entered for that element.

Criteria for a Crash to be Reportable

The **DR3447** is used to formally report only specific traffic crash events. This is not to say that agencies will not respond to other types of crashes. However, different (agency-specific) forms will be used in those cases.

If the answer to <u>any</u> of the following questions is "Yes", then the crash is reportable (i.e. A DR3447 crash report is required to be filled out and submitted to the Department of Revenue):

- Was anybody injured[1] or killed because of the crash?

- Did any of the drivers not have insurance?

- Did any of the drivers specifically request that a report be completed?

- Did any of the vehicles involved incur $1,000 or more in damage[2] to all involved parties (including any lost, damaged, or spilled loads) as a result of the crash?

- Was alcohol or drugs (including marijuana) suspected of being involved in the crash?

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[1] Note: A complaint of pain, classification 01 Possible Injury, is not classified as an injury for the purposes of this criteria.

[2] The $1000 threshold can be met with relatively minor damage. If there is visible damage on any of the vehicles (or attached trailers) due to the crash, then it may well exceed $1000.

Examples of <u>reportable</u> crashes

The following are examples of crashes that should be reported to the DOR on the DR3447 form:

- A collision between a motor vehicle in transport in the trafficway and any of the following:

  - ➢ A bicycle: The bicyclist in this case is both a vehicle (by state statute) and a traffic unit.

  - ➢ An ATV: The ATV rider in this case is not a vehicle (by state statute), but is a traffic unit, and should be listed as a non-motorist.

  - ➢ A snowmobile (driven on a trafficway): The snowmobile rider in this case is not a vehicle (by state statute), but is a traffic unit, and should be listed as a non-motorist.

  - ➢ A pedestrian on a personal conveyance. The personal conveyance rider in this case is not a vehicle (by state statute), but is a traffic unit, and should be listed as a non-motorist (pedestrian).

  - ➢ A pedestrian walking across the trafficway outside of a marked crosswalk: The pedestrian in this case is not a vehicle (by state statute), but is a traffic unit, and should be listed as a non-motorist (pedestrian)

  - ➢ A scooter with an engine over 49 cc: The scooter in this case is both a vehicle (by state statute) and a traffic unit.

  - ➢ A scooter with an engine 49 cc or less: The scooter in this case is not a vehicle (by state statute), but is a traffic unit, and should be listed as a non-motorist.

- A motor vehicle experiences tire failure and subsequently runs off the road and collides with a sign.

- Damage or injury resulting from a vehicle spilling its load, including rocks dropped off the back of an aggregate hauler that causes damage to the vehicle behind it, or treads causing damage to another vehicle during the process of a tire separation.

Exclusions

The following criteria indicate that the crash is NOT reportable:

- **Cataclysms:** The crash is not reportable if it resulted from an avalanche, earthquake, flood, landslide, falling rock, lightning, hail, tidal wave, tornado, or forest fire.

- **No motor vehicle in transport:** A crash is not reportable if it does not include a motor vehicle in transport. A motor vehicle in transport means that the vehicle is either in motion or stopped with the motor running.

- **Intent:** A crash is not reportable if it occurs as a result of an intentional action such as a criminal act or a suicide attempt, or an intentional (e.g. "Tactical Vehicle Intervention" or TVI/"Pursuit Intervention Technique" or PIT) maneuver by an officer.

- **Private property:** A crash is not reportable if it took place entirely on private property, such as a driveway, parking lot, parking garage, or on a private road in a trailer park or subdivision. A sidewalk maintained by a public entity such as a city roads department is not considered to be private property.

- **Road debris:** A crash is not reportable where there is only minor cosmetic (for example, damage by rocks that kicked up by tires).

Examples of <u>non-reportable</u> crashes:

- Crashes involving the following, but **NOT** involving a motor vehicle in transport regardless of injury or fatality:

    - ➢ A bicycle crash, even if it occurred on a trafficway,

    - ➢ A crash involving an ATV, driven on a trafficway,

    - ➢ A crash involving a snowmobile,

    - ➢ A crash involving a scooter under 49 cc.

- A cyclist collides with a parked vehicle.

- A crash involving an All-Terrain Vehicle (ATV)[3] driven off-road, regardless of injury or fatality.

- A crash involving a snowmobile[4], driven off-road, regardless of injury or fatality.

- A collision (even involving a motor vehicle) on a restricted airfield, such as DIA.

- A motor vehicle, driven off-road (i.e. not on a public right of way), collides with another vehicle.

- A rock falling from a mountain into traffic that strikes an oncoming vehicle.

- A motor vehicle sustains damage due to breaking an axle, blowing a tire, or separating a tread.

- A law enforcement officer performs a "pit maneuver" that results in the perpetrator's vehicle crashing.

- A person commits suicide (or attempts to commit suicide) using a motor vehicle.

Guidance Regarding Intent

Regarding the "pit maneuver" or suicide (or attempted suicide), these are examples that begin as a deliberate, intended action. Any chain of events that begins as a deliberate action remains so until a break in the chain of causation occurs. Even if that unbroken chain of events results in an injury, fatality,

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[3] Non-reportable crashes involving an ATV should be reported on the Colorado State Parks Off-Highway Vehicle (OHV) Crash Report form.
[4] Ditto for snowmobiles.

or involves another "innocent bystander" party, the crash remains non-reportable with respect to the DR3447 and the DOR.

Nonetheless, any injury or property damage should be reported on an agency's General Offense report. Scene investigation remains the same with photos taken, measurements taken, etc.

If, however, a follow-on event occurs after the units involved have come to rest or control is regained, even if only seconds later, that follow-on event would be a reportable crash if the basic criteria from above is met.

For those events that are suspected to be a suicide but cannot be proven can be defaulted to a crash report. If there were any subsequent damage or injury of another vehicle or person, or property, then it would be considered a reportable crash. The intentional act is not a crash, but collateral damage would make it a reportable crash.

NOTE: In the event of a non-reportable crash, the crash report does not need to be (and should not be) submitted to the DOR. If by law a report needs to be completed, use an agency-specific report. Do not submit this report to Department of Revenue.

To determine which crashes are reportable, and which are not, the National Safety Council has produced an American National Standard for reference. The latest version of the ANSI Standard (*Manual on Classification of Motor Vehicle Traffic Accidents)* can be found on the NHTSA website. The most recent version can be downloaded from:

ftp://ftp.nhtsa.dot.gov/fars/FARS-DOC/ANSI-D16.1-2007. Manual-On-Classification-of-Motor-Vehicle-Traffic-Accidents.pdf

If it is not clear whether an incident qualifies as a reportable crash, and no other guidance is available, it is recommended that the incident be treated as a reportable crash and investigated as a crash on the DR3447. This crash report will be evaluated by traffic engineering coding experts at the Colorado Department of Transportation and the determination will be made if the crash is reportable at that time.

Entering A Person's Name

On the form, for drivers, vehicle owners, damaged property owners, and non-motorists, the names are to be entered in a structured format. The name should be entered in three components, and following the rules regarding the characters that can be entered:

- First Name

  ➢ Apostrophes (') are **NOT** accepted

  ➢ Hyphens **ARE** accepted

- Middle Initial

  ➢ If the person has more than one middle name, enter both initials.

- Last Name

➢ Apostrophes (') are **NOT** accepted

➢ Hyphens **ARE** accepted

NOTE: For other name fields, such as officer name, approving supervisor name, and vehicle occupant name, the above structure need not be followed.

Examples

Note: In the examples, quotes are shown only to clarify the string to enter: They should not be entered.

- The last name O'Connor must be entered as" OConnor".

- A hyphenated last name such as Rodriguez-Sanchez can be entered as "Rodriguez-Sanchez".

- Boutrous Boutrous-Ghali (the deceased UN General secretary) would therefore be entered as "Boutrous" in the first name field, and "Boutrous-Ghali in the last name field.

- If the family name is not the last name (such as with many oriental cultures). For example, with the name Chou Ri-Jen, Chou is actually the family name, and Ri-Jen are the given names. In this case, enter "Ri-Jen" as the first name field, and "Chou" as the last name field.

- In some cultures, family names can have multiple components without hyphens (e.g. Lopez Martinez). In this example, enter "Lopez Martinez" in the last name field.

- Some cultures have very long names. An example would be Muhammad bin Ameen Abu Kareem al-Farsi. In this example, enter "Muhammad" in the first name field, and "bin Ameen Abu Kareem al-Farsi" in the last name field.

A driver is the person who is in actual physical control at the time of the crash.

The investigating officer should confirm name, address, and age of involved parties by asking them. Do not rely solely on the information given on a driver's license or registration.

What Constitutes a Crash Fatality?

A fatality occurs when a person[5] dies within 30 days of the crash date as a result of injuries sustained in the crash. Every state receiving federal highway funds has federal reporting requirements to provide detailed information regarding fatal crashes and each fatality involved to the National Highway Traffic Safety Administration (NHTSA) Fatal Analysis Reporting System (FARS) in order to maintain this funding. NHTSA requires additional data above and beyond that collected on other crashes for the reporting of fatal crashes to the FARS system.

Examples of what constitutes a crash fatality:

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[5] A person is any living human. Within the context of a crash report, a fetus is considered to be part of a pregnant woman rather than a separate individual.

- A person is dead at the scene due to injuries sustained because of the crash.

- A person dies in a hospital (or even at home) due to injuries sustained because of the crash, within 30 days of the crash.

Examples of what DOES NOT constitute a crash fatality:

- If a person dies from a disease or complications while in the hospital following the crash. A follow-on death is not considered a crash-related fatality.

- A still-birth after the crash. A person must be born prior to the crash to be classified as a fatality.

- A person dies in a hospital due to injuries sustained because of the crash, 31 days of after the crash. The time limit to be considered a crash fatality is within 30 days of the crash.

- An individual survives the crash but wanders in cold weather to find help and dies of hypothermia. Fatal injuries must be caused by the crash, not other causes. A follow-on death is not considered a crash-related fatality.

- A person who has a heart attack while behind the wheel and dies of non-crash related injuries. Death must be due to crash-related injuries. Other causes of death while an individual is driving are not considered crash-related fatalities.

- A person is involved in a crash which results in the vehicle falling into a river. The person climbs from the vehicle but is swept away by the current and drowns.

Fatal-Only Section of the Form

Several sections of the DR3447 crash form need only be filled out in the event of a fatality. On the form, these sections will be outlined by a wide black border, with directions given as white text within the border. An example of such a section is shown below.

TO BE FILLED OUT ONLY IN THE EVENT OF A FATALITY		
EMERGENCY MEDICAL SERVICES (Record all time using 24 Hr. time)		**TRAFFIC CONTROL DEVICE FUNCTIONING**
Time Notified	Time Arrived @ Scene Time Arrived @ Hospital	01. No Controls 04. Functioning Properly 02. Not Functioning 06. Not Visible 03. Functioning Improperly 05. Unknown
If times are unknown provide name of responding services:		

Fatal-Only Section of the Manual

Sections of this manual that pertain to such "fatal only" elements will be highlighted with wide vertical bars as added here.

These sections must be completed whenever a crash involves a fatality, defined as when a person* dies within 30 days of the crash date as a result of injuries sustained in the crash. Any crash involving a delayed death must be amended to provide the required fatality data for each fatality involved in the crash, and resubmitted to DOR for NHTSA FARS coding.

Fatal Blotter

The FARS program requires crash fatalities to be reported to NHTSA within 24 hours. Since these deaths must be reported before the crash investigation can reasonably be completed, fatality data must be reported in the Colorado Fatal Crash Early Notification Report, or **Blotter**. Once this blotter has been filled out, it should be submitted via email to the CDOT FARS Program email addresses listed at the bottom of the blotter page.

The most recent blotter form is downloadable at the following URL as a Microsoft Word document file:

https://www.codot.gov/library/traffic/safety-crash-data/fatal-crash-data-city-county/Fatal_Blotter_Template.doc/view

NOTE: Any reportable traffic crash fatality (as per the criteria above) must be reported immediately via the **Blotter** submittal.

What Constitutes a Serious Injury

More detailed information regarding crashes involving serious injuries is necessary because:

- The number of these crashes are increasing as safety features on newer vehicles prevent outright fatalities;

- There is oftentimes a fine line between a person being killed or seriously injured in a traffic crash, and

- Serious injury crashes result in extreme hardship to the person involved as well as his/her family, employer, and friends.

Thus, there is more and more emphasis on performance measures covering both fatal and serious injury crash counts for both traffic safety engineering and enforcement efforts.

The federal requirements have recently evolved, and the State will soon be required to a) report progress in reducing fatal and serious injuries (and rates), and b) align with the national definition of serious injury as per MMUCC. With that in mind, the injury severity definitions have been changed in the DR3447. Also, some fields of the person-related data are to be filled out for either a fatality **or** a serious injury.

Serious Injury/Fatal-Only Section of the Form

The portion of the overlay covering those fields is highlighted with a wide grey border, as shown below. These sections must be completed whenever a crash involves a serious injury or suspected serious injury.

EMS Trip #	Taken To

Serious Injury/Fatal-Only Section of the Manual

In this manual, the sections relative to that portion of the form is highlighted with the grey vertical bars as shown here.

The definition of a suspected serious injury crash is when the most severe injury incurred by any person involved in the crash meets the criteria of 03. Suspected Serious Injury.

In general, what Law Enforcement officials often refer to as a Serious Bodily Injury (or SBI) would essentially refers to an injury that would meet the criteria for being a Serious Injury.

In general, what Law Enforcement officials often refer to as a Serious Bodily Injury (or SBI) refers injuries defined in CRS 18-8-901(3)(p):

"Serious Bodily Injury" means bodily injury which, either at the time of the actual injury or at a later time, involves a substantial risk of death, a substantial risk of serious permanent disfigurement, a substantial risk of protracted loss or impairment of the function of any part of or organ of the body, or breaks, fractures, or burns of the second or third degree. In most cases, medical personnel will make the determination based on their expert opinion regarding whether one or more injuries to an individual involved in a crash constitute serious bodily injuries. For example, the Colorado State Patrol records medical opinions regarding the presence of a serious bodily injury on an internal agency form for inclusion in the crash case file as opposed to directly making the determination as to whether a serious bodily injury was present in the crash

That definition also aligns with the MMUCC definition for a Suspected Serious Injury:

Suspected Serious Injury (A): A suspected serious injury is any injury other than fatal which results in one or more of the following types of injuries:

- Severe laceration resulting in exposure of underlying tissues/muscle/organs or resulting in significant loss of blood

- Broken or distorted extremity (arm or leg)

- Crush injuries

- Suspected skull, chest or abdominal injury other than bruises or minor lacerations

- Significant burns (second and third degree burns over 10% or more of the body)

- Unconsciousness when taken from the crash scene

- Paralysis

Note: A diagram must be completed for any crash involving a serious injury or suspected serious injury.

TRAFFIC CRASH REPORT INSTRUCTIONS

Overview of the DR3447 Crash Form

Components of the DR3447 form:

- MAIN CRASH REPORT PAGE (Page A)

- NARRATIVE/DIAGRAM (Page B)

- MOTORIZED TRAFFIC UNIT/OCCUPANT (Page C)

- TRAFFIC UNIT/GENERAL VEHICLE AND CMV (Page D)

- TRAFFIC UNIT/NON-MOTORIST (Page E)

- ADDITIONAL MOTOR VEHICLE OCCUPANTS (Optional Supplement A)

- ADDITIONAL DAMAGED PROPERTIES (Optional Supplement B)

- INVOLVED PERSON OVERLAY (Overlay A)

The DR3447 Crash Report Package

Officer notes or agency-generated supplemental documents are not covered by this document and should not be submitted to the Department of Revenue.

Any additional pages should be stapled securely to the **DR3447** before it is submitted to the Department of Revenue. When sequencing the pages, the following order should be used:

- The first page is always the MAIN CRASH REPORT PAGE (Page A)

- The second page is always the NARRATIVE/DIAGRAM (Page B)

- The appropriate Traffic Unit pages follow in order of their Traffic Unit #:

    ➢ MOTORIZED TRAFFIC UNIT/OCCUPANT (Page C) and TRAFFIC UNIT/GENERAL VEHICLE AND CMV (Page D) and/or

    ➢ TRAFFIC UNIT/NON-MOTORIST (Page E).

- If an ADDITIONAL MOTOR VEHICLE OCCUPANTS (Optional Supplement A) is needed, that goes next.

- If an ADDITIONAL DAMAGED PROPERTIES (Optional Supplement B) is needed, that goes next.

- Any agency generated supplements or officer notes go last.

NOTE: Do not attach INVOLVED PERSON OVERLAY (Overlay A) to the crash report package submitted to the DOR.

All the DR3447 pages must be numbered sequentially, starting with 1 for the Crash Page, 2 for the Narrative/Diagram page, 3 for the most at-fault Traffic Unit page (Vehicle or Non-Motorist), and so on through the rest remaining of the DR3447 pages. Each individual page number should be entered instead of the **X** in the field as shown:

Page _**X**_ of ___ Pages

The total number of pages should be added in the appropriate place on all pages of the report replacing the **T** in the *Page of Pages* field as below:

Page X of _**T**_ Pages

Examples

- A crash involves a pickup, an SUV, and a bicyclist. The driver of the pickup rear-ended the SUV, which then swerved into a bicyclist. The crash report package for this event would be made up of the following pages (with their page references):

  1. MAIN CRASH REPORT PAGE (Page A)

  2. NARRATIVE/DIAGRAM (Page B)

  3. MOTORIZED TRAFFIC UNIT/OCCUPANT (Page C) for the pickup (the most-at-fault vehicle)

  4. TRAFFIC UNIT/GENERAL VEHICLE AND CMV (Page D) for the pickup

  5. MOTORIZED TRAFFIC UNIT/OCCUPANT (Page C) for the SUV

  6. TRAFFIC UNIT/GENERAL VEHICLE AND CMV (Page D) for the SUV

  7. TRAFFIC UNIT/NON-MOTORIST (Page E) for the bicyclist

Manual Conventions

The term *field* is the term used to refer to a piece of data that is to be collected. (The national standard – the Minimum Model of Uniform Crash Coding, or MMUCC – calls it a "data element".)

The type of data entered into each field can be:

- *Text* such as a name, license plate number, etc.

- *Number*, typically a count, such as the number of vehicles involved.

- *Code*, used to indicate a selection from a list, such as the examples below. The code is generally two digits (often with a leading zero), but may also be a letter (used for occupant protection equipment; such as seat belts and air bags).

- **Select a code**, meaning to enter the code corresponding with the appropriate item on the list into the code box.

- **Enter an "X" or "✓"**, used for check boxes, though any mark that indicates that check box has been selected – such as a check or even filling in the box – is sufficient.

- **Enter**, generally means to enter the appropriate text (letters and/or numbers) into a text field.

The following example list of letter codes applies to field **F1-Safety Equipment – Available MOTORIZED TRAFFIC UNIT/OCCUPANT (Page C)**.

Table 1: Example list of letter codes

Code (Letter)	Selection
A	None
B	Shoulder and Lap Belt
C	Shoulder belt only
D	Lap belt only
H	Child Restraint - Forward Facing
I	Child Restraint - Rear Facing
J	Child Restraint - Type Unknown
K	Booster Seat
F	Not Applicable

NOTE: In the above table, the codes are not in order, because of the following conventions:

- When a code has been deleted (e.g. E-Child Safety Restraint, which was expanded to distinguish between rear facing and forward facing), that code was not reused.

- When new codes were added, the existing codes were not reassigned.

- In general, the codes for not applicable, other, or unknown (when included) are placed at the end of the list.

The following example list of digit codes applies to **field F2-Safety Equipment Used (Motorized Traffic Unit/Occupants (Page C)**.

Table 2: Example list of 2-digit codes

Code (2-digit)	Selection
00	Not used
01	Properly used
02	Improperly used
03	Unknown

Form Field Numbering

For the purposes of this document, in order to clearly identify the portion of the form being described, the fields are identified as follows, preceded with the word "**Field**", with a number that matches the number that corresponds to the field on the sample page of the form, and with the name of the field (as it appears on the form):

Field 1: Example Field to be Entered

Traffic Unit Number

A Traffic Unit/Vehicle page shall be filled out for each vehicle involved in the crash, and the appropriate Traffic Unit # assigned to that page. A traffic unit is a motor vehicle or a non-motorist involved in the circumstances of a traffic crash. Traffic units are numbered sequentially, starting with 1.

A Traffic Unit/Non-Motorist page shall be filled out for each non-motorist involved in the crash, and the appropriate Traffic Unit # assigned to that page

Traffic Unit #1 should be assigned to either the non-motorist or the vehicle whose driver is cited (or could have been cited) for a motor vehicle law violation that contributed to the crash. A drunk bicyclist or a pedestrian not in a crosswalk would be examples of an at-fault non-motorist.

If more than one driver is cited for a violation that contributed in some way to the crash, either party may be listed in this field. If nobody is cited or could have been cited as a result of the crash, either party may be listed in this field.

Enter the appropriate Traffic Unit # on all Traffic Unit/Vehicle and Traffic Unit/Non-Motorist pages that make up the crash report. Use each Traffic Unit # for only one page per crash report.

Example

For example, a sedan collides with a pedestrian who is legally crossing in a crosswalk, and then collides with a pickup that is parked at the curb.

- The sedan would be Traffic Unit #1: A MOTORIZED TRAFFIC UNIT/OCCUPANT (Page C) and a TRAFFIC UNIT/GENERAL VEHICLE AND CMV (Page D) would be filled out for the sedan, and those pages would be tagged as TU#1.

- The pedestrian would be Traffic Unit #2: A TRAFFIC UNIT/NON-MOTORIST (Page E) would be filled out for the pedestrian, and would be tagged with TU#2.

- The pickup would be Traffic Unit #3: A MOTORIZED TRAFFIC UNIT/OCCUPANT (Page C) and a TRAFFIC UNIT/GENERAL VEHICLE AND CMV (Page D) would be filled out for the pickup, and those pages would be tagged as TU#3.

MAIN CRASH REPORT PAGE (Page A)

This page is for information regarding the overall crash.

In a DR3447 package, there will be one and only one copy of this page, and it will always be the first page.

Figure 1: DR3447 Page A – With Reference Numbers

DR 3447 (11/09/18)
COLORADO DEPARTMENT OF REVENUE
Division of Motor Vehicles
Colorado.gov/Revenue

MAIL TO: STATE OF COLORADO
MOTOR VEHICLE
TRAFFIC RECORDS
DENVER, CO 80261-0016

STATE OF COLORADO TRAFFIC CRASH REPORT

☐ AMENDED/SUPPL. 5 ☐ COUNTER REPORT 6 ☐ PRIVATE PROPERTY 7 ☐ PUBLIC LAND 8   1 PAGE _1_ OF ___ PAGES

Case # 2	Agency ORI 3	[barcode]	Agency Name 4

Date of Report (MM/DD/YYYY) 9	Date of Crash (MM/DD/YYYY) 10	Time of Crash (24 Hour)	Officer Name 14	Officer Number 15

Date Arrived	Date Roadway Cleared	Date Last Responder Left	Signature 16	Detail 17
11	12	13		

Time Arrived	Time Roadway Cleared	Time Last Responder Left	Agency Code 18	Investigated at Scene 19 ☐	District Number 20

Number Killed 21	Number injured 22	Total Vehicles 23	Total Non-Motorists 24	Juvenile(s) 25 Involved ☐	Secondary 26 Crash ☐	Construction 27 Zone Related ☐	School 28 Zone ☐

Latitude 29 _ _ . _ _ _ _ _ _ °N	Longitude - _ _ _ . _ _ _ _ _ _ °W	County 30	City 31

On Road/Street: 32	Intersection Offset Distance Unit 34	01. Miles 02. Feet 03. At the Intersection

Reference Intersecting Road/Street: 33	Intersection Offset Distance	Offset Direction N☐ S☐ E☐ W☐

HWY NUMBER 35	MILEPOINT 36	Milepoint Offset Distance Unit 41	01. Miles 02. Feet 03. At the Milepoint

☐ INTERSTATE HWY 37 ☐ STATE HWY 38 ☐ CITY ST/CNTY RD 39
☐ OTHER RDWY 40

Milepoint Offset Distance	Offset Direction N☐ S☐ E☐ W☐

LOCATION	01. On Roadway 02. Ran Off Left Side 03. Ran Off Right Side	04. Ran Off 'T' Intersection 42 05. Vehicle Crossed Center Median Into Opposing Lanes	06. On Private Property 07. Center Median/Island	Number of Lanes Blocked 43	LANE POSITION 44

HARMFUL EVENT SEQUENCE 1st ☐ 2nd ☐ 3rd ☐ 4th ☐   **Most Harmful Event** 46

45			
NON-COLLISION CRASH	08. Front to Side	47. Electrical/Utility Box	46. Ground
01. Overturning/Rollover	09. Rear to Side	21. Sign	29. Curb
44. Immersion, Full or Partial	10. Rear to Rear	41. Guardrail Face	30. Delineator/Milepost
45. Fell from Motor Vehicle	11. Side to Side-Same Direction	42. Guardrail End	31. Fence
02. Other Non-Collision	12. Side to Side-Opposite Direction	23. Cable Rail	32. Tree
COLLISION WITH NON-MOTORIST	*COLLISION WITH OTHER VEHICLE*	24. Concrete Highway Barrier	33. Large Rocks or Boulder
03. School Age To/From School	13. Parked Motor Vehicle	48. Overhead Structure (Bridge)	34. Railroad Crossing Equipment
05. Pedestrian	*COLLISION WITH ANIMAL*	49. Overhead Structure (Not Bridge)	35. Barricade
15. Bicycle/Motorized Bicycle	17. Domestic Animal	50. Bridge Structure (Not Overhead)	36. Wall or Building
COLLISION WITH MOTOR VEHICLE IN TRANSPORT	26. Wild Animal	26. Vehicle Debris or Cargo	37. Crash Cushion/Traffic Barrel
06. Front to Front	*COLLISION WITH OBJECT*	27. Culvert or Headwall	38. Mailbox
07. Front to Rear	19. Light Pole/Utility Pole	28. Embankment	39. Other Fixed Object (Describe in Narrative)
	20. Traffic Signal Pole	43. Ditch	40. Other Non-Fixed Object (Describe in Narrative)

ROAD CONTOUR - CURVES ☐	01. Straight 02. Curve Left	03. Curve Right 04. Unknown 47	ROAD CONTOUR - GRADE ☐	01. Level 02. Uphill 03. Hill Crest	04. Downhill 05. Sag/Bottom 48 06. Unknown

APPROACH/OVERTAKING TURN ☐	01. Approach Turn 02. Overtaking Turn	03. Not Applicable 50	LIGHTING CONDITION ☐	01. Daylight 02. Dawn or Dusk	03. Dark-lighted 04. Dark-Unlighted 51

ROAD DESCRIPTION ☐	01. At Intersection 02. Driveway Access Related 03. Intersection Related 04. Non-Intersection	05. Crossover-Related 06. Roundabout 07. Parking Lot 49 08. Ramp	10. Ramp-related 11. Alley Related 12. Share-Use Path or Trail 13. Auxiliary Lane	14. Mid-Block Crosswalk 15. Express/Managed/HOV Lane

ROAD CONDITION ☐	01. Dry 02. Wet 03. Muddy 04. Snowy 52 05. Icy 06. Slushy 07. Foreign Material	08. Dry W/Visible Icy Road Treatment 09. Wet W/Visible Icy Road Treatment 10. Snowy W/Visible Icy Road Treatment 11. Icy W/Visible Icy Road Treatment 12. Slushy W/Visible Icy Road Treatment 13. Sand/Gravel 14. Roto-Milled	WEATHER CONDITION 1st ☐ 2nd ☐ 53	00. Clear 01. Rain 02. Sleet or Hail 03. Fog 04. Dust 05. Wind 06. Cloudy 07. Freezing Rain or Freezing Drizzle	08. Snow 09. Blowing Snow

TO BE FILLED OUT ONLY IN THE EVENT OF A FATALITY

EMERGENCY MEDICAL SERVICES (Record all time using 24 Hr. time)	TRAFFIC CONTROL DEVICE FUNCTIONING
Time Notified 54	Time Arrived @ Scene 55	Time Arrived @ Hospital 56	☐ 01. No Controls 02. Not Functioning 03. Functioning Improperly	04. Functioning Properly 06. Not Visible 05. Unknown 58

If times are unknown provide name of responding services: 57

Approved By 59	I.D. Number 60	Date 61

Header Fields

This section covers the common information that is at the top of all or most pages in the DR3447 form.

Field 1: Page 1 of ___ Pages

PAGE _1_ OF ___ PAGES

The crash report package should be assembled as per the instructions in the section on **The DR3447 Crash Report Package** on page 17 of this manual).

Once the package is complete, enter the total number of pages in the blank.

Business Rules

This page is always page one of the crash report package, and is always "paired" with Page B.

Field 2: Case Number

Case #

Follows the convention of the individual law enforcement agency that is originating the crash report. Must be unique for each crash. The only time a crash report from an agency should have the same case number as a previous report is for an amended report.

Electronic Reporting

- This field could be auto-populated with an automatically incrementing number.

Field 3: (Law Enforcement) Agency ORI

Change(s):

- New header field

Rationale:

- A unique identifier without the issue of "free text" (when entered as free text, the Agency Name results in a wide variety of spellings for the same agency).

Agency ORI

Enter the ORI (Originating Agency Identifier) code for the reporting officer's agency.

Guidance

- The ORI codes are from the official list (as managed by CBI).

- Some agencies may have more than one ORI to distinguish different sections within the agencies.

- NOTE: While Colorado State Patrol has more than one ORI for the different troops, an internal decision was made that CSP will use only one ORI for crash reports.

Electronic Reporting

- It is expected that this field (as well as the (Law Enforcement) Agency Name field) would be auto-populated based on the officer completing the report.

Field 4: (Law Enforcement) Agency Name

Agency Name

Enter the full name of the reporting agency, matching the "official name" of the agency on the ORI list.

Electronic Reporting

- It is expected that this field would be auto-populated based on the value entered as the Agency ORI.

Crash Type Check Boxes

Field 5: Amended/Supplemental Form Check Box

☐ AMENDED/SUPPL.

Mark this box (enter an "**X**" or ✔) if this is an amended report.

Note: In order to link an amended report to the original, the amended report the following two fields **must** match the original:

- The investigating agency's ORI

- The investigating agency's case report number

Together, these to items act as the unique identifier of the crash.

Guidance

Amendments are frequently made for the addition of fatalities, so all fatality information in association with the individual who is now deceased is required. All data that previously existed in the original report should be provided in addition to the additions with the amendment with fatalities:

- The Date of Report on an amended report must be the date the amended report is filed, not the date of the original report.

- A description of what information was added or corrected with this supplemental or amended report should be added to the narrative. If for no other reason, it might be helpful 5 to 10 years down the road when testifying in the civil trial to have a good explanation of what was changed and why. Such information will help made to make testimony easier: At the time of the change, the changes will make perfect sense but they may not be so clear years later, or to another reader.

- For similar reasons, the date the report was amended should also be included.

- Both the date and the reason for the amendment should be noted in the narrative for **each and every** amendment to the report. . If there are multiple amendments, consolidate all reasons for amendment on the report with the most recent report date.

Field 6: Counter Report Check Box

☐ **COUNTER REPORT**

Mark this box (enter an "**X**" or ✔) if the crash is not investigated by a law enforcement agency and the **DR3447** is completed by one or more of the parties of interest (drivers or property/vehicle owners).

This is most commonly used during "Crash/Accident Alert" conditions, which are issued by a law enforcement agency when conditions (typically weather events) overwhelm agency resources to respond to a crash in a reasonable amount of time.

If an officer takes information and completes a report, it is not a counter report. However, some agencies will enter an officer's name and badge number on a counter report for data entry purposes. This is still considered a counter report and this box should be checked.

If an officer at a station takes information from involved parties at a police facility, that is considered a "Counter Report" since no scene investigation is going to be made, and the officer generally doesn't write a citation in this circumstance. The officer taking the report is typically performing a courtesy for the parties who have come to the station to report the crash, who cannot make the report on-line, and who prefer not to complete a handwritten paper report. Sometimes the officer or clerk is simply transcribing the information given by the reporting party as a courtesy.

A "Counter Report" includes any report completed by one or more of the parties of interest (drivers or property/vehicle owners), on line or on paper, or any report entered by an officer or report taker at a police facility, in person or by telephone, as a courtesy for the reporting party and there is neither an expectation of a crash investigation nor issuance of a citation.

NOTE: Counter reports may also be filed online using the following link:

https://www.colorado.gov/pacific/csp/crash-information

Field 7: Private Property Check Box

☐ **PRIVATE PROPERTY**

Mark this box (enter an "**X**" or ✔) if a crash occurs and is entirely contained within a location that is considered private property.

- Crashes that begin on a public trafficway and end within a location that is considered private property are NOT private property crashes and this box should not be checked.

- *Regardless of the first harmful event, when a crash involves a public roadway or highway (i.e., ran off the road on to private property), the crash is not to be considered a private property crash and the report must be completed per the general report instructions.*

- Crashes involving pedestrians with a point of impact on a publicly maintained sidewalk are NOT private property crashes, and this box should not be checked.

Private property is property that is not included in the trafficway. Since private property is not maintained or regulated by state or local transportation departments, do not submit private property crash reports to DOR. Private property includes gated communities and other subdivisions that maintain their own roadways. Private property crash reports are to be kept at the local level for individual agency use.

Figure 2: Trafficway Diagram
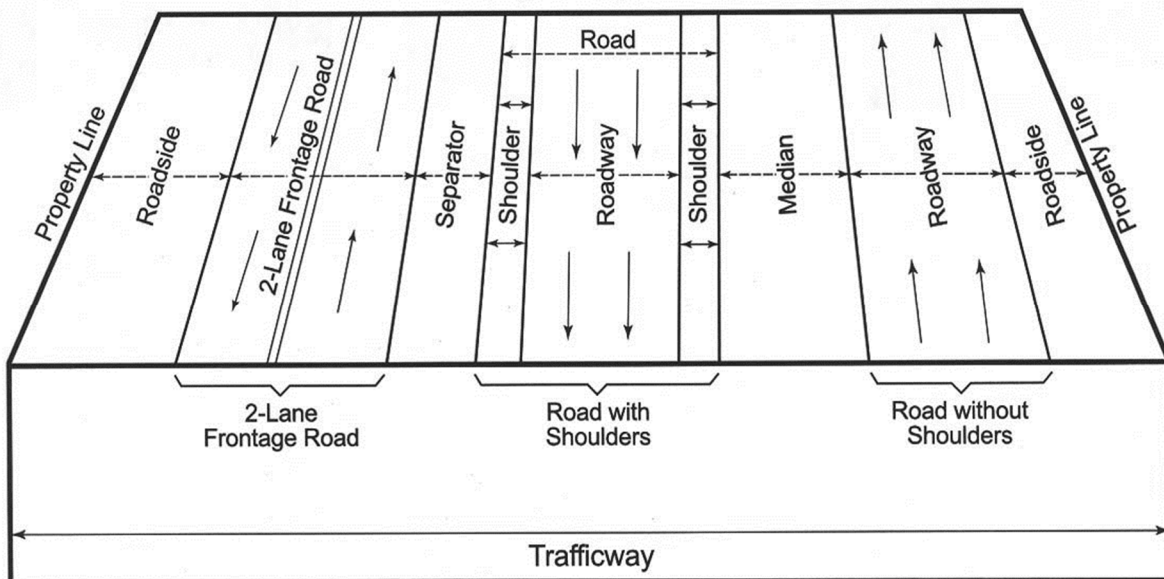
Reporting private property crashes will be determined by individual agencies. In the case of a fatal crash taking place on private property, a Blotter must be filled out and submitted to the Colorado FARS program, even if the crash takes place on private property and is therefore not countable.

Field 8: Public Land Check Box

Change(s):

- New

☐ **PUBLIC LAND**

Mark this box (enter an "**X**" or ✔) if a crash occurs within a location that is considered public land, such as BLM (Bureau of Land Management), National Forest, National or State Parks.

Guidance

NOTE: Crashes that do not begin on, end on, or otherwise involve a trafficway even if the crash occurs on public land, are NOT reportable crashes.

Crash Date/Time Fields

Field 9: Date of Report

Date of Report (MM/DD/YYYY)

Enter the date on which the investigating officer completed the report. If this is an amended or supplemental report, enter the date that the new report was completed.

Use the format **MM/DD/YYYY** to fill in this field. ***Example:*** *05/08/2018*

- It is expected that this field would be auto-populated, based on the date at which the crash report is submitted by the officer.

Field 10: Date and Time of Crash

Date of Crash (MM/DD/YYYY)	Time of Crash (24 Hour)

Enter the date and time at which the traffic crash occurred. This may differ from the date and time of the report. If the date and time of the traffic crash is unknown, enter the date and time the crash was discovered. If a discovered date and time is used instead of an actual, that should be noted in the narrative.

Guidance

- If crash investigation determines a likely date and time of crash, note the investigator's determined date and time in the crash narrative.

- Unless the date and time of crash is known <u>with certainty</u>, enter the date and time of discovery in this field of the crash as the date and time.

Enter the date using the format MM/DD/YYYY to fill in this field.

Example: 05/08/2018

Enter the time using the 24-hour clock system. Do not use a colon.

Example: If a crash occurred at 2:43 PM, the time would be entered as "1443".

To convert standard time to the 24-hour clock system, simply add 12 to any hour past 1:00 p.m. For example, 1:00 p.m. equals 1300 military time (1:00+12:00=1300), similarly 10:05 p.m. equals 2205 military time (10:05+12:00=2205).

Midnight is entered as 0000 and noon is 1200.

If investigation of the crash results in an estimated time of crash, do NOT use this estimated crash time as the crash time. Note the estimated time of crash in the narrative, and use the discovered date and time of crash, also noting this in the narrative.

NOTE: The date and time entered here by the officer is considered approximate and may not be precise.

Field 11: Date and Time Arrived

Change(s):

- New

Rationale:

- To help reduce the impact of secondary crashes by identifying instances of high response time

Date Arrived
Time Arrived

Enter the date and time at which the investigating officer arrived on the scene. If appropriate, obtain the date and time from dispatch. Otherwise, estimate to the best of your ability. If no on-site investigation was performed, leave blank.

Enter the date using the format MM/DD/YYYY.

Enter the time using the 24-hour clock system. Do not use a colon.

NOTE: The date and time entered here by the officer is considered approximate and may not be precise.

Field 12: Date and Time Roadway Cleared

Change(s):

- New

Rationale:

- To identify locations where crashes with long clearance time occur frequently. When such locations are identified, corrective actions can be taken to help reduce the clearance time for those crashes.

Date Roadway Cleared
Time Roadway Cleared

Enter the date and time at which the roadway was considered cleared as per definition below.

Enter the date using the format MM/DD/YYYY.

Enter the time using the 24-hour clock system. Do not use a colon.

Definition

Cleared means when:

- All lanes of traffic are available for traffic are open and traffic is flowing, and

- All vehicles have been removed (from the roadway).

It is not necessary that all parties, including the investigating officer have left the scene for the roadway to be considered cleared.

NOTE: The date and time entered here by the officer is considered approximate and may not be precise.

Field 13: Date and Time Last Responder Left

Change(s):

- New

Date Last Responder Left
Time Last Responder Left

Enter the date and time at which the last responder left.

Enter the date using the format MM/DD/YYYY.

Enter the time using the 24-hour clock system. Do not use a colon.

Guidance

If the person filling out this form was not the last responder to leave the scene, then the date and time when the last responder left should be estimated.

NOTE: The date and time entered here by the officer is considered approximate and may not be precise.

Officer Fields

Field 14: Officer Name

Officer Name

Print the name of the investigating officer completing this report. Entering only the last name is acceptable.

Field 15: Officer Number

Officer Number

Enter the identification or badge number of the investigating officer completing this report.

Field 16: Signature

```
Signature
```

Enter the signature of the investigating officer completing this report.

Electronic Reporting

The signature field will not be loaded into the DR3447 repository at the DOR. Each law enforcement agency can implement the electronic signature however it is decided between the agency and their vendor.

Field 17: Detail

```
Detail
```

This field is available for use by each individual agency.

Ask your own agency contact for directions on how you should use this field for your agency.

Field 18: Agency Code

```
Agency Code
```

This field is available for use by each individual agency. It may be used to indicate a complaint number, or any other information the agency finds helpful for filing or identifying crash reports.

Ask your own agency contact for directions on how you should use this field for your agency.

Field 19: Investigated At Scene Check Box

```
Investigated
at Scene    ☐
```

Mark this box (enter an "**X**" or ✔) if the investigating officer responded to the scene of the crash. Leave this blank if the investigating officer did not respond.

If a crash is not investigated at the scene, no diagram is required. Cold, counter, and desk reports are usually not investigated at the scene.

Field 20: District Number

District Number

For individual agency use. Ask your own agency contact for directions on how you should use this field.

Summary Fields

Field 21: Number Killed

Number Killed

Enter the count of persons killed in the crash. If there were no fatalities, a numerical zero (0) must be entered. For any crash where number killed is more than 1, ensure the correct fatality fields are filled out throughout the DR3447 package.

Electronic Reporting

- It is expected that this field would be auto-populated, based on the number of persons (non-motorists or occupants) that have an injury classification of 04. Fatal Injury.

Field 22: Number Injured

Number Injured

Enter the count of persons exhibiting evident injury, where the entry in the in the injury severity (on the Traffic Unit/Vehicle, Traffic Unit/Non-Motorist, or Additional Occupants pages) is **02. Suspected Minor Injury** or **03. Suspected Serious Injury**. People killed (entered as **04. Fatal Injury**) should not be included in this count.

Injuries entered as **01. Possible Injury**, should not be included in this count[6]. If there were no evident injuries, a numerical zero (0) must be entered.

NOTE: See the injury severity definitions on page 117.

---

[6] While MMUCC (4th edition) calls for *Possible Injury* severities to be counted in this total, the *Possible Injury* severity is excluded from this count on the DR3447 to stay consistent with the method of counting that has been in place in Colorado since 2006.

Electronic Reporting

- It is expected that this field would be auto-populated, based on the number of persons (non-motorists or occupants) that have an injury classification of 02. Suspected Minor Injury or 03. Suspected Serious Injury.

Field 23: Total Vehicles

Total Vehicles

Enter the count of the total number of vehicles involved in the crash.

Electronic Reporting

- This field may be auto-populated, based on the number of Motorized Traffic Unit/Occupant pages that were completed for the crash.

Field 24: Total Non-Motorists

Change(s):

- New field

Rationale:

- Summary number to more easily identify crashes involving non-motorists, since there is a growing number of crashes involving vulnerable pedestrians and bicyclists.

Total Non-Motorists

Enter the count of the total number of non-motorists involved in the crash.

Guidance

See **Field 21: Non-Motorist Type** on page 157 for various types of non-motorists that need to be included.

Electronic Reporting

- This field may be auto-populated, based on the number of Traffic Unit/Non-Motorist pages that were completed.

Field 25: Juvenile(s) Involved Check Box

Change(s):

- New field

Rationale:

- To indicate that there is information in the crash report relative to a juvenile, in which case specific privacy laws apply

Juvenile(s) Involved ☐

Mark this box (enter an "**X**" or ✔) If one or more juveniles (under the age of 18) were involved in the crash,

Title 19 requires law enforcement records containing Juvenile information to be clearly marked as such. As crash forms fall under Title 19 requirements (a majority of the documents are created by a law enforcement agency) and thus must be marked appropriately prior to transmission to DOR.

Business rules

- This check box could be automatically checked based on the dates of births of the various involved parties. If any person's age is less than 18 years old (i.e. the current date minus the DOB is less than 18 years) for any of the individuals listed (on a Motorized Traffic Unit/Occupant page, a Traffic Unit/Non-Motorist page, or an Additional Occupants page), then this box can be checked automatically.

Field 26: Secondary Crash Check Box

Change(s):

- New

Rationale:

- To identify locations where secondary crashes (crashes that follow onto previous crashes or other repetitious incidents) occur frequently. When such locations are identified, corrective actions can be taken to help reduce those secondary crashes.

Secondary Crash ☐

Mark this box (enter an "**X**" or ✔) if the crash is considered a secondary crash.

Definition

A secondary collision is defined as a crash occurring within an incident scene area or within a traffic queue, including the opposite direction, resulting from an original incident.

The original incident does not have to be a collision; it could be a disabled motorist, vehicles on the side of the road, or any other unusual circumstance related to traffic backup or change in traffic flow as long as it played a role in distracting the driver or the causation in the collision. If the queue is normal, everyday occurrence without an original unplanned incident then a crash is not secondary.

Examples

The following crashes would be considered secondary crashes:

- A crash has occurred in the southbound lanes of I-25, and the traffic in the northbound lanes have slowed down as drivers look over at the activity. A fast-moving vehicle doesn't see the slow down and rear-ends a slower-moving vehicle at the tail end of the queue.

- Heavy snow is falling on a stretch of a two-lane highway causing vehicles to slow down. Upon reaching the beginning of a passing lane, one driver tries to pass the slower-moving vehicles, loses traction, and crosses into oncoming traffic.

- When slow-moving trucks are pulling out of a chaining station during a snowfall, and the differences in vehicle speeds contributes to a crash occurring.

Field 27: Construction Zone Related Check Box

```
Construction
Zone Related    ☐
```

Mark this box (enter an "**X**" or ✔) if the crash occurred in a construction zone.

A construction zone is defined as any location where roadwork (construction or maintenance, not to include plowing or mowing) is in progress or where traffic control devices (orange and black signs, barricades, or cones) designate a construction/work zone.

Note: There does not need to be any person working at the site for the area to be designated a construction zone.

Field 28: School Zone Check Box

Change(s):

- New

Rationale:

- To support studies of school transportation-related crashes.

```
School
Zone          ☐
```

Mark this box (enter an "**X**" or ✔) if the crash occurred in a school zone.

"School Zones" are zones near or at a school which exist during months and hours when zone signing is in effect. Flashing school zone speed limits or school zone sign may be present on the road that designates the edges of the school zones.

The Crash Location

Change(s):

- Intersection Offset (unit, distance, direction) and Milepoint Offset (unit, distance, direction) are separated to make it clearer to the officer which fields go together make up a set.

- Latitude and Longitude are clarified: expect decimal degrees, expect 5 significant digits (after the decimal point), and the N and W are added, and the minus sign for negative Longitude is added

- Added OTHER RDWY

Rationale:

- Location is a very important piece of crash data, and there have been many issues with crash location in the past.

The Crash Location is defined as *the location of the crash is where the First harmful event of the crash occurred*.

Noting the precise location of a crash is very important, as information is used to identify locations that warrant improvements (to the roadway, the intersection, etc.). Each year, millions of dollars are spent to improve roadway safety, and it is imperative that those improvements are made at the locations where they would have the most benefit in terms of crash reduction.

The goal is to geo-locate the crash. This means having a computer-understood location that allows computer processing to be performed on the crash data (e.g. to find hot spots).

Guidance

- There are three different methods that are available to you to specify the crash's location:

    ➢ GPS Coordinates (Lat/Long)

    ➢ Route and Milepoint, and appropriate offset

    ➢ Intersection, and appropriate offset

- In general, two different location methods are preferred in order to be certain that the crash is correctly geo-located.

- NOTE: Latitude/Longitude (Lat/Long) coordinates are the most highly desirable, as a GPS location is the most direct approach to geo-locating the crash. However, it is important to take care when entering the coordinates, as missing or swapped digits could locate the crash in the Pacific Ocean.

- If Lat/Long coordinates are not entered on the crash form, then it is imperative that either an intersection/offset location is entered, or a route/milepoint/offset location is entered. Otherwise, the crash cannot be properly geo-located for useful analysis.

Field 29: Latitude/Longitude

Change(s):

- Increased emphasis

- Showing the data format (decimal degrees) and the number of digits

Rationale:

- GPS (Lat/Long) coordinates are extremely useful to specifically identify where the crash occurred.

Latitude	Longitude
__ __ . __ __ __ __ __ °N	- __ __ __ . __ __ __ __ __ °W

The Latitude and Longitude are to be entered in a format called **decimal degrees**, meaning that the degrees are entered with 5 decimal points. The standard used is the WGS 84 Coordinate System (R2S5-86). **DO NOT USE Degrees Minutes Seconds**.

Examples

- The latitude and longitude of the intersection of US 287 (College Ave) and Horsetooth in Fort Collins is 40.53806 and -105.07683

- The latitude and longitude of the intersection of W Colfax Ave and Pierce St in Lakewood is 39.74031 and -105.07201

The GPS device used to identify the coordinates should be configured to use the WGS 84 Coordinate System (R2S5-86).

Field 30: County

County

Enter the name of the county of where the crash occurred. Use the name as given in Appendix A.

Field 31: City

```
City


```

Enter the appropriate city or town name if the crash occurred within incorporated limits.

Field 32: On Road/Street (Name)

Change(s):

- Emphasis on structured name entry

Rationale:

- Make it easier for analysts to geo-locate the crashes, which is critical to safety analyses

```
On Road/Street:


```

This field is the roadway name where the crash happened.

Guidance

- For a crash on a roadway segment, this is the name of the roadway.

- For a crash in an intersection, this is the name of the roadway on which Traffic Unit 1 was traveling before entering the intersection.

- If the roadway is a state highway, enter the highway number (e.g. CO 67)

- Otherwise enter the roadway name (e.g. GOLDEN GATE CANYON RD)

- The standard roadway name suffixes are shown below:

Table 3: Road Type Abbreviations

Suffix Type	Suffix Description
ALY	Alley
ALT	Alternate
AVE	Avenue
BLVD	Boulevard
BUS	Business
BYP	Bypass
CTR	Center
CIR	Circle
CLB	Club
CONN	Connector
CT	Court
CV	Cove
XING	Crossing
DR	Drive
EST	Estate
EXT	Extension
GLN	Glen
HTS	Heights
HWY	Highway
LN	Lane
LOOP	Loop
MDWS	Meadows
OVLK	Overlook
PARK	Park
PKWY	Parkway
PASS	Pass
PATH	Path
PL	Place
PLZ	Plaza
PT	Point
RAMP	Ramp
RD	Road
RTE	Route
ROW	Row
RUN	Run
SPUR	Spur
ST	Street

Suffix Type	Suffix Description
TER	Terrace
TRCE	Trace
TRL	Trail
TPKE	Turnpike
VIA	Viaduct
VW	View
WALK	Walk
WAY	Way

Electronic Entry

To help facilitate convergence on the spelling of roadway name suffixes, the above table can be used as a lookup table for the suffixes when building the roadway name. (Also preferred is the use of the eight cardinal direction abbreviations – N, NW, W, SW, S, SE, E, NE – for prefix or suffix directions.)

(Reference: US Postal Service Street Suffix Abbreviations, https://pe.usps.com/text/pub28/28apc_002.htm)

Field 33: Reference/Intersecting Road/Street (Name)

Reference Intersecting Road/Street:

For a crash <u>at</u> an intersection, this is the name of the cross-street of the intersection at which the crash occurred.

If the crash did not occur at an intersection, it is extremely helpful to identify the nearest reference intersection to help precisely locate the crash. In this case, enter the name of the cross-street of that nearest reference intersection.

In either case, for the <u>at</u> intersection or the <u>nearest reference</u> intersection, the On Road/Street Name and the Reference/Intersection Road Name together specify the intersection.

Guidance

Follow the same naming rules as described above for the "On" Roadway.

NOTE: There are rare cases, for example with loop drives, where there will be two different intersections with the same on & cross-street names. The GPS coordinates will distinguish between the two.

Field 34: Intersection Offset Unit/Distance/Direction

Change(s):

- Restructured the set of fields to a complete self-sufficient block

Intersection Offset Distance Unit			01. Miles 02. Feet 03. At the Intersection
Intersection Offset Distance	Offset Direction		N☐ S☐ E☐ W☐

For a crash that does not occur <u>at</u> an intersection, the Intersection Offset indicates the distance and direction from the nearest/reference intersection, which helps geo-locate the crash.

Guidance

NOTE: Certain ways of describing a location, such as "mid-block" addresses or utility pole numbers might be meaningful to some humans, they cannot be used to geo-locate a crash; they do not provide useful location information for safety analysis purposes and are thus considered unacceptable.

Invalid/unacceptable location information:

- 1st Street at light pole 187827

- 1st Street 200' west of the patch of weeds

- 1st Street at Joe's Feed and Grain

- 8301 N I-25 (there are no address on interstates)

- 1500 Block of East 10th Avenue

Good/useful location information includes

- 1st Street at Main Street

- 1st Street 200' south of Main Street

- 1st Street 0.10 miles south of Main Street

- I-25 at mile marker 100

- I-25 1000' north of Main Street

In a rural area, especially if the milepoint is not known (e.g. on county roads), "near an intersection" would mean within 2-5 miles, since that can help more precisely locate a crash than simply that it occurred somewhere on a 10-mile long road.

Intersection Offset

The three components of the Intersection Offset are:

- **Intersection Offset Unit**

  - ➢ This is the unit of distance, either F for Feet or M for Miles

  - ➢ If the distance is less than .5 miles or 2500 feet, feet would be preferred. For longer distances, miles would be preferred.

- **Intersection Offset Distance**

  - ➢ This is the numerical distance. Do not use fractions, but use decimals instead.

  - ➢ If the Offset Unit is F, then this would be the distance in feet. Please enter a whole number (no decimal points) for feet.

  - ➢ If the Offset Unit is M, then this would be the distance in miles. Precision to 2 decimal points is preferred.

     Example: 1¼ should be entered as 1.25

- **Intersection Offset Direction**

  - ➢ There are four check boxes to indicate the direction. Check the one or two boxes that indicate the direction.

  - ➢ To indicate that the crash occurred northwest of the intersection, check both the N and the W boxes.

Guidance

- If the crash occurred in an urban area, then an intersection offset location is highly desired (and must be entered if a Lat/Long location is not entered).

- The distance from the intersection should be measured from the **edge** of the intersection (as shown in the illustration below). Remember that anything located within the limits of the intersection, as illustrated in the glossary (Page 187) is considered **in** the intersection.

- If the crash occurred in the intersection, then 03 should be entered in the **Intersection Offset Distance Unit** field.

- The **Distance Direction** is determined in compass heading, not the direction of travel on the roadway.

- Location direction should not be confused with direction of travel. For crashes located south of an intersection with northbound N Broadway, the box should be checked for S.

- Locations that are not within the area within the prolongation of the lateral curb lines (or the lateral boundary lines) should not be coded "at the intersection"

- An alley/road location is not considered "at an intersection".

Electronic Entry

The selection between feet and miles, along with the appropriate conversion and rounding should be handled automatically.

Business Rules

- The user must not check both S and N, or both E and W. Only one N/S direction or one E/W direction is allowed.

Examples

In the illustration below, the crash location data for the location marked with **1** would entered as follows:

- On Road/Street: S Colorado Blvd

- Reference/Intersecting Roadway Name: E Arkansas Ave

- Intersection Offset Unit; F

- Intersection Offset Distance: 100

- Intersection Offset Direction: Only the N check box checked.

Figure 3: Illustration of an Example Intersection Offset
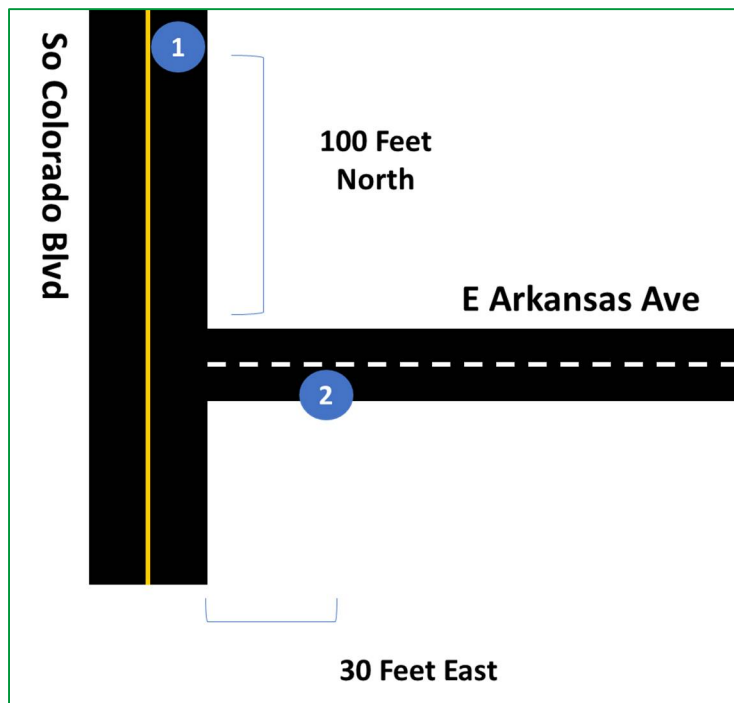
In the illustration above, the crash location data for a crash at the location marked with a **2** would entered as follows:

- On Road/Street: E Arkansas Ave

- Reference/Intersecting Roadway Name: S Colorado Blvd

- Intersection Offset Unit; F

- Intersection Offset Distance: 30

- Intersection Offset Direction: Only the E check box checked.

Guidance

If the crash occurred <u>within</u> the intersection, *or* if no Reference/Intersecting Roadway Name was given, then the three intersection offset fields (unit, direction, distance) should be left blank.

Field 35: Highway Number

HWY NUMBER

If the crash occurred on a state or interstate highway, outside of city limits, enter the three-digit highway number.

For interstate highways and state highways within city limits, enter the three-digit highway number from **Appendix F**, which cross references local street names to a state highway number. If a highway in your jurisdiction is not listed in **Appendix F**, but you know it is a "state road", list the highway number and milepoint in this field.

This information can also be accessed using the following web-sites:

https://www.codot.gov/library/traffic/safety-crash-data/accident-rates-books-coding/TCORIS_Coding.pdf

https://www.codot.gov/library/traffic/safety-crash-data/accident-rates-books-coding/InterchangeMaps-MilePoint.pdf/at_download/file

Example: A traffic crash occurring on Federal Boulevard north of W Colfax would be listed as 287 in these fields, and the State Highway box would be checked. "Federal Blvd" may be spelled out in the Roadway Name field if desired.

NOTE: For rural highways and county roads, officers can use both the milepoint and intersection offset. The Milepoint is the primary offset desired.

Field 36: Milepoint

```
MILEPOINT
```

Enter the milepoint (MP) up to two decimal places (100th of a mile) if available.

An example milepoint is 139.25.

The Roadway Check Boxes

Validation Rules

Only one of the roadway check boxes should be marked.

Field 37: Interstate Hwy Check Box

☐ INTERSTATE HWY

Mark this box (enter an "**X**" or ✔) if the road on which the crash occurred was an interstate highway.

Field 38: STATE HWY Check Box

☐ STATE HWY

Mark this box (enter an "**X**" or ✔) if the road on which the crash occurred was a state highway.

Field 39: CITY ST/CNTY RD Check Box

☐ CITY ST/CNTY RD

Mark this box (enter an "**X**" or ✔) if the road on which the crash occurred was a city or county road.

Field 40: OTHER (Public) RDWY Check Box

Change(s):

- New

Rationale:

- Added a missing checkbox to avoid confusion (for roadways that are not interstates, state highways, city streets/county roads).

☐ OTHER RDWY

Mark this box (enter an "**X**" or ✔) if the road on which the crash occurred on a roadway that is NOT an interstate highway. State highway, or city/county road.

Guidance

- This checkbox is for public roadways such as park service, forest service, or BLM roads.

- This check box should NOT be marked if the roadway on which the crash occurred is not public roadway. For example, roads in parking lot or private subdivision are not considered public roadways.

Field 41: Milepoint Offset Unit/Distance/Direction

Change(s):

- Restructured the set of fields to a complete self-sufficient block

Rationale:

- Make it clearer to the officer which fields should be filled to better locate a crash relative to a nearby milepoint marker.

Milepoint Offset Distance Unit			01. Miles 02. Feet 03. At the Milepoint
Milepoint Offset Distance			Offset Direction N ☐ S ☐ E ☐ W ☐

Enter the milepoint offset distance. If the offset distance is in miles, then use up to two decimal places (100th of a mile) if available. An example milepoint offset distance in miles is 1.25.

If the offset distance is in feet, then enter the distance in feet rounded to the nearest 10. An example milepoint offset distance in feet is 150.

Guidance

If the crash occurred in a rural area, then milepoint offset location is highly desired (and must be entered if a Lat/Long location is not entered).

- If the crash occurred at the entered milepoint, then no offset distance or direction need be entered.

- If the crash occurred some distance from the highway milepoint entered, then the offset distance and direction can be entered here.

- **Milepoint Offset Unit**

  ➢ This is the unit of distance, either F for Feet or M for Miles

  ➢ If the distance is less than .5 miles or 2500 feet, feet would be preferred. For longer distances, miles would be preferred.

- **Milepoint Offset Distance**

    ➢ This is the numerical distance. Do not use fractions; use decimals instead.

    ➢ If the Offset Unit is F, then this would be the distance in feet. Please enter a whole number (no decimal points) for feet.

    ➢ If the Offset Unit is M, then this would be the distance in miles. You should enter 2 decimal points.

    Example: ¾ would be entered as 0.75.

- **Milepoint Offset Direction – this is the direction**

    ➢ There are four check boxes to indicate the direction. Check the one or two boxes that indicate the direction.

    ➢ To indicate that the crash occurred northwest of the milepoint, check both the N and the W boxes.

- If the crash occurred at the milepoint that was entered, or if no milepoint was entered, then the above three milepoint offset (unit, direction, distance) fields should be left blank.

- NOTE: The offset direction is where the crash occurred relative to the milepoint entered. As shown in the example below, the crash occurred to the southwest of the milepoint 41, and thus the direction is SW (both S and W checked). **The milepoint offset direction is independent of the direction of travel on I-25 (north or south).**

Example

In the example below, the crash occurred at the location marked "Crash". This location is about 1.1 miles southwest of the milepoint 41 (at exit 41) on I-25. For this location, the Milepoint/Offset location would be entered as:

- Milepoint = 41.0

- Milepoint Offset Distance Unit = 01. Miles

- Milepoint Offset Distance = 1.1

- Milepoint Offset Direction – Both S and W would be checked.

Figure 4: Direction/Offset from a Milepoint
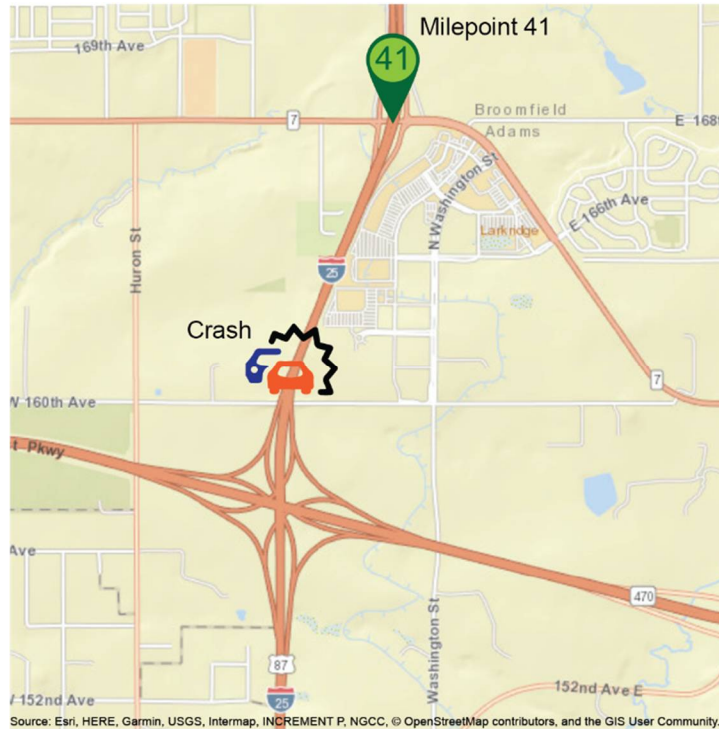
Business Rules

- If the crash occurred on a state or interstate highway (either the INTERSTATE HWY or the STATE HWY check boxes were selected) and outside of city limits (nothing entered in the City field), then a milepoint should be entered.

- The user must not check both S and N, or both E and W.

Electronic Reporting

- If "At the Milepoint" is selected, then the Milepoint Offset Distance and Milepoint Offset Direction checkboxes should be disabled.

Examples

Remember: An accurate crash location is of utmost importance. Please take the time to fill the location fields out.

If a crash occurs on a state highway **within** city limits, the report taker should enter data in the location fields as follows:

- General location fields completed

  - ➢ Field 30:County

➢ Field 31:City

- Preferred specific location field completed

  ➢ Field 29: Latitude/Longitude

- The "on" roadway fields completed

  ➢ Field 32: On Road/Street (Name) could be entered

  ➢ Field 38:STATE HWY Check Box

  ➢ Field 35:Highway Number

- For crashes at or near an intersection, complete the following (otherwise leave them blank)

  ➢ Field 33: Reference/Intersecting Road/Street (Name)

  ➢ Field 34: Intersection Offset Unit/Distance/Direction

- Leave blank:

  ➢ Field 37: Interstate Hwy Check Box

  ➢ Field 39: CITY ST/CNTY RD Check Box

  ➢ Field 40: OTHER (Public) RDWY Check Box

  ➢ Field 36: Milepoint

  ➢ Field 41: Milepoint Offset Unit/Distance/Direction

Example 2: A crash occurs on a state highway **<u>outside of</u>** city limits, the report taker should enter data in the location fields as follows:

- General location fields completed

  ➢ Field 30: County

  ➢ (Field 31: City would be left blank)

- Preferred specific location field completed

  ➢ Field 29: Latitude/Longitude

- The "on" roadway fields completed

  ➢ Field 32: On Road/Street (Name) could be entered

  ➢ Field 38: STATE HWY Check Box

  ➢ Field 35:Highway Number

- Complete the following regarding the milepost:

  - ➢ Field 36: Milepoint

  - ➢ Field 41: Milepoint Offset Unit/Distance/Direction

- If the crash occurred at or near an intersection, fill out the following (otherwise, leave them blank)

  - ➢ Field 33: Reference/Intersecting Road/Street (Name)

  - ➢ Field 34: Intersection Offset Unit/Distance/Direction

- Leave blank:

  - ➢ Field 37:Interstate Hwy Check Box

  - ➢ Field 39:CITY ST/CNTY RD Check Box

  - ➢ Field 40:OTHER (Public) RDWY Check Box

NOTE

Remember: The offset direction should not be confused with direction of travel, nor with the prefix direction of the roadway name. For example, if a crash occurred on a southbound lane of S Broadway, 500 feet north of W Iliff as in the map snippet below. The Direction of Travel is S (traveling on the southbound lane), but the Intersection Offset Direction is N (north of the intersection with Iliff).

Field 42: Location

Change(s):

- Added selection 07. Center Median/Island

LOCATION		01. On Roadway 02. Ran Off Left Side 03. Ran Off Right Side	04. Ran Off 'T' Intersection 05. Vehicle Crossed Center Median Into Opposing Lanes	06. On Private Property 07. Center Median/Island

Enter the code which best corresponds to the location of the crash with respect to roadways. Although there are several events involved in a crash, traffic crashes are located by the first **harmful** event.

Example: Vehicle #1 ran off the road on the right, overcorrected and ran off on the left where it hit a tree. No damage occurred where it ran off on the right. Enter **02. Ran Off Left Side**.

Guidance

- **Location**

    - ➢ If there are any conflicts or inadequate information, enter **01. On-roadway**.

    - ➢ Code **05. Vehicle Crossed Center Into Opposing Lanes** is only used if a vehicle crosses the median and enters the opposing lanes or roadway. A frontage road is a roadway set apart by a separator not a median and is not included in this definition.
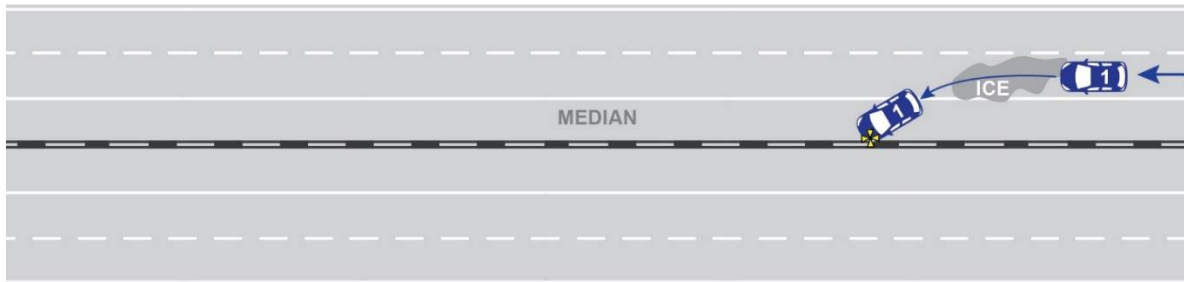
    - ➢ Code **06. On Private Property** is used only used if entirely contained within the boundaries of a private property. If a vehicle runs off a roadway onto private property (where damage occurs), this is a "run off road" crash (code 02 or 03).

    - ➢ Use the Glossary to assist you with classification when needed.

    - ➢ Refer to the illustrations on the following pages to identify locations and harmful events.

Examples

The following illustrations and explanations provide examples when each of the codes would be selected for the Location.

01. On Roadway
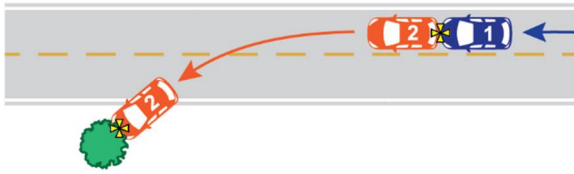
Example: Vehicle #1 and Vehicle #2 were traveling in the same direction in the right-hand lane. Vehicle #1 struck Vehicle #2 from behind, resulting in Vehicle #2 being run off of the road where it hit a tree.

02. Ran Off Left Side
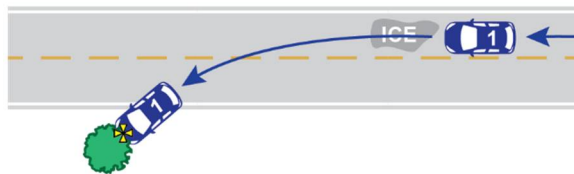
Example: Vehicle #1 was traveling in the right-hand lane and hit a patch of ice, causing it to run off on the left. It crossed over the left-hand lane and crashed into a tree.

03. Ran Off Right Side
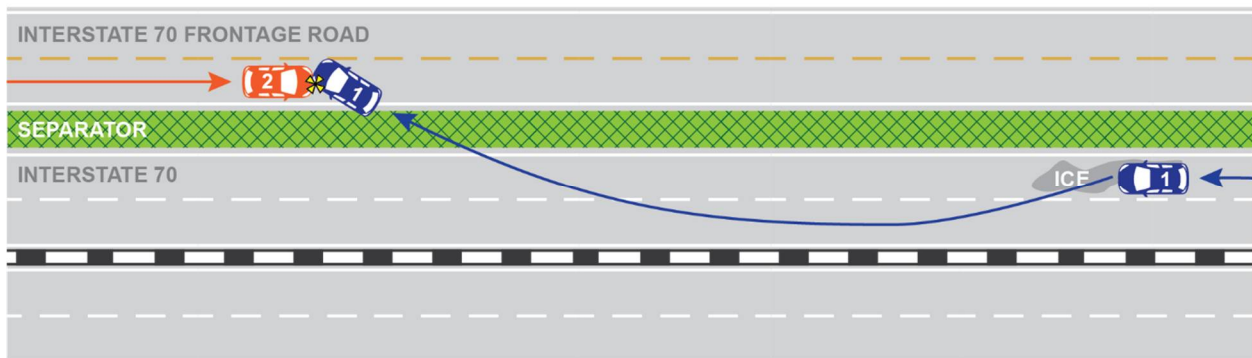
Example 1: Vehicle #1 hit a patch of ice causing it to veer into the left lane, overcorrected, and ran off on the right-hand side over a separator into the oncoming traffic of the frontage road. Vehicle #1 crashed into Vehicle #2, traveling in the right-hand lane of the frontage road.
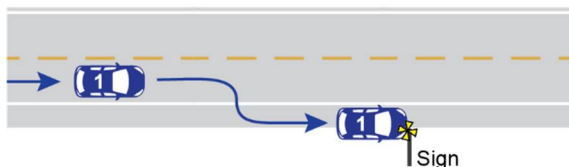
Example 2: Vehicle #1 hit a patch of ice and ran off on the right where it crashed into a sign.

04. Ran Off "T" Intersection
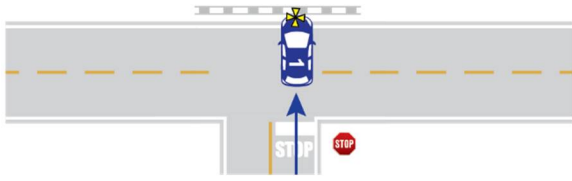
Example: Vehicle #1 continues past a stop sign, through a "T" intersection, colliding with a barrier.

05. Vehicle Crossed Center Median into Opposing Lanes
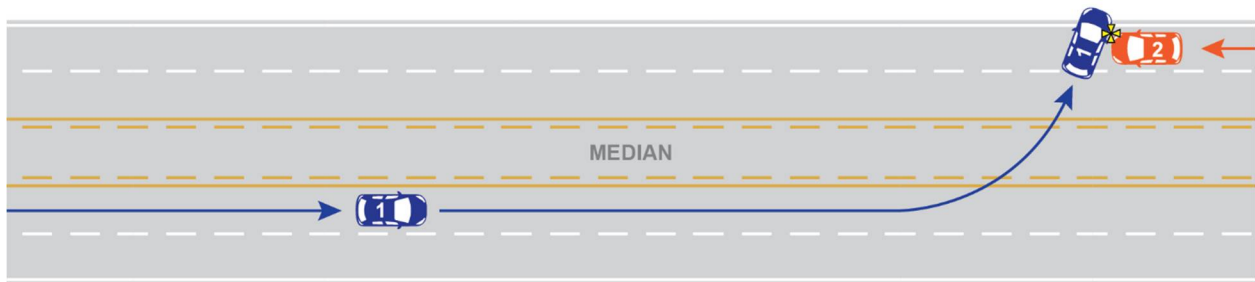
Example 1: Vehicle #1 was traveling in the left-hand lane and ran off the left side, over the center median into opposing lanes. Vehicle #1 crashed into Vehicle #2, which was traveling in the right-hand lane of opposing traffic.
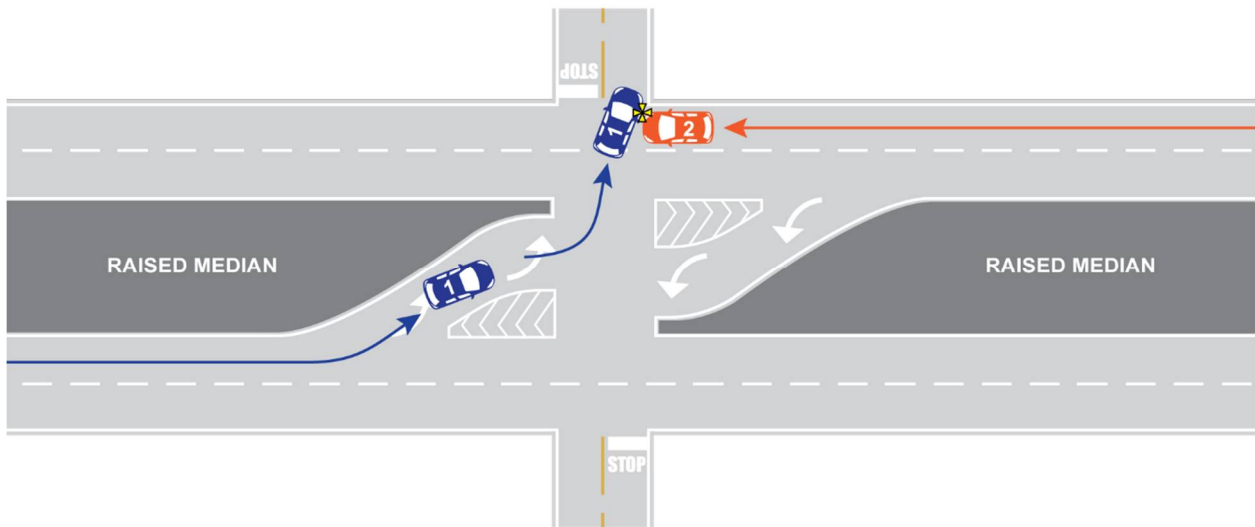
Example 2: Vehicle #1 was traveling eastbound in the left-hand lane and turned left through an intersection with a raised median on its left and a painted median on its right. Vehicle #2 was westbound traveling in the right-hand lane of opposing traffic, could not avoid Vehicle #1, and crashed into the right side of Vehicle #1.

06. Private Property

If the conditions are met for marking the **PRIVATE PROPERTY** checkbox (see the guidance on page 26), then this code should be selected for the Location.

07. Center Median / Island
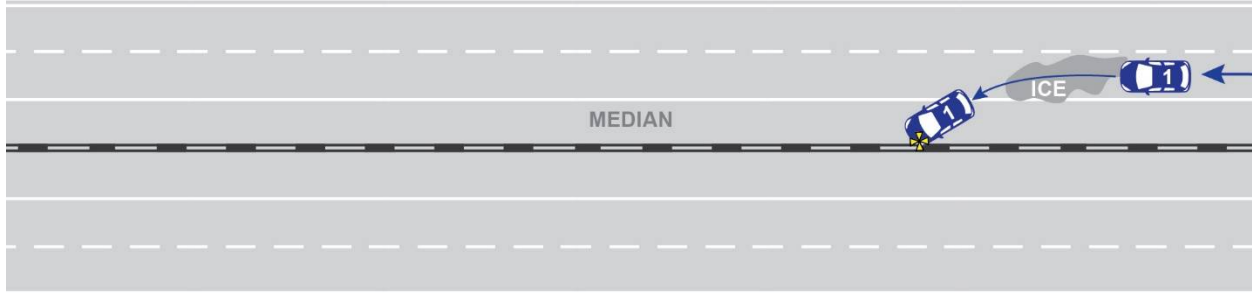
Example: Vehicle #1 was traveling on the westbound lane, hit a patch of ice, and slid into the median between the westbound and eastbound lanes where it ran into the cable median barrier and came to a stop.

Field 43: Number of Lanes Blocked

Change(s):

- New

Rationale:

- To identify locations where incident management could be improved to reduce the impact on traffic flow due to a crash and/or to reduce likelihood of secondary crashes.

Enter the maximum number of traffic lanes that were blocked by the crash. Include any auxiliary lanes on which traffic could otherwise have flowed. Do not include shoulders, or lanes that were closed due to construction, or lanes that were otherwise not available for traffic to flow for other reasons than the crash.

Field 44: Lane Position

Change(s):

- New

```
LANE
POSITION   [  |  |  ]
```

Enter the designation for the lane in which actions that most contributed to the crash occurred, and that needs attention for possible safety improvements. In general, that would be equivalent to the lane in which the first harmful event occurred, but that might not always be the case.

The Lane Position field uses three characters that make up the following two designations:

- The first character is the **direction** designation; used to indicate which side of the roadway. This is not necessarily the direction of travel of the vehicle (if the vehicle is traveling the wrong way, for example), but is the normal direction of travel for the lane in question.

  ➢ The valid values for the direction designation are: N, S, E, and W

- The next two characters are the **lane** designation; used to indicate which lane on that side of the roadway. The lane designation can be:

  ➢ A 2-digit number (with zero padding) such as 01, etc., or

  ➢ LS to designate the left shoulder, or

  ➢ RS to designate the right shoulder.

Guidance

This field leverages the National Transportation Incident Management Coalition/Lane Designation Terminology, with the following conventions:

- For divided roadways, the lane positions are numbered as shown below in **Figure 5: Divided Roadways Lane Positions (for an E/W oriented highway)** below.

- For undivided roadways, the lane positions are numbered from left to right for each direction of travel as shown below in **Figure 6: Undivided Roadways Lane Positions** below.

- The numbered designation applies to ALL travel lanes in the same roadway direction of travel that are not separated by a permanent physical barrier (concrete jersey, raised or grass median, etc.) that essentially creates another separate roadway. Such lanes include

  ➢ Through lanes (driving, passing, etc.),

  ➢ HOV, toll, or other managed lanes,

  ➢ Right turn or left turn lanes,

➢ Slow vehicle lanes, or

➢ Other auxiliary lanes (e.g. acceleration or deceleration lanes).

- The lane numbering starts at 01 for left-most lane, and each additional lane gets incremented.

Validation Rules

Note: The following conventions apply:

- The Lane Designation is **<u>always</u>** three characters.

- The first character **<u>must</u>** be one of: N, S, E, and W

- The next two characters **<u>must</u>** be either:

  ➢ A 2-digit number (with zero padding) such as 01, etc., or

  ➢ LS or RS.

EXAMPLES

The following examples make use of the diagrams below.

Figure 5: Divided Roadways Lane Positions (for an E/W oriented highway)

Example 1: V1 starts in the driving lane on the east-bound side of the road, and then changes lanes and sideswipes V2 in the passing lane on the same side of the roadway. The LOCATION / LANE POSITION fields would be entered as follows:

- LOCATION = 01 (On roadway), and

- LANE POSITION = E01, since V1 moved into lane 1 of the east-bound side of the roadway.

Example 2: Where V1 starts in the passing lane on the east-bound side of the road, then crosses over the center median, and hits V2 in the inside lane in the opposite direction. The LOCATION / LANE POSITION fields would be entered as follows:

- LOCATION = 05 (Vehicle Crossed Center Median into Opposing Lanes), and

- LANE POSITION = W01 (the inside lane of the opposite, west-bound side of the roadway)

Example 3: On a divided highway: V1 is traveling in the west-bound lanes and hits the guardrail in the median. The LOCATION / LANE POSITION fields would be entered as follows:

- LOCATION = 02. Ran Off Left Side

- LANE POSTION = WLS

Example 4: V2 is stopped in the outside shoulder on the west-bound side of the highway, and V1 drifts over from W02 and hits V2. The LOCATION / LANE POSITION fields would be entered as follows:

- LOCATION = 03. Ran Off Right Side

- LANE POSTION = WRS

Figure 6: Undivided Roadways Lane Positions

(There really isn't a shoulder on the left / oncoming side of the road, since it's a curb)

Example 5 (Similar to Example 1 above, but for an undivided road): V1 starts in the driving lane in the north-bound lanes, and then changes lanes and hits V2 that was in the passing lane. The LOCATION / LANE POSITION fields would be entered as follows:

- LOCATION = 01. On Roadway, and

- LANE POSITION = N01 (since V1 moved into that lane)

Example 6 (Similar to Example 2 above, but for an undivided road): V1 crosses over the center line, and hits V2 in the inside lane in the opposite direction. The LOCATION / LANE POSITION fields would be entered as follows:

- LOCATION = 05. Vehicle Crossed Center Median into Opposing Lanes, and

- LANE POSITION = S01 (i.e. the inside lane in the opposite direction)

Example 7: V1 hits the guardrail on the right. The LOCATION / LANE POSITION fields would be entered as follows:

- LOCATION = 03. Ran Off Right Side, and

- LANE POSITION = NRS

Example 8: V1 is on the northbound lanes, crosses all the way to run off the road to the left. The LOCATION / LANE POSITION fields would be entered as follows:

- LOCATION = 02. Ran Off Left Side, and

- LANE POSITION = S02

Example 9: A two-way left turn lane

- A two-way left turn lane (and any lane shared by both directions of travel) will be numbered 01 IN BOTH DIRECTIONS. In other words, it could be considered N01 or S01, depending on how the crash occurred. For example,

  - ➢ If Vehicle 1 starts in lane S02 and then moves into the two-way left turn lane where Vehicle 2 (which was traveling north) was waiting to turn left, the shared two-way left turn lane would best be identified as N01.

  - ➢ If Vehicle 2 was traveling south in the two-way left turn lane, and Vehicle 1 (also traveling south) rear-ends Vehicle 2, then the two-way left turn lane would best be identified as S01.

Example 10: In an intersection:

- An intersection crash essentially occurs in a space that is not specific to any one direction of travel. Thus, the convention to follow is where the at-fault vehicle (Traffic Unit 1) came into the intersection. The diagram below illustrates the Lane Position code that would be used for the various cases, such as:

  - ➢ If the at-fault traffic unit Vehicle 1 is traveling west in the left turn lane, and turns into traffic coming from the east, the appropriate code to enter would be W01.

  - ➢ If the at-fault traffic unit Vehicle 1 is traveling north in the right-most lane, ran the stop sign, and collided with a pedestrian in the crosswalk, the appropriate code to enter would be N03.

- If the at-fault traffic unit is a non-pedestrian that entered the intersection from one of the travel lanes, then the same convention should be applied.

- If the at-fault traffic unit is a non-pedestrian that did not enter the intersection from one of the travel lanes, then this field should be left blank.

Figure 7: Intersection Lane Positions
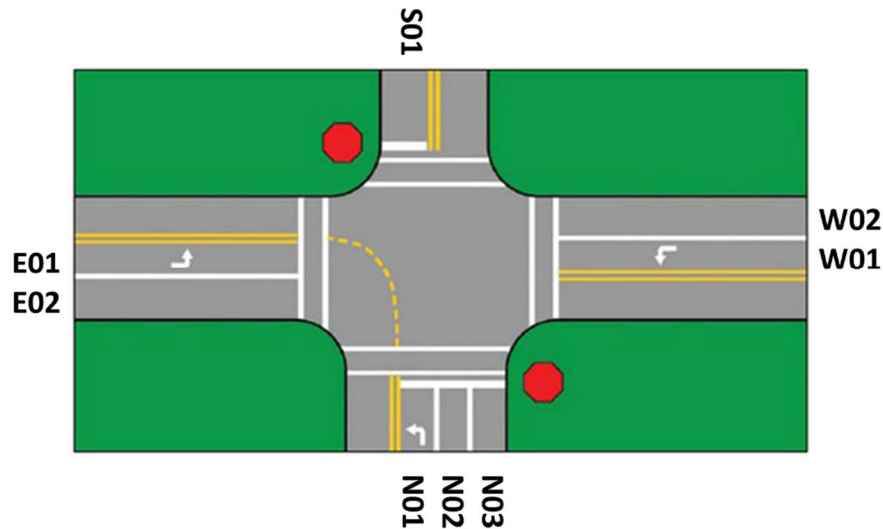
Field 45: Harmful Event Sequence

Change(s):

- Added several new selections

- Split out structures

- Deleted several selections

- Allow up to four events to be captured

Rationale:

- To make it clearer to the officer which code to select in various circumstances. To make it easier to select events that contributed to the crash occurrence.

Revised November 30, 2018

HARMFUL EVENT SEQUENCE	1st	2nd	3rd	4th	Most Harmful Event

NON-COLLISION CRASH	08. Front to Side	47. Electrical/Utility Box	46. Ground
01. Overturning/Rollover	09. Rear to Side	21. Sign	29. Curb
44. Immersion, Full or Partial	10. Rear to Rear	41. Guardrail Face	30. Delineator/Milepost
45. Fell from Motor Vehicle	11. Side to Side-Same Direction	42. Guardrail End	31. Fence
02. Other Non-Collision	12. Side to Side-Opposite Direction	23. Cable Rail	32. Tree
COLLISION WITH NON-MOTORIST	***COLLISION WITH OTHER VEHICLE***	24. Concrete Highway Barrier	33. Large Rocks or Boulder
03. School Age To/From School	13. Parked Motor Vehicle	48. Overhead Structure (Bridge)	34. Railroad Crossing Equipment
05. Pedestrian	***COLLISION WITH ANIMAL***	49. Overhead Structure (Not Bridge)	35. Barricade
15. Bicycle/Motorized Bicycle	17. Domestic Animal	50. Bridge Structure (Not Overhead)	36. Wall or Building
COLLISION WITH MOTOR VEHICLE IN	18. Wild Animal	26. Vehicle Debris or Cargo	37. Crash Cushion/Traffic Barrel
TRANSPORT	***COLLISION WITH OBJECT***	27. Culvert or Headwall	38. Mailbox
06. Front to Front	19. Light Pole/Utility Pole	28. Embankment	39. Other Fixed Object (Describe in Narrative)
07. Front to Rear	20. Traffic Signal Pole	43. Ditch	40. Other Non-Fixed Object (Describe in Narrative)

Enter the codes which best describes the sequence in which the harmful events occurred. A harmful event is that point in the sequence of events when injury or damage occurs.

Guidance

Up to four harmful events can be entered in the sequence. If there are less than four harmful events in the sequence, you should leave the remaining sequence fields blank

Example: Vehicle #1 is northbound on I-25 when it changes lanes and sideswipes Vehicle #2. Vehicle #2 runs off the roadway into the median and rolls over, coming to rest on its top. This crash would be coded for the Harmful Event Sequence as follows:

- First: 11. Side to side – same direction;

- Second: 01. Overturning/Rollover

- Third: blank

- Fourth: blank

Terminology: The following explanations cover some of the new terms used:

- Center Median: This covers a median (whether painted, planted, raised) between the opposing lanes of travel. This also covers the center island of a roundabout.

Figure 8: Center Median for a Roundabout
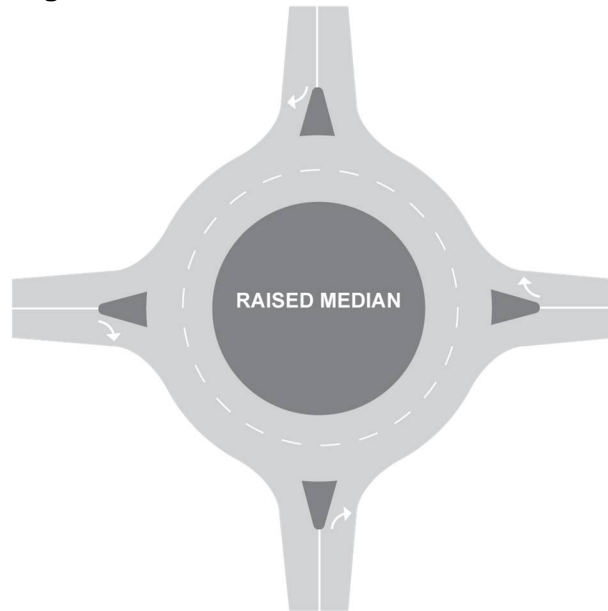
- Vehicle Debris or Cargo: This applies when the crash involved striking falling or shifting cargo or anything set in motion by a motor vehicle.

Harmful Events

Notes:

- Several of the codes from DR2447 are no longer used;

  - ➤ 04. Pedestrian on Toy Vehicle, since pedestrian details are now handled on the Non-Motorist page,

  - ➤ 14. Railway Vehicle/Light Rail and 16. Road Maintenance Equipment. since these vehicles are covered in the Unit Types and thus are captured with all Unit data elements, and

  - ➤ 22. Guardrail, since this has been split into face or end – see below.

  - ➤ 25. Bridge Structure, since this has been expanded to indicate different structures – see below.

- There are several new codes in this field;

  - ➤ The codes 41. Guardrail Face and 42. Guardrail End have replaced the now obsolete 22. Guardrail. Select 41. Guardrail Face if a vehicle hit the long, flat part of the guardrail, and 42. Guardrail End if a vehicle hit either of the two ends of the guardrail.

  - ➤ 43. Ditch was added for when the vehicle (or non-motorist) simply slid or fell into the borrow ditch.

➢ 44. Immersion, Full or Partial was added if the vehicle (or non-motorist) fell into water (either a stream or river, or a lake).

➢ 45. Fell From Motor Vehicle was added if a person was injured due to falling from a motor vehicle in transport.

➢ 46. Ground was added if the vehicle (or non-motorist) hit the ground. This could happen if a motorcyclist or bicyclist for example slid out and fell, or if a vehicle went over an embankment or cliff and hit the ground.

➢ 47. Electrical/Utility Box was added to cover boxes for phone, cable, signal control, etc.

➢ 48. Overhead Structure (Bridge) is for the deck or pillars for a bridge crossing over the roadway.

➢ 49. Overhead Structure (Not Bridge) is for a non-bridge structure (such as overhead signs, etc.) crossing over the roadway.

➢ 50. Bridge Structure (Not Overhead) is for a structure (deck, barrier, etc.) associated with the bridge carrying the roadway.

- Code 34. Railroad Crossing Equipment applies when the harmful event occurred in the area formed by the at-grade connection of a railroad bed and a roadway, and the crash involved equipment associated with the crossing (primarily, the gates).

- Examples for codes 06. Front-to-Front through 12. Side to Side-Opposite Direction are illustrated below.

Collision Types

06. Front to Front
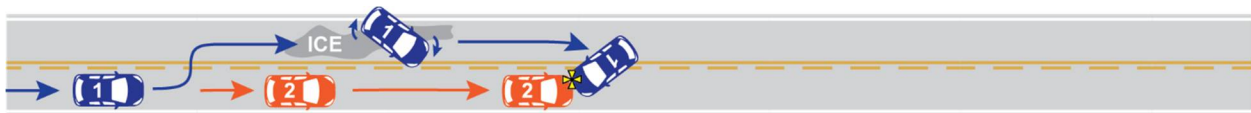
Example 1: Vehicle #1 was traveling behind Vehicle #2 in the right-hand lane. Vehicle #1, while trying to pass Vehicle #2 on the left, hit a patch of ice causing it to lose control and swerve head first into Vehicle #2.
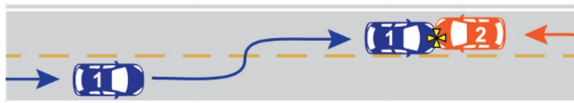
Example 2: Vehicle #1 crossed over into the opposing lane and crashed into the front of Vehicle #2.

07. Front to Rear
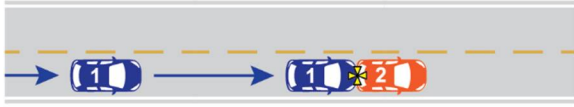
Example 1: Vehicle #1 was traveling behind Vehicle #2 and crashed into Vehicle #2 from behind.

Example 2: Vehicle #1 was traveling behind Vehicle #2 and crashed into Vehicle #2 from behind.

08. Front to Side

Example 1: Vehicle #1 was traveling on the right lane while Vehicle #2 was in the left, both going in the same direction. Vehicle #1 hit a patch of ice and ran over into the left lane, crashing its left side into the front of Vehicle #2.
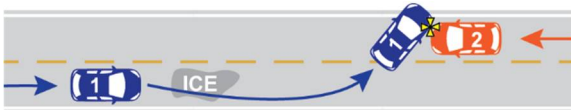
Example 2: Vehicle #1 hit a patch of ice and ran off the left side into opposing traffic where its right side crashed into the front of Vehicle #2.
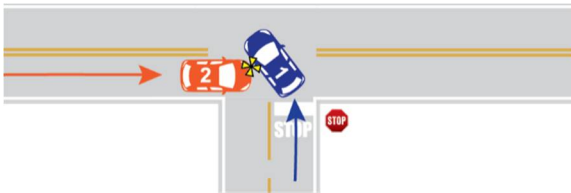
Example 3: Vehicle #1 took a left-hand turn at a "T" intersection stop sign, Vehicle #2, traveling in the opposing lane of Vehicle #1's intended direction, crashed into the left side of Vehicle #1 during the left-hand turn.
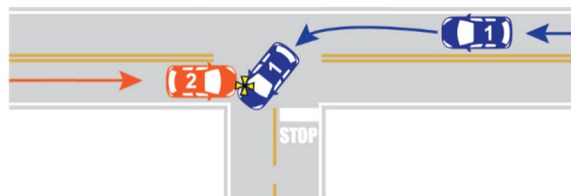
Example 4: Vehicle #1 took a left turn onto a new road, crossing over traffic going in the opposite direction. Vehicle #2 was traveling in the opposing lane and crashed into the right side of Vehicle #1.

09. Rear to side

This is a rare event outside of parking lots.

Example: Vehicle #1 was backing up and ran into the side of Vehicle #2.

10. Rear to Rear

This is a rare event outside of parking lots.

Example: Vehicle #1 was backing up and ran into the rear end of Vehicle #2.

11. Side to Side – Same Direction

Example 1: Vehicle #1 was traveling on the left lane while Vehicle #2 was in the right, both going in the same direction. Vehicle #1 crossed over into the right lane, crashing its right side into the left side of Vehicle #2.

Example 2: Vehicle #1 and Vehicle #2 were traveling in opposite directions. Vehicle #1 hit a patch of ice causing it to lose control and spin forward into the opposing lane where its right side collided with the left side of Vehicle #2.

12. Side to Side –Opposite Direction
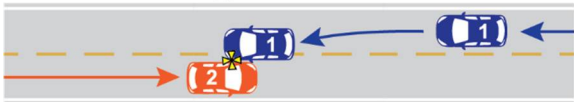
Example 1: Vehicle #1 and Vehicle #2 were traveling in opposite directions. Vehicle #1 crossed over into the opposing lane, crashing its left side into the left side of Vehicle #2.
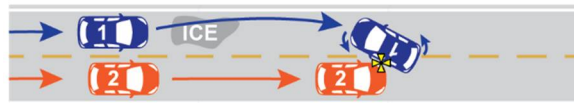
Example 2: Vehicle #1 was traveling on the left lane while Vehicle #2 was in the right, both going in the same direction. Vehicle #1 hit a patch of ice causing it to lose control and spin forward into the right lane where its left side collided with the left side of Vehicle #2.

Field 46: Most Harmful Event

Most Harmful Event ☐☐

Enter the code of the harmful event listed in the sequence which identifies the most harmful event that occurred. It is the event that resulted in the most severe injury or, if no injury, the greatest property damage involving this motor vehicle.

Validation Rules

The Most Harmful Event must be one of the harmful event sequence.

Field 47: Road Contour – Curves

Change(s):

- Split the previous Road Contour field into two separate curves and grade fields.

Rationale:

- Make it easier for the officer to select the curve and grade attributes that apply, to cover the various combinations that might a.

ROAD CONTOUR - CURVES ☐☐
01. Straight
02. Curve Left
03. Curve Right
04. Unknown

Enter the code which best describes the horizontal curvature characteristic of the roadway.

Guidance

- For Curve Left and Curve Right, pay careful attention to the direction of travel of Traffic Unit # 1.

- If that Vehicle or Non-Motorist was going through a right-hand curve, then Curve Right is the code to enter, even if the other Traffic Units involved were not traveling in the same direction.

Field 48: Road Contour – Grade

ROAD CONTOUR - GRADE ☐☐
01. Level
02. Uphill
03. Hill Crest
04. Downhill
05. Sag/Bottom
06. Unknown

Enter the code which best describes the vertical characteristic of the roadway in the direction of travel of Traffic Unit # 1.

Guidance

- The code 01. Level is equivalent to "flat".

- For Uphill and Downhill, pay careful attention to the direction of travel of Traffic Unit # 1.

- If Traffic Unit # 1 was traveling uphill, then enter code 02. Uphill, even if the other Traffic Units involved were not traveling uphill.

NOTE: The grade is not the banking (also known as superelevation) of the roadway in a curve. It refers to whether Traffic Unit 1 is traveling uphill, downhill, or is at the crest of a hill or the bottom of a valley.

Figure 9: Examples of Grade

Crest   Sag   Downhill   Uphill
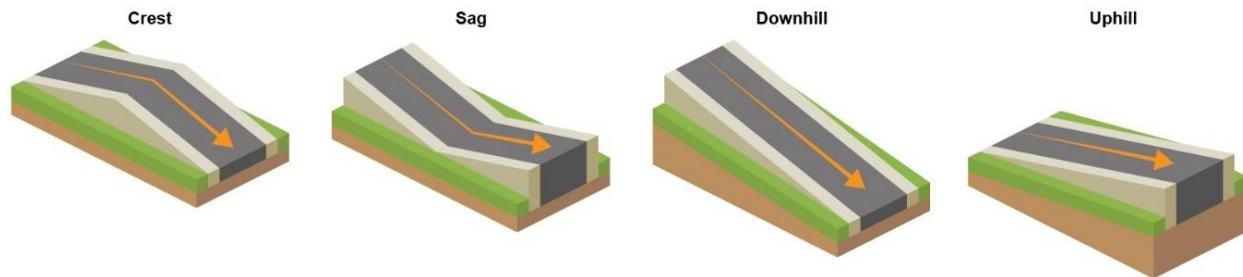
Field 49: Road Description

Change(s):

- Added selections to cover more types of location descriptions.

Rationale:

- Make it easier for the officer to identify which code would apply to the crash

ROAD DESCRIPTION				
	01. At Intersection	05. Crossover-Related	10. Ramp-related	14. Mid-Block Crosswalk
	02. Driveway Access Related	06. Roundabout	11. Alley Related	15. Express/Managed/HOV Lane
	03. Intersection Related	08. Parking Lot	12. Share-Use Path or Trail	
	04. Non-Intersection	09. Ramp	13. Auxiliary Lane	

Enter the code which best describes the location of the crash on the roadway.

Guidance

- The code 01. At Intersection applies when the first harmful event occurs within the limits of an intersection (i.e. within the hatched regions of **Figure 10: Intersection**).

Figure 10: Intersection
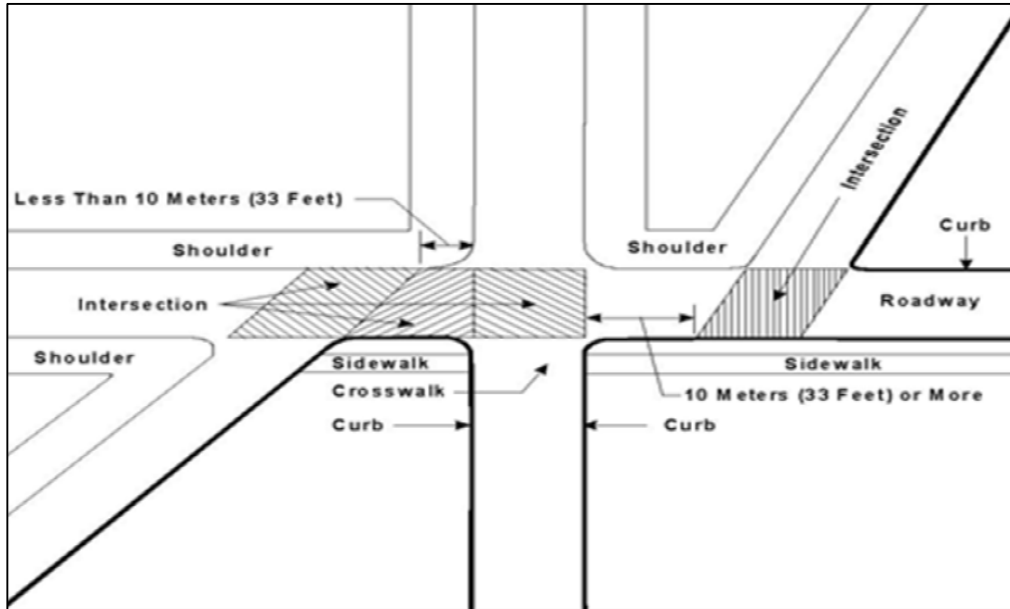
(Source ANSI D.16 2017 Edition)

- The code 03. Intersection Related applies when the intersection was a factor in the crash. It does not automatically apply just because the crash occurred at or near an intersection. As per the MMUCC, this code applies when the crash "(1) occurs on an approach to or exit from an intersection and (2) results from an activity, behavior or control related to the movement of traffic units through the intersection."

- For code 15. Express/Managed/HOV lane, there are several configurations possible: A) it may be divided from the other through lanes or not, and B) it may have a Positive Median Barrier, Median Rumble Strips, Buffer Area, or just Pavement Markings

- The code 09. Ramp applies when the first harmful event occurs on an entrance or exit ramp. For example, Vehicle #1 was traveling behind Vehicle #2 while on an entrance (or exit) ramp. Vehicle #1 crashed into the rear of Vehicle #2 while still on the ramp before Vehicle #2 merged onto traffic.

09. Ramp

- The code 10. Ramp-related applies when the first harmful event occurs off the entrance/exit ramp roadway but is related to the use of or entry onto the ramp. Vehicle #2 was travelling on an entrance ramp, preparing to merge onto main traffic. Vehicle #1 was traveling in the right lane and crashed into the left side of Vehicle #2 as Vehicle #2 merged onto traffic.

- Code 13. Auxiliary Lane applies to lanes where vehicles can accelerate to match the speeds of surrounding traffic before merging, or to decelerate before exiting from the roadway (e.g. onto a ramp)
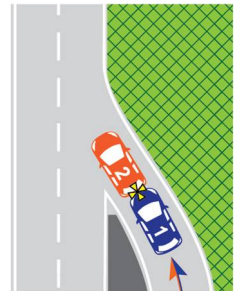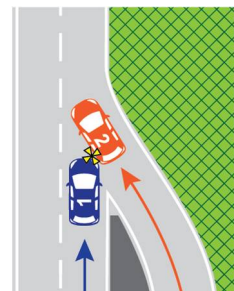
10. Ramp-Related

Business Rules

- A parking lot does not contain roads. If 08. Parking Lot is selected, then Road Contour - Curves, Road Contour - Grade, and Road Condition should be left blank.

Field 50: Approach/Overtaking Turn

APPROACH/OVERTAKING TURN		01. Approach Turn 03. Not Applicable
		02. Overtaking Turn

If the crash involved an approach turn or overtaking turn, enter **01** or **02**. If the collision did not involve an approach turn or overtaking turn, enter **03**.

Action	Element	Notes	Example
01	Approach Turn	Two vehicles traveling in the opposite direction. One vehicle turns into the path of the other. (Example: left turn at intersection).	
02	Overtaking Turn	Two vehicles traveling in the same direction. One vehicle turns into the path of the other. (Example: right turn from the left lane).	
03	Not Applicable		

Field 51: Lighting Condition

LIGHTING CONDITION		01. Daylight 03. Dark-lighted
		02. Dawn or Dusk 04. Dark-Unlighted

Enter the code which best describes the lighting condition at the time and location of the first harmful event. Code 03. Dark-lighted refers to street/highway lighting.

Field 52: Road Condition

Change(s):

- Added selections to cover more conditions

ROAD CONDITION		
	01. Dry	08. Dry W/Visible Icy Road Treatment
	02. Wet	09. Wet W/Visible Icy Road Treatment
	03. Muddy	10. Snowy W/Visible Icy Road Treatment
	04. Snowy	11. Icy W/Visible Icy Road Treatment
	05. Icy	12. Slushy W/Visible Icy Road Treatment
	06. Slushy	13. Sand/Gravel
	07. Foreign Material	14. Roto-Milled

Enter the code which best describes the condition of the roadway at the time and location of the first harmful event.

Guidance

- For "Packed Snow" conditions, the following convention should be used to select the proper code:

  - ➢ If the top layer of the snow has developed a sheen, or tires do not leave a track, then the code 05. Icy should be entered. Otherwise, 04. Snowy should be entered.

- "Visible icy road treatment" refers to sand, salt, gravel and or liquid chemical treatments.

Field 53: Weather Conditions

```
WEATHER
CONDITION   1st [  ][  ]   2nd [  ][  ]
00. Clear        04. Dust       08. Snow
01. Rain         05. Wind       09. Blowing Snow
02. Sleet or Hail  06. Cloudy
03. Fog          07. Freezing Rain or Freezing Drizzle
```

Enter the code which best describes weather condition at the time and location of the first harmful event.

NOTE: There are several significant changes from the DR2447:

- The Field is no longer called *Adverse* Weather Condition, but just Weather Condition.

- The selection 00. used to be None, but now is Clear.

- 02. Snow/Sleet/Hail has been modified to Sleet or Hail

- New selections 06. Cloudy, 07. Freezing Rain or Freezing Drizzle, 08. Snow, and 09. Blowing Snow have been added.

The above changes are to better align with FARS requirements, that differentiate between Clear or Cloudy if there are no adverse weather conditions.

Guidance

- Up to two weather conditions can be entered.

- If only one weather condition applies, then the second one should be left blank.

- The first weather condition identified should be the one that most contributed to the crash occurring, or to the severity of the crash.

  - ➢ 02. Sleet or Hail would apply to conditions where precipitation is falling as ice (sleet or hail)

  - ➢ 07. Freezing Rain or Drizzle would apply when precipitation is falling as liquid (rain) and then freezing on the roadway.

Business Rules

- If 00. Clear is entered for the first weather condition, then the second one should be left blank.

To Be Completed Only For Fatalities

Change(s):

- Moved from the Supplement into the main form.

- For Traffic Control Device Functioning, added 06. Not Visible.

The following fields are to be completed only in the event of a fatality in the crash.

- Enter the time notified for the first responder/EMS personnel.

- Enter the time the first responder/EMS personnel arrived at the scene.

- Enter the time the most seriously injured party arrived at the hospital.

- If times are unknown, provide the name and contact information of the first responding EMS agency as well as the transporting agency.

Field 54: (EMS) Time Notified

Time Notified

Enter the time at which the first EMS service was notified of the crash. If the time is unknown, then leave blank, and enter the name of the EMS service as described below.

Enter the time using the 24-hour clock system. Do not use a colon.

Field 55: (EMS) Time Arrived at Scene

Time Arrived @ Scene

Enter the time at which the first EMS service arrived at the scene of the crash. If the time is unknown, then leave blank, and enter the name of the EMS service as described below.

Enter the time using the 24-hour clock system. Do not use a colon.

Field 56: (EMS) Time Arrived at Hospital

Time Arrived @ Hospital

Enter the time at which the EMS service transporting the deceased (or most seriously injured party) arrived at the hospital. If the time is unknown, then leave blank, and enter the name of the EMS service as described below.

Enter the time using the 24-hour clock system. Do not use a colon.

Field 57: (EMS) Name of Responding Service

> If times are unknown provide name of responding services:

Enter the name and contact information of the responding EMS service.

Note: This field only needs to be filled if the above times are not known.

Since the EMS service will have to be contacted to ascertain any unknown times, please provide the information that would help with the contact.

Field 58: Traffic Control Device Functioning

TRAFFIC CONTROL DEVICE FUNCTIONING	
01. No Controls	04. Functioning Properly
02. Not Functioning	06. Not Visible
03. Functioning Improperly	05. Unknown

Enter the code which describes how the traffic control devices was functioning. If more than one device was at the crash scene, it is only necessary to enter the information of the **most significant** traffic control device(s). As an option, the other devices may also be listed in the narrative.

If the code 06. Not Visible is entered, then the cause (e.g. snow, vegetation, etc.) should be noted in the narrative.

Note: CSR § 42-1-102 (64) defines traffic control devices to mean "all signs, signals, markings, and devices, not inconsistent with this title, placed or displayed by authority of a public body or official having jurisdiction, for the purpose of regulating, warning, or guiding traffic."

For purposes of this field, pavement markings are not considered traffic control devices.

Supervisor Approval

Field 59: Approved By

> Approved By

Enter the name of the officer or supervisor who approved the crash report.

Field 60: ID Number

> I.D. Number

Enter the ID or/ badge number of the approving officer.

Field 61: Date

```
Date

```

Enter the date at which the crash report was approved. Follow the standard MM/DD/YYYY format.

NARRATIVE/DIAGRAM (Page B)

This page is to collect additional information on the crash, including:

- The Narrative;

- The Diagram;

- Damaged Property (for up to two owners).

In the DR3447 package, there will always be one (and only one) copy of this page filled out, and it is always the second page.

Figure 11: DR3447 Page B – With Reference Numbers

DR 3447 (11/09/18)

NARRATIVE/DIAGRAM ¹ PAGE _ 2 _ OF ___ PAGES

| Case # 2 | Agency ORI 3 | ‖‖‖‖‖‖‖‖‖‖‖ | Agency Name 4 |

Describe Crash

5

6

Owner 1	Public Property Damaged ☐	Damaged Prop. Last Name 8	First Name	MI
	Address 9		City	State	ZIP
	Damaged Prop. Description 10				
Owner 2	Public Property Damaged ☐	Damaged Prop. Last Name	First Name	MI
	Address		City	State	ZIP
	Damaged Prop. Description				

7

Header Fields

NOTE: In general, this information is on the form only, and is not stored in the crash report repository.

Electronic Reporting

- In general, these header fields should be filled out automatically by the electronic reporting application when the crash report is entered electronically.

Field 1: Page 2 of ___ Pages

PAGE _2_ OF ___ PAGES

The Narrative/Diagram page is always page 2 of the report.

Enter the same number of total number of pages as on the first page of the crash report package (**Field 1: Page 1 of ___ Pages**) in the second blank.

For information on the order of pages in the crash report package, see *The DR3447 Crash Report Package* on page 17 of this manual.

Field 2: Case Number

Case #

Enter the same case number as on the first page of the crash report package.

Field 3: (Law Enforcement) Agency ORI

Agency ORI

Enter the same agency ORI of the reporting agency as on the first page of the crash report package.

Field 4: (Law Enforcement) Agency Name

Agency Name

Enter the same name of the reporting agency as on the first page of the crash report package.

Form Fields

Field 5: The Narrative

The narrative provides a description of the crash as a chronological narrative of what occurred, involving three steps:

a. Set the Stage – describe what was happening just before the crash event occurred; what was each vehicle/non-motorist doing prior to the crash.

b. Crash the involved parties – describe what happened as the crash event occurred; which vehicle did what that led it to collide with which other vehicle (or non-motorist).

c. Bring the parties to rest – described what happened after the crash event occurred; how/where did the parties wind up.

Using a specific example to illustrate those three steps:

1. **Set the stage:** Vehicles #1 and #2 were northbound on Colorado 287. Vehicle #3 was southbound on Colorado 287. Vehicle #2 was slowing for traffic ahead.

2. **Crash the involved parties:** Vehicle #2 was slowing for traffic ahead. Vehicle #1 failed to slow and collided into the rear of Vehicle #2. Vehicle #2 skidded 22 feet into the southbound lane, and collided head-on with Vehicle #3.

3. **Bring the parties to rest:** After impact, Vehicle #1 skidded 18 feet and came to rest facing north on the shoulder. Vehicle #2 rotated counterclockwise ¼ time and came to rest on its wheels facing west. Vehicle #3 rotated clockwise ½ turn and came to rest on its wheels facing north in the southbound lane.

Guidance

The DR3447 narrative must include the information described above, and not simply reference another form or report that contains the information.

The only other information that should be included in the narrative are the details for specific field when specified elsewhere in this manual. For example, if a harmful event in the sequence was a vehicle hitting a fixed object not provided in the list, and 39. Other Fixed Object was selected, then the description of the fixed object should be included in the narrative.

The DR3447 narrative should NOT include other case-related information such as witness statements.

Additional examples of appropriate narratives:

1. Vehicles #1 and #2 were northbound on Colorado 287. Vehicle #3 was southbound on Colorado 287. Vehicle #2 was slowing for traffic ahead. Vehicle #1 failed to slow and collided into the rear of Vehicle #2. Vehicle #2 skidded 22 feet into the southbound lane, and collided head-on with Vehicle #3. After impact, Vehicle #1 skidded 18 feet and came to rest facing north on the shoulder. Vehicle #2 rotated counterclockwise ¼ times, skidded 20 feet and came to rest on its wheels facing west. Vehicle #3 rotated clockwise ½ turn, skidded 21 feet and came to rest on its wheels facing north in the southbound lane.

    Note: Because the measurements for the paths of difficulty of the vehicles are included in this narrative, they will not need to be shown on the diagram. The measurements can be listed in either the diagram or the narrative.

2. Vehicle #1, westbound on Colorado 14, skidded off the right side of the roadway, rolled ½ time down an embankment, and struck a tree with its left side. After impact, Vehicle #1 rolled another ½ time and came to rest on all wheels in the Cache le Poudre River. The driver was ejected from the vehicle prior to the impact with the tree, and came to rest south of the vehicle.

    Note: Measurements will need to be shown on the diagram, because they weren't included in this narrative.

3. Traffic Unit #1 was eastbound on Colfax Avenue. Traffic Unit #2, pedestrian, was walking northbound in the crosswalk. Traffic Unit #1 failed to stop for a red light, skidded 52 feet, and collided with the left side of Traffic Unit #2. After impact, Traffic Unit #1, skidded 47 feet and came to rest against the curb. Traffic Unit #2 was vaulted 71 feet and came to rest on the sidewalk at the northeast corner of the intersection. Pedestrian (Traffic Unit #2) expired at the scene.

NOTE: DO NOT INCLUDE PERSONAL IDENTIFIERS (names, addresses, phone numbers, etc.) in the narrative, as they would have to be redacted in many cases for release.

Electronic Reporting

The following template could be provided for the officer to fill out:

TU#1 (<*vehicle type***>) traveling** *<direction>* **on** *<street>* **in** *<lane>* **at** <speed>**,** <briefly describe the primary cause of the accident> **and [struck** OR **was struck by] TU#2 (**<*vehicle type*>**) traveling** *<direction>* **on** *<street>* **in** *<lane>* **at** *<speed>*

Field 6: Diagram

The diagram area is provided for the officer to draw a diagram of the crash scene.

Diagrams are required for:

- All crashes involving trains

- All crash reports involving injury classifications 03. Suspected Serious Injury and 04. Fatal.

NOTE: Diagrams are strongly encouraged for any crash.

NOTE: Even when a diagram is not required on the DR3447, it is strongly encouraged that officers do a field diagram of the crash scene, even though this diagram may not be required with the DR3447.

Required Diagram Elements

A north direction indicator must appear somewhere in the diagram (See Appendix E). Direction is defined as "compass" direction.

Standardized symbols are recommended for use in the diagram (See Appendix E), and can, in most cases, be drawn with a traffic template. Computer generated diagrams are also acceptable. Diagrams need not be drawn to scale, but they should be proportional.

Note: When drawing by hand, the use of a template is strongly recommended.

Traffic templates may be obtained from various places. Commonly used traffic templates are available from the Institute of Police Technology and Management – IPTM at:

http://www.iptm.org

Diagrams should include:

1. **Road**

    a. Draw roadway lanes and markings at the crash scene. If applicable, also include shoulders, medians, traffic control devices (stop signs and stop lights), and structures (fences or poles).

    b. Identify the name of each roadway. If only one-half of a divided roadway is included in the diagram, specify which roadway it is (for example, southbound I-25).

2. **Vehicles**

    a. Draw vehicle paths prior to collision, at the point of impact, and to the point of rest. All paths can be drawn with a solid line. The use of dotted lines for skids, scuffs or other physical difficulty is optional, but not required.

    b. Vehicle symbols should be drawn at the point of most significant impact to show approximate headings at impact.

    c. On a non-impact roll-over crash, the vehicle should be drawn immediately prior to the roll-over to show approximate vehicle heading during the roll.

    d. Drawing vehicle symbols prior to impact or at rest is optional. The use of an "**X**" to indicate point of rest is optional. (See Appendix E – Diagram Symbols).

    e. Skid marks (especially for a fatal crash).

3. **Measurements**

    a. Show the measurement to locate the most significant Point of Impact (POI).

    b. Indicate the lengths of the paths of difficulty (skid, scuff, etc.). However, if the path measurements are included in the narrative, the measurements will not need to be included again on the diagram.

Guidance

NOTE: only one diagram should be included per crash report, on Page B of the DR3447. Additional diagrams produced as part of an accident reconstruction exercise should not be included as part of in the crash report submitted to the DOR.

The following examples of diagrams illustrate many of the "best practices" relative to developing a diagram.

Figure 12: Diagram Example

Barbed-Wire Fence

Colorado 144
Icy, Traveled Asphalt

V#1 rolled 1/2 time for 31.66' to final rest

V#1 rotated counter-clockwise for 16.5 feet before rolling

D#1 crawled out of vehicle.
D#1 removed from scene prior to investigation

5.1' Delineator Post to Rd Edge

21.8' RR off rd

21.9' RF off rd

34.5'

37.2' RR

11.3' RF

22' LR off rd

21.6' LF off rd

4.9' LF

36.8' LR

V#1 traveled 11.2' off road before colliding with delineator post

.2 Miles POI to Milepost 143

N

2.3'

11.3'

2.2'

11.3'

2.2'

Not To Scale

30' Fence to Rd Edge

Figure 13: Diagram Example
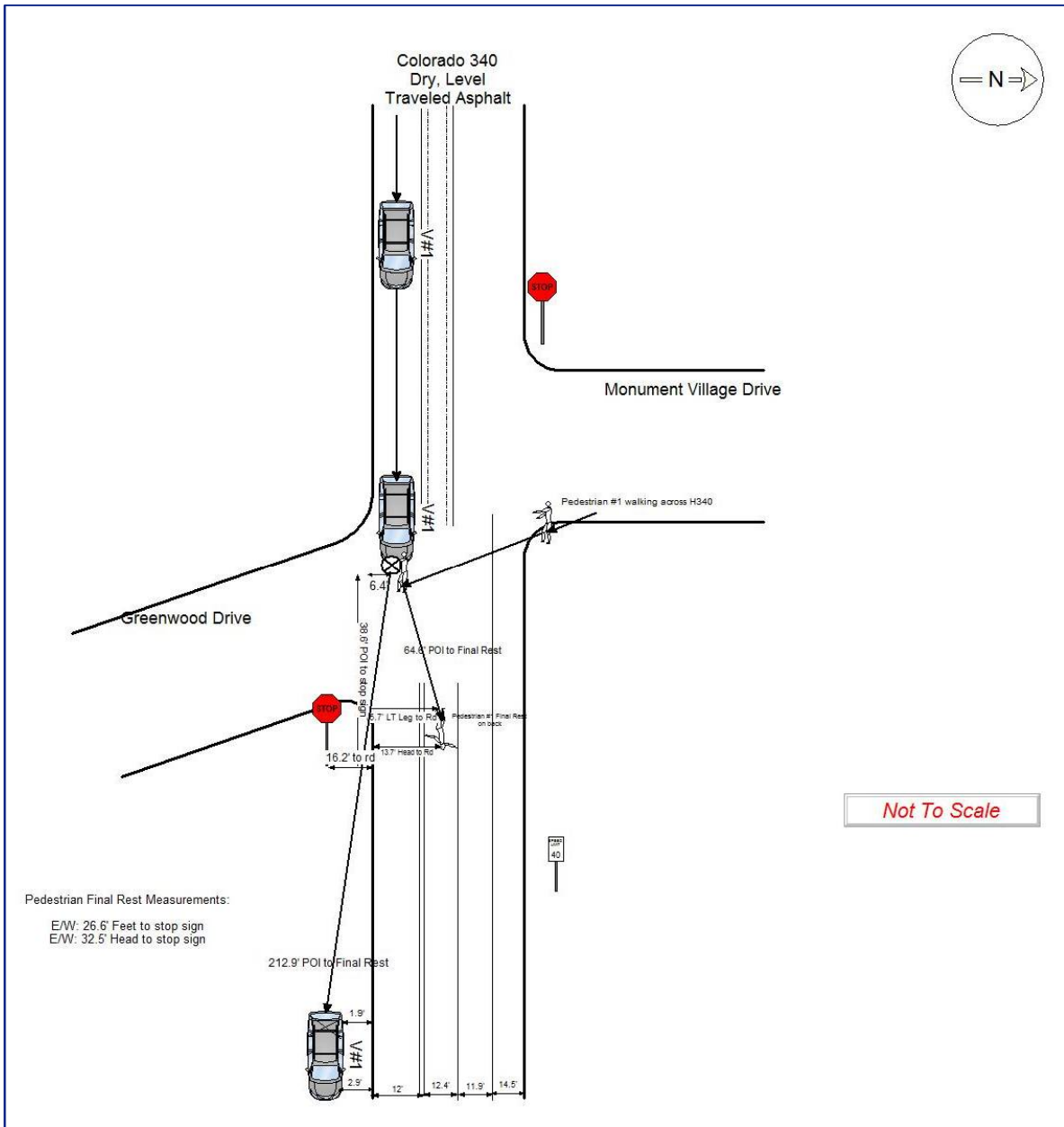
Figure 14: Diagram Example
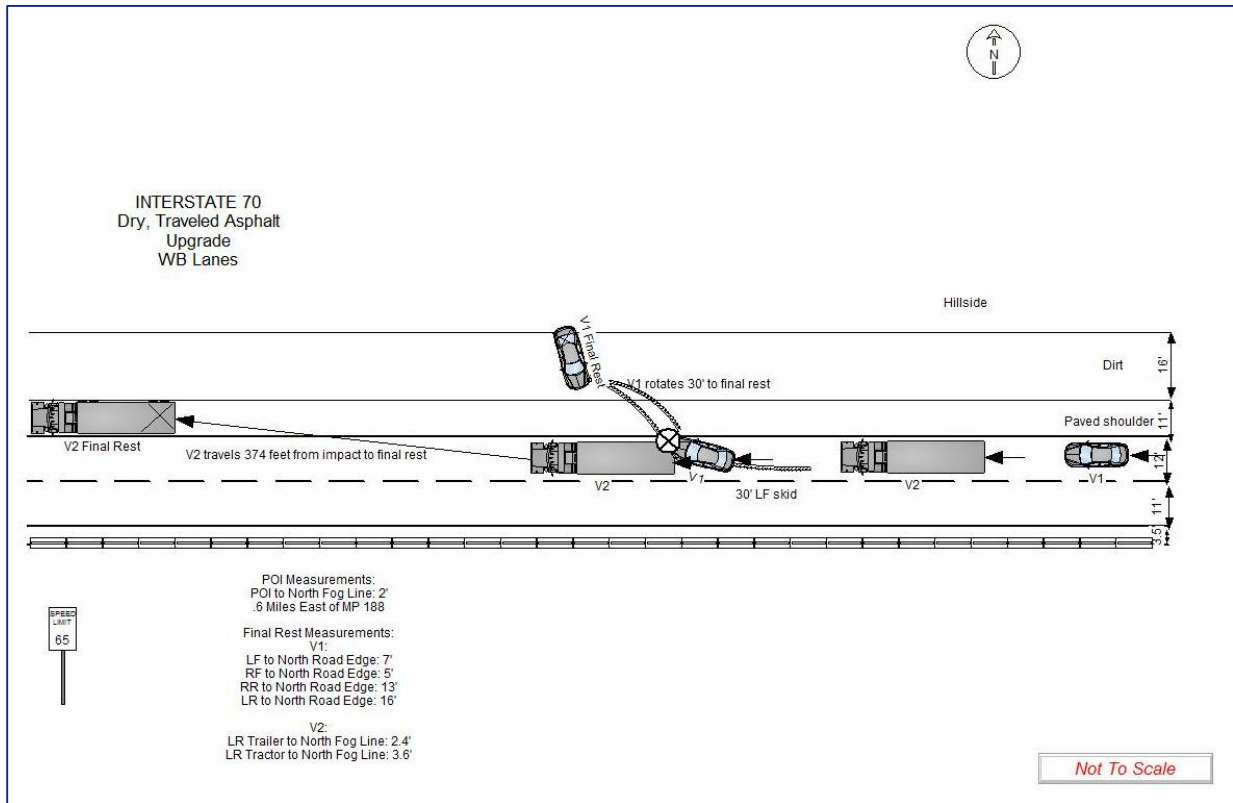
Damaged Property Fields

Change(s):

- Provided more room for the name and address

- Added space for description of the property

- Added a public property checklist

Rationale:

- Allows more room for entering information about the damaged property item(s)

- Make it easier for the officer to enter damaged property information; no longer need to put some damaged property information in the narrative.

This set of fields is collected in order to support those entities (DOT, DOW, local municipality, utilities) to get reimbursed for damage caused by a crash. Multiple entities can be impacted in a single crash (for example, if a utility cabinet is hit as part of the crash, that can impact an internet/cable provider, a phone provider, etc.). Damaged property generally refers to such items as fences, trees, lawns, utility poles, animals, traffic control devices, and other non-vehicles (if the information hasn't already been included in

prior fields). Vehicles, whether parked or not, should not be listed here. Wild animals are listed here and belong to the State of Colorado.

Guidance

- Do not use this field to list what was damaged, how it was damaged, the location of the damaged property, or the circumstances surrounding it at the time of the crash. This information should be explained in the narrative.

- When a crash involves several owners of several pieces of damaged property, the second owner is listed in the second set of Damaged Property fields. If there are more than 2 damaged properties, the subsequent owners are listed on the Additional Damaged Property page.

- If both public and private property is damaged, list the owners of public property first, followed by owners of private property.

- If damage caused by the crash impacted more than two owners, then use **the ADDITIONAL DAMAGED PROPERTIES (Optional Supplement** B) for up to 8 more additional damaged properties.

NOTE: If the Damaged Property Supplement is used, the Damaged Property # field must be filled out for each additional damaged property reported.

Field 7: Public Property Damaged Check Box

Public Property Damaged ☐

Mark this box (enter an "**X**" or ✔) when the crash involves equipment or property that is owned by a Federal, State, County or Municipal agency, or a special governmental district.

Field 8: Owner of Damaged Property – Name

Damaged Prop. Last Name	First Name	MI

Enter the last name, first name, and middle initial of the owner of property damaged in a crash.

Follow the structure as defined in the section on Entering A Person's Name, on page 12.

The owner of the property, if known, should always be entered. If another individual, such as a renter, has immediate control of the property, his or her name should be listed in the narrative.

Field 9: Owner of Damaged Property – Address

Address	City	State	ZIP

Enter the street, route, or P.O. Box number, city, state, and zip code of up to two owner(s) of the damaged property.

Field 10: Damaged Property Description

Damaged Prop. Description

Briefly describe the damaged property, with just a few words, for example "STOP sign" or "guardrail" or "utility cabinet at intersection".

MOTORIZED TRAFFIC UNIT/OCCUPANT (Page C)

This page applies to Traffic Units that are motorized vehicles (whether in movement, parked, stopped, or non-contact), and covers the information on the vehicle, the driver, and up to four occupants.

If there are more than 4 occupants in this vehicle, you'll also need to add one or more copies of the ADDITIONAL MOTOR VEHICLE OCCUPANTS (Optional Supplement A).

For non-motorists such as pedestrians and bicyclists, use the TRAFFIC UNIT/NON-MOTORIST (Page E) of the form and not this page.

For each motor vehicle involved in the crash, there will be one copy of this page PLUS one copy of the TRAFFIC UNIT/GENERAL VEHICLE AND CMV (Page D). Together, these two pages (Page C and Page D) cover all the information to be collected on each motorized vehicle involved in the crash.

In the DR3447 package, these pages will follow pages A and B.
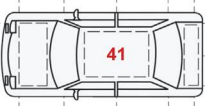
For detailed information regarding building the DR3447 package, see the section **on The DR3447 Crash Report Package** on page 17.

Figure 15: DR3447 Page C – With Reference Numbers

DR 3447 (11/09/18)

MOTORIZED TRAFFIC UNIT/OCCUPANT PAGE ___ OF ___ PAGES **1**

Traffic Unit # **5**	Case # **2**

Agency ORI **3**

Agency Name **4**

Hit & Run **6**

(Driver) Last Name **8**

First Name

MI | Phone **9**

Non-Contact Vehicle **7**

(Driver) Street Address **10**

City

State | ZIP | DOB **11**

Driver License Number **12**

Unlicensed Driver **13** | CDL **14** | State **15** | Sex **16** | Email **17**

Primary Violation **18**

DUI **19** | Violation Code **20** | Citation Number **21** | Common Code **22**

Same Name **23** | Vehicle Owner Last Name | First Name **24** | MI

Same Addr. **25** | Vehicle Owner Street Address | City **26** | State | ZIP

Insurance Company **27**

None **28** / No Proof **29** | Expiration Date **30** | Policy Number **31**

License Plate No. **32** | State or Country **33** | Number of Trailers: **45**

Vehicle Identification Number **34** | Year **35**

Trailer 1: VIN# **46**
License Plate: | Disabling Damage ☐

Make **36** | Model **37** | No Damage ☐ **40**

Trailer 2: VIN#
License Plate: | Disabling Damage ☐

Body Type **38** | Color **39**

Trailer 3: VIN#
License Plate: | Disabling Damage ☐

41

Towed | 00. Not towed
01. Towed Due to Disabling Damage
02. Towed, But Not Due to Disabling Damage **42**

Trailer 4: VIN#
License Plate: | Disabling Damage ☐

By: **43**

Undercarriage _____

Trailer 5: VIN#
License Plate: | Disabling Damage ☐

To: **44**

1. Slight 2. Moderate 3. Severe

VEHICLE DEFECT/CONDITION (OFFICER OPINION ONLY)

00. No Vehicle Defects
01. Defective Head Light(s)
02. Defective Brake/Tail Light(s) **47**
03. Defective Signaling Device
04. Brakes Defective/Out of Adjustment
05. Defective Tires
06. Sudden Tire Failure
07. Improper Tires for Conditions

08. Mechanical Failure
09. Obstructed Window(s)
10. Improper Load
16. Cargo/Equipment Loss or Spill
17. Cargo/Equipment Shift
14. Parking Violation
15. Other Defect(s) (Describe in Narrative)

TO BE FILLED OUT ONLY IN THE EVENT OF A FATALITY

48 CRASH AVOIDANCE MANEUVER

00. No Avoidance Maneuver
07. Braking
08. Steering
09. Steering and Braking
10. Accelerating
11. Steering and Accelerating
06. Other Avoidance Maneuver (Describe in Narrative)

49 FIRE/HAZARDOUS MATERIALS INVOLVEMENT

00. No Fire/No Haz-Mat Cargo
01. No Fire/Haz-Mat Cargo Not Involved
02. No Fire/Haz-Mat Incident
03. Vehicle Fire/No Haz-Mat Cargo
04. Vehicle Fire/Haz-Mat Cargo Not Involved
05. Vehicle Fire/Haz-Mat Incident

DRIVER/OCCUPANT DETAILS

A	B	C	D	E	F1	F2	F3	AGE
51	52	53	54	55	56	57	58	59

50 DRIVER NAME AND ADDRESS ARE ABOVE

AA | Expired Date **72**

G1	G2	H	I	J	K	L	M	N	SEX
60	61	62	63	64	65	66	67	68	69

BB | Expired Time **74**

EMS Trip # **70** | Taken To **71** | **73**

A			D	E	F1	F2	F3	AGE

(Passenger) Name/Address

AA | Expired Date

G1	G2	H	I	J	K	L	M	N	SEX

BB | Expired Time

EMS Trip # | Taken To

A			D	E	F1	F2	F3	AGE

(Passenger) Name/Address

AA | Expired Date

G1	G2	H	I	J	K	L	M	N	SEX

BB | Expired Time

EMS Trip # | Taken To

A			D	E	F1	F2	F3	AGE

(Passenger) Name/Address

AA | Expired Date

G1	G2	H	I	J	K	L	M	N	SEX

BB | Expired Time

EMS Trip # | Taken To

Handling Different Vehicle Circumstances

Parked Vehicle

A vehicle being parked essentially means that it is <u>not</u> a **motor vehicle in transport**. The term "in transport" denotes the state or condition of a transport vehicle which is in motion or within the portion of a transport way ordinarily used by similar transport vehicles. When applied to motor vehicles, "in transport" means in motion or on a roadway.

The conventions for filling out the crash form (MMUCC) states that:

> *A parked motor vehicle is a motor vehicle not in-transport, other than a working motor vehicle, that is not in motion and not located on the roadway. In roadway lanes used for travel during some periods and for parking during other periods, a parked motor vehicle should be considered to be in-transport during periods when parking is forbidden. Any stopped motor vehicle where the entirety of the vehicle's primary outline as defined by the four sides of the vehicle (e.g., tires, bumpers, fenders) and load, if any, is not within the roadway is parked.*

That working definition is consistent with CRS 42-4-102(67), which states that:

> *"Park" or "parking" means the standing of a vehicle, whether occupied or not, other than very briefly for the purpose of and while actually engaged in loading or unloading property or passengers.*

Guidance

Unless the owner, attendant, or driver of a parked vehicle involved in a crash is charged with a crash related violation, the description of the owner, driver or attendant is not to be entered in the fields normally utilized for vehicle operators.

If the parked vehicle has an individual in the driver or passenger seats, they are parties to be included in the crash. If a parked vehicle does not have a driver or passengers, but those individual(s) are near the parked vehicle, the vehicle is parked unattended and the driver/passengers are non-motorists (who may or may not be involved in the crash).

Examples

The following examples are considered parked vehicles:

- An occupied, stationary vehicle having just been driven into a parked position, or a vehicle about to be immediately occupied and driven from a parked position, would not be considered parked.

- A stationary vehicle where the driver <u>has walked away</u> from the vehicle for any purpose should be considered parked. For example, a UPS truck would be considered parked when the driver leaves the truck to deliver a package.

The following examples are of a vehicle that is **<u>not</u>** parked.

- A vehicle engaged in traffic but stopped due to congestion (even with the engine turned off).

- A vehicle, briefly stationary for the purpose of, <u>and while engaged in</u>, loading or unloading property or passengers.

- An occupied, stationary vehicle, whether in a lane of traffic or not, and even if not being actively driven. This would include a vehicle stopped while the driver uses a phone or checks a map, or because the vehicle is disabled.

- A disabled vehicle <u>in</u> a lane of traffic, occupied or not.

NOTE: The description of the vehicle and the owner of the parked vehicle will be noted the same as other involved vehicles, covering the year, make, model, etc.:

- **Field 24: Vehicle Owner Name** and **Field 26: Vehicle Owner Street Address** should be utilized to record information on the owner of the parked vehicle.

- **Field 36: Make** through **Field 39: Color** can be used to describe the vehicle.

If the person responsible for the vehicle at the time of the crash is other than the registered owner, is not present as a stationary driver or passenger, and was not cited with a crash related violation, that person's information may be entered in the narrative section.

Trains

In the case of a crash involving a train, the following conventions are to be followed for:

- Locomotive (engine information) is entered in the vehicle information section.

- Engineer's information (name and address) is entered in the driver information section. (However, do not enter a Locomotive Engineer's driver license number).

- Railroad crossing crashes where a trafficway intersects a privately-owned railway crossing are not considered private property.

Header Fields

Electronic Reporting

- In general, these header fields should be filled out automatically by the electronic reporting application when the crash report is entered electronically.

Field 1: Page ___ of ___ Pages

PAGE ___ OF ___ PAGES

Enter the page number for this page (according to its location in the crash report package) in the first blank.

Enter the same number of total number of pages as on the first page of the crash report package (**Field 1: Page 1 of ___ Pages**) in the second blank.

For information on the order of pages in the crash report package, see *The DR3447 Crash Report Package* on page 17 of this manual.

Field 2: Case Number

```
Case #
```

Enter the same case number as on the first page of the crash report package.

Field 3: (Law Enforcement) Agency ORI

```
Agency ORI
```

Enter the same agency ORI of the reporting agency as on the first page of the crash report package.

Field 4: (Law Enforcement) Agency Name

```
Agency Name
```

Enter the same name of the reporting agency as on the first page of the crash report package.

Overall Fields

Field 5: Traffic Unit

```
Traffic
Unit #
```

Enter the Traffic Unit # for this vehicle.

The vehicle or non-motorist that was most at fault for the crash should be assigned the Traffic Unit # 1 being the most at fault for the crash. The other vehicles and/or non-motorists should be assigned subsequent consecutive numbers (2, 3, etc.)

See the section covering *Traffic Unit Number* on page 20 of this manual for the explanation of the Traffic Unit #.

Field 6: Hit and Run Check Box

Change(s):

- New

Hit & Run ☐

Mark this box (enter an "**X**" or ✔) if the driver of the vehicle does not remain at the scene of a crash as required by statute.

Guidance

- The vehicle driven by such an operator/driver shall be listed as Vehicle #1 when the primary cause of the crash can be attributed to the operation of such vehicle and such vehicle may be referred to as the "run vehicle".

- As much information as possible about the "run vehicle" should be entered in the Traffic Unit/Motor Vehicle information fields on pages C and D.

- If the original report was submitted, and the driver of the "run vehicle" that left the scene is subsequently identified, a follow-up report must be submitted. This should be done even if the original report was submitted as being complete

- *However*, the hit and run check box should remain checked if the crash originated as a hit and run, even if the crash is later amended to indicate information about the run vehicle and driver on this page of the DR3447 package.

- If more than one vehicle involved in the crash qualifies as "Hit and Run", then the above applies to each of those vehicles. Number the Traffic Units based on the most reasonable crash reconstruction.

Field 7: Non-Contact Vehicle Check Box

Non-Contact
Vehicle ☐

Mark this box (enter an "**X**" or ✔) if the vehicle did not contact any other Traffic Unit involved in this crash.

Guidance

A "non-contact vehicle" is defined as a traffic unit which is involved in the circumstances of a crash but does not strike anything and is not struck. See the glossary for a definition and examples of a non-contact vehicle.

This would be the case, for example, if another driver had to swerve to avoid hitting it, but did not collide with it.

If a driver of a non-contact vehicle is cited or could be cited as a result of their contribution to the crash, the appropriate driver and/or vehicle information should be entered on this page as well as the narrative and diagram.

Driver Fields

Field 8: Driver's Name

(Driver) Last Name	First Name	MI

Enter the driver's last name, first name, and middle initial.

Follow the structure as defined in the section on Entering A Person's Name, on page 12.

If the vehicle was not occupied by a driver when the crash occurred, then leave this (and the other driver-related fields) blank.

Field 9: Driver's Phone Number

Phone

Enter a phone number, including the area code. If the phone number is unknown, do not enter "NONE". Instead, leave the field blank.

Field 10: Driver's Street Address

(Driver) Street Address	City	State	ZIP

Enter the driver's current street, route or P.O. Box address. The investigating officer should confirm the address of involved parties by asking them. Do not rely solely on the information given on a driver's license or registration.

Enter the city, state, and zip code. The standard two-letter abbreviations for states are listed in **Appendix B** and should be used when completing these fields. If a foreign country has a state or province listed in **Appendix C**, use the state or province rather than the country code.

Field 11: (Driver) Date of Birth

DOB

Enter the driver's date of birth following the same MM/DD/YYYY format.

Business Rules

- If the driver is a juvenile (under the age of 18) then **Field 25:Juvenile(s) Involved Check Box** on MAIN CRASH REPORT PAGE (Page A) must be checked.

Example: 05/15/1969

Field 12: Driver License Number

```
Driver License Number

```

Enter the driver's license number or state identification number. Use the original license number rather than a reissue number or a probationary number.

Guidance

What number to enter/when:

- If the license is under restraint, enter the PIN in the field.

- If an operator of a unit is not required to have a driver's license (e.g. train engineer), do not enter a license number in this field.

- If the driver has a valid driver's license and it is not in his possession, obtain a driving record and enter the driver's license number in this field.

- If there is no record of a driver's license, leave this field blank.

- If the driver is operating a military vehicle in the performance of his or her military duties at the time of the crash, the correct license to use is the government-issued license rather than one from a particular state.

Entering the appropriate number:

- A PIN can be entered with or without the embedded dashes. For example, either 92-045-2116 or 920452116 are acceptable.

Field 13: Unlicensed Driver Check Box

Change(s):

- New

Rationale:

- Clarify what to enter if driver does not have a driver's license, and why the Driver License Number field is left blank.

Unlicensed
Driver ☐

Mark this box (enter an "X" or ✔) if this driver does not have a driver's license **and** no number can be obtained from a driving record.

NOTE: If the person's driver license has been suspended or revoked, their driver license number should be entered, and this checkbox should NOT be checked.

Validation Rules

If the Unlicensed Check Box is marked, then the Driver's License Number field should be blank.

Field 14: CDL (Type)

CDL

If driver has a Commercial Driver's License (CDL), enter the appropriate type: A, B, or C.

Field 15: (Driver License) State (or Country)

State

Enter the standard two-letter abbreviation of the state which issued the driver's license entered above. See **Appendix B** for a list of state codes.

If the license is issued by an authority outside the United States, enter the two-letter abbreviation for the country (or state/province) of issuance taken from **Appendix C**. If no license is shown, leave this field blank.

Field 16: Driver Sex

Sex

Enter the letter "**M**" for a male or the letter "**F**" for a female, or "**X**" for non-binary.

NOTE: Follow the gender as identified on the driver's license. (A transgender person can have that changed through a legal process.) As of November 30, 2018, the Colorado Division of Motor Vehicles (DMV) offers a third sex identifier, X (non-binary), on Colorado driver licenses, instruction permits and identification cards.

Field 17: (Driver) Email

Email

Enter an email address that can be used to contact the driver. If no email address is given, do not enter "NONE". Instead, leave the field blank.

Field 18: Primary Violation

Primary Violation

Enter the primary crash-related charge in this field (such as Failed to Yield Right of Way), not the DUI-related charges.

A primary crash-related charge is defined as a violation of the motor vehicle laws relating to vehicle movement and contributing to a crash.

Guidance

- Common primary crash-related charges include careless driving, careless driving caused injury, or careless driving caused death. In some areas of the state, Improper driving on a mountain highway also becomes an appropriate charge when driving in a manner inappropriately for mountainous terrain was a primary cause of the crash. Other charges can be primary (vehicular assault, vehicular homicide, reckless driving) based on officer discretion and the circumstances of the crash.

- An administrative violation, such as expired license plates, is considered a secondary violation under this definition and need not be listed on the crash report unless it is the only violation charged. Some jurisdictions may require that all violations charged be listed. If this is the case in your jurisdiction, the crash-related charge should be listed first on the report (for example, Careless Driving/No Valid Operator's License).

- Generally, deceased driver charges should not be listed on the DR3447; however, if the officer's agency requires a listing of charges or a for record only citation, the officer should follow agency policy in this regard.

NOTE: It is recommended that the other charges be listed in the narrative as this may be the only documentation the agency has to reference 5 to 10 years later for civil testimony.

Validation Rule

If this field is filled in, the next three fields must also be completed.

Field 19: DUI Check Box

```
DUI
☐
```

Mark this box (enter an "**X**" or ✔) if DUI, DUID or DWAI is charged.

Field 20: Violation Code

```
Violation Code

```

Enter the appropriate state statute or municipal ordinance number for the primary violation. If only an alcohol or drug related charge is applicable, enter that number here.

Guidance

Enter the most appropriate (most specific) infraction. Only use "Careless" if no other violation applies

Field 21: Citation Number

```
Citation Number

```

Enter a citation number, if any, which corresponds with the violation charged. If the charge was filed directly with the District Attorney, enter "**DIRECT FILE**". If charges are pending, enter the word "**PENDING**".

Field 22: Common Code

```
Common Code

```

Enter the appropriate common code for the primary violation entered above.

Vehicle Owner Fields

Field 23: Same Name Checkbox

```
Same
Name   ☐
```

If the name on the registration is the same as the driver, mark (enter an "**X**" or ✔ in) the **Same Name** check box. This will signify the registered owner was the driver of the vehicle.

Field 24: Vehicle Owner Name

Vehicle Owner Last Name	First Name	MI

Enter the owner's last name, first name and middle initial.

Follow the structure as defined in the section on Entering A Person's Name, on page 12.

If the name shown on the registration is other than the driver, the information on the registration must be entered. When more than one party is indicated as owner, both names may be entered.

When a misuse of plates or other ownership irregularities are suspected, the reporting officer must determine the identity of the current vehicle owner, and the current vehicle owner's name is to be entered.

The definition of owner from Colorado Revised Statutes 42-1-102(66) is: "Owner" means a person who holds the legal title of a vehicle; or, if a vehicle is the subject of an agreement for the conditional sale or lease thereof with the right of purchase upon performance of the conditions stated in the agreement and with an immediate right of possession vested in the conditional vendee or lessee or if a mortgagor of a vehicle is entitled to possession, then such conditional vendee or lessee or mortgagor shall be deemed the owner for the purpose of articles 1 to 4 of this title. The term also includes "parties otherwise having lawful use or control or the right to use or control a vehicle for a period of thirty days or more."

When a lien holder is named first, do not use this name unless it is the only one listed.

Field 25: Same Address Checkbox

Same Addr. ☐

If the address indicated on the registration is the same as that for the driver, mark (enter an "**X**" or ✔ in) the **Same Address** checkbox.

Field 26: Vehicle Owner Street Address

Vehicle Owner Street Address	City	State	ZIP

Enter the vehicle owner's street, route or P.O. Box address along with the city, state, and zip code for that address.

Field 27: Insurance Company

Insurance Company

Enter the name of the insurance company insuring the vehicle. If the operator has no insurance or no proof of insurance, leave the insurance fields blank. If insurance is not required, enter "Not Required" in this field.

Guidance

- No Proof means the officer believes the driver has insurance, but does not have proof at the time of the crash, i.e., the date on the insurance card is expired.

Field 28: None Check Box

☐ None

Mark this box (enter an "**X**" or ✔) if the operator admits to having no insurance, if the proof offered indicates the insurance has expired, or if you are able to ascertain that the operator does not have active insurance.

Field 29: No Proof Check Box

☐ No Proof

Mark this box (enter an "**X**" or ✔) if the operator claims to have insurance but has no proof of the insurance.

Field 30: Expiration Date

Expiration Date

Enter the expiration date of the policy. Leave this field blank if the operator has no insurance, no proof of insurance, or if insurance is not required.

Field 31: Policy Number

Policy Number

Enter the insurance policy number of the company insuring the vehicle. Leave this field blank if the operator has no insurance, no proof of insurance, or if insurance is not required.

Vehicle Fields

Field 32: License Plate Number

License Plate No.

Enter the license plate that is attached to the vehicle. Do not use the tab or validation sticker number. Enter the license plate number even if it is expired.

Field 33: State or Country

State or Country

Enter the appropriate two-letter abbreviation for the state or country which issued the license plate number. See Appendix B for a list of state codes, and Appendix C for country codes.

Field 34: Vehicle Identification Number

Vehicle Identification Number

Enter the vehicle identification number. Verify that the number listed on the registration matches the number on the vehicle.

Field 35: Year

Year

Field 1: Enter the year of manufacture of the vehicle, using the information from the registration if available. Use four digits.

Field 36: Make

Make

Enter the make of the vehicle from the registration.

For example, Toyota.

Field 37: Model

Model

Enter the model name or designation given to the vehicle

For example; Prius.

Field 38: Body Type

Body Type

Enter the body type of the vehicle.

For example, enter "SD" for Sedan.

GUIDANCE

See **Appendix G** for the full set of Body Types.

Field 39: Color

Color

Enter the color of the vehicle from the registration papers, unless the vehicle has been repainted. The standard color terms used by the Department of Revenue are to be used whenever possible.

For example: Red.

Guidance

For a list of colors, see **Appendix H**.

If the vehicle is more than one color, list the primary top color over the primary bottom color.

Vehicle Damage Fields

Field 40: No Damage Check Box

Change(s):

- Added a checkbox if the vehicle was not damaged by the crash

Rationale:

- Clarifies to the officer how to specify that no damage occurred to the vehicle (and why the Vehicle Damage Severity diagram has been left blank).

No Damage ☐

Mark this box (enter an "**X**" or ✔) if the vehicle itself did not sustain any apparent damage due to the crash.

Field 41: Vehicle Damage Severity
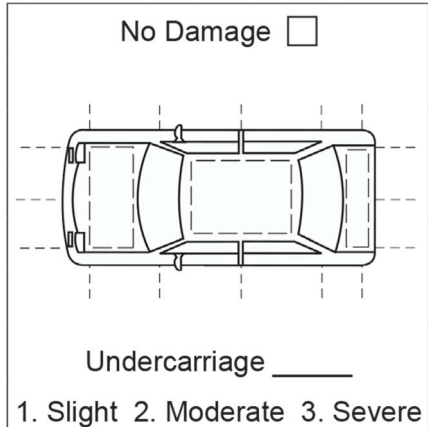
Damage severity to either a vehicle is shown on this diagram by using the damage code numbers 1, 2, or 3 written within the marked-off sections.

    a. **1 - Slight** damage means scratches, minor dents, and cracked windows.

    b. **2 - Moderate** damage means moderate dents, windows out, etc.

    c. **3 - Severe** damage means major body/mechanical damage.

Damage to the windshield or the rear window should be shown in the roof section of the vehicle along with any damage to the top. Investigating officers should only code damage resulting from the crash being investigated. Old damage should not be shown.

Business Rules

- If the No Damage Check Box is checked, then no points on the vehicle may have any damage codes (1-3) entered.

- Zero (0) is not to be used to show no damage. Only blanks are to be used for areas with no damage on the vehicle.

Field 42: Towed

Change(s):

- Expanded from the previously limited **Towed due to damage** checkbox

Rationale:

- Clarifies to the officer what to enter in different conditions.

- Consistent with federal requirements for commercial motor vehicles.

Enter the appropriate code in the field, corresponding to whether the vehicle was towed or not, and whether the damage incurred during the crash was disabling, requiring it to be towed. The possible codes are:

- 00. Not towed

- 01. Towed Due to Disabling Damage

- 02. Towed, But Not Due to Disabling Damage

Guidance

The FMCSA definition of *disabling damage* is:

- "Towed" means transported away from the scene by a tow truck or other motor vehicle.

- If the vehicle was not towed by the time the officer leaves the scene, then this should be marked as 00 Not Towed.

- Disabling damage means damage which precludes departure of a motor vehicle from the scene of the accident in its usual manner in daylight after simple repairs. Disabling damage includes damage to a motor vehicle that could have been driven but would have been further damaged if so driven. Disabling damage does **not** include:

  - ➢ Damage which can be remedied temporarily at the scene of the accident without special tools or parts.

  - ➢ Tire disablement without other damage even if no spare tire is available.

  - ➢ Headlamp or taillight damage.

  - ➢ Damage to turn signals, horn, or windshield wipers which makes them inoperative.

Field 43: (Towed) By

Enter the name of the company that towed the vehicle.

Field 44: (Towed) To

Towed
00. Not towed
01. Towed Due to Disabling Damage
02. Towed, But Not Due to Disabling Damage

By:

To:

Enter the location to which the vehicle was towed.

If the storage location of the towed vehicle is different than the tow company's usual storage yard, also enter the storage location.

Trailer Fields

Change(s):

- Allow up to the maximum legal configuration to be entered

- Expanded the space to write down the information for trailers; VIN, license plate, Disabling Damage checkbox for each

Rationale:

- Make it easier for the officer; to enter all the trailer-related information in the right location, rather than going to the narrative.

Guidance

- The maximum number of trailers/dollies a vehicle may be pulling is five; with a configuration of a triple plus two dollies.

- All trailers and dollies should have VINs.

- The trailers/dollies should have license plate numbers, except perhaps dollies (though they should have VINs and most will have registration numbers as well).

- Only fill in the fields for which there are trailers/dollies.

- It is not required to specify what parts of a trailer have been damaged. It is only necessary to indicate if the trailer has suffered disabling damage.

- The Guidance regarding *Disabling Damage* given above also applies to the **Disabling Damage checkbox** for each trailer.

- If the trailer cargo was damaged, that can be noted in the narrative.

Validation Rules

- VIN and/or License Plate number should be filled out for the number of trailers identified in the Number of Trailers field.

Field 45: Number of Trailers

Number of Trailers:	
Trailer 1: VIN#	
License Plate:	Disabling Damage ☐

Enter the number of trailers (including dollies) pulled by the vehicle.

Field 46: Trailer Fields

Number of Trailers:	
Trailer 1: VIN#	
License Plate:	Disabling Damage ☐

Enter the Vehicle Identification Number (VIN) for each trailer/dolly if available.

Enter the License Plate numbers for each trailer/dolly if available.

Mark the Disabling Damage Check Box (enter an "**X**" or ✔) for each trailer/dolly if it sustained disabling damage due to the crash.

Guidance

Use the same FMCSA definition for *disabling damage* as for **Field 42: Towed** above.

Field 47: Vehicle Defect/Condition (Officer Opinion Only)

Change(s):

- Additional codes added for the vehicle load.

Rationale:

- To make it clearer for an officer when the issue was relative to the vehicle load,

```
┌─┬─┐  VEHICLE DEFECT/CONDITION
│ │ │  (OFFICER OPINION ONLY)
└─┴─┘
00. No Vehicle Defects          08. Mechanical Failure
01. Defective Head Light(s)     09. Obstructed Window(s)
02. Defective Brake/Tail Light(s)  10. Improper Load
03. Defective Signaling Device  16. Cargo/Equipment Loss or Spill
04. Brakes Defective/Out of Adjustment  17. Cargo/Equipment Shift
05. Defective Tires             14. Parking Violation
06. Sudden Tire Failure         15. Other Defect(s) (Describe in
07. Improper Tires for Conditions      Narrative)
```

Enter the code that best describes any vehicle defect or condition that may have been a contributing factor in the crash. For example, if the heaviest cargo was not loaded at the end of the trailer, near the driver's cab, it could result in the rear of the trailer fishtailing in the event of external interference. This would be marked as **10.** Improper Load. If several defects/conditions were present, select the number of the most significant defect/condition.

The following changes were made to the selections for this field:

- The three selections 11. Spilled Load – Commercial Aggregate, 12. Spilled Load – Commercial Non-Aggregate, and 13. Spilled Load – Other were deleted.

- Two selections were added:

  - ➢ 16. Cargo/Equipment Loss or Spill for when there was any loss or spill of the load or of associated equipment, and

  - ➢ 17. Cargo/Equipment Shift for when there was any shift in the load or equipment that may have contributed to, or was otherwise involved in the crash.

Vehicle – To Complete Only for Fatalities

Field 48: Crash Avoidance Maneuvers

Change(s):

- Modified the codes available

Rationale:

- Simplified the choices for the officer

```
CRASH AVOIDANCE
         MANEUVER
00. No Avoidance Maneuver
07. Braking
08. Steering
09. Steering and Braking
10. Accelerating
11. Steering and Accelerating
06. Other Avoidance Maneuver (Describe in Narrative)
```

Enter the code that best corresponds to evidence of any crash avoidance maneuver taken by the traffic units involved in the crash. If **06. Other Avoidance Maneuver** is selected, explain the maneuver in the narrative.

Field 49: Fire/Hazardous Materials Involvement

Change(s):

- Moved from Fatal Supplement

Rationale:

- Removes the need for a supplement in the event of a fatality (and the associated redundancy)

```
FIRE/HAZARDOUS
MATERIALS INVOLVEMENT
00. No Fire/No Haz-Mat Cargo
01. No Fire/Haz-Mat Cargo Not Involved
02. No Fire/Haz-Mat Incident
03. Vehicle Fire/No Haz-Mat Cargo
04. Vehicle Fire/Haz-Mat Cargo Not
    Involved
05. Vehicle Fire/Haz-Mat Incident
```

Enter the code that best describes fire or hazardous material involvement in the crash.

Note: Do not include fuel spilled from the vehicle fuel tank as Hazardous Materials Involvement.

Guidance

The codes are further explained below:

- 00. No Vehicle fire. Vehicle was not carrying hazmat cargo.

- 01. No Vehicle fire. Vehicle was carrying hazmat cargo, but it was not released.

- 02. No Vehicle fire. Vehicle released hazmat cargo.

- 03. Vehicle caught fire. Vehicle was not carrying hazmat cargo.

- 04. Vehicle caught fire. Vehicle was carrying hazmat cargo, but it was not involved in the fire, nor was it released.

- 05. Vehicle caught fire. Vehicle's hazmat cargo was either released or involved in the fire.

Driver/Occupant Fields

Change(s):

- The first row is for the driver

- The fatal information is incorporated into the fields

- Additional space available for the name and address

Rationale:

- Facilitate the entry of data for the occupants of the vehicle

- Remove the need for a fatal supplement (and the associated redundancy)

The driver/occupant fields, located in the bottom half of the Traffic Unit/Vehicle page (page C) of the **DR3447**, must be completed for reportable occupants of this vehicle.

Guidance

- Use the INVOLVED PERSON OVERLAY (Overlay A) to fill out these fields.

- Enter data only for occupants of this vehicle in these fields. Do NOT enter data for occupants of another vehicle.

- If there are more than 4 occupants (including the driver) in this vehicle, then use an optional ADDITIONAL MOTOR VEHICLE OCCUPANTS (Optional Supplement A) for the additional occupants.

- The detailed occupant information should be filled out for <u>all persons in or on this vehicle</u> **except for <u>uninjured</u>** bus passengers or **<u>uninjured</u>** railway passengers.

- For uninjured busses or railway passengers, do the following:

  - ➢ In one row of the Occupant Details section (or in one row of the ADDITIONAL MOTOR VEHICLE OCCUPANTS (Optional Supplement A)), enter the total number of uninjured passengers in the Name/Address field. For example, enter "*10 uninjured passengers*".

  - ➢ If the bus or railway vehicle provided the option of seat belts, then enter the number of uninjured passengers that were **<u>belted</u>** in another row of the Occupant Details section (or

in one row of the ADDITIONAL MOTOR VEHICLE OCCUPANTS (Optional Supplement A)) in the Name/Address field. For example, enter "*7 uninjured, belted passengers*".

See the Overlay A description on the following page for reference.

Guidance

Regarding which occupants should be listed:

- If a bus or railway passenger originally was thought to be uninjured, but an injury later shows up, an amended report should be filed, with this individual added to the DR3447 as soon as possible after the discovery/diagnosis of the crash related injury.

- If a juvenile is involved (since there is special consideration for juvenile privacy), the juvenile individual's data should be filled out in full (including names and age, DOB), with the juvenile box checked so each agency can follow redaction rules for juvenile records.

Figure 16: Involved Person Overlay (Overlay A) – For Reference

DR 3447 (11/09/18)   **INVOLVED PERSON OVERLAY   NOT TO BE SUBMITTED TO DOR**

Position In/On Vehicle	**A**

```
                    14
  +----+----+----+
  | 03 | 06 | 09 |                            +----+
  +----+----+----+----------------+           |    |
<=| 02 | 05 | 08 |   10/11/12      |          | 13 |
  +----+----+----+----------------+           +----+
  | 01 | 04 | 07 |
  +----+----+----+
```

01. Driver
02-09. Passengers
   10. Other ENCLOSED Passenger/Cargo Area
   11. Other UN-ENCLOSED Passenger/Cargo Area
12. Sleeper Section of Truck
13. Trailer
14. Riding/Hanging on to Exterior
    of Vehicle or Trailer

A	**AIRBAG - DEPLOYMENT**	**G1**

00. Not Equipped
01. Not Deployed
02. Deployed at pos. Only
03. Deployed at pos. and Others
04. Not Deployed at pos., Deployed at Others
05. Unknown
    (Describe in Narrative)

G2	**AIRBAG - TYPE**

A. None
B. Front
C. Side
D. Curtain
E. Rear
F. Multiple
G. Knee
H. Air Belt
I. Center Console
J. Pedestrian Airbag
K. Other Airbag Type(Describe in Narrative)

B	**DRIVING RESTRICTIONS**

00. None
01. Complied With
02. Not Complied With
03. Compliance Not Known
04. Did Not Comply With GDL 6 Months
05. Did Not Comply With GDL 12 Months

H	**INJURY SEVERITY**

00. No Apparent Injury (O)
01. Possible Injury (C)
02. Suspected Minor Injury (B)
03. Suspected Serious Injury (A)
04. Fatal Injury (K)

C	**DRIVING ENDORSEMENTS**

00. None
02. Not Complied With
01. Complied With
03. Compliance Not Known

I	**ALCOHOL SUSPECTED (OFFICER OPINION ONLY)**

YES
01. Preliminary Breath Test
02. SFST
03. Observed
05. Other Method
NO
06. Preliminary Breath Test
07. SFST
08. Observed
10. Other Method

D	**EJECTION**

00. No   01. Yes – Partial   02. Yes – Full   03. Extricated

J	**TESTED FOR ALCOHOL**

00. Not Tested
01. Blood
02. Breath
04. Other
05. Refusal
06. By Coroner – Unknown
07. By Coroner – Blood
08. By Coroner – Urine
09. By Coroner – Fluids
10. By Coroner – Other

E	**EJECTION PATH**

00. Not Ejected/ Not applicable
01. Through Side Door Opening
02. Through Side Window
03. Through Windshield
04. Through Back Window
05. Through Back Door/Tailgate Opening
06. Through Roof Opening
    (Sun Roof/Convertible Top Down)
07. Through Roof (Convertible Top Up)
08. Other Path (e.g. Back of Pickup Truck)
09. Unknown
10. Motorcycle

K	**MARIJUANA SUSPECTED (OFFICER OPINION ONLY)**

00. Marijuana Not Suspected   01. Marijuana Suspected   02. Unknown

F1	**SAFETY EQUIPMENT - AVAILABLE**

A. None
B. Shoulder and Lap Belt
C. Shoulder Belt Only
D. Lap Belt Only
H. Child Restraint – Forward Facing
I. Child Restraint – Rear Facing
J. Child Restraint – Type Unknown
K. Booster Seat
F. N/A (e.g. Motorcycle)

L	**TESTED FOR MARIJUANA**

00. Not Tested
01. Blood
04. Other
05. Refusal
06. By Coroner – Unknown
07. By Coroner – Blood
08. By Coroner – Urine
09. By Coroner – Fluids
10. By Coroner – Other

F2	**SAFETY EQUIPMENT - USE**

(Restraints and MC Eye Protection)
00. Not Used
01. Properly Used
02. Improperly Used
03. Unknown

M	**OTHER DRUG/IMPAIRMENT SUSPECTED (OFFICER OPINION ONLY)**

YES
01. Drug Recognition Expert
02. SFST
03. Observed
04. Other Method
NO
05. Drug Recognition Expert
06. SFST
07. Observed
08. Other Method

F3	**SAFETY EQUIPMENT - HELMET**

A. N/A (e.g. Cars/Ped/etc.)
B. No Helmet
C. Available, Not Used
D. Helmet Improperly used
E. Helmet Properly used
F. Unknown (Describe in Narrative)

N	**TESTED FOR OTHER DRUGS**

00. Not Tested
01. Blood
04. Other
05. Refusal
06. By Coroner – Unknown
07. By Coroner – Blood
08. By Coroner – Urine
09. By Coroner – Fluids
10. By Coroner – Other

TU#	A	B	C	D	E	F1	F2	F3	AGE	Name/Address		AA	Expired Date

G1	G2	H	I	J	K	L	M	N	SEX	EMS Trip #	Taken To	BB	Expired Time

TO BE FILLED OUT ONLY IN THE EVENT OF A FATALITY	**DEAD AT SCENE** 00. No 01. Yes	**AA**	**TRANSPORTED BY** 01. Ambulance 02. Air 03. Not Transported 04. Other (Describe in Narrative)	**BB**

Field 50: Name/Address

```
┌────────────────────────────────────────────┐
│                                              │
│      DRIVER NAME AND ADDRESS ARE ABOVE       │
│                                              │
└────────────────────────────────────────────┘
```

Enter the name and address. In the first row, this information applies to the driver, which should already be recorded in the driver section and thus does not have to be filled out here. The next three rows are for other reportable occupants, and the Name/Address should be filled out for them.

Guidance

- If the vehicle is a bus or railway, then the name/address need only be entered for the fatal and injured parties (classifications 02, 03, and 04).

- If an officer has only obtained a partial name, enter only that information obtained. If an officer wasn't able to obtain a name, enter "unknown".

- If further investigation into the person's identification is pending (e.g. if such will be done at a hospital or by the coroner), add a note in the narrative indicating steps for pending identification.

- If no further identification will be possible (in the case of a PD turned fatal with an out of state passenger who was not otherwise identified during investigation of the PD crash), add a note in the narrative indicating that situation.

Field 51: A-Position in/on Vehicle

```
┌──────┐
│  A   │
├───┬──┤
│   │  │
└───┴──┘
```

This field applies to the driver and all passengers of the motor vehicle.

This field must be completed for all reportable occupants.

Enter the position of the occupant or passenger as per the diagram provided on the INVOLVED PERSON OVERLAY (Overlay A). All bus passengers are classified as 10.

Special cases:

- For bus passengers, enter **10. Other Enclosed passenger**.

- For people individuals in a pickup truck bed, enter **11. Unenclosed passenger**.

- For a motorcycle passenger, enter 04 (or 04 and 07 for motorcycles with one driver and two passengers).

Field 52: B-Driving Restrictions

This field only applies to driver (which should be in the first row).

This field must be completed for drivers of the vehicles with information pertaining to their compliance with driving restrictions.

If driver has no restrictions, enter 00. None. If restrictions did apply, then enter the code that best corresponds to the driver's compliance with the restriction(s). "Restrictions" means restrictions such as corrective lenses, left side mirror, interlock, etc., not driving suspensions.

Note the addition of the codes for GDL 6-months and GDL 12-months restrictions.

Field 53: C-Driving Endorsements

This field only applies to driver (which should be in the first row).

This field must be completed for the driver of the vehicle only if endorsements are necessary for the type of vehicle, i.e. motorcycle, hazmat, etc.

If no endorsements are required, enter **00. None**. If endorsements are required, then enter the code that best corresponds to the driver's compliance with the endorsement requirements.

Field 54: D-Ejection

This field applies to the driver and all passengers of the motor vehicle.

Enter the code **00** if the occupant was not ejected. Enter the code **01** if the physical forces of the collision caused partial ejection of a major or significant portion of the body, for example, the head or the torso. Enter the code 02 if the occupant was fully ejected. Enter the code **03** if the occupant had to be extricated from the vehicle.

Field 55: E-Ejection Path

This field applies to the driver and all passengers of the motor vehicle.

Enter the code corresponding to the path of ejection followed by the ejected (partially or completely) occupant (only applicable if 01 or 02 was entered for Ejection).

When the motor vehicle is a motorcycle, enter 10. Motorcycle.

Field 56: F1-Safety Equipment – Available

This field applies to the driver and all passengers of the motor vehicle.

Enter the code that describes what type of restraint system was available in the traffic unit. If the traffic unit was a motorcycle, enter **F-Not Applicable**.

Field 57: F2-Safety Equipment – Used

This field applies to the driver and all passengers of the motor vehicle.

Enter the number that describes how the system was used.

In the case of a motorcycle, "Used" refers to eye protection.

Field 58: F3-Safety Equipment – Helmet

This field must be completed for all persons on a motorcycle.

For motor vehicles other than a motorcycle, enter the code **A-Not Applicable**. For a motorcycle, enter a code, B through F, depending whether and how the helmet was used.

Examples

- For a driver who had a lap/shoulder combination restraint and had the lap belt on but put the shoulder portion behind his back, the data would be entered as follows:

  ➢ Field 56: F1-Safety Equipment – Available = B-shoulder and lap belt,

  ➢ Field 57:F2-Safety Equipment – Used = 02. improperly used

  ➢ Field 58: F3-Safety Equipment – Helmet = A-Not Applicable.

- A 4-year-old is belted into a vehicle without a child safety seat. Data for that occupant would be entered as:

  ➢ Field 56: F1-Safety Equipment – Available = B-shoulder and lap belt,

  ➢ Field 57:F2-Safety Equipment – Used = 02. improperly used

  ➢ Field 58: F3-Safety Equipment – Helmet = A-Not Applicable.

- Data for a passenger in a bus with no available occupant restraints would be entered as:

  ➢ Field 56: F1-Safety Equipment – Available = A-none

  ➢ Field 57:F2-Safety Equipment – Used = 00. not used

  ➢ Field 58: F3-Safety Equipment – Helmet = A-Not Applicable.

- Data for a driver of a classic car with no safety equipment installed would be entered as:

  ➢ Field 56: F1-Safety Equipment – Available = A-none

  ➢ Field 57:F2-Safety Equipment – Used = 00. not used

  ➢ Field 58: F3-Safety Equipment – Helmet = A-Not Applicable.

- Data for a motorcyclist wearing protective eyewear but with a helmet strapped to the back seat of the cycle would be entered as:

  ➢ Field 56: F1-Safety Equipment – Available = F-N/A (e.g. motorcycle)

  ➢ Field 57:F2-Safety Equipment – Used = 01. (eye protection) properly used

  ➢ Field 58: F3-Safety Equipment – Helmet = C-available, not used

- It is determined that a motorcyclist was wearing a helmet that was not strapped securely around the head, and the goggles were found stuffed in a saddlebag. This would be entered as:

  ➢ Field 56: F1-Safety Equipment – Available = F-N/A (e.g. motorcycle)

  ➢ Field 57:F2-Safety Equipment – Used = 00. (eye protection) Not Used

  ➢ Field 58: F3-Safety Equipment – Helmet = D-helmet improperly used

- A motorcyclist has glasses perched atop his head and no helmet. This would be entered as:

  - ➢ Field 56: F1-Safety Equipment – Available = F-N/A (e.g. motorcycle)

  - ➢ Field 57:F2-Safety Equipment – Used = 02. (eye protection) improperly used

  - ➢ Field 58: F3-Safety Equipment – Helmet = B-no helmet

Field 59: AGE

Enter the individual's age in years. Months are not included. Children under the age of one are entered as 0.

This field may be left blank if a) the information requested applies to the driver, b) the Date of Birth is already recorded in the driver section, and c) you enter "SAME AS DRIVER" in the name/address field.

This field must be completed for all parties involved in a crash except uninjured bus or railway passengers.

Business Rules

- If the occupant is a juvenile (under the age of 18) then **Field 25:Juvenile(s) Involved Check Box** on MAIN CRASH REPORT PAGE (Page A) must be checked.

Occupant Airbag Fields

This section is for whether an airbag has deployed and what type of airbag it was,

Field 60: G1-Airbag Deployment

Enter the code that describes whether one or more airbags deployed at this position relative to other positions.

Guidance

The available codes are described:

- 00 – The vehicle is not equipped with airbags at this position.

- 01 – The vehicle is equipped with airbags at this position, but they didn't deploy.

- 02 – One or more airbags deployed at this position, but not at any other position.

- 03 – One or more airbags deployed at this position, and one or more airbags also deployed at other positions in the vehicle.

- 04 – No airbags deployed at this position, but one or more did deploy at other positions.

- 05 – It is unknown how the airbags deployed.

Examples

The driver's and right front passenger's front airbags deployed:

Position (A)	Airbag Deployment (G1)	Airbag Type (G2)
01	03	B
03	03	B

The driver's front airbag deploys. There is a passenger in position 03, and the airbag does not deploy:

Position	Airbag Deployment (G1)	Airbag Type (G2)
01	02	B
03	04	B

The driver's front airbag deploys. The passenger's side airbag deploys:

Position	Airbag Deployment (G1)	Airbag Type (G2)
01	03	B
03	03	C

Field 61: G2-Airbag Type

G2

Enter the code that specifies which type of airbag(s) deployed at the position occupied by the person. Use code **A-None**, either if a vehicle not equipped with an airbag or if it was equipped but did not deploy. Code **F-Multiple**, refers to more than one airbag deploying at the position, i.e., both the front and side at passenger position 03.

Note some new types of airbags that have been added:

- G-Knee: Knee airbags are installed in the lower portion of the dashboard, directly in front of the passenger's knees. When a collision occurs, they inflate to fill the space between the dashboard and the passenger's lower legs. (From http://www.takata.com/en/products/airbag05.html)

- H-Air Belt: The inflatable seat belts deploy upon impact of a certain force, quickly expanding and providing added restraint and protection for people riding in the back seat of cars.

Person Injury Severity Field

This field identifies how seriously a person (occupant or non-motorist) was injured.

NOTE: While the codes have not changed, the terms used with the codes have changed to meet federal requirements.

Field 62: H-Injury Severity

Enter the code which best describes the injury severity to the party in question.

Guidance

The standard MMUCC definitions for when to use each injury classification is as follows:

- **00. No apparent injury (O)**

  No apparent injury is a situation where there is no reason to believe that the person received any bodily harm from the motor vehicle crash. There is no physical evidence of injury and the person does not report any change in normal function.

  Note: If a party is transported and is subsequently examined and found to have no injuries, the injury severity for that party would be classified as No Injury.

- **01. Possible injury (C)**

  A possible injury is any injury reported or claimed which is not a fatal, suspected serious or suspected minor injury. Examples include momentary loss of consciousness, claim of injury, limping, or complaint of pain or nausea. Possible injuries are those which are reported by the person or are indicated by his/her behavior, but no wounds or injuries are readily evident.

  Note: If a party is transported and is subsequently examined and found to have no injuries, the injury severity for that party would be classified as Possible Injury.

- **02. Suspected Minor Injury (B)**

  A minor injury is any injury that is evident at the scene of the crash, other than fatal or serious injuries. Examples include lump on the head, abrasions, bruises, minor lacerations (cuts on the skin surface with minimal bleeding and no exposure of deeper tissue/muscle).

- **03. Suspected Serious Injury (A)**

A suspected serious injury is any injury other than fatal which presents one or more of the following symptoms:

➢ Severe laceration resulting in exposure of underlying tissues/muscle/organs or resulting in significant loss of blood.

➢ Broken or distorted extremity (arm or leg).

➢ Crush injuries.

➢ Suspected skull, chest or abdominal injury other than bruises or minor lacerations.

➢ Significant burns (second and third degree burns over 10% or more of the body).

➢ Unconsciousness when taken from the crash scene.

➢ Paralysis.

The following chart from NHTSA provides additional examples of what would qualify for a Suspected Serious Injury.

Figure 17: Suspected Serious Injury Classifications

UNCONSCIOUSNESS
☐ Breathing but not awake and not talking
  ▪ Only qualifies if victim remains unconscious when taken from scene

PARALYSIS
☐ Loss of movement

CRUSH INJURIES
☐ Part of the body is pinned or trapped
  ▪ Victim cannot escape

SKULL, CHEST, OR ABDOMINAL INJURIES
☐ Confused or acts irrational or unusual
  ▪ Impression on windshield might indicate a head injury
☐ Bruising, swelling, bleeding, or deformities of chest or abdomen
☐ Bulging eyes or veins popping in the neck

SIGNIFICANT BURNS
☐ Second- or third-degree burns on ten percent of body (majority of extremity, chest or back)

SEVERE LACERATION
☐ Exposure of underlying tissue and/or oozing and active bleeding

BROKEN OR DISTORTED EXTREMITIES
☐ Limb is deformed
☐ Can see bone

➔ When in doubt, ask EMS personnel for assistance

U.S. Department of Transportation
Federal Highway Administration

NHTSA

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- **04. Fatal Injury (K)**

A fatal injury is any injury that results in death within 30 days after the crash in which the injury occurred. If the person did not die at the scene but died within 30 days of the motor vehicle crash in which the injury occurred, the injury classification should be changed from the attribute previously assigned to the attribute "Fatal Injury".

Refer to the section on *What Constitutes a Crash Fatality* starting on page 13 for a working definition of what is considered a fatality with respect to the DR3447 crash report.

Impairment Fields

This section is for enhanced information regarding suspected alcohol, marijuana, or drug use involved in the crash.

Field 63: I-Alcohol Suspected (Officer Opinion Only)

Enter the code that best corresponds to whether or not other alcohol was suspected, and why.

Guidance

- If you suspect alcohol was involved, enter whichever code **01** through **05** that best describes how you came to suspect alcohol.

- If you did not suspect alcohol was involved, enter whichever code **06** through **10** that best describes how you came to that conclusion.

Explanation of Terms:

- "**PBT**" means Preliminary Breath Test.

- "**SFST**" means behavior of the driver observed during Standardized Field Sobriety Tests.

- "**Observed**" means physical symptoms heard or seen by the officer during investigation, such as slurred speech, staggering, or admissions of alcohol or drug use by the driver, or other physical evidence.

Hierarchy of selections 01 through 03:

- **01 -** The use of a PBT takes priority over an SFST or other observations. Without a PBT, an SFST takes priority over other observations.

- **02 -** SFSTs are observations of a driver as the result of a Standardized Field Sobriety Test.

- **03 -** (Observed) are behaviors, other than an SFST, made during the course of the investigation. These include slurred speech, staggering, admissions of drinking, or other physical evidence.

Examples of alcohol suspected/not suspected:

- While talking to a driver involved in the crash, it is observed that his eyes are bloodshot and his speech is slurred. He has trouble walking back to his car to get his registration. Enter code **03**.

- The driver is transported before you arrive on scene. Empty beer cans are strewn about and the inside of the car smells like of stale beer. Enter code **03**.

- The driver is transported before you arrive on scene. The ambulance attendants note the odor of an alcoholic beverage on the driver's breath, along with nystagmus (repetitive, uncontrolled eye movements) and informs you. Enter code **05**.

- While talking to the driver, indications of intoxication are observed. He submits to a PBT and the reading comes back as 0.148. Enter code 01. Note: even though your suspicions are raised through observations, any time a PBT is used, you should enter either a **01** or a **06**.

- As you talk to the driver, you observe no indications of intoxication. Enter **08**.

Field 64: J-Tested for Alcohol

Enter the code that describes what type of test was given to determine alcohol use.

NOTE: Several additional codes have been added with respect to the type of test performed by the coroner.

Field 65: K-Marijuana Suspected (Officer Opinion Only)

Enter the code that applies to the Officer's suspicion regarding use of marijuana by the person.

NOTE: Marijuana is still considered a drug. It is pulled out separately in order to gather crash information specifically associated with marijuana in the context of the recent legalization by the State.

Field 66: L-Tested for Marijuana

Enter the code that describes what type of test was given/requested to determine marijuana use.

NOTE: Several additional codes have been added with respect to the type of test performed by the coroner.

Field 67: M-Other Drug/Impairment Suspected (Officer Opinion Only)

As pertains to Alcohol Suspected, enter the code that best corresponds to whether or not other drugs (besides marijuana) were suspected, and why.

- Numbers **01** through **04** apply to "suspected".

- Numbers **05** and **08** apply to "not suspected".

A **DRE** evaluation takes precedence over an SFST and an SFST takes precedence over other observations. For example, if both a SFST and a DRE evaluation were performed, note **01. Drug Recognition Expert** (if the evaluation was positive) or **02. Drug Recognition Expert** (if the evaluation was negative).

Field 68: N-Tested for Other Drugs

Enter the code that describes what type of test was given/requested to determine drug use.

NOTE: The codes for breath and urine have been deleted, as these are not applicable. Several additional codes have been added with respect to the type of test performed by the coroner.

Field 69: Sex

Enter the letter "**M**" for a male or the letter "**F**" for a female, or "**X**" for non-binary.

NOTE: Follow the gender as identified on the driver's license. (A transgender person can have that changed through a legal process.) As of November 30, 2018, the Colorado Division of Motor Vehicles (DMV) offers a third sex identifier, X (non-binary), on Colorado driver licenses, instruction permits and identification cards.

This field may be left blank if a) the information requested applies to the driver, b) that information is already recorded in the driver section, and c) you enter "SAME AS DRIVER" in the name/address field.

This field must be used for all parties involved in a crash, except uninjured bus or railway passengers.

To Complete Only for Fatalities or Certain Injuries

This section to be filled out only for a person transported from the crash scene for:

- A Fatality, or

- A Suspected Serious Injury, or

- An injury related to a CMV crash

Please refer to page 15 for a working definition of what constitutes a serious injury.

Field 70: EMS Trip

EMS Trip #

Enter the Trip Number as provided by the EMS staff.

Field 71: Taken To

Taken To

Enter the location where the occupant was taken (for example, Lutheran Hospital, Swan Funeral Home, or Denver Coroner).

If the individual was transported by both ambulance and air, then enter 02. Air. If some other mode of transportation (besides ambulance or air), then enter 04. Other, and describe in the narrative.

To Complete Only for Fatalities

Field 72: AA-Dead at Scene

AA

Enter the code corresponding to whether the person died at the scene (and was not transported for treatment).

- Enter **00** for **No**

- Enter **01** for **Yes**

Field 73: BB-Transported By

BB

Enter the code for the mode use to transport the individual.

Field 74: Expired Date and Time

Enter the pronounced date and time of death for all fatalities. If the death occurred at the scene, and the time is unknown, use the date and time of the crash.

Expired Date
Expired Time

Use the standard format MM/DD/YYYY to fill in this field. **Example:** 05/08/2005.

Enter the pronounced date and time of death for all fatalities. If the death occurred at the scene, and the time is unknown, use the date and time of the crash.

Enter the time using the 24-hour clock system. Do not use a colon.

Example: If death occurred at 2:43 PM, the time would be entered as "1443".

If the date of death is known, but the time of pronouncement is unknown, provide the death date and leave the time of death blank.

Example: If a death was delayed by several days and there was no easily obtainable record of the time of death, provide the date of death with no time of death.

TRAFFIC UNIT/GENERAL VEHICLE AND CMV (Page D)

This page applies to Traffic Units that are motorized vehicles (whether in transport, parked, stopped, or non-contact), and covers additional information on the vehicle and driver as well as CMV related information.

For each motor vehicle involved in the crash, there will be one copy of this page to accompany the copy of the MOTORIZED TRAFFIC UNIT/OCCUPANT (Page C). Together, these two pages (Page C and Page D) cover all the information to be collected on each motorized vehicle involved in the crash.

In the DR3447 package, these pages will follow pages A and B, and each Page D will follow the corresponding Page C.

For detailed information regarding building the DR3447 package, see the section **on The DR3447 Crash Report Package** on page 17.

Note: These fields used to be found on the right side of Overlay A and on Overlay B for the DR2447.

Figure 18: Page D – With Reference Numbers

DR 3447 (11/09/18)

TRAFFIC UNIT/GENERAL VEHICLE AND CMV 1 PAGE ___ OF ___ PAGES

Traffic Unit # 5	Case # 2	Agency ORI 3	Agency Name 4

GENERAL VEHICLE FIELDS

CARRIER TYPE 26	01. Interstate 02. Intrastate 03. Government Vehicle	04. Not in Commerce (If #04 is chosen, complete only the underlined fields below.)

VEHICLE TYPE

CMV SECTIONS REQUIRED
01. Medium/Heavy Trucks GVWR/ GCWR between 10,001 and 16,000
27. Medium/Heavy Trucks GVWR/ GCWR 16,001 or over
02. School Bus (all school buses)

03. Non-School Bus (9 occupants or more including driver) in commerce
04. Transit Bus

VEHICLES UNDER THE GVWR/ GCWR THRESHOLD
05. Passenger Car/Passenger Van
07. Pickup Truck/Utility Van
09. SUV
11. Motor Home
12. Motorcycle
28. Autocycle

15. Farm Equipment
20. Working Vehicle/Equipment

OTHER VEHICLE 6
17. Light Rail
21. Heavy Train
23. Off Highway Vehicle/ATV
24. Snowmobile
25. Low Speed Vehicle
18. Other Vehicle Type (Describe in Narrative)
16. Unknown (Hit and Run Only)

GROSS VEHICLE WEIGHT RATING/GROSS COMBINATION WEIGHT RATING 27 — Enter number of pounds.

TOTAL NUMBER OF AXLES 28
Enter the total number of axles including truck and trailer.

SPECIAL FUNCTION OF MOTOR VEHICLE IN TRANSPORT 7

00. No Special Function
01. Vehicle Transporting Students To/From School
02. Bus – Transit
03. Bus – Charter
04. Bus – Shuttle
05. Bus – Other
06. Construction Equipment
07. Farm Equipment
08. Farm Vehicle

09. Ambulance
10. Police
11. Fire Truck
12. Non-Transport Emergency Services Vehicle
13. Safety Service Patrols – Incident Response
14. Towing – Incident Response
15. Other Incident Response
16. Highway/Maintenance
17. Truck Acting as Crash Attenuator

18. Public Utility
19. Military
20. Rental Truck
21. Taxi
22. Vehicle Used for Electronic Ride-hailing (Uber, Lyft etc.)
23. Other (Describe in Narrative)

Emergency Lights Activated 8 ☐

VEHICLE CONFIGURATION 29
01. Passenger Car (only if HM placarded)
02. Light Truck (only if HM placarded)
03. Bus/Limousine
04. Single-unit Truck (2 axles)
05. Single-unit Truck (3 or more axles)
06. Truck and Trailer
07. Truck Tractor (Bobtail)
08. Truck Tractor and Semi-Trailer
09. Truck Tractor and Double Trailers
10. Truck Tractor and Triple Trailers
11. Other (Describe in Narrative)

DIRECTION OF TRAVEL - PRIOR TO IMPACT (PRIOR TO TURNING MOVEMENT) 9
01. North   03. East   05. South   07. West
02. Northeast   04. Southeast   06. Southwest   08. Northwest

CARGO BODY TYPE 30
01. Bus/ Limousine (seats 9-15 occupants, including the driver)
02. Bus/Limousine (seats 16 or more occupants, including the driver)
03. Van/Enclosed Box
04. Cargo Tank
05. Flatbed/Pickup
06. Dump Bed
07. Concrete Mixer
08. Auto Transporter
09. Garbage Refuse
10. Grain, Chips, Gravel
11. Pole
12. Intermodal Container
13. Vehicle Towing another Vehicle
14. Fire Apparatus
15. Ambulance
16. No Cargo Body
17. Other (Describe in Narrative)

VEHICLE MOVEMENT - PRIOR TO IMPACT 10
01. Going Straight
02. Slowing
03. Stopped in Traffic
04. Making Right Turn
05. Making Left Turn
06. Making U-Turn
07. Passing
08. Backing
09. Entering/Leaving Parked Position
10. Parked
11. Changing Lanes
12. Swerve/Avoidance
13. Weaving
14. Out of Control
15. Traveled Wrong Way
17. Entering Traffic Way/Merge
18. Negotiating a Curve
16. Other (Describe in Narrative)

SEQUENCE OF CRASH EVENTS 31
1st   2nd   3rd   4th

ROADWAY SPEED LIMIT 11 MPH	ESTIMATED VEHICLE SPEED 12 MPH	DRIVER'S STATED SPEED 13 MPH

DRIVER ACTIONS (OFFICER OPINION ONLY) 14
1st   2nd

00. No Contributing Action
02. Impeded Traffic
03. Failed to Yield ROW
04. Disregard Stop Sign
05. Failed to Stop at Signal
06. Disregarded Other Device/ Sign/Markings

07. Improper Turn
08. Turned from Wrong Lane or Position
10. Lane Violation
11. Improper Passing on Left
12. Improper Passing on Right
13. Followed Too Closely
14. Improper Backing
15. Signaling Violation
16. Reckless Driving

17. Careless Driving (if used, next field can not be coded "00")
18. Speeding
19. Too Fast for Conditions
20. Racing
21. Over-Correcting/Over-Steering
22. Lacking Required Chains
23. Other Contributing Action (Describe in Narrative)

NON-COLLISION
01. Ran Off the Road
02. Jackknifed
03. Overturning
04. Downhill Runaway
05. Cargo Loss or Shift
06. Explosion or Fire
07. Separation of Units
08. Crossed the Median/ Center Line
09. Equipment Failure (Tires, etc.)
10. Other (Describe in Narrative)

COLLISION
11. Pedestrian
12. Motor Vehicle in Transport
13. Parked Motor Vehicle
14. Train
15. Pedal Cycle (Bicycle, Tricycle, etc.)
16. Animal
17. Fixed Object
18. Work Zone Maintenance Equipment
19. Other Movable Object
20. Other (Describe in Narrative)

DRIVER - MOST APPARENT HUMAN CONTRIBUTING FACTORS (OFFICER OPINION ONLY) 15
1st   2nd   3rd

00. No Apparent Contributing Factor
02. Asleep or Fatigued
03. Medical
04. Driver Inexperience
05. Aggressive Driving
06. Driver Unfamiliar With Area
07. Driver Emotionally Upset
08. Evading Law Enforcement Officer

09. Physical Disability
11. Distracted/Other Occupant
16. Age/Driver Ability
17. Looked/Did Not See
18. Talking on Phone/Holding
19. Talking on Phone/Hands Free
20. Manipulating Electronic Device
21. Distracted Eating/Drinking
22. Distracted/Smoking

23. Distracted/Manipulating Vehicle Control
24. Distracted/Other Interior
25. Distracted/Other Exterior
26. Sun Glare
27. Not Observed
15. Other Factor (Describe in Narrative)
28. Illness

HAZARDOUS MATERIALS - PLACARDS 32
Did the vehicle have a hazardous material placard?
00. No   01. Yes   02. Required but Missing

HAZARDOUS MATERIALS - RELEASE 33
Was hazardous cargo from the placarded truck released? (Do not count fuel from the vehicle fuel tank)
00. No   01. Yes

HAZARDOUS MATERIALS - CODE 34
Enter the **four** digit number from the placard. If no number on the placard enter the **four** digit Identification number from the shipping paper(s).   1369 / 3

AUTONOMOUS VEHICLE CAPABILITY 16

00. No Automation
01. Driver Assistance
02. Partial Automation
03. Conditional Automation
04. High Automation
05. Full Automation
06. Unknown

Driver Ceded Control of Vehicle 17 ☐

HAZARDOUS MATERIALS - CLASS 35
Enter the one digit number taken from the bottom of the placard.   1369 / 3

CMV FIELDS

Carrier Name 18

Address 19	Dot # 20

LIQUID HAZARDOUS MATERIALS 36
Enter the amount of bulk liquid cargo at time of crash.
01. 0 to 1,000 gallons
02. 1,001 to 2,000 gallons
03. 2,001 to 3,000 gallons
04. 3,001 to 4,000 gallons
05. 4,001 to 5,000 gallons
06. 5,001 to 6,000 gallons
07. 6,001 to 7,000 gallons
08. 7,001 to 8,000 gallons
09. 8,001 gallons and over

Over Height 21 ☐	Over Weight 22 ☐	Over Length 23 ☐	Over Width 24 ☐	Permitted 25 ☐

Header Fields

Electronic Reporting

- In general, these header fields should be filled out automatically by the electronic reporting application when the crash report is entered electronically.

Field 1: Page ___ of ___ Pages

PAGE ___ OF ___ PAGES

Enter the page number for this page (according to its location in the crash report package) in the first blank.

Enter the same number of total number of pages as on the first page of the crash report package (**Field 1: Page 1 of ___ Pages**) in the second blank.

For information on the order of pages in the crash report package, see *The DR3447 Crash Report Package* on page 17 of this manual.

Field 2: Case Number

Case #

Enter the same case number as on the first page of the crash report package.

Field 3: (Law Enforcement) Agency ORI

Agency ORI

Enter the same agency ORI of the reporting agency as on the first page of the crash report package.

Enter the same name of the reporting agency as on the first page of the crash report package.

Field 4: (Law Enforcement) Agency Name

Agency Name

Enter the same name of the reporting agency as on the first page of the crash report package.

General Vehicle Data Fields

Field 5: Traffic Unit

```
Traffic
Unit #   [  |  ]
```

Enter the same Traffic Unit # as for the MOTORIZED TRAFFIC UNIT/OCCUPANT (Page C) that corresponds to this vehicle (see **Field 5: Traffic Unit #**).

The vehicle or non-motorist that was most at fault for the crash should be assigned the Traffic Unit # 1 being the most at fault for the crash. The other vehicles and/or non-motorists should be assigned subsequent consecutive numbers (2, 3, etc.)

See Section **Traffic Unit Number** on page 20 of this manual for the explanation of the Traffic Unit #.

Field 6: Vehicle Type

Change(s):

- Added some codes for different vehicle types

- Removed non-motorist types (e.g. bicycle)

- Removed the codes including trailers

- Separated vehicle type from function (see below)

Rationale:

- To make it easier for the officer to determine what code should to entered for the type of vehicle.

```
[  |  ]  VEHICLE TYPE

CMV SECTIONS REQUIRED
01. Medium/Heavy Trucks GVWR/
    GCWR between 10,001 and
    16,000
27. Medium/Heavy Trucks GVWR/
    GCWR 16,001 or over
02. School Bus (all school buses)

03. Non-School Bus (9 occupants
    or more including driver) in
    commerce
04. Transit Bus

VEHICLES UNDER THE GVWR/
    GCWR THRESHOLD
05. Passenger Car/Passenger Van
07. Pickup Truck/Utility Van
09. SUV
11. Motor Home
12. Motorcycle
28. Autocycle

15. Farm Equipment
20. Working Vehicle/Equipment

OTHER VEHICLE
17. Light Rail
21. Heavy Train
23. Off Highway Vehicle/ATV
24. Snowmobile
25. Low Speed Vehicle
18. Other Vehicle Type (Describe
    in Narrative)
16. Unknown (Hit and Run Only)
```

Enter the code which best describes the type of vehicle.

Guidance

- If the vehicle is present (or the driver is in custody), then enter the corresponding code.

- If this vehicle left the scene, and is not known, then enter 16. Unknown.

  ➤ This field corresponds to the **body type** of the vehicle itself. The next field - ***Special Function of Motor Vehicle in Transport*** - addresses **what the vehicle is used for**.

- Note that the weight threshold for vehicles to be considered CMV has been modified in Colorado, and the codes have been updated to reflect that:

  ➤ 01. Medium/Heavy Trucks, GVWR/GCWR between 10,001 and 16,000

  ➤ 27. Medium/Heavy Trucks, GVWR/GCWR 16,001 or over

NOTE: The above weight limits are applicable even if the vehicle is not a commercial motor vehicle. Those codes should be entered even if for a private vehicle.

- Code 02 corresponds to the familiar body shape of a school bus (whether colored yellow or another color). This code refers to the body type, *whether or not* the vehicle was being used to transport students to or from school.

- Code 03 should be used for any kind of shuttle bus or van that is not a school bus body type

- Codes 05, 07, 09, 11, 12, 15, and 20 correspond to vehicles under the CMV GVWR/GCWR thresholds.

- Code 20. Working Vehicle/Equipment such as snow plows, construction/maintenance equipment.

- 17. Light rail corresponds to RTD Light Rail or commuter rail.

- Code 21. Heavy Train such as BNSF or Union Pacific, or AMTRAK trains (as opposed to RTD Light Rail or commuter rail).

- If the code 23. Off Highway Vehicle/ATV is entered, then the specific type of off-highway vehicle should be described in the narrative.

- The code 24. Snowmobile corresponds to a snowmobile involved in a reportable crash.

- The code 25. Low Speed Vehicle includes such types as a "tuk-tuk" and some kinds of "neighborhood vehicles".

- If code 18. Other is entered, describe the vehicle type in the narrative.

NOTE: For definitions of GVWR (Gross Vehicle Weight Rating) and GCWR (Gross Combination Weight Rating), see the Commercial Motor Vehicle Data on page 140.

Field 7: Special Function of Motor Vehicle in Transport

Change(s):

- New (separated the function from the vehicle/body type above)

Rationale:

- Make it easier for the officer to determine which codes to select based on how the vehicle is being used (which is a different aspect than what type of vehicle it is).

SPECIAL FUNCTION OF MOTOR VEHICLE IN TRANSPORT

00. No Special Function	09. Ambulance	18. Public Utility
01. Vehicle Transporting Students To/From School	10. Police	19. Military
02. Bus – Transit	11. Fire Truck	20. Rental Truck
03. Bus – Charter	12. Non-Transport Emergency Services Vehicle	21. Taxi
04. Bus – Shuttle	13. Safety Service Patrols – Incident Response	22. Vehicle Used for Electronic Ride-hailing (Uber, Lyft etc.)
05. Bus – Other	14. Towing – Incident Response	23. Other (Describe in Narrative)
06. Construction Equipment	15. Other Incident Response	
07. Farm Equipment	16. Highway/Maintenance	**Emergency Lights Activated** ☐
08. Farm Vehicle	17. Truck Acting as Crash Attenuator	

Enter the code which best describes the purpose for which the vehicle was being used (which may differ significantly from the type of vehicle).

Guidance

In order to highlight the differences between **Field 6: Vehicle Type** and **Field 7:Special Function of Motor Vehicle in Transport**, the following examples are given in the pictures below:

- For all three vehicles, the Vehicle Type would be 07. Pickup/Utility Van.

- For the photo on the left, the Special Function would be 09. Ambulance, for the photo in the middle would be 11. Fire Truck, and for the photo on the right would be 08. Farm Vehicle
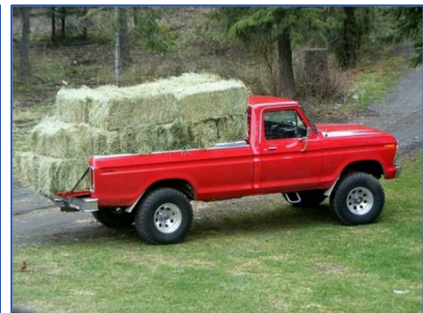
09 **11** **08**

In order to clarify the rules regarding the special case of school buses, the following points are offered:

- The body type of "School Bus" refers to the classic yellow bus, as in the picture below.

- A van, such as the one in the picture below, used for a school function would be coded with Traffic Unit Type = 03. Non-school bus, but with Special Function = 02. Vehicle Transporting Students To/From School.

- A school bus, whether modified or not, and whether owned by a school district or not, that is being used for a non-school function it would be coded with Traffic Unit Type = 02. School Bus, but with Special Function = 03. Bus – Charter (or other function, if appropriate).

Field 8: Emergency Lights Activated Check box

Change(s):

- New

Rationale:

- To help the officer to identify between a vehicle that is responding to an emergency or just on the road.

Emergency Lights Activated ☐

Mark this box (enter an "**X**" or ✔) if this vehicle was an emergency vehicle, and the warning lights (and/or siren or other indicators) were activated.

The following are examples from Colorado Statute identifying service vehicles that would be considered in-service (and the Emergency Lights Activated check box should be checked):

- Authorized emergency vehicle that is giving a visual signal by means of flashing, rotating, or oscillating red, blue, or white lights

- A towing carrier vehicle that is giving a visual signal by means of flashing, rotating, or oscillating yellow lights

- A maintenance, repair, or construction vehicle with yellow lights

In the following situations, the service vehicles should not have their lights activated, and would not be considered in-service and the Emergency Lights Activated check box should not be checked:

- A fire engine being taken to a garage for repairs.

- An ambulance going to get the gas tank filled up.

- A police car being used to go get lunch.

- An emergency vehicle clearly marked as out of service.

- A snow plow that is not actively plowing but is returning from performing its operation.

Field 9: Direction of Travel - Prior to Impact/Prior to Turning Movement

	DIRECTION OF TRAVEL - PRIOR TO IMPACT (PRIOR TO TURNING MOVEMENT)			
	01. North	03. East	05. South	07. West
	02. Northeast	04. Southeast	06. Southwest	08. Northwest

Enter the code which designates the general direction the vehicle was traveling <u>just prior</u> to any turning movement prior to impact.

Guidance

If the vehicle was in the process of turning, then the direction of travel of the vehicle **<u>before</u>** the turn is the direction to enter.

For Colorado highways, regardless of compass direction or switchbacks, "direction" is defined as follows:

- Odd numbered highways are **usually** designated north and south. Milepoints **usually** increase from south to north.

- Even numbered highways are **usually** designated east and west. Milepoints **usually** increase from west to east.

- For roadways that do not follow this general definition, use the direction definition specific to the roadway in question. Example, Colorado Blvd, SH-2. The highway in places is labeled N/S and in other places is labeled E/W. The same is true for US-285 (E and W Hampden Ave) and CO-30 (S Havana St) as mentioned elsewhere.

Examples

- If the vehicle was traveling north and turned left at an intersection where it collided with a vehicle traveling south, then the direction of travel for this vehicle should be entered as 01. North.

- Berthoud Pass, Colorado 40, consists of numerous switchbacks. Vehicles will be classified as headed east or west, depending on which travel lane they were in and regardless of the direction of a specific stretch of the highway.

- Colorado 7, between Brighton and Lafayette, runs east and west by compass. However, it is still labeled north or south for direction of travel.

- The direction should match the direction written in the narrative. It does not necessarily have to match the direction shown in the diagram. If the vehicle was turning, the direction is defined as the direction of travel just prior to the turning movement. If the vehicle was backing, the direction of travel will be the direction the vehicle is backing.

Field 10: Vehicle Movement - Prior To Impact

Change(s):

- Added two codes for additional types of movement.

Rationale:

- To allow the officer to select those additional movements that could contribute to a crash.

	VEHICLE MOVEMENT - PRIOR TO IMPACT	
	06. Making U-Turn	12. Swerve/Avoidance
	07. Passing	13. Weaving
01. Going Straight	08. Backing	14. Out of Control
02. Slowing	09. Entering/Leaving Parked	15. Traveled Wrong Way
03. Stopped in Traffic	Position	17. Entering Traffic Way/Merge
04. Making Right Turn	10. Parked	18. Negotiating a Curve
05. Making Left Turn	11. Changing Lanes	16. Other (Describe in Narrative)

Enter the code which best describes the movement of the vehicle prior to impact.

Field 11: Roadway Speed Limit

ROADWAY SPEED LIMIT

MPH

Enter the posted or legal speed limit for the roadway on which the vehicle was traveling.

White speed limit signs are regulatory. Yellow speed limit signs are advisory. In most cases, you will use the white speed limit sign closest to the first harmful event to complete this field.

Field 12: Estimated Vehicle Speed

```
ESTIMATED VEHICLE SPEED

                          MPH
```

Enter the speed of the vehicle immediately prior to the crash or the first difficulty or event leading to the crash, as estimated by the officer (rather than just stated by the driver).

NOTE: This information is used to develop traffic safety programs and is used by highway engineers to determine appropriate speed limits for a roadway.

Examples

- A vehicle hit a patch of ice which caused it to lose traction and fish tail. The driver then over corrected and went off the road and overturned. The vehicle speed of interest is when the vehicle hit the patch of ice.

- A vehicle started veering into the opposing lane when the driver slammed on the brakes before hitting an oncoming vehicle.

Appendix I contains information to assist in determining estimated vehicle speed based on skid marks and pavement type.

Electronic Reporting

The calculations and tables in Appendix I could be implemented in the application to facilitate the estimation of vehicle speed.

Field 13: Driver-Stated Speed

Change(s):

- New

Rationale:

- Since an officer cannot always estimate the speed, and instead often relies on the driver's statement.

```
DRIVER'S STATED SPEED

                          MPH
```

Enter the speed of the vehicle immediately prior to the crash or the first difficulty or event leading to the crash, as stated by the driver.

Guidance

- If no statement is given by the driver as to the vehicle speed, then leave this field blank.

Field 14: Driver Actions (Officer Opinion Only)

Change(s):

- Added several codes for actions that could contribute to a crash

- A second driver action can be recorded

Rationale:

- Allow the officer to specify any of the missing common actions (rather than having to go to the narrative). Allow the officer to cover the situation where more than one action applies.

DRIVER ACTIONS (OFFICER OPINION ONLY)

1st	2nd

- 00. No Contributing Action
- 02. Impeded Traffic
- 03. Failed to Yield ROW
- 04. Disregard Stop Sign
- 05. Failed to Stop at Signal
- 06. Disregarded Other Device/ Sign/Markings
- 07. Improper Turn
- 08. Turned from Wrong Lane or Position
- 10. Lane Violation
- 11. Improper Passing on Left
- 12. Improper Passing on Right
- 13. Followed Too Closely
- 14. Improper Backing
- 15. Signaling Violation
- 16. Reckless Driving
- 17. Careless Driving (if used, next field can not be coded "00")
- 18. Speeding
- 19. Too Fast for Conditions
- 20. Racing
- 21. Over-Correcting/Over-Steering
- 22. Lacking Required Chains
- 23. Other Contributing Action (Describe in Narrative)

Enter the code that best describes the driver action that led to the crash, in the officer's opinion. Whereas, the next field describes a driver condition, this field defines a specific action, or law violation, that led to the crash occurring.

Guidance

- Up to two driver actions can be entered.

- The more significant action (that had the most impact leading to the crash occurring) should be entered first. The first field must be given a value.

Business Rules

- If the first field is coded **as 00. No Contributing Action**, then the second one should be left empty.

- If **17. Careless Driving** is entered in the first field, then **00. No apparent contributing factor** cannot be entered as the Most Apparent Human Contributing Factor below.

Field 15: Driver-Most Apparent Human Contributing Factors (Officer Opinion Only)

Change(s):

- Added several codes, especially related to distraction.

- Up to three selections are available.

Rationale:

- Allow the officer to specify any of the missing common actions (rather than having to go to the narrative). Allow the officer to cover the situation where more than one action applies.

			DRIVER - MOST APPARENT HUMAN CONTRIBUTING FACTORS (OFFICER OPINION ONLY)	
1st	2nd	3rd		

00. No Apparent Contributing Factor
02. Asleep or Fatigued
03. Medical
04. Driver Inexperience
05. Aggressive Driving
06. Driver Unfamiliar With Area
07. Driver Emotionally Upset
08. Evading Law Enforcement
    Officer

09. Physical Disability
11. Distracted/Other Occupant
16. Age/Driver Ability
17. Looked/Did Not See
18. Talking on Phone/Holding
19. Talking on Phone/Hands Free
20. Manipulating Electronic Device
21. Distracted Eating/Drinking
22. Distracted/Smoking

23. Distracted/Manipulating
    Vehicle Control
24. Distracted/Other Interior
25. Distracted/Other Exterior
26. Sun Glare
27. Not Observed
15. Other Factor
    (Describe in Narrative)
28. Illness

Enter the codes which best describes the human factor, if any, that **contributed** to the crash. These fields indicate which specific driver **conditions** the officer feels contributed to the crash, not specific driving actions.

Guidance

- Up to three contributing factors can be entered.

- The most significant factor (that had the most impact leading to the crash occurring) should be entered first. The first field must be given a value.

- These fields are intended to record the officer's opinion only and may or may not be supported by other evidence.

- Select the codes which best describe the condition of the non-motorist prior to impact that you feel did (or could have) contributed to the crash.

- Medical/Illness has been split, with the following definitions:

  ➢ **03. Medical**: An ongoing, chronic diagnosed condition, such as heart disease, diabetes, epilepsy, cancer, or other medical condition requiring significant ongoing medical care by a doctor, and approval of a physician to maintain driving privileges.

  ➢ **28. Illness**: A condition such as cold, flu, allergies, or other minor medical conditions not requiring the on-going medical management of the condition.

  ➢ **NOTE**: A **Medical** entry will serve as a trigger to the Department of Revenue to require a follow-up medical review and certification to reapprove the driving privileges of an involved party suffering from a medical condition.

Examples of behavior corresponding to the various new codes:

- **16. Age/Ability** – This would be selected where a driver's reaction time or physical condition may have contributed to the crash or to not being able to avoid the crash.

- **17. Looked/Did Not See** – The driver stated that he/she was looking but did not see something leading up to the crash.

- **18. Talking on Phone/Holding** – The driver was holding a phone and in a conversation on the phone leading up to the crash.

- **19. Talking on Phone/Hands Free** – The driver was in a conversation on a phone that was in hand's free mode (i.e. the audio was connected to either an earpiece/headphone or the vehicle) leading up to the crash.

- **20. Manipulating Electronic** Device – The driver was interacting with an electronic device (<u>not</u> associated with the vehicle), such as a phone, laptop, game console, GPS navigation system, etc.

- **21. Distracted Eating/Drinking** – The driver was distracted by the act of eating, drinking, reaching for food or drink, or having dropped food or spilled a drink.

- **22. Distracted/Smoking** – The driver was distracted by the act of smoking, trying to light a cigarette or cigar, or etc., was activating an electronic cigarette, or was reaching for a cigarette, cigar, etc. Dropping a lit cigarette in the vehicle would also be covered by Distracted/Smoking.

- **23. Distracted/Manipulating vehicle control** – The driver was interacting with a vehicle control (gearshift, stereo, integrated GPS, system settings, windshield wipers, autopilot, etc.)

- **24. Distracted/Other Interior** – The driver was distracted by some other source of distraction located such as insects, non-food objects on the floor, <u>within</u> the vehicle not including distraction by a passenger.

- **25. Distracted/Other Exterior** – The driver was distracted by some other source of distraction located <u>outside</u> the vehicle (e.g. another crash, reading a billboard, road construction, etc.).

- **26. Sun Glare** – The driver was distracted by glare, or the driver's vision was impeded by glare.

The following codes have been removed:

- **01. Asleep at the Wheel** – This has been addressed with the modified code 02.

- **10. DUI, DWAI, DUID** – Those cases will now be noted in the fields for suspected alcohol, suspected marijuana, or suspected drugs (to better clarify the type of impairment observed.

- **12. Distracted/Cell Phone** – This has been expanded in the new codes 17 and 18

- **13. Distracted/Radio** – This has been replaced by the new code 23 described above.

- **14. Distracted/Other** – The old selection has been expanded into several new ones (20. 24). If the driver was distracted by something not in the list, select code **15. Other Factor**, and describe the distraction in the narrative.

Business Rules

- If the first or second field is coded as **00. No Apparent Contributing Factor**, then the remaining fields should be left empty.

Autonomous Vehicles

Field 16: Autonomous Vehicle Capability

Change(s):

- New

Rationale:

- Autonomous vehicles are arriving within the next few years, and the form need to be ready for their arrival.

- To allow the officer to enter the relevant information as a field (rather than in the narrative)

AUTONOMOUS VEHICLE CAPABILITY

00. No Automation   03. Conditional Automation
01. Driver Assistance   04. High Automation
02. Partial Automation   05. Full Automation
                                          06. Unknown

Enter the code that best describes the level of autonomy that the vehicle has:

- 00. No Automation: The full-time performance by the human driver of all aspects of the dynamic driving task, even when enhanced by warning or intervention systems.

- 01. Driver Assistance: The driving mode-specific execution by a driver assistance system of either steering or acceleration/deceleration using information about the driving environment and with the expectation that the human driver performs all remaining aspects of the dynamic driving task

- 02. Partial Automation: The driving mode-specific execution by one or more driver assistance systems of both steering and acceleration/deceleration using information about the driving environment and with the expectation that the human driver performs all remaining aspects of the dynamic driving task

- 03. Conditional Automation: The driving mode-specific performance by an Automated Driving System of all aspects of the dynamic driving task with the expectation that the human driver will respond appropriately to a request to intervene

- 04. High Automation: The driving mode-specific performance by an Automated Driving System of all aspects of the dynamic driving task, even if a human driver does not respond appropriately to a request to intervene

- 05. Full Automation: The full-time performance by an Automated Driving System of all aspects of the dynamic driving task under all roadway and environmental conditions that can be managed by a human driver.

NOTE: The definitions above come from a press release regarding US DOT adopting SAE International's levels of automation. (https://www.sae.org/news/3544/) Refer to the table below for determining the level of automation.

SAE level	Name	Narrative Definition	Execution of Steering and Acceleration/ Deceleration	Monitoring of Driving Environment	Fallback Performance of Dynamic Driving Task	System Capability (Driving Modes)
Human driver monitors the driving environment						
0	No Automation	the full-time performance by the *human driver* of all aspects of the *dynamic driving task*, even when enhanced by warning or intervention systems	Human driver	Human driver	Human driver	n/a
1	Driver Assistance	the *driving mode*-specific execution by a driver assistance system of either steering or acceleration/deceleration using information about the driving environment and with the expectation that the *human driver* perform all remaining aspects of the *dynamic driving task*	Human driver and system	Human driver	Human driver	Some driving modes
2	Partial Automation	the *driving mode*-specific execution by one or more driver assistance systems of both steering and acceleration/ deceleration using information about the driving environment and with the expectation that the *human driver* perform all remaining aspects of the *dynamic driving task*	System	Human driver	Human driver	Some driving modes
Automated driving system ("system") monitors the driving environment						
3	Conditional Automation	the *driving mode*-specific performance by an *automated driving system* of all aspects of the dynamic driving task with the expectation that the *human driver* will respond appropriately to a *request to intervene*	System	System	Human driver	Some driving modes
4	High Automation	the *driving mode*-specific performance by an automated driving system of all aspects of the *dynamic driving task*, even if a *human driver* does not respond appropriately to a *request to intervene*	System	System	System	Some driving modes
5	Full Automation	the full-time performance by an *automated driving system* of all aspects of the *dynamic driving task* under all roadway and environmental conditions that can be managed by a *human driver*	System	System	System	All driving modes

Enter **06. Unknown** if you cannot ascertain the level of autonomy of the vehicle.

Field 17: Driver Ceded Control of Vehicle Check Box

Driver Ceded
Control of Vehicle ☐

Mark this box (enter an "**X**" or ✔) if the driver ceded control of the vehicle, in other words, let an autonomous vehicle drive itself.

Business Rules

- If 00, 01, or 02 is entered for **Field 16: Autonomous Vehicle**, then Driver Ceded Control of Vehicle Check Box must not be checked.

- Conversely, if Driver Ceded Control of Vehicle Check Box is checked, then 04, or 05 must be entered in Field 16: Autonomous Vehicle.

Commercial Motor Vehicle Data Fields

This section of the form addresses vehicle information associated with a Commercial Motor Vehicle (CMV). The whole CMV portion of the form must be filled when any self-propelled or towed vehicle meets any of these requirements:

- Is an interstate carrier,

- Is an intrastate carrier,

- Is hauling a placarded hazardous material load,

- Is in commerce and equipped to transport other motor vehicles by means of winches, cables, pulleys, or other equipment for towing, pulling, or lifting,

- *Is used to transport 9 or more people for compensation,*

- *Is designed to transport 16 or more people regardless of compensation,*

- *Is transporting an amount of hazardous material that requires a hazmat placard, or*

- *Is designed or equipped to transport other vehicles via cables or winches.*

Exceptions:

The following vehicles do not require the section to be completed:

- Off-road construction equipment such as a motor scraper, backhoe, motor grader, compactor, tractor, trencher, bulldozer or a railroad track maintenance crane.

Business Rules

- If the vehicle exceeds the GVWR/GCWR threshold of 10,001 or greater, but is <u>not</u> in commerce (e.g. a private owner hauling a 5th wheel camper), then only the following fields need to be completed:

    ➢ Carrier Type

    ➢ GVWR/GCWR

    ➢ Number of Axles

    ➢ Vehicle Configuration

    ➢ Cargo Body Type

    ➢ Sequence of Events

For example:

- Joe Johnson is driving a one-ton pickup truck with a GVWR of 11,000 pounds and is hauling a load of gravel for landscaping his backyard. Since this vehicle is not in commerce, only those underlined fields are required.

Definitions:

- GVWR (Gross vehicle weight rating) is the value specified by the manufacturer as the loaded weight of a single vehicle. Usually found on the VIN label. (Reference: 49 CFR 3905)

- GCWR (Gross combination weight rating) is the value specified by the manufacturer as the loaded weight of a combination (articulated) motor vehicle. In the absence of a value specified by the manufacturer, GCWR will be determined by adding the GVWR of the power unit and the total weight of the towed unit and any load thereon, or the GVWR of the power unit to the GVWR of the trailer. (Reference: 49 CFR 390.5)

Locate the GVWR or GCWR on the door pillar of the driver's side of the vehicle or by looking at the hinge pillar, door-latch post, or door edge for the manufacture label.

Motor Coaches and Buses

The CMV Data Section must be filled out for motor coaches or buses designed or used to transport nine or more people, including the driver, **and** is used in the furtherance of a commercial enterprise. A **commercial enterprise** is a venture or undertaking involving financial commitment and connected to business and commerce in general. Included in this definition are churches, food banks, charities and other non-profit organizations. This includes all school buses. That includes all these examples:

- A vehicle designed or used to transport nine or more passengers (including the driver) and is used by a church to transport its members to a picnic.

- A shuttle bus that transports nine or more passengers (including the driver) from a hotel to the airport.

- A limousine that transports nine or more passengers (including the driver) and is for hire.

- A vehicle designed or used to transport nine or more passengers (including the driver) used by a day care service.

Practical Examples

- Any vehicle in commerce and equipped to transport other motor vehicles by means of winches, cables, pulleys, or other equipment for towing, pulling, or lifting. **The CMV Data Section must be filled out.**

- Speedy courier is driving a vehicle with a GVWR of 4,000. The vehicle has placards due to a small amount of hazardous material on board. **The CMV Data Section must be filled out.** The GVWR is not taken into consideration when a vehicle is hauling hazardous material.

- Al's Mowing Service is using a truck in conjunction with his business. It has a GVWR of 6,000 pounds and is towing a trailer with a GVWR of 4,500 pounds (GCWR = 10,500). **The CMV Data Section must be filled out** because the GCWR is over 10,001 pounds. **However**, because the vehicle is

10,001 pounds or more, but not 16,001 pounds or more, only those fields underlined in the CMV VEHICLE DATA section are required.

- John is driving a ¾ ton truck with a GVWR of 8,800 pounds and towing a trailer with a GVWR of 7,000 pounds (GCWR = 15,800 pounds) loaded with hay. **The CMV Data Section must be filled out**. **However**, because the vehicle is 10,001 pounds or more, but not 16,001 pounds or more, only those fields underlined in the CMV VEHICLE DATA section are required.

- Al's Mowing Service is using a truck in conjunction with his business. It has a GVWR of 6,000 and is towing a small trailer with a GVWR of 4,000 (GCVW = 10,000). **The CMV Data Section is not required**. Although it is being used for business purposes, the GCWR is less than 10,001 pounds and **is not** considered a commercial vehicle.

- Farmer John is driving a ¾ ton truck with a GVWR of 8,800 hauling bags of grain from the market. **The CMV Data Section is not be required**, even if interstate transport, since the GVWR is less than 10,001, and the vehicle is not considered in commerce.

- A pickup (such as Ram 3500) with a GVWR less than 10,001 used in commerce. **The CMV Data Section is not required** since the vehicle is less than 10,001 GVWR.

Filling Out the CMV Fields

Field 18: Carrier's Name

Carrier Name

Enter the name of the CMV carrier.

Refer to **Appendix J** for help with locating the responsible carrier. When obtaining the carrier name, use the following hierarchy:

- Log Book

- Shipping Papers, Truck, Bus, or Trip Manifest

- Driver

- Side of Vehicle

The order in which the ramps are listed is the hierarchy. In other words, a name from the driver's log book has priority over all other sources.

If the truck is a rental or lease (such as Penske or Ryder), examine the rental contract. The carrier's name should be on it. Use the carrier's name, not the rental company's name.

Example: Doyle's Extra Large Gadgets is a leased box truck from Penske. Even though "Penske" is on the side of the door, do not use that as the carrier name. Instead, examine the rental contract or the driver's paperwork to find the name of the company renting the vehicle.

Field 19: (Carrier) Address

Address

Enter the full address of the CMV carrier, including the address, city, state, and zip code. No not enter a PO Box number.

Field 20: DOT

Dot #

Enter the carrier's DOT number in this field. Types of numbers are listed below. Refer to Appendix J for assistance in identifying proper carrier numbers.

US DOT numbers can have up to eight digits. These are primarily interstate carriers.

Example: A straight truck is involved in a traffic crash. The investigating officer notes that the US DOT number is 45789978.

This DOT number indicates an interstate carrier because there is no state code

In the case of a leased or rented truck, be sure to use the identification number of the carrier leasing the truck, not the number of the parent company renting out the vehicle.

If there is more than one number present, you must determine which one is applicable.

Verify that the DOT number belongs to the entity or corporation responsible for transporting the goods or persons.

Over-Sized Vehicle Check Boxes

Change(s):

- New checkboxes for various over size parameters.

Rationale:

- To indicate which dimension may have contributed to the crash.

- To address federal CMV needs.

Field 21: Over Height Check Box

Over Height
☐

Mark this box (enter an "**X**" or ✔) the vehicle is over height.

Field 22: Over Weight Check Box

Over Weight
☐

Mark this box (enter an "**X**" or ✔) if the vehicle is overweight.

Field 23: Over Length Check Box

Over Length
☐

Mark this box (enter an "**X**" or ✔) if the vehicle is over length.

Field 24: Over Width Check Box

Over Width
☐

Mark this box (enter an "**X**" or ✔) if the vehicle is over width.

Field 25: Permitted Check Box

Permitted
☐

Mark this box (enter an "**X**") if the vehicle is permitted for all over-size aspects corresponding with the above overage boxes that were marked (over height, overweight, over length and/or over width).

Guidance

Refer to permitting documentation provided by the driver.

Field 26: Carrier Type

| CARRIER TYPE | | 01. Interstate
02. Intrastate
03. Government Vehicle | 04. Not in Commerce
(If #04 is chosen, complete only the underlined fields below.) |

Indicate whether the carrier is an interstate carrier, intrastate carrier, a government vehicle (over 10,000 pounds GVWR), or not in commerce.

Guidance

- **01. interstate carrier** applies to any commercial vehicle that hauls between states, between two points in a single state by going through another state, or between two places in a state with cargo that originated outside the state. A load's origin is found on the shipping papers.

- **02. intrastate** applies to any commercial motor vehicle which does not meet the requirements of an interstate carrier would be classified as an intrastate carrier.

Field 27: Gross Vehicle Weight Rating/Gross Combined Weight Rating

Change(s):

- Changed from code to weight (in pounds).

Rationale:

- To better reflect what would be obtained by the officer from the vehicle documentation.

GROSS VEHICLE WEIGHT
RATING/GROSS COMBINATION
WEIGHT RATING
Enter number of pounds.

Enter the actual weight rating for the vehicle, which will be either the Gross Vehicle Weight Rating or the Gross Combined Weight Rating:

- **Gross Vehicle Weight Rating (GVWR)** A GVWR is a value specified by the manufacturer for a single-unit truck, truck tractor, or trailer. In the absence of a GVWR, an estimate of the gross weight of a fully loaded unit may be substituted.

- **Gross Combined Weight Rating (GCWR)** A GCWR is the sum of the GVWRs for the units which make up a truck combination.

For the power unit, the GVWR can be found on the driver's side door, or by looking at the hinge pillar, door-latch post, or door edge for the manufacture label.

The GVWR for the trailer can be found on the manufacturer's tag affixed to the trailer.

If there is more than one trailer, use the Gross Combed Weight Rating (GCWR) of all the trailers and the power unit in this field.

Field 28: The Number of Axles

TOTAL NUMBER OF AXLES
Enter the total number of axles
including truck and trailer.

Enter the total number of available axles including the truck, trailer and tag axles, whether they are up or down.

Field 29: Vehicle Configuration

01. Passenger Car (only if HM placarded) 02. Light Truck (only if HM placarded) 03. Bus/Limousine 04. Single-unit Truck (2 axles) 05. Single-unit Truck (3 or more axles) 06. Truck and Trailer 07. Truck Tractor (Bobtail)	**VEHICLE CONFIGURATION** ☐☐ 08. Truck Tractor and Semi-Trailer 09. Truck Tractor and Double Trailers 10. Truck Tractor and Triple Trailers 11. Other (Describe in Narrative)

Enter the appropriate code for the vehicle or vehicle combinations that describe the truck involved in the crash.

Figure 19: Vehicle Configuration
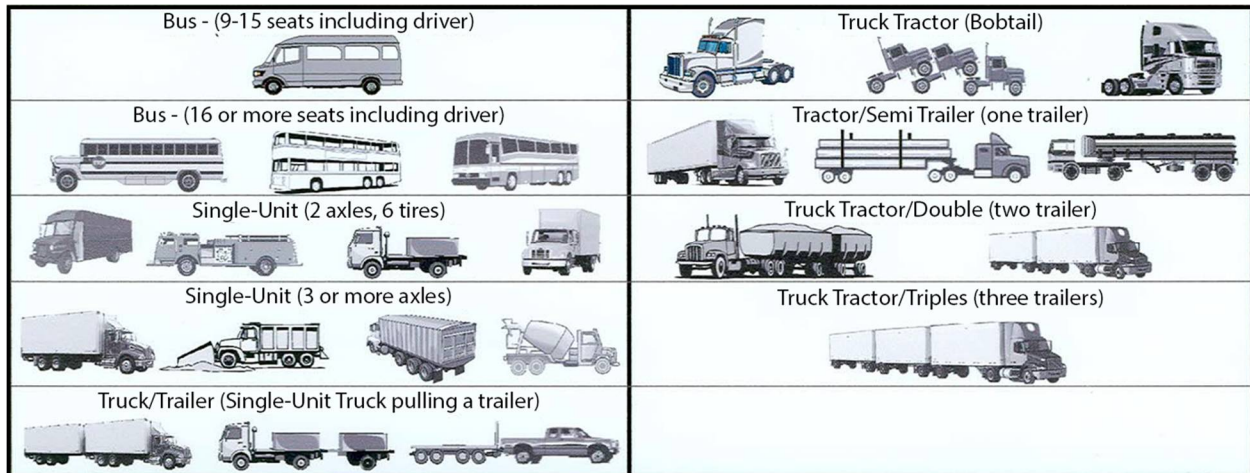
Field 30: Cargo Body Type

01. Bus/ Limousine (seats 9-15 occupants, including the driver) 02. Bus/Limousine (seats 16 or more occupants, including the driver) 03. Van/Enclosed Box 04. Cargo Tank 05. Flatbed/Pickup 06. Dump Bed 07. Concrete Mixer 08. Auto Transporter 09. Garbage Refuse	**CARGO BODY TYPE** ☐☐ 10. Grain, Chips, Gravel 11. Pole 12. Intermodal Container 13. Vehicle Towing another Vehicle 14. Fire Apparatus 15. Ambulance 16. No Cargo Body 17. Other (Describe in Narrative)

Enter the code for the cargo body type that best describes the vehicle involved in the crash.

Special cases:

• In the case of a school bus, always enter either 01 or 02.

- For a pickup that by itself weighs over 10,000 pounds, (such as a Ford F450), enter 05.

- For a pickup pulling a 5th wheel trailer (such as a camper), enter 03.

Figure 20: Cargo Body Configuration
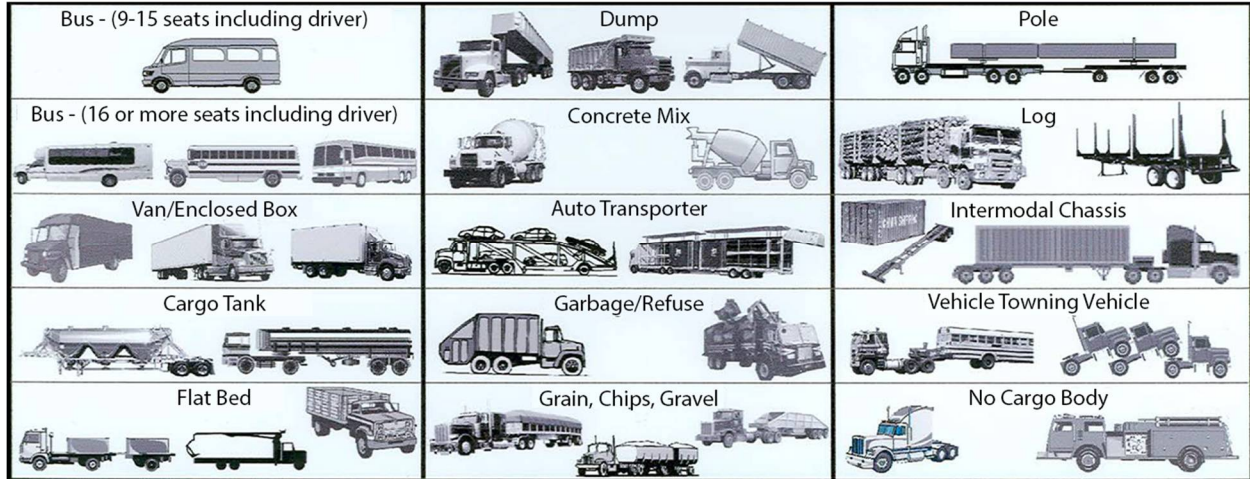
Field 31: Sequence of Crash Events

Enter up to four codes that describe the sequence of the first four events for the Commercial Motor Vehicle.

Guidance

- If more than four events apply, enter the four most important ones.

- If there are less than four, then leave the remaining fields blank.

There are several categories of crash events:

- NON-COLLISION CRASH – if a traffic unit (vehicle or non-motorist) does not collide with another traffic unit or with any object,

- COLLISION WITH NON-MOTORIST – if a traffic unit collides with a Non-Motorist,

- COLLISION WITH MOTOR VEHICLE IN TRANSPORT – if two vehicles collide, to note the type of collision,

- COLLISION WITH ANIMAL – if the traffic unit collided with an animal (on or off the roadway), or

- COLLISION WITH OBJECT – if the traffic unit collided with an object (on or off the roadway).

EXAMPLE:

A truck/semi-trailer loses control on an icy roadway. The vehicle runs off the left side of the road and crosses the center median. When the vehicle enters into the opposite lanes it jackknifes and collides head on with an SUV. The vehicle comes to rest in the opposite lanes of traffic.

First field	01	Ran off the road
Second field	08	Cross the median/center line
Third field	02	Jackknifed
Fourth field	12	Collision motor vehicle in transport

If there are less than four events, leave the remaining fields blank.

Field 32: Hazardous Materials – Placards

HAZARDOUS MATERIALS - PLACARDS
Did the vehicle have a hazardous material placard?
00. No   01. Yes   02. Required but Missing

Enter the appropriate code to indicate whether the vehicle has hazardous material placards. Refer to **Appendix J**.

Guidance

- Normally, if you enter 00. No, then the next four Hazmat fields should be left blank.

- However, If you enter 00. No (because the vehicle is not placarded) but determine from other sources, (i.e., shipping papers) that the vehicle was transporting hazardous materials and ***should have been placarded***, continue to complete the Hazmat fields as applicable.

Field 33: Hazardous Materials – Release

HAZARDOUS MATERIALS - RELEASE
Was hazardous cargo from the placarded truck released?
(Do not count fuel from the vehicle fuel tank)
00. No   01. Yes

Indicate whether or not any hazardous materials were released from the cargo tank or compartment.

For the purposes of this field, fuel released from the fuel tank does not count as a hazardous material release, even if the spill was over 25 gallons.

Field 34: Hazardous Materials – Code

HAZARDOUS MATERIALS - CODE
Enter the **four** digit number from the placard. If no number on the placard enter the **four** digit Identification number from the shipping paper(s).
1369

Enter the four-digit number from the placard. If there is no number on the placard, enter the four digit identification number from the shipping paper(s). If the vehicle is transporting hazardous material that does not require a placard, leave this field blank. Refer to **Appendix J**. Enter the number sequence as shown in the sample below.

When transporting hazardous materials, in reportable quantities, the vehicle is required to display the four-digit hazardous materials number on either placards or orange panels. When multiple placards are displayed on the vehicle, only information from one of the placards needs to be written down.

Field 35: Hazardous Materials – Class

Enter the one-digit number taken from the bottom of the placard.

In most cases, vehicles carrying hazardous materials are required by law to conspicuously display a placard indicating the class, type, or the specific name of the hazardous material cargo. When multiple placards are displayed on the vehicle, write down the information from only one of the placards.

Field 36: Liquid Hazardous Materials

Enter the amount of bulk liquid cargo at the time of the crash.

If one or more of the units is a cargo tank, indicate in gallons the amount of bulk liquid cargo in the tank at the time of the crash. The officer can use the shipping papers and the amount of liquid cargo off-loaded, if any, to determine the amount of liquid cargo at the time of the traffic crash.

Note: If you are unable to obtain the amount of liquid cargo at the time of the traffic crash you should estimate the amount to the best of your ability.

TRAFFIC UNIT/NON-MOTORIST (Page E)

This section covers the information for the Non-Motorist page of the crash report.

This page must be completed for each non-motorist involved in the crash, even as a non-contact motorist.

Guidance

A "non-motorist" is defined as a traffic unit involving a person which has no (substantial means of) motorized propulsion.

Any of the following would qualify as a non-motorist:

• Pedestrian, walking or running on foot;

• Other Pedestrian (person in a wheelchair, person in a building, skater, personal conveyance, rider of a toy vehicle, rider of a scooter with an engine 49cc or smaller, etc.);

• Bicyclist, riding a non-motorized bicycle;

• Other Bicyclist[7]: Non-motorist using a non-motorized, pedal-powered vehicle other than a bicycle, such as a unicycle or adult tricycle;

• Occupant of Motor Vehicle Not in Transport (parked, etc.) (Note: if/when the person exits the vehicle, they're a pedestrian.)

• Occupant of a Non-Motor Vehicle Transportation Device (such as a passenger in a pedal-cab, etc.); or

• Other examples, such as a person riding an electric motorized bike with less than 750 watts of power.

See **Field 21: Non-Motorist Type** on page 157 for type various types of non-motorists that need to be included.

---

[7] Note: While this would more appropriately be termed "Other Cyclist" (as it is in MMUCC), it was felt that officers would be more comfortable with the term "Other Bicyclist" and so that was retained.

Figure 21: Page E – With Reference Numbers

DR 3447 (11/09/18)

TRAFFIC UNIT/NON-MOTORIST [1] PAGE ___ OF ___ PAGES

Traffic Unit # 5	Case # 2	Agency ORI 3	Agency Name 4

Last Name	First Name 6	MI

Street Address 7	Phone 8

City	State	ZIP	Email 9

Hit & Run /Left Scene 10	Non-Contact Non-Motorist 11	Driver License Number 12	State 13	Sex 14	DOB 15

Primary Violation 16	DUI 17	Violation Code 18	Citation Number 19	Common Code 20

NON-MOTORIST TYPE 21

01. Pedestrian
02. Wheelchair
03. Scooter
04. Personal Conveyance
05. Other Pedestrian
06. Bicyclist
07. Other Bicyclist/Cyclist
08. Other Non-Motorist

TYPE OF DESIGNATED BICYCLE/PEDESTRIAN FACILITY (ZONE) AVAILABLE FOR NON-MOTORIST AT TIME OF CRASH 25

01. Sidewalk
02. Crosswalk
03. Marked Bicycle Lane
04. Shared Travelway
05. Protected Bicycle Lane
06. Unmarked Paved Shoulder
07. Separate Bicycle Path/Trail
08. No Specific Facility
09. Other (Describe in Narrative)

NON-MOTORIST MOVEMENT - PRIOR TO IMPACT 22

01. Going Straight
02. Slowing
03. Stopped in Traffic
04. Making Right Turn
05. Making Left Turn
06. Making U-Turn
07. Passing
08. Backing
09. Entering/Leaving Parked Position
10. Parked
11. Changing Lanes
12. Swerve/Avoidance
13. Weaving
14. Out of Control
15. Traveled Wrong Way
17. Entering Traffic Way/Merge
18. Negotiating a Curve
16. Other (Describe in Narrative)

NON-MOTORIST ACTIONS (OFFICER OPINION ONLY) 26 1st 2nd

00. No Contributing Action
01. Failure to Obey Traffic Signs, Signals, or Officer
02. Cross/Enter at Intersection
03. Cross/Enter NOT at Intersection
06. Soliciting Rides
07. Traveling Along Roadway With Traffic (In or Adjacent to Travel Lane)
08. Traveling Along Roadway Against Traffic (In or Adjacent to Travel Lane)
09. Entering/Exiting Parked/Standing Vehicle
10. Disabled Vehicle Related (Working on, Pushing, Leaving/Approaching)
13. Traveling on Sidewalk With Traffic
14. Traveling on Sidewalk Against Traffic
15. Working in Trafficway (Incident Response)
16. Working in Trafficway (Maintenance Activities)
17. Improper Passing
18. Failure to Yield Right-Of-Way
19. Improper Turn/Merge
20. Dart/Dash
21. In Roadway Improperly (Standing, Lying, Working, Playing)
22. Panhandling
12. Other (Describe in Narrative)

NON-MOTORIST LOCATION AT TIME OF CRASH 23

01. Intersection – Marked Crosswalk
02. Intersection – Unmarked Crosswalk
03. Intersection – Other
04. Midblock – Marked Crosswalk
05. Midblock – Non-Crosswalk
06. Travel Lane – Other Location
07. Marked Bicycle Lane
08. Protected Bicycle Lane
09. Shoulder/Roadside
10. Sidewalk
11. Median/Crossing Island
12. Driveway Access
13. Shared-Use Path or Trail
14. Non-Trafficway Area
15. Other Location (Describe in Narrative)

NON-MOTORIST MOST APPARENT CONTRIBUTING FACTORS (OFFICER OPINION ONLY) 27 1st 2nd 3rd

00. No Apparent Contributing Factor
01. Not Visible (Dark Clothing, No Lighting, etc.)
02. Emotionally Upset
03. Asleep or Fatigued
04. Illness/Medical
05. Inexperience
06. Aggressive
07. Unfamiliar With Area
08. Evading Law Enforcement Officer
09. Physical Disability
10. Distracted/Passenger
11. Distracted/Headphones
12. Distracted/Cell Phone
13. Distracted – Manipulating Electronic Device
14. Distracted/Other i.e. Food, Objects, Pet, etc.
15. Looked/Did Not See
16. Age/Ability
17. Sun Glare
18. Under The Influence of Alcohol or Drugs
19. Other Factor (Describe in Narrative)

NON-MOTORIST LEG OF INTERSECTION 24

01. North
02. Northeast
03. East
04. Southeast
05. South
06. Southwest
07. West
08. Northwest

PROTECTIVE/REFLECTIVE DEVICES/CLOTHING 28 1 2 3 4

01. Reflector(s)
02. Front Light
03. Rear Light
04. Reflective Clothing

NON-MOTORIST DETAILS

	F3 29					AA 77	Expired Date 79

H 30	I 31	J 32	K 33	L 34	M 35	N 36	EMS Trip # 75	Taken To 76	BB 78	Expired Time

Header Fields

Electronic Reporting

In general, these header fields should be filled out automatically by the electronic reporting application when the crash report is entered electronically.

Field 1: Page ___ of ___ Pages

PAGE ___ OF ___ PAGES

Enter the page number for this page (according to its location in the crash report package) in the first blank.

Enter the same number of total number of pages as on the first page of the crash report in the second blank.

For information on the order of pages in the crash report package, see *The DR3447 Crash Report Package* on page 17 of this manual.

Field 2: Case Number

Case #

Enter the same case number as on the first page of the crash report package (**Field 2: Case Number**).

Field 3: (Law Enforcement) Agency ORI

Agency ORI

Enter the same agency ORI of the reporting agency as on the first page of the crash report package (Field 3: (Law Enforcement) Agency ORI)

Field 4: (Law Enforcement) Agency Name

Agency Name

Enter the same name of the reporting agency as on the first page of the crash report package (Field 4: (Law Enforcement) Agency Name).

Non-Motorist Fields

Field 5: Traffic Unit

```
Traffic
Unit #    [  |  ]
```

Enter the Traffic Unit # for this Non-Motorist.

The vehicle or non-motorist that was most at fault for the crash should be assigned the Traffic Unit # 1 being the most at fault for the crash. The other vehicles and/or non-motorists should be assigned subsequent consecutive numbers (2, 3, etc.)

See Section *Traffic Unit Number* on page 20 of this manual for the explanation of the Traffic Unit #.

Field 6: (Non-Motorist's) Name

Last Name	First Name	MI

Enter the non-motorist's last name, first name, and middle initial.

Follow the structure as defined in the section on Entering A Person's Name, on page 12.

If the non-motorist has more than one middle name, use both initials. Apostrophe's are not accepted in this field. Hyphens and one space for each name (last, first) **ARE** accepted.

The investigating officer should confirm name, address, and age of involved parties by asking them. Do not rely solely on the information given on a driver's license.

Field 7: (Non-Motorist's) Street Address

Street Address		
City	State	ZIP

Enter the non-motorist's current street, route or P.O. Box address. The investigating officer should confirm the address of involved parties by asking them. Do not rely solely on the information given on a driver's license.

Enter the city, state, and zip code. The standard two-letter abbreviations for states are listed in **Appendix B** and should be used when completing these fields. If a foreign country has a state or province listed in **Appendix C**, use the state or province rather than the country.

Field 8: (Non-Motorist's) Phone Number

```
Phone


```

Enter the contact phone number including the area code. If the phone number is unknown, do not enter "NONE". Instead, leave the field blank.

Field 9: (Non-Motorist's) Email

```
Email


```

Enter the email address. If the email address number is unknown, do not enter "NONE". Instead, leave the field blank. If the non-motorist has no email address, enter "NONE".

Field 10: Hit & Run/Left Scene Check box

```
Hit & Run
/Left Scene    ☐
```

Mark this box (enter an "**X**" or ✔) if the non-motorist did not remain at the scene of a crash as required by statute.

Guidance

If the original report was submitted, and the non-motorist that left the scene is subsequently identified, a follow-up report must be submitted. This should be done even if the original report was submitted as being complete. Information about the non-motorist can be included in the fields on this page.

Field 11: Non-Contact Non-Motorist Check box

```
Non-Contact  ☐
Non-Motorist
```

Mark this box (enter an "**X**" or ✔) if this non-motorist contributed to the crash occurring, but was not involved in a collision, nor was injured.

Field 12: (Non-Motorist's) Driver License Number

```
Driver License Number


```

Enter the non-motorist's license number or state identification number. Use the original license number rather than a reissue number or a probationary number.

Note: <u>This is for identification only.</u>

If the driver has a valid driver's license and it is not in his possession, obtain a driving record and enter the driver's license number in this field.

If there is no record of a driver's license, enter the word "NONE" in this field.

Field 13: (License) State (or Country)

State

Enter the standard two-letter abbreviation of the state which issued the driver's license entered above. See **Appendix B** for a list of state codes.

If the license is issued by an authority outside the United States, enter the two-letter abbreviation for the country (or state/province) of issuance taken from **Appendix C**. If no license is shown, leave this field blank.

Field 14: Sex

Sex

Enter the letter "**M**" for a male or the letter "**F**" for a female, or "**X**" for non-binary.

NOTE: Follow the gender as identified on the driver's license. (A transgender person can have that changed through a legal process.) As of November 30, 2018, the Colorado Division of Motor Vehicles (DMV) offers a third sex identifier, X (non-binary), on Colorado driver licenses, instruction permits and identification cards.

Field 15: DOB (Date of Birth)

DOB

Enter the numeric month, day, and four-digit year of the operator's or pedestrian's birth.

Example: 05/15/1969

Business Rules

- If the non-motorist is a juvenile (under the age of 18) then **Field 25:Juvenile(s) Involved Check Box Juvenile(s) Involved Check Box** on **MAIN CRASH REPORT PAGE (Page** A) must be checked.

Field 16: Primary Violation

Primary Violation

Enter the primary crash-related charge in this field (such as Failed to Yield Right of Way), not the DUI-related charges.

A primary crash-related charge is defined as a violation of the laws relating to pedestrian or bicyclist movement and contributing to a crash.

Guidance

- Common non-motorist primary crash-related charges include jay-walking, riding a bicycle in the wrong direction, being intoxicated, etc.

- Generally, deceased driver charges should not be listed on the DR3447; however, if the officer's agency requires a listing of charges or a for record only citation, the officer should follow agency policy in this regard.

NOTE: It is recommended that the other charges be listed in the narrative as this may be the only documentation the agency has to reference 5 to 10 years later for civil testimony.

Validation Rule

If this field is filled in, the next three fields must also be completed.

Field 17: DUI Check Box

DUI
☐

Mark this box (enter an "**X**" or ✔) if the non-motorist was impaired or under the influence of alcohol, marijuana, or other drugs and received an applicable citation.

Field 18: Violation Code

Violation Code

Enter the appropriate state statute or municipal ordinance number for the primary violation. If only an alcohol or drug related charge is applicable, enter that number here.

Guidance

Enter the most appropriate (most specific) infraction. Only use "Careless" if no other violation applies

Field 19: Citation Number

Citation Number

Enter a citation number, if any, which corresponds with the violation charged. If the charge was filed directly with the District Attorney, enter "**DIRECT FILE**". If charges are pending, enter the word "**PENDING**".

Field 20: Common Code

Common Code

Enter the appropriate common code for the primary violation entered above.

Field 21: Non-Motorist Type

Change(s):

- New (separated from "Traffic Unit Type").

- List only types applicable to a non-motorist.

Rationale:

- Make it easy for the officer to identify which type of non-motorist was involved

- To enable better safety studies addressing non-motorist crashes

NON-MOTORIST TYPE

01. Pedestrian   05. Other Pedestrian
02. Wheelchair   06. Bicyclist
03. Scooter   07. Other Bicyclist/Cyclist
04. Personal Conveyance   08. Other Non-Motorist

Enter the code that best corresponds to the type of non-motorist.

Guidance

The following codes are available for this field:

- 01. Pedestrian, for a person walking or running (not riding any apparatus).

- 02. Wheelchair, for a person in a wheelchair.

- 03. Scooter, for a person riding a scooter (less than 49 cc)

- 04. Personal Conveyance, for a non-motorist on a skateboard, motorized toy cars, etc.

- 05. Other Pedestrian, for any other pedestrian (describe in the narrative)

- 06. Bicyclist, for a non-motorist riding a bicycle (generally, with two wheels), including a tandem bicycle.

- 07. Other Bicyclist/Cyclist, for a non-motorist riding a something besides bicycle (e.g. other than two wheels, motorized bicycle, pedicab, etc.).

- 08. Other Non-Motorist, for any other non-motorist, such as:

  ➢ A person on skates, riding a skateboard, long-board, or electric skateboard

  ➢ An occupant of Motor Vehicle Not in Transport (parked, etc.)

  ➢ An occupant of a Non-Motor Vehicle Transportation Device such as a toy vehicle or scooter that does not have an engine size 49cc or greater. etc.

  ➢ NOTE: If this code is used, a brief description should be added to the narrative.

- If the electric bicycle with more than 750 watts of power, it should be considered a motorized vehicle (and thus the relevant crash information should be captured on the Traffic Unit/Vehicle page).

Field 22: Non-Motorist Movement – Prior To Impact

```
┌──┬──┬──────────────────────────────────────────────┐
│  │  │ NON-MOTORIST MOVEMENT - PRIOR TO IMPACT      │
├──┴──┴──────────────────────────────────────────────┤
│                                                     │
│  01. Going Straight          10. Parked             │
│  02. Slowing                 11. Changing Lanes     │
│  03. Stopped in Traffic      12. Swerve/Avoidance   │
│  04. Making Right Turn       13. Weaving            │
│  05. Making Left Turn        14. Out of Control     │
│  06. Making U-Turn           15. Traveled Wrong Way │
│  07. Passing                 17. Entering Traffic Way/Merge │
│  08. Backing                 18. Negotiating a Curve│
│  09. Entering/Leaving Parked Position  16. Other (Describe in Narrative) │
│                                                     │
└─────────────────────────────────────────────────────┘
```

Enter the code which best describes the movement of the non-motorist prior to impact.

Guidance

- Note that these are the same attributes as for the driver/vehicle (see the description of **Field 10: Vehicle Movement - Prior** To Impact on page 133).

Field 23: Non-Motorist Location at Time of Crash

Change(s):

- New

Rationale:

- Make it easy for the officer to identify what kind of facility the non-motorist was in when the crash occurred.

- To enable better safety studies addressing non-motorist crashes, and to determine what counter-measures would be useful.

NON-MOTORIST LOCATION AT TIME OF CRASH

01. Intersection – Marked Crosswalk
02. Intersection – Unmarked Crosswalk
03. Intersection – Other
04. Midblock – Marked Crosswalk
05. Midblock – Non-Crosswalk
06. Travel Lane – Other Location
07. Marked Bicycle Lane
08. Protected Bicycle Lane
09. Shoulder/Roadside
10. Sidewalk
11. Median/Crossing Island
12. Driveway Access
13. Shared-Use Path or Trail
14. Non-Trafficway Area
15. Other Location (Describe in Narrative)

Enter the code which best describes the location of the non-motorist at the time of the crash.

Field 24: Leg of Intersection

Change(s):

- New

Rationale:

- Make it easy for the officer to specify non-motorist's location within the intersection.

- To enable better safety studies addressing non-motorist crashes, and to determine where counter-measures would be useful.

```
┌──┬──┐  NON-MOTORIST LEG OF INTERSECTION
│  │  │
└──┴──┘
01.      North              05.      South
02.      Northeast          06.      Southwest
03.      East               07.      West
04.      Southeast          08.      Northwest
```

Enter the codes corresponding to the cardinal direction of the intersection leg in which the non-motorist was located at the time of the crash.

Note: This refers to the direction of the intersection leg from the center of the intersection, not the direction of travel associated with that leg.

Field 25: Type of Designated Bicycle/Pedestrian Facility/(Zone) Available for Non-Motorist at Time of Crash

Change(s):

• New

Rationale:

• Make it easy for the officer to identify what kind of facility the non-motorist was in when the crash occurred.

• To enable better safety studies addressing non-motorist crashes, and to determine what counter-measures would be useful.

```
┌─────────────────────────────────────────────────────────────────┬──┬──┐
│ TYPE OF DESIGNATED BICYCLE/PEDESTRIAN FACILITY (ZONE)             │  │  │
│ AVAILABLE FOR NON-MOTORIST AT TIME OF CRASH                      └──┴──┘
│
│ 01. Sidewalk                    06. Unmarked Paved Shoulder
│ 02. Crosswalk                   07. Separate Bicycle Path/Trail
│ 03. Marked Bicycle Lane         08. No Specific Facility
│ 04. Shared Travelway            09. Other (Describe in Narrative)
│ 05. Protected Bicycle Lane
└───────────────────────────────────────────────────────────────────────┘
```

Enter the code which best describes the type of facility/zone that was present and <u>available</u> for use by the non-motorist. The non-motorist may not have made use of the facility

Guidance

• Crosswalks are considered available for a non-motorist as per CRS 42-4-803, "Between adjacent intersections at which traffic control signals are in operation, pedestrians shall not cross at any place except in a marked crosswalk."

- Protected Bicycle Lanes include physical separation from the motor vehicle roadway and the bicycle lane, such as raised curb, delineators, etc. Examples of a protected bike lanes include: a lane placed between parked cars and curb, or delineators separating from travel lanes, etc.

- There are often experimental or trial facilities that are not specifically identified in the list of codes. For example, some municipalities are trying out the use of "green bike boxes". If such a facility is present, then enter code 08. Other, and describe the type of facility in the narrative.

Field 26: Non-Motorist Actions

Change(s):

- New (separated from Driver Action)

Rationale:

- Make easier for officer to select appropriate codes for a non-motorist

NON-MOTORIST ACTIONS (OFFICER OPINION ONLY)

	1st	2nd

- 00. No Contributing Action
- 01. Failure to Obey Traffic Signs, Signals, or Officer
- 02. Cross/Enter at Intersection
- 03. Cross/Enter NOT at Intersection
- 06. Soliciting Rides
- 07. Traveling Along Roadway With Traffic (In or Adjacent to Travel Lane)
- 08. Traveling Along Roadway Against Traffic (In or Adjacent to Travel Lane)
- 09. Entering/Exiting Parked/Standing Vehicle
- 10. Disabled Vehicle Related (Working on, Pushing, Leaving/Approaching)
- 13. Traveling on Sidewalk With Traffic
- 14. Traveling on Sidewalk Against Traffic
- 15. Working in Trafficway (Incident Response)
- 16. Working in Trafficway (Maintenance Activities)
- 17. Improper Passing
- 18. Failure to Yield Right-Of-Way
- 19. Improper Turn/Merge
- 20. Dart/Dash
- 21. In Roadway Improperly (Standing, Lying, Working, Playing)
- 22. Panhandling
- 12. Other (Describe in Narrative)

Enter the codes that best describe the non-motorist action that contributed to the crash. Whereas the next field describes a non-motorist condition, these fields refer to specific actions, or law violations, that led to the crash occurring.

For example, if a non-motorist was walking on the sidewalk (in the same direction as the traffic), then started crossing the street (in the middle of the block), then

- The 1st Non-Motorist action would be **13. Traveling on Sidewalk With Traffic**, and

- The 2nd Non-motorist action would be **03. Cross/Enter NOT in crosswalk**.

Guidance

- Up to two non-motorist actions can be entered.

- The more significant action (that had the most impact leading to the crash occurring) should be entered first.

Business Rules

- The first field must be given a value.

- If the first field is coded as **00. No Contributing Action**, then the second fields should be left empty.

Field 27: Non-Motorist Most Apparent Contributing Factors (Officer Opinion Only)

Change(s):

- New

Rationale:

- Make it easy for the officer to identify which type of protection the non-motorist was using.

- To enable better safety studies addressing non-motorist crashes, and what kind of counter-measures (e.g. education campaigns) might be useful.

```
NON-MOTORIST MOST APPARENT CONTRIBUTING FACTORS       [  ][  ]  [  ][  ]  [  ][  ]
(OFFICER OPINION ONLY)
                                                        1st     2nd     3rd
00. No Apparent Contributing Factor        11. Distracted/Headphones
01. Not Visible (Dark Clothing, No Lighting, etc.)  12. Distracted/Cell Phone
02. Emotionally Upset                      13. Distracted – Manipulating Electronic
03. Asleep or Fatigued                         Device
04. Illness/Medical                        14. Distracted/Other i.e. Food, Objects, Pet, etc.
05. Inexperience                           15. Looked/Did Not See
06. Aggressive                             16. Age/Ability
07. Unfamiliar With Area                   17. Sun Glare
08. Evading Law Enforcement Officer        18. Under The Influence of Alcohol or Drugs
09. Physical Disability                    19. Other Factor (Describe in Narrative)
10. Distracted/Passenger
```

Enter the codes which best describes the human factor, if any, **contributing** to the crash.

For example, if the officer suspected the Non-Motorist to be inexperienced with riding a unicycle, and listening to an electronic device through headphones, and that both factors led to the non-motorist entering into the street where she was struck, the officer would select:

- **05. Inexperience,** and

- **11. Distracted/Headphones.**

Guidance

- Up to three contributing factors can be entered.

- The more significant factor (that had the most impact leading to the crash occurring) should be entered first.

- These fields are intended to record the officer's opinion only and may or may not be supported by other evidence.

- Select the codes which best describe the condition of the non-motorist prior to impact that you feel did (or could have) contributed to the crash.

- Code 16. Age/Ability would be selected where a person's reaction time or physical condition may have contributed to the crash or to not being able to avoid the crash.

Business Rules

- The first contributing factor field must be given a value.

- If the first or second factor is selected as 00. No Apparent Contributing Factor, then the remaining ones should be left empty.

Field 28: Protective/Reflective Clothing

Change(s):

- New

Rationale:

- Make it easy for the officer to identify which type of high-visibility protection the non-motorist was using.

- To enable better safety studies addressing non-motorist crashes, and what kind of counter-measures (e.g. education campaigns) might be useful.


```
PROTECTIVE/REFLECTIVE DEVICES/CLOTHING        [   ] [   ] [   ] [   ]
                                               1    2    3    4
01. Reflector(s)
02. Front Light
03. Rear Light
04. Reflective Clothing
```

Enter the codes corresponding to the protective and/or reflecting devices and/or clothing worn by the non-motorist.

Guidance

- Up to four codes can be entered.

- Enter the code corresponding to the most significant item in the first field, followed by any others that are applicable.

Business Rules

- If any of the four fields are left blank, then all subsequent fields must also be left blank

Involved Person/Non-Motorist Fields

Change(s):

- Located on Non-Motorist page in the same way as for the MOTORIZED TRFFIC UNIT/OCCUPANT page

- Show only the fields applicable to a non-motorist

Rationale:

- Make it easier for an officer to enter the appropriate information for a non-motorist

These fields are to be filled out using the INVOLVED PERSON OVERLAY (Overlay A). See the following page for reference.

This section of the Traffic Unit/Non-Motorist page should be filled out similarly to the occupant section of the MOTORIZED TRAFFIC UNIT/OCCUPANT (Page C). See the manual section starting on page 88 for details.

Figure 22: Involved Person Overlay (Overlay A)

DR 3447 (11/09/18)   **INVOLVED PERSON OVERLAY**   NOT TO BE SUBMITTED TO DOR

Position In/On Vehicle	**A**	**AIRBAG - DEPLOYMENT**	**G1**

14

03	06	09	
02	05	08	10/11/12	13
01	04	07	

01. Driver
02-09. Passengers
10. Other ENCLOSED Passenger/Cargo Area
11. Other UN-ENCLOSED Passenger/Cargo Area

12. Sleeper Section of Truck
13. Trailer
14. Riding/Hanging on to Exterior
      of Vehicle or Trailer

A

AIRBAG - DEPLOYMENT **G1**
00. Not Equipped
01. Not Deployed
02. Deployed at pos. Only
03. Deployed at pos. and Others
04. Not Deployed at pos., Deployed at Others
05. Unknown (Describe in Narrative)

AIRBAG - TYPE **G2**
A. None
B. Front
C. Side
D. Curtain
E. Rear
F. Multiple
G. Knee
H. Air Belt
I. Center Console
J. Pedestrian Airbag
K. Other Airbag Type(Describe in Narrative)

DRIVING RESTRICTIONS **B**
00. None
01. Complied With
02. Not Complied With
03. Compliance Not Known
04. Did Not Comply With GDL 6 Months
05. Did Not Comply With GDL 12 Months

INJURY SEVERITY **H**
00. No Apparent Injury (O)
01. Possible Injury (C)
02. Suspected Minor Injury (B)
03. Suspected Serious Injury (A)
04. Fatal Injury (K)

DRIVING ENDORSEMENTS **C**
00. None
02. Not Complied With
01. Complied With
03. Compliance Not Known

ALCOHOL SUSPECTED (OFFICER OPINION ONLY) **I**
YES   NO
01. Preliminary Breath Test
02. SFST
03. Observed
05. Other Method
06. Preliminary Breath Test
07. SFST
08. Observed
10. Other Method

EJECTION **D**
00. No   01. Yes – Partial   02. Yes – Full   03. Extricated

TESTED FOR ALCOHOL **J**
00. Not Tested
01. Blood
02. Breath
04. Other
05. Refusal
06. By Coroner – Unknown
07. By Coroner – Blood
08. By Coroner – Urine
09. By Coroner – Fluids
10. By Coroner – Other

EJECTION PATH **E**
00. Not Ejected/ Not applicable
01. Through Side Door Opening
02. Through Side Window
03. Through Windshield
04. Through Back Window
05. Through Back Door/Tailgate Opening
06. Through Roof Opening (Sun Roof/Convertible Top Down)
07. Through Roof (Convertible Top Up)
08. Other Path (e.g. Back of Pickup Truck)
09. Unknown
10. Motorcycle

MARIJUANA SUSPECTED (OFFICER OPINION ONLY) **K**
00. Marijuana Not Suspected   01. Marijuana Suspected   02. Unknown

TESTED FOR MARIJUANA **L**
00. Not Tested
01. Blood
04. Other
05. Refusal
06. By Coroner – Unknown
07. By Coroner – Blood
08. By Coroner – Urine
09. By Coroner – Fluids
10. By Coroner – Other

SAFETY EQUIPMENT - AVAILABLE **F1**
A. None
B. Shoulder and Lap Belt
C. Shoulder Belt Only
D. Lap Belt Only
H. Child Restraint – Forward Facing
I. Child Restraint – Rear Facing
J. Child Restraint – Type Unknown
K. Booster Seat
F. N/A (e.g. Motorcycle)

OTHER DRUG/IMPAIRMENT SUSPECTED (OFFICER OPINION ONLY) **M**
YES   NO
01. Drug Recognition Expert
02. SFST
03. Observed
04. Other Method
05. Drug Recognition Expert
06. SFST
07. Observed
08. Other Method

SAFETY EQUIPMENT - USE **F2**
(Restraints and MC Eye Protection)
00. Not Used
01. Properly Used
02. Improperly Used
03. Unknown

SAFETY EQUIPMENT - HELMET **F3**
A. N/A (e.g. Cars/Ped/etc.)
B. No Helmet
C. Available, Not Used
D. Helmet Improperly used
E. Helmet Properly used
F. Unknown (Describe in Narrative)

TESTED FOR OTHER DRUGS **N**
00. Not Tested
01. Blood
04. Other
05. Refusal
06. By Coroner – Unknown
07. By Coroner – Blood
08. By Coroner – Urine
09. By Coroner – Fluids
10. By Coroner – Other

TU#	A	B	C	D	E	F1	F2	F3	AGE	Name/Address		AA	Expired Date
G1	G2	H	I	J	K	L	M	N	SEX	EMS Trip #	Taken To	BB	Expired Time

| TO BE FILLED OUT ONLY IN THE EVENT OF A FATALITY | DEAD AT SCENE 00. No 01. Yes | AA | TRANSPORTED BY 01. Ambulance 02. Air 03. Not Transported 04. Other (Describe in Narrative) | BB |

Field 29: F3-Safety Equipment – Helmet

If the non-motorist was riding something a conveyance that justifies use of a helmet, then enter the appropriate code indicating a) whether or not a helmet was available, b) whether it was used, and c) if it was used properly.

Examples of what conveyances a non-motorist might be riding that justifies wearing use of a helmet:

- Bicycle

- Motorized Bicycle

- Other bicycle

- Personal Conveyance (such as a skateboard, longboard, roller skates or in-line skates)

Otherwise, enter the code A-N/A (for pedestrians and other non-motorists where a helmet would not be required), such as a pedestrian, etc.

Field 30: H-Injury Severity

Enter the code which best describes the injury severity to the non-motorist.

- 00. No apparent injury

- 01. Possible injury

- 02. Suspected Minor Injury

- 03. Suspected Serious Injury

- 04. Fatal Injury

Follow the same directions as per Injury Severity for vehicle occupants.

Field 31: I-Alcohol Suspected (Officer Opinion Only)

Enter the code that best corresponds to whether or not other alcohol were suspected, and why. Numbers **01** through **04** apply to "suspected". Numbers 05 and 08 apply to "not suspected".

Field 32: J-Tested for Alcohol

Enter the code that describes what type of test was given to determine alcohol use by the non-motorist.

Field 33: K-Marijuana Suspected (Officer Opinion Only)

Enter the code that applies to the Officer's suspicion regarding use of marijuana by this non-motorist.

This field is intended to record the officer's opinion only, and may or may not be supported by other evidence.

Field 34: L-Tested for Marijuana

Enter the code that describes what type of test was given/requested to determine marijuana use.

NOTE: Several additional codes have been added with respect to the type of test performed by the coroner.

Field 35: M-Other Drug/Impairment Suspected (Officer Opinion Only)

Enter the code that best corresponds to whether or not other drugs (besides marijuana) were suspected, and why. Numbers **01** through **04** apply to "suspected". Numbers **05** and **08** apply to "not suspected".

Field 36: N-Tested for Other Drugs

Enter the code that describes what type of test was given to determine drug use by the non-motorist.

To Complete Only for Fatalities or Suspected Serious Injuries

Field 75: EMS Trip

EMS Trip #

Enter the Trip Number as provided by the EMS staff.

Field 76: Taken To

Taken To

Enter the location where the occupant was taken (for example, Lutheran Hospital, Swan Funeral Home, or Denver Coroner).

If the individual was transported by both ambulance and air, then enter 02. Air. If some other mode of transportation (besides ambulance or air), then enter 04. Other, and describe in the narrative.

To Complete Only for Fatalities

Field 77: AA-Dead at Scene

AA

Enter the code corresponding to whether the person died at the scene (and was not transported for treatment).

- Enter 00 for No

- Enter 01 for Yes

Follow the same directions as for vehicle occupants.

Field 78: BB-Transported By

BB

Enter the code for the mode use to transport the individual.

Field 79: Expired Date and Time

Expired Date

Expired Time

Use the standard format MM/DD/YYYY to fill in this field. **Example:** 05/08/2005

Enter the pronounced date and time of death for all fatalities. If the death occurred at the scene, and the time is unknown, use the date and time of the crash.

Enter the time using the 24-hour clock system. Do not use a colon.

Example: If death occurred at 2:43 PM, the time would be entered as "1443".

ADDITIONAL MOTOR VEHICLE OCCUPANTS
(Optional Supplement A)

This supplemental page must be added to the DR3447 report if (and only if) there are more than four reportable occupants in any of the vehicles - i.e. more than can be entered on the page MOTORIZED TRAFFIC UNIT/OCCUPANT (Page C).

Guidance

- The person information for the **driver** of each vehicle must be entered on the page MOTORIZED TRAFFIC UNIT/OCCUPANT (Page C), and not on this page

- This page must **not** be used to for any non-motorists, as non-motorists must be reported on the page entitled TRAFFIC UNIT/NON-MOTORIST (Page E).

Figure 23: Supplement A – With Reference Numbers

DR 3447 (11/09/18)

ADDITIONAL MOTOR VEHICLE OCCUPANTS [1] PAGE ___ OF ___ PAGES

| Traffic Unit # | | Case # | | | 2 | | | | Agency ORI | | 3 | | Agency Name | | 4 |

TU#	A		D	E	F1	F2	F3	AGE	(Passenger) Name/Address			AA	Expired Date
5	7		8	9	10	11	12	13		6		82	84
G1	G2	H	I	J	K	L	M	N	SEX	EMS Trip # 80	Taken To 81	BB	Expired Time
14	15	16	17	18	19	20	21	22	23			83	

(The remaining rows on the form are blank occupant entry rows repeating the same structure: TU#, A, D, E, F1, F2, F3, AGE, (Passenger) Name/Address, AA, Expired Date; G1, G2, H, I, J, K, L, M, N, SEX, EMS Trip #, Taken To, BB, Expired Time.)

Header Fields

Electronic Reporting

- In general, these header fields should be filled out automatically by the electronic reporting application when the crash report is entered electronically.

Field 1: Page ___ of ___ Pages

PAGE ___ OF ___ PAGES

Enter the page number for this page (according to its location in the crash report package) in the first blank.

Enter the same number of total number of pages as on the first page of the crash report package in the second blank.

For information on the order of pages in the crash report package, see *The DR3447 Crash Report Package* on page 17 of this manual.

Field 2: Case Number

Case #

Enter the same case number as on the first page of the crash report package.

Field 3: Agency ORI

Agency ORI

Enter the same agency ORI of the reporting agency as on the first page of the crash report package.

Field 4: (Law Enforcement) Agency Name

Agency Name

Enter the same name of the reporting agency as on the first page of the crash report package.

Involved Person/Additional Occupant Fields

These fields are to be filled out using the INVOLVED PERSON OVERLAY (Overlay A).

NOTE: For detailed guidance and descriptions on the fields listed below, see the section on **Driver/Occupant** , starting on page 109.

Information for drivers must be covered on the MOTORIZED TRAFFIC UNIT/OCCUPANT (Page C), and thus no driver-related information is to be included on this supplement.

Field 5: TU#

Enter the Traffic Unit # for the motorized vehicle in which this person was an occupant. See the Traffic Unit # field on the page MOTORIZED TRAFFIC UNIT/OCCUPANT (Page C).

Field 6: Name and Address

Enter the name and address of the occupant.

Field 7: A-Position in/on Vehicle

This field must be completed for all reportable occupants. Enter the position of the occupant or passenger as per the diagram provided on the INVOLVED PERSON OVERLAY (Overlay A).

All bus passengers are classified as 10.

Field 8: D-Ejection

Enter the code **00** if the occupant was not ejected. Enter the code **01** if the physical forces of the collision caused partial ejection of a major or significant portion of the body. Enter the code 02 if the occupant was fully ejected. Enter the code **03** if the occupant had to be extricated from the vehicle.

Field 9: E-Ejection Path

Enter the code corresponding to the path of ejection followed by the ejected (partially or completely) occupant.

Field 10: F1-Safety Equipment – Available

```
 F1
┌──┐
│  │
└──┘
```

Enter the code that describes what type of restraint system was available in the Traffic Unit in which this person was an occupant.

Field 11: F2-Safety Equipment – Used

```
 F2
┌──┬──┐
│  │  │
└──┴──┘
```

Enter the code that best describes how the system was used.

Field 12: F3-Safety Equipment – Helmet

```
 F3
┌──┐
│  │
└──┘
```

Enter the code that best describes how the helmet was used (if applicable, i.e. for a motorcycle).

Field 13: AGE

```
 AGE
┌──┬──┐
│  │  │
└──┴──┘
```

Enter the individual's age in years. Months are not included. Children under the age of one are entered as 0.

Business Rules

- If the occupant is a juvenile (under the age of 18) then Field 25:Juvenile(s) Involved Check Box **Juvenile(s) Involved Check Box** on MAIN CRASH REPORT PAGE (Page A) must be checked.

Field 14: G1-Airbag – Deployment

```
 G1
┌──┬──┐
│  │  │
└──┴──┘
```

Enter the code that specifies which airbag(s) deployment at the position occupied by the person compared to other positions.

Field 15: G2-Airbag – Type

Enter the code that specifies which airbag(s) deployed at the position occupied by the person.

Field 16: H-Injury Severity

Enter the code which best describes the injury severity to the party in question.

Field 17: I-Alcohol Suspected (Officer Opinion Only)

Enter the code that best corresponds to whether or not other alcohol was suspected, and why.

Field 18: J-Tested for Alcohol

Enter the code that describes what type of test was given to determine alcohol use.

Field 19: K-Marijuana Suspected (Officer Opinion Only)

Enter the code that applies to the Officer's suspicion regarding use of marijuana by the person.

Field 20: L-Tested for Marijuana

Enter the code that describes what type of test was given/requested to determine marijuana use.

NOTE: Several additional codes have been added with respect to the type of test performed by the coroner.

Field 21: M-Other Drug/Impairment Suspected (Officer Opinion Only)

Enter the code that best corresponds to whether or not other drugs (besides marijuana) were suspected, and why.

Field 22: N-Tested for Other Drugs

Enter the code that describes what type of test was given/requested to determine drug use.

NOTE: Several additional codes have been added with respect to the type of test performed by the coroner.

Field 23: Sex

Enter "M" for male or "F" for female.

To Complete Only for Fatalities or Suspected Serious Injuries

Field 80: EMS Trip

EMS Trip #

Enter the Trip Number as provided by the EMS staff.

Field 81: Taken To

Taken To

Enter the location where the occupant was taken (for example, Lutheran Hospital, Swan Funeral Home, or Denver Coroner).

If the individual was transported by both ambulance and air, then enter 02. Air. If some other mode of transportation (besides ambulance or air), then enter 04. Other, and describe in the narrative.

To Complete Only for Fatalities

Field 82: AA-Dead at Scene

```
  AA
┌───┬───┐
│   │   │
└───┴───┘
```

Enter the code corresponding to whether the person died at the scene (and was not transported for treatment).

- Enter **00** for **No**

- Enter **01** for **Yes**

Field 83: BB-Transported By

```
  BB
┌───┬───┐
│   │   │
└───┴───┘
```

Enter the code for the mode use to transport the individual.

Field 84: Expired Date and Time

```
┌─────────────────┐
│ Expired Date    │
├─────────────────┤
│                 │
│                 │
├─────────────────┤
│ Expired Time    │
├─────────────────┤
│                 │
│                 │
└─────────────────┘
```

Enter the pronounced date and time of death for all fatalities. If the death occurred at the scene, and the time is unknown, use the date and time of the crash.

Use the standard format MM/DD/YYYY to fill in this field. **Example:** 05/08/2005.

Enter the pronounced date and time of death for all fatalities. If the death occurred at the scene, and the time is unknown, use the date and time of the crash.

Enter the time using the 24-hour clock system. Do not use a colon.

Example: If death occurred at 2:43 PM, the time would be entered as "1443".

ADDITIONAL DAMAGED PROPERTIES (Optional Supplement B)

This supplemental page of the form must be added if (and only if) there are more than two distinct owners of property damaged during the crash.

The first two owners of damaged property should be identified on the bottom of Page B. Up to 8 additional damaged property owners can be identified on this supplement.

Figure 24: Supplement B – With Reference Numbers

DR 3447 (11/09/18)

ADDITIONAL DAMAGED PROPERTIES [1] PAGE ___ OF ___ PAGES

Traffic Unit #		Case # 2	Agency ORI 3	Agency Name 4

Owner 3 [5]	Damaged Prop. Last Name 6	First Name
Address		7
City		State	ZIP
Damaged Property Description 8

Owner 4	Damaged Prop. Last Name	First Name
Address
City	State	ZIP
Damaged Property Description

Owner 5	Damaged Prop. Last Name	First Name
Address
City	State	ZIP
Damaged Property Description

Owner 6	Damaged Prop. Last Name	First Name
Address
City	State	ZIP
Damaged Property Description

Owner 7	Damaged Prop. Last Name	First Name
Address
City	State	ZIP
Damaged Property Description

Owner 8	Damaged Prop. Last Name	First Name
Address
City	State	ZIP
Damaged Property Description

Owner 9	Damaged Prop. Last Name	First Name
Address
City	State	ZIP
Damaged Property Description

Owner 10	Damaged Prop. Last Name	First Name
Address
City	State	ZIP
Damaged Property Description

Header Fields

Electronic Reporting

- In general, these header fields should be filled out automatically by the electronic reporting application when the crash report is entered electronically.

Field 1: Page ___ of ___ Pages

PAGE ___ OF ___ PAGES

Enter the page number for this page (according to its location in the crash report package) in the first blank.

Enter the same number of total number of pages as on the first page of the crash report package (**Field 1: Page 1 of ___ Pages**) in the second blank.

For information on the order of pages in the crash report package, see *The DR3447 Crash Report Package* on page 17 of this manual.

Field 2: Case Number

Case #

Enter the same case number as on the first page of the crash report package.

Field 3: (Law Enforcement) Agency ORI

Agency ORI

Enter the same agency ORI of the reporting agency as on the first page of the crash report package.

Field 4: (Law Enforcement) Agency Name

Agency Name

Enter the same name of the reporting agency as on the first page of the crash report package.

Damaged Property Fields

Fill in one section of this supplemental page for each owner of property that was damaged in the crash.

NOTE: If any public property was damaged in the crash, make sure that you mark **Field 7:Public Property Damaged Check** Box on **76NARRATIVE/DIAGRAM (Page B)**.

Field 5: Damaged Property Owner

Owner 3

This field is pre-filled with numbers 3-10.

Field 6: Damaged Property Owner – Name

Damaged Prop. Last Name	First Name

Enter the information of the owner of property damaged in a crash.

The owner of the property, if known, should always be entered. If another individual, such as a renter, has immediate control of the property, his or her name should be listed in the narrative.

Field 7: Damaged Property Owner – Address

Address		
City	State	ZIP

Enter the street, route, or P.O. Box number, city, state, and zip code of up to two owner(s) of the damaged property.

Field 8: Damaged Property Description

Damaged Property Description

Briefly describe the damaged property, with just a few words, for example "STOP sign" or "guardrail" or "utility cabinet at intersection".

INVOLVED PERSON OVERLAY (Overlay A)

The following overlay is to be used to fill out the Occupant Details portion of any copies of Page C, TRAFFIC UNIT/NON-MOTORIST (Page E), and/or Additional Occupants Supplements (Supplement A) that are included in the Crash Report Package.

Figure 25: Involved Person Overlay (Overlay A) – With Reference Numbers

DR 3447 (11/09/18)   **INVOLVED PERSON OVERLAY**   NOT TO BE SUBMITTED TO DOR

Position In/On Vehicle

			14		
03	06	09			
02	05	08	10/11/12		13
01	04	07			

← ▮▮

01. Driver
02-09. Passengers
10. Other ENCLOSED Passenger/Cargo Area
11. Other UN-ENCLOSED Passenger/Cargo Area

12. Sleeper Section of Truck
13. Trailer
14. Riding/Hanging on to Exterior
     of Vehicle or Trailer

DRIVING RESTRICTIONS — **B**

00. None
01. Complied With
02. Not Complied With
03. Compliance Not Known
04. Did Not Comply With GDL 6 Months
05. Did Not Comply With GDL 12 Months

DRIVING ENDORSEMENTS — **C**

00. None
02. Not Complied With
01. Complied With
03. Compliance Not Known

EJECTION — **D**

00. No   01. Yes – Partial   02. Yes – Full   03. Extricated

EJECTION PATH — **E**

00. Not Ejected/ Not applicable
01. Through Side Door Opening
02. Through Side Window
03. Through Windshield
04. Through Back Window
05. Through Back Door/Tailgate Opening
06. Through Roof Opening
     (Sun Roof/Convertible Top Down)
07. Through Roof (Convertible Top Up)
08. Other Path (e.g. Back of Pickup Truck)
10. Motorcycle
09. Unknown

SAFETY EQUIPMENT - AVAILABLE — **F1**

A. None
B. Shoulder and Lap Belt
C. Shoulder Belt Only
D. Lap Belt Only
H. Child Restraint – Forward Facing
I. Child Restraint – Rear Facing
J. Child Restraint – Type Unknown
K. Booster Seat
F. N/A (e.g. Motorcycle)

SAFETY EQUIPMENT - USE — **F2**

(Restraints and MC Eye Protection)
00. Not Used
01. Properly Used
02. Improperly Used
03. Unknown

SAFETY EQUIPMENT - HELMET — **F3**

A. N/A (e.g. Cars/Ped/etc.)
B. No Helmet
C. Available, Not Used
D. Helmet Improperly used
E. Helmet Properly used
F. Unknown (Describe in Narrative)

A — AIRBAG - DEPLOYMENT

00. Not Equipped
01. Not Deployed
02. Deployed at pos. Only
03. Deployed at pos. and Others
04. Not Deployed at pos., Deployed at Others
05. Unknown (Describe in Narrative)

G1

AIRBAG - TYPE — **G2**

A. None
B. Front
C. Side
D. Curtain
E. Rear
F. Multiple
G. Knee
H. Air Belt
I. Center Console
J. Pedestrian Airbag
K. Other Airbag Type(Describe in Narrative)

INJURY SEVERITY — **H**

00. No Apparent Injury (O)
01. Possible Injury (C)
02. Suspected Minor Injury (B)
03. Suspected Serious Injury (A)
04. Fatal Injury (K)

ALCOHOL SUSPECTED (OFFICER OPINION ONLY) — **I**

YES	*NO*
01. Preliminary Breath Test	06. Preliminary Breath Test
02. SFST	07. SFST
03. Observed	08. Observed
05. Other Method	10. Other Method

TESTED FOR ALCOHOL — **J**

00. Not Tested
01. Blood
02. Breath
04. Other
05. Refusal
06. By Coroner – Unknown
07. By Coroner – Blood
08. By Coroner – Urine
09. By Coroner – Fluids
10. By Coroner – Other

MARIJUANA SUSPECTED (OFFICER OPINION ONLY) — **K**

00. Marijuana Not Suspected   01. Marijuana Suspected   02. Unknown

TESTED FOR MARIJUANA — **L**

00. Not Tested
01. Blood
04. Other
05. Refusal
06. By Coroner – Unknown
07. By Coroner – Blood
08. By Coroner – Urine
09. By Coroner – Fluids
10. By Coroner – Other

OTHER DRUG/IMPAIRMENT SUSPECTED (OFFICER OPINION ONLY) — **M**

YES	*NO*
01. Drug Recognition Expert	05. Drug Recognition Expert
02. SFST	06. SFST
03. Observed	07. Observed
04. Other Method	08. Other Method

TESTED FOR OTHER DRUGS — **N**

00. Not Tested
01. Blood
04. Other
05. Refusal
06. By Coroner – Unknown
07. By Coroner – Blood
08. By Coroner – Urine
09. By Coroner – Fluids
10. By Coroner – Other

TU#	A	B	C	D	E	F1	F2	F3	AGE	Name/Address	AA	Expired Date

G1	G2	H	I	J	K	L	M	N	SEX	EMS Trip #	Taken To	BB	Expired Time

TO BE FILLED OUT ONLY IN THE EVENT OF A FATALITY

DEAD AT SCENE — **AA**

00. No   01. Yes

TRANSPORTED BY — **BB**

01. Ambulance   02. Air   03. Not Transported   04. Other (Describe in Narrative)

Some of the definitions following are from the ANSI D16.1-2007 Manual on the Classification of Motor Vehicle Traffic Accidents (Seventh Edition). The primary purpose of the D16 manual is to promote uniformity and comparability of motor vehicle traffic accident statistics. The definitions taken from ANSI D16.1 are provided as guidelines and clarification of terminology. However, definitions in state law and elsewhere in the DR3447 manual always supersede those of the D16 manual.

alley For the purposes of traffic accident reporting, alleys are treated like any other roadway.

alley related Any accident which occurs in an alley or occurs when a vehicle is entering or exiting an alley.

animal drawn vehicle Any vehicle powered or drawn by an animal. This would include horse drawn buggy, horse drawn stagecoach, ox drawn wagon, etc.

at intersection This term describes an accident in which the first harmful event occurs in the confines of an intersection.

bus A bus is a motor vehicle designed to transport nine or more people, including the driver. It is a commercial motor vehicle if it is used in commercial enterprise.

bicycle A vehicle upon which a person may ride and which is propelled by human power applied to pedals. It may have either two wheels in tandem, or three wheels-two parallel and one forward. All wheels must be more than 14" in diameter.

cataclysm A cataclysm is an avalanche, cloudburst, cyclone, earthquake, flood, hurricane, landslide, lightning, tidal wave, tornado, torrential rain, or volcanic eruption.

commercial carrier Any owner of a motor vehicle, truck, laden or unladen truck tractor, trailer, or semi-trailer used in the business of transporting persons or property over the public highways for profit, hire, or otherwise in any business or commercial enterprise.

commercial enterprise A venture or undertaking involving financial commitment and connected to business and commerce in general. Included in this definition are churches, food banks, charities and other non-profit organizations.

controlled access highway Every highway, street or roadway in which preference it given to through traffic and access is limited and controlled by on and off ramps.

crosswalk That portion of a roadway included in the prolongation or connection of the lateral lines of sidewalks or any portion of the roadway distinctly indicated for pedestrian crossing by lines or other marking.

driveway access A driveway access is a roadway providing access to property adjacent to a trafficway.

Figure 26: Driver Access Diagram
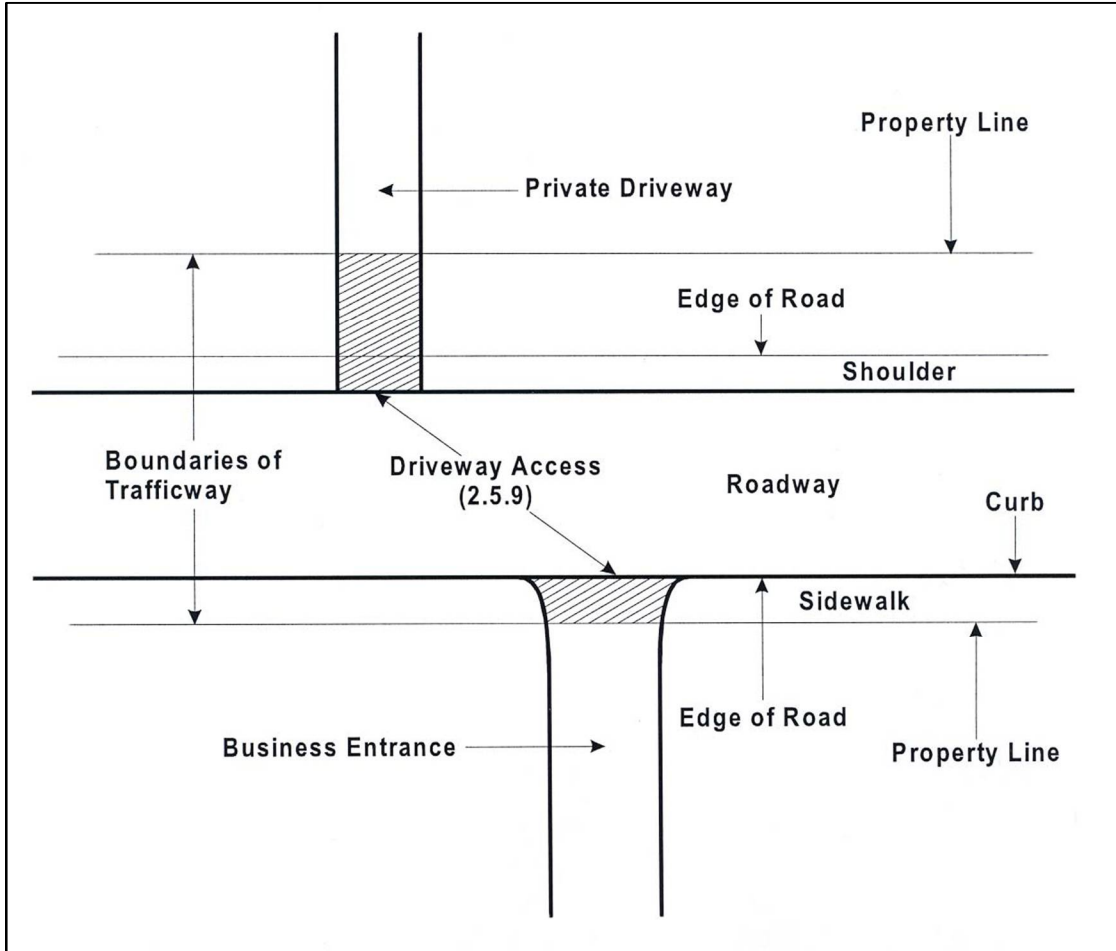
evident non-incapacitating injury This type of injury is evident to observers at the scene, but is not a fatal or incapacitating injury. Examples include bruises, lumps, and lacerations. Injuries that cannot be seen, such as limping or complaints of pain, are classified as possible injury.

farm vehicle When a vehicle is exclusively used as an implement of husbandry, it is classified as a farm vehicle. If that same vehicle is used solely for transportation, it is no longer classified as a farm vehicle. For example, a person driving his tractor into town to pick up groceries, the tractor would be classified as a motor vehicle instead of a farm vehicle.

fatal injury For the purposes of the accident report, a fatal injury is any injury that results in death within thirty days of the accident. Note that person must be born prior to the accident to be classified as a fatality. For example, a pregnant woman is involved in an accident that causes the birth of the child at the accident scene. The child subsequently dies as a result of injuries sustained in the accident. The child will NOT be classified as a fatality.

fire Incidents in which injuries or damage are solely the result of a vehicle fire are not investigated as traffic accidents regardless of whether the vehicle was in motion or not.

first harmful event is the first point of injury or damage in the sequence of events in a traffic accident.

gore is an area of land where two roadways converge or diverge. The direction of traffic must be the same on both sides of the area, and the area includes shoulders or marked pavement between the roadways. The gore area stops at 60 meters (approximately 200 feet) from the convergence or, if another road is within 70 meters, the gore stops 10 meters away from that road.

Figure 27: Gore Diagram #1
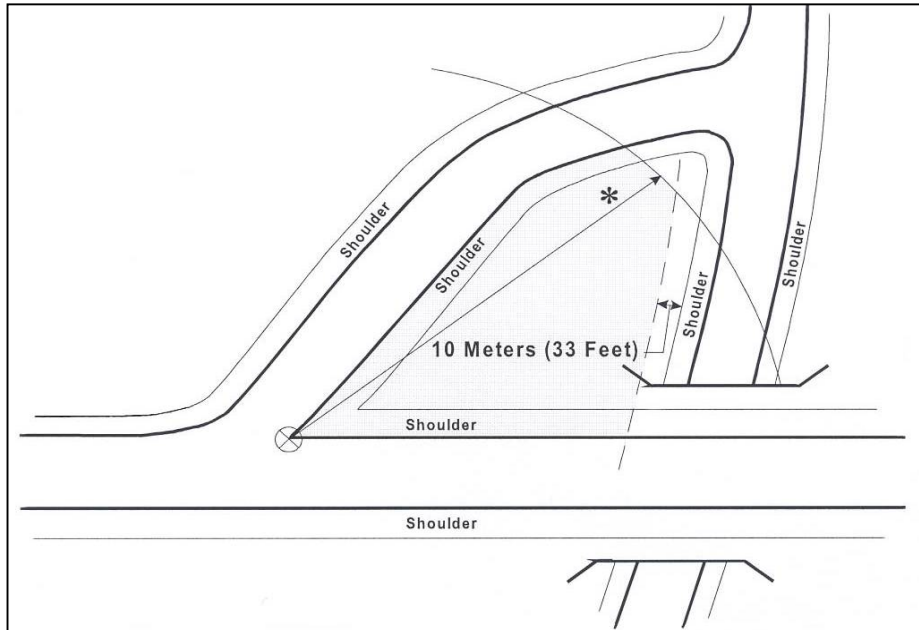
Figure 28: Gore Diagram #2
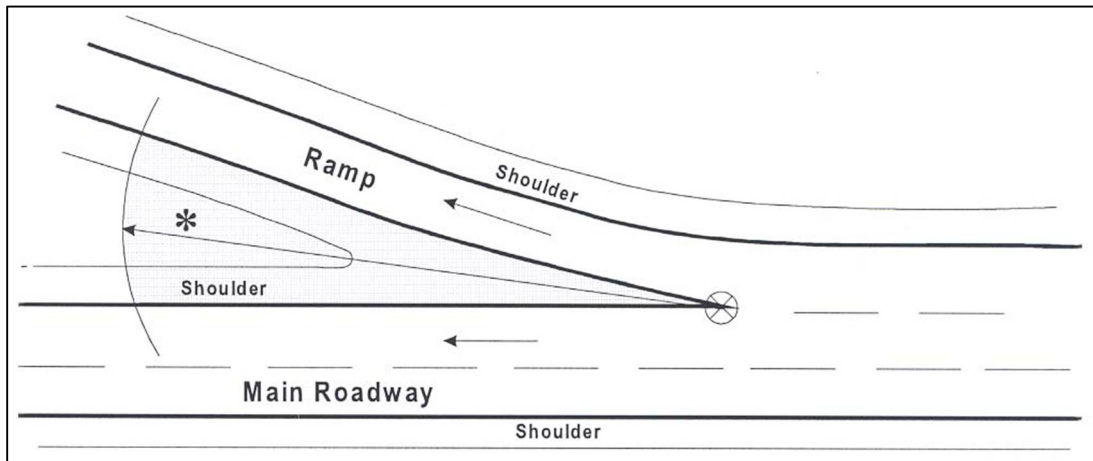
gross combined weight rating (GCWR) A GCWR is the sum of the GVWRs for the units which make up a truck combination.

gross vehicle weight rating (GVWR) is a value specified by the manufacturer for a single-unit truck, truck tractor, or trailer. In the absence of a GVWR, an estimate of the gross weight of a fully loaded unit may be substituted.

harmful event is that point in the sequence of events when injury or damage occurs.

highway interchange Defines the boundaries of the ramps of the controlled access highway.

Figure 29: Highway Interchange
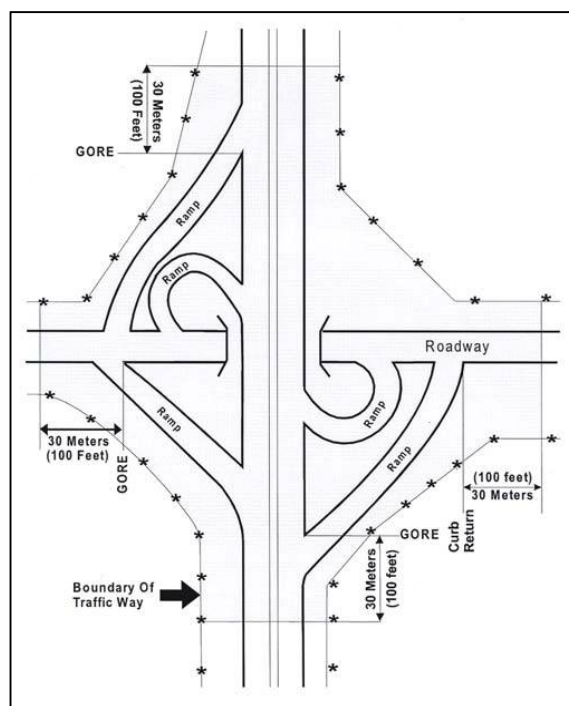
implement of husbandry Every vehicle designed, adapted or used for agricultural purposes. Also see *farm vehicle*.

incapacitating injury Any injury (other than a fatal injury) that prevents the injured person from walking, driving, or normally continuing the activities the person was capable of performing before the injury is an incapacitating injury. Examples include severe lacerations, broken limbs, and skull, chest, or abdominal injuries. Momentary unconsciousness is not included.

intermodal container means a freight container designed and constructed to permit it to be used interchangeably in two or more modes of transport.

intersection An intersection is an area which contains a crossing or connection of two or more roadways (not classified as driveway access). An intersection is embraced within the prolongation of the lateral curb lines or the lateral boundaries of the roadways if curbs are not present. See the diagram in Figure 10: Intersection.

intersection-related An accident in which the first harmful event occurs on an approach to or exit from an intersection and the harmful event results from movements controlled by the intersection.

interstate carrier An interstate carrier is any commercial vehicle that hauls between states, between two points in a single state by going through another state, or between two places in a state with cargo that originated outside the state.

Intrastate carrier Any commercial motor vehicle which does not meet the requirements of an interstate carrier would be classified as an intrastate carrier.

light rail A vehicle other than a railroad train for transporting persons or property upon rails, principally within a municipality.

median An area of a trafficway between parallel roads that separates travel in opposite directions. Note the distinction between a median and a separator. (See illustration under trafficway)

most harmful event That event in the sequence of events that caused the most significant injury or damage.

motorcycle For the purpose of the accident report, a motor vehicle designed to travel on not more than three wheels in contact with the ground and has an engine greater than 50cc in displacement. Excluded from this category are items of construction, farm, or industrial machinery.

motor-driven cycle A motor driven cycle meets the definition of a motorcycle, but has an engine displacement of 50 cc's or less and is designed for highway use. This excludes motor driven toys including, go-peds, mini-scooters, pocket bikes and motorized skateboards.

motor vehicle Any mechanically or electronically powered vehicle designed for highway use.

non-contact vehicle A vehicle that is directly involved in contributing to the traffic accident, yet does not make contact with involved vehicles, pedestrians or objects.

occupant Any person who is in or on a motor vehicle in transport.

overturning accident An accident in which the first harmful event is the overturning of a vehicle.

pedestrian Any person who is not an occupant of a vehicle. This includes persons operating mechanized toy vehicles, skateboards, etc., who are not otherwise classified as occupants on the DR3447.

person A person is any living human. Within the context of an accident report, a fetus is considered to be part of a pregnant woman rather than a separate individual.

pole trailer A pole trailer is a trailer designed to be attached to the towing vehicle by means of a reach or pole, or being boomed or otherwise secured to the towing road vehicle. These are ordinarily used for carrying property of a long or irregular shape such as poles, pipes, or structural members.

possible injury A possible injury is any injury reported or claimed which is not a fatal, incapacitating, or non-incapacitating evident injury.

private property Private property is property that is not included in the trafficway. Private property is not maintained or regulated by state or local transportation departments. Private property includes forest service roads and BLM land.

property Property is any physical object other than a person. Examples: real property, personal property, animals (wild and domestic), signs, guard rails, trees and property.

railway vehicle A vehicle designed for moving persons or property from one place to another on rails. When the vehicle is on rails, it is not considered a motor vehicle, i.e., high rail.

road A road includes both the roadway and any shoulder alongside the roadway.

roadside is the outermost part of the trafficway from the property line or other boundary to the edge of the first road. See illustration under trafficway.

roadway is that part of the trafficway designed, improved, and ordinarily used for motor vehicle travel. See illustration under trafficway.

roundabout is a circular intersection joining two or more streets which feeds traffic into a circulatory roadway that surrounds a central island. (Crashes which occur within the shaded area of the diagram below are classified as roundabout crashes).

Figure 30: Roundabout
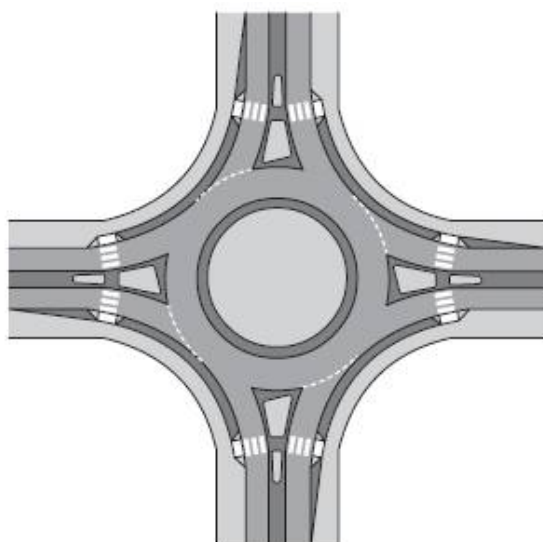
school bus A school bus is a motor vehicle which is owned or under contract to a public school or governmental agency and is used for the transportation of school children to or from public school or school activities. Any automobile, bus, van, utility vehicle, truck, or other vehicle that is designed for the transportation of school children and which meets the criteria above qualifies as a school bus.

semi-trailer A semi-trailer is a trailer (other than a pole trailer) designed for carrying property and constructed so that part of its weight rests upon or is carried by the towing vehicle.

separator The area of a trafficway between parallel roads separating travel in the same direction, or separating a frontage road from other roads is called a separator. See illustration under trafficway. Note the difference between a separator and a median.

Sidewalk should be defined here – if publicly maintained and point of impact takes place on the side walk, this is a countable crash, not private property.

shoulder A shoulder is that part of the trafficway contiguous with the roadway for emergency use, for accommodation of stopped road vehicles, and for lateral support of the roadway structure. See illustration under trafficway.

single-unit truck This truck consists of a single motorized transport device. When connected to a trailer, such a device may be part of a truck combination.

SUV A sports utility vehicle as defined by the manufacturer.

toy vehicle Any vehicle, whether or not home-built by the user, that has wheels with an outside diameter of not more than fourteen inches and is not designed, approved, or intended for use on public roadways or highways. Toy vehicles include, but are not limited to, gas-powered or electronic-powered vehicles commonly known as mini bikes, "pocket bikes", kamikaze boards, go-peds, and stand-up scooters.

traffic crash (or traffic accident) In the State of Colorado, a traffic crash is defined as unintentional injury or damage caused by the movement of a motor vehicle or its load.

trafficway A trafficway is any land way open to the public as a matter of right or custom - for moving persons or property from one place to another.

Figure 31: Trafficway Diagram
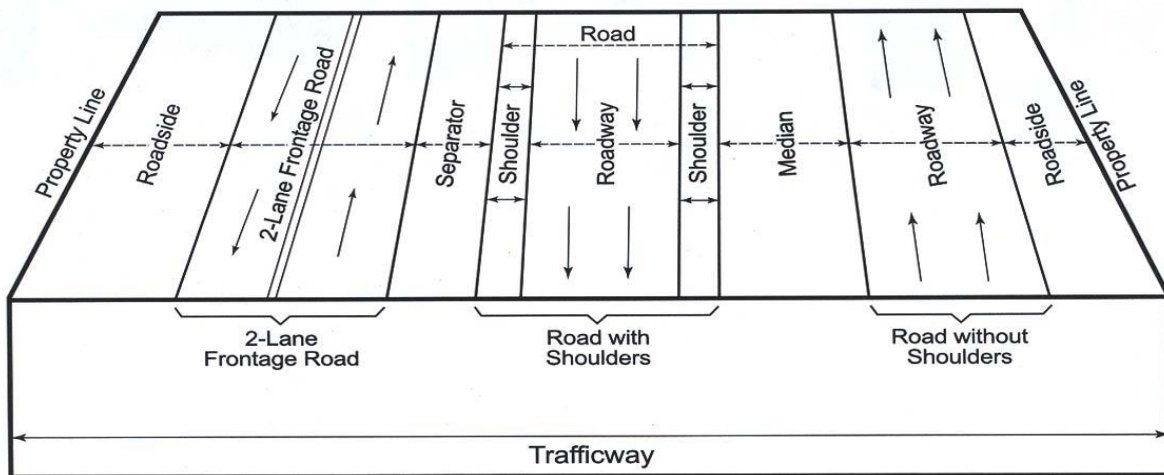
traffic unit A traffic unit is defined as any vehicle, bicyclist, or pedestrian (or other type of non-motorist) involved in a traffic crash.

trailer A trailer is a road vehicle designed to be drawn by another road vehicle. This includes pole trailers, semi-trailers, and full trailers.

transit bus Any vehicle meeting the definition of bus owned or contracted by a transit authority.

transport device Any device designed primarily for moving persons or property along with the device itself from one place to another is a transport device. Weapons and devices used within the confines of a building are not included. Human-powered devices that are not propelled by pedaling (such as skis or roller skates) are also excluded from this definition. Examples of devices which fit this definition include: airplanes, ships, helicopters, hovercraft, trains, snowmobiles, automobiles, buses, trucks, trailers, motorcycles, bicycles, mopeds, golf carts, and others.

transport vehicle A transport vehicle consists of one or more devices or animals and their load. When using the term to refer to a device or a unit of connected devices, it refers to them while idle or engaged in moving persons or property from one place to another. When referring to an animal or team of animals, it means that they are in use for moving persons or property other than the animal from one place to another. A movable device such as construction, farm, or industrial machinery is considered a transport vehicle if it is used outside the confines of a building and is used for moving people or other property or the device itself from one place to another. If any such device or animal has a load, the load is considered part of that transport vehicle.

transport way A transport way is any way or place reserved or commonly used for the operation of transport vehicles. Hiking trails, sidewalks, and footpaths are excluded.

truck A truck is a motor vehicle designed primarily for carrying property. Included are single-unit trucks and combinations.

truck combination A truck consists of a single-unit truck tractor together with one or more attached trailers.

truck tractor: A truck tractor is a motor vehicle consisting of a single motorized transport device designed for drawing trailers.

Figure 32: Typical Vehicle Silhouettes
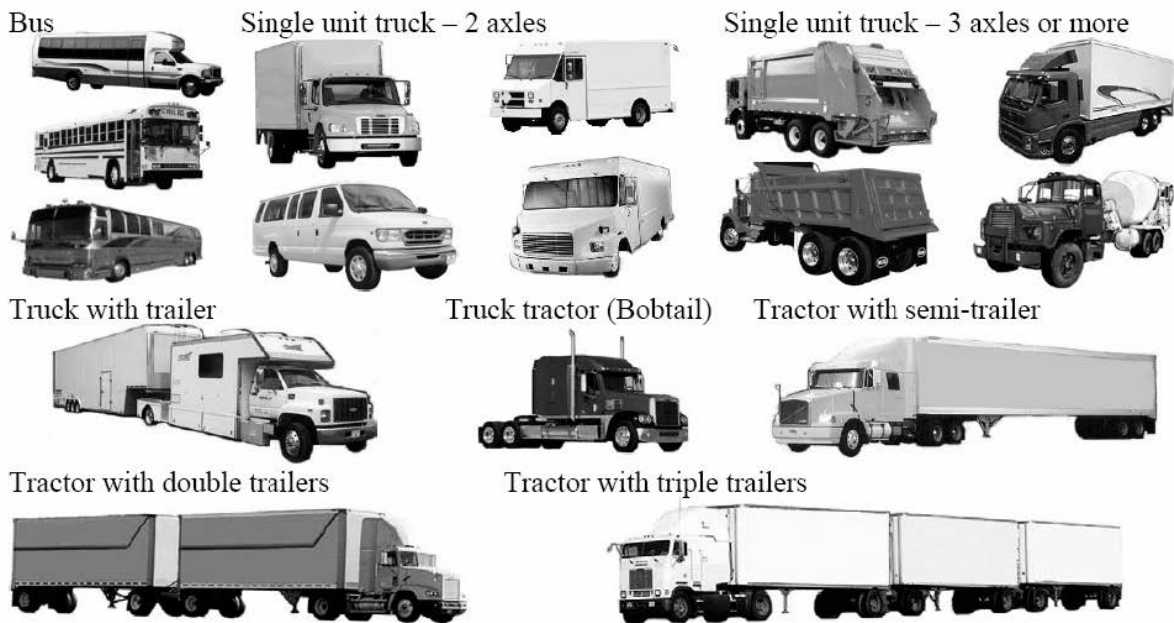
vehicle A vehicle is defined as any conveyance considered to be a vehicle under Colorado Revised Statute. While bicycles are not motor vehicles, they are vehicles under the law.

APPENDIX A – COUNTIES

Adams	Fremont	Morgan
Alamosa	Garfield	Otero
Arapahoe	Gilpin	Ouray
Archuleta	Grand	Park
Baca	Gunnison	Phillips
Bent	Hinsdale	Pitkin
Boulder	Huerfano	Prowers
Broomfield	Jackson	Pueblo
Chaffee	Jefferson	Rio Blanco
Cheyenne	Kiowa	Rio Grande
Clear Creek	Kit Carson	Routt
Conejos	La Plata	Saguache
Costilla	Lake	San Juan
Crowley	Larimer	San Miguel
Custer	Las Animas	Sedgwick
Delta	Lincoln	Summit
Denver	Logan	Teller
Dolores	Mesa	Washington
Douglas	Mineral	Weld
Eagle	Moffat	Yuma
El Paso	Montezuma	
Elbert	Montrose	

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APPENDIX B – STATE CODES

AK	—	Alaska	**KY**	—	Kentucky	**OH**	—	Ohio
AL	—	Alabama	**LA**	—	Louisiana	**OR**	—	Oregon
AR	—	Arkansas	**MA**	—	Massachusetts	**OK**	—	Oklahoma
AZ	—	Arizona	**MD**	—	Maryland	**PA**	—	Pennsylvania
CA	—	California	**ME**	—	Maine	**RI**	—	Rhode Island
CO	—	Colorado	**MI**	—	Michigan	**SC**	—	South Carolina
CT	—	Connecticut	**MN**	—	Minnesota	**UT**	—	Utah
DC	—	District of Columbia	**MO**	—	Missouri	**SD**	—	South Dakota
DE	—	Delaware	**MS**	—	Mississippi	**TN**	—	Tennessee
FL	—	Florida	**MT**	—	Montana	**TX**	—	Texas
GA	—	Georgia	**NE**	—	Nebraska	**VT**	—	Vermont
HI	—	Hawaii	**NV**	—	Nevada	**VA**	—	Virginia
IA	—	Iowa	**NJ**	—	New Jersey	**WA**	—	Washington
ID	—	Idaho	**NH**	—	New Hampshire	**WV**	—	West Virginia
IL	—	Illinois	**NY**	—	New York	**WI**	—	Wisconsin
IN	—	Indiana	**NC**	—	North Carolina	**WY**	—	Wyoming
KS	—	Kansas	**ND**	—	North Dakota			

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APPENDIX C – COUNTRY CODES

CANADIAN PROVINCES

LIS, MAK, OLS, POR, PLC, AND RES FIELD CODES FOR CANADIAN PROVINCES

Canadian Province	Code	Canadian Province	Code
Alberta	AB	Nova Scotia	NS
British Columbia	BC	Ontario	ON
Manitoba	MB	Prince Edward Island	PE
New Brunswick	NK	Quebec	PQ
Newfoundland (includes Labrador)	NF	Saskatchewan	SN
Northwest Territories	NT	Yukon (Territory)	YT

MEXICAN STATES

LIS, MAK, OLS, POR, PLC, AND RES FIELD CODES FOR MEXICAN STATES

Mexican State	Code	Mexican State	Code
Aguascalientes	AG	Morelos	MR
Baja California (Northern Section)	BA	Nayarit	NA
Baja California Sur (Southern Section)	BJ	Nuevo Leon	NL
Campeche	CE	Oaxaca	OA
Chiapas	CI	Puabla	PB
Chihuahua	CH	Queretaro	QU
Coahuila	CU	Quintana Roo	QR
Colima	CL	San Luis Potosi	SL
Distrito Federal (Mexico, D. F.)	DF	Sinaloa	SI
Durango	DO	Sonora	SO
Guanajuato	GU	Tabasco	TB
Guerrero	GR	Tamaulipas	TA
Hildago	HL	Tlaxcala	TL
Jalisco	JL	Veracruz	VC
Mexico, D. F. (Distrito Federal)	DF	Yucatan	YU
Mexico (State)	MX	Zacatecas	ZA
Michoacan	MC		

U.S. TERRITORIAL POSSESSIONS

LIS, MAK, OLS, POB, PLC, AND RES FIELD CODES FOR U.S. TERRITORIAL POSSESSIONS

Territorial Possession	Code	Territorial Possession	Code
American Samoa	AM	Mariana Islands	MK
Baker Island	BK	Marshall Islands	MH
Canal Zone	CZ	Midway Islands	MW
Caroline Islands	CG	Navassa Island	VL
Guam	GM	Northern Mariana Islands	MK
Howland Island	HO	Palmyra Atoll	PL
Jarvis Island	JR	Puerto Rico	PR
Johnston Atoll	JI	Virgin Islands	VI
Kingman Reef	KI	Wake Island	WK

Country/Dependency/Territory	Code	Country/Dependency/Territory	Code
Afghanistan	AF	Balearic Islands	BW
Africa (AC for reference only)	--	Bangladesh	BL
Albania	AA	Barbados	BB
Algeria	AN	Barbuda, Antigua and (formerly Antigua)	AI
Andorra	AD	Bassas Da India (French possession)	BF
Angola	AO	Belgium	BG
Anguilla (dependent territory of United Kingdom)	AE	Belize (formerly British Honduras)	BH
Antarctica (AY for reference only)	--	Benin (formerly Dahomey)	DH
Antigua and Barbuda (formerly Antigua)	AI	Bermuda (dependent territory of United Kingdom)	BM
Argentina	AT	Bhutan	BN
Armenia	AP	Bolivia	BV
Aruba (now independent of Netherlands Antilles)	AJ	Bonaire (Netherlands Antilles)	NX
Ashmore and Cartier Islands, Territory of (Australian external territory)	AH	Bosnia and Herzegovina	BP
Australia	AS	Botswana	BT
Austria	AU	Bouvet Island (Norwegian territory)	BQ
Azerbaijan	AV	Brazil	BZ
Azores Islands	AQ	British Honduras (now Belize)	BH
Bahamas, The	BD	British Indian Ocean Territory (Dependent territory of United Kingdom)	BO
Bahrain/Bahrein	BE		

Country/Dependency/Territory	Code
British Solomon Islands (now Solomon Islands)	BS
British Virgin Islands	VB
Brunei	BX
Bulgaria	BU
Burkina Faso (known as Burkina, formerly Upper Volta)	UV
Burma	BR
Burundi	BI
Byelarus	BY
Cambodia (formerly Khmer Republic & Kampuchea)	CJ
Cameroon	CM
Canada (see separate list of Canadian Provinces; see page 79 use code CD only when province is unknown)	CD
Canary Islands	ZI
Cape Verde Islands	CV
Cayman Islands (Dependent territory of United Kingdom)	CP
Central African Republic	CW
Ceylon (now Sri Lanka)	CY
Chad	CF
Chile, Republic of	CQ
China (CN for reference only)	--
People's Republic of China	RC
Taiwan, Republic of China	TW
Christmas Island, Territory of (Australian external territory)	HR
Clipperton Island (French possession)	DB
Cocos (Keeling) Islands, Territory of (Australian territory)	DD
Colombia, Republic of	CB
Comoros, Federal Islamic	DG
Republic of the Congo (or Republic of Congo) (CX for reference only)	RB
Congo Kinshasa, now Zaire	ZR
Cook Islands	DI

Country/Dependency/Territory	Code
Coral Sea Islands, Territory of (Australian external territory)	DJ
Costa Rica, Republic of	CR
Côte d'Ivoire, Republic of (Ivory Coast)	IY
Croatia	KC
Cuba, Republic of	CC
Curacao (Netherlands Antilles)	NX
Cyprus, Republic of	CS
Czech Republic	EZ
Czechoslovakia (CK for reference only)	--
Dahomey (now Benin)	DH
Denmark, Kingdom of	DK
Djibouti, Republic of	DN
Dominica	DM
Dominican Republic	DR
Ducie Islands (DU for reference only; see Pitcairn, Henderson, Ducie, and Oeno Islands)	PC
East Germany (German Democratic Republic,1945-1989; EM for reference only)	--
Ecuador	EU
Egypt (formerly United Arab Republic)	EY
El Salvador	EL
Ellice and Gilbert Islands (GL for reference only)	
Ellice Islands now Tuvalu	TV
Gilbert Islands now Kiribati	KB
Ellice Islands (now Tuvalu)	TV
England	EN
Equatorial Guinea	EK
Eritrea	ET
Estonia	ES
Ethiopia	EO
Europa Island (French possession)	ER
Falkland Islands, Colony of the (Islas Malvinas)	FA
Faroe Islands	FO

Country/Dependency/Territory	Code
Federal Republic of Germany (West Germany, 1945-1989; WG for reference only)	–
Fiji	FJ
Finland	FD
France	FN
French Guiana (Department of Guiana)	FG
French Polynesia, Territory of (French overseas territory)	FP
French Southern and Antarctic Lands, Territory of the (French overseas territory)	FR
Gabon	GB
Gambia, The	GK
Gaza	GZ
Georgia (formerly Gruzinskaya)	GD
German Democratic Republic (East Germany, 1945-1989; EM for reference only)	–
Germany (East Germany, 1945-1989; EM for reference only) (West Germany, 1945-1989; WG for reference only)	GE
Ghana	GG
Gibraltar (dependent territory of United Kingdom)	RG
Gilbert and Ellice Islands (GL for reference only)	
Gilbert Islands (now Kiribati)	KB
Glorioso Islands (French possession)	GO
Great Britain (see England, Scotland, Wales, Northern Ireland)	--
Greece	GC
Greenland	GN
Grenada	GJ
Guadeloupe, Department of	GP
Guatemala	GT
Guernsey, Bailiwick of (British Crown dependency)	GF
Guiana, French	FG
Guinea	GI

Country/Dependency/Territory	Code
Guinea-Bissau (formerly Portuguese Guinea)	PG
Guyana	GY
Haiti	HT
Heard Island and McDonald Islands, Territory of (Australian external territory)	HE
Herzegovina, Bosnia and (HC for reference only)	BP
Holland (Netherlands)	NE
Honduras	HD
Hong Kong	HK
Hungary	HU
Iceland	IC
India	II
Indonesia (now includes Portuguese Timor)	IO
Iran	IR
Iraq	IQ
Ireland (does not include Northern Ireland; see Northern Ireland)	IE
Islas Malvinas (Falkland Islands)	FA
Isle of Man	IB
Israel	IS
Italy (includes Sicily and Sardinia)	IT
Ivory Coast (Côte d'Ivoire)	IY
Jamaica	JM
Jan Mayen (Norweigan territory)	JN
Japan	JA
Jersey, Bailiwick of (British Crown dependency)	JE
Jordan	JO
Juan de Nova Island	JU
Kampuchea (now Cambodia)	CJ
Kazakhstan	KT
Keeling (Cocos) Islands (Australian dependency)	DD
Kenya	KE
Khmer Republic (now Cambodia)	CJ
Kiribati (formerly Gilbert Islands)	KB

Country/Dependency/Territory	Code
Korea (KR for reference only)	
North Korea	KN
South Korea	KO
Kuwait	KU
Kyrgyzstan	KZ
Labrador (included in Newfoundland)	NF
Laos	LS
Latvia	LT
Lebanon	LN
Lesotho	LE
Liberia	LB
Libya	LY
Liechtenstein	LI
Lithuania	LH
Luxembourg	LX
Macao (now spelled Macau)	OC
Macau (formerly spelled Macao)	OC
Macedonia	ZD
Madagascar (included in Malagasy Republic)	MP
Madeira Islands	IM
Malagasy Republic (includes Madagascar)	MP
Malawi	MF
Malaysia	MZ
Maldives	MV
Mali	ML
Malta	MY
Man, Isle of (British Crown dependency)	IB
Manahiki Island	KH
Martinique	ZB
Mauritania	MU
Mauritius	UM
Mayotte, Territorial Collectivity of	YO
McDonald Island and Heard Island	HE
Mexico (see separate list of Mexican states (pg. 79) use code MM only when state is unknown)	MM

Country/Dependency/Territory	Code
Micronesia, Federated States of	FS
Moldova	LD
Monaco	MJ
Mongolia	MG
Montserrat (dependent territory of United Kingdom)	RR
Morocco	MQ
Mozambique	ZO
Namibia (South-West Africa)	SJ
Nauru	NR
Nepal	NP
Netherlands (Holland)	NE
Netherlands Antilles	NX
Nevis and Saint Christopher (or Saint Kitts)	TS
New Caledonia and Dependencies, Territory of (French overseas territory)	NQ
New Guinea (now Papua New Guinea)	NO
New Hebrides (now Vanuatu)	HN
New Zealand	NZ
Nicaragua	NU
Niger	NN
Nigeria	NG
Niue	IU
Norfolk Island, Territory of (Australian external territory)	OF
North Korea	KN
North Vietnam (VN for reference only)	--
Northern Ireland	NI
Norway	NW
Okinawa	OI
Oman	OM
Pakistan	PK
Palau, Republic of	PD
Panama	PM
Papua New Guinea (formerly New Guinea)	NO
Paracel Islands	PF
Paraguay	PV

Country/Dependency/Territory	Code
People's Democratic Republic of Yemen (ST for reference only)	–
People's Republic of China	RC
Peru	PU
Philippines	PI
Pitcairn, Henderson, Ducie, and Oeno Islands (dependent territory of United Kingdom)	PC
Poland	PO
Polynesia, French	FP
Portugal	PT
Portuguese Guinea (now Guinea-Bissau)	PG
Portuguese Timor (now included in Indonesia; TI for reference only)	--
Qatar	QA
Republic of Congo	RB
Republic of Yemen	RY
Reunion, Department of	RE
Rhodesia (now Zimbabwe)	RH
Romania/Rumania	RU
Russia (USSR; SX for reference only)	RA
Russian Federation	RF
Rwanda	RW
Saint Christopher (or Saint Kitts) and Nevis	TS
Saint Helena (dependent territory of United Kingdom)	HS
Saint Kitts (or Saint Christopher) and Nevis	TS
Saint Kitts-Nevis-Anguilla (AW for reference only)	--
Anguilla (now separate)	AE
Saint Christopher (or Saint Kitts) & Nevis	TS
Saint Lucia	LU
Saint Pierre and Miquelon, Territorial Collectivity of	PS
Saint Vincent and the Grenadines	VV
San Marino	SH
Sao Tome and Principe	TP

Country/Dependency/Territory	Code
Sardinia (included in Italy)	IT
Saudi Arabia	SB
Scotland	SS
Senegal	SG
Seychelles	SE
Sicily (included in Italy)	IT
Sierre Leone/Sierra Leone	SA
Sikkim (now code as India; for reference only)	SK
Singapore	SR
Slovakia	LF
Slovenia	LO
Socialist Republic of Vietnam	RV
Solomon Islands (formerly British Solomon Islands)	BS
Somalia	SM
South Africa	SF
South Georgia and the South Sandwich Islands	GS
South Korea	KO
South Vietnam (for reference only)	--
Southern Yemen (now Republic of Yemen; ST for reference only)	--
South-West Africa (Namibia)	SJ
Soviet Union (USSR; SX for reference only)	--
Spain	SP
Spanish Sahara (now Western Sahara)	RS
Spratly Islands	TE
Sri Lanka (formerly Ceylon)	CY
Sudan	SU
Surinam	ZC
Svalbard (Norwegian territory)	SV
Swaziland	SW
Sweden	SQ
Switzerland	SZ
Syria	SY
Taiwan, Republic of China	TW
Tajikistan	TJ

Country/Dependency/Territory	Code	Country/Dependency/Territory	Code
Tanzania, United Republic of	TZ	Uzbekistan, Republic of	UZ
Thailand	TH	Vanuatu, Republic of (Formerly New Hebrides)	HN
Timor, Portuguese (now included in Indonesia; TI for reference only)	--	Vatican City	VY
Togo	TO	Venezuela, Republic of	VZ
Tokelau (New Zealand territory)	TK	Vietnam (VM for reference only)	--
Tonga	TG	North Vietnam (VN for reference only)	
Tongareva	TQ	South Vietnam (VS for reference only)	--
Trinidad and Tobago	TT	Vietnam, Socialist Republic of	RV
Tromelin Island (French possession)	TM	Wales	WL
Trucial States (now United Arab Emirates)	TC	Wallis and Futuna, Territory of the (French overseas territory)	WF
Trust Territory of the Pacific Islands	TD	West Bank	WB
Tuamotu Archipelago	TF	West Germany Federal Republic of Germany: 1945-1989 (WG for reference only)	--
Tunisia	TU		
Turkey	TY	West Indies (For West Indies Islands not found in this listing)	WN
Turkmenistan	UR		
Turks and Caicos Islands (dependent territory of United Kingdom)	TR	Western Sahara, Independent State of (Formerly Spanish Sahara)	RS
Tuvalu (Formerly Ellice Islands)	TV	Western Samoa	WS
Uganda	UG	Yemen, Republic of	RY
Ukraine	UK	People's Democratic Republic of	--
United Arab Emirates (Formerly Trucial States)	TC	Yemen (ST for reference only)	
United Arab Republic (Now code as Egypt; UA for reference only)	EY	Yemen Arab Republic (YE for reference only)	--
		Yugoslavia	YG
United Kingdom (see England, Scotland, Wales, Northern Ireland)	--	Zaire, Republic of (Formerly Congo Kinshasa)	ZR
United States of America (USA)	US*	Zambia, Republic of	ZM
Unknown Place of Birth	XX	Zimbabwe, Republic of (Formerly Rhodesia)	RH
Upper Volta (now Burkina Faso)	UV	All others (use the code YY for any country/ dependency/territory not included in this listing)	YY
Uruguay	UY		
USSR (Soviet Union; SX for reference only)	--		

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APPENDIX D – REGISTRATION ABBREVIATIONS
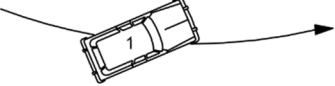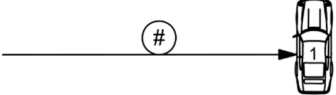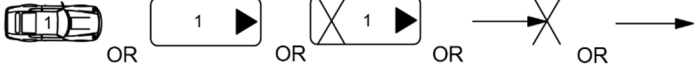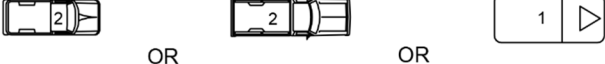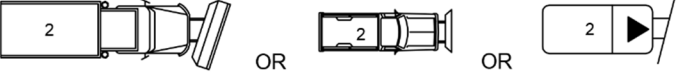
BATCH LOG   Batch login is done when the title application batches are received from the county offices. This notation on tracking lets us know when the paperwork was received at the state office.

AIR   Automobile Inspection Readjustment Program

ANR   Agricultural and Natural Resources

BOS   Bill of Sale

BT   Bond Batch-Ownership documents not available. The VIN cannot be corrected with documentation or as part of the special ID process. Title issued by the state title section.

CBI   Colorado Bureau of Investigation

CCIC   Colorado Crime Information Center system

CO   Court Order

CT   Colorado to Colorado title batch issued at the state

CVIN   Confidential Vehicle Identification Number

DBA   Doing Business As

DP   Duplicate title batch printed at the county office, handed to the customer over the counter or mailed to the lien holder.

DRIVES   Colorado **D**river license, **R**ecord, **I**dentification and **V**ehicle **E**nterprise **S**olution

DV   Disabled Veteran

DT   Duplicate title batch printed at the state office.

DUP   Duplicate title

FILM LOGIN   Film login is done on tracking after the paperwork has been microfilmed. This is the address where the film is located if it needs to be located.

GOV BOS   Government Bill of Sale

GVW   Gross Vehicle Weight

GVWR	Gross Vehicle Weight Rating
HMD	Homemade
HUTF	Highway Users Tax Fund
HVUT	Heavy Vehicle Use Tax
ID	Identification number
IRP	International Registration Proration
IDS	Integrated Data System
IT	Colorado to Colorado Title Batch. These titles were issued and printed at the office and handed to the customer over the counter.
JBC	Joint Budget Committee
JTWROS	Joint Tenancy with Rights of Survivorship
MCO	Manufacture Certificate of Origin
MSO	Manufacturer Statement of Origin
MIIDB	Motorist Insurance Identification Data Base
MSRP	Manufacture Suggested Retail Price
MT	Miscellaneous Batch. This batch includes corrections as well as other types of titles.
MVBG	Motor Vehicle Business Group
NATB	National Automobile Theft Bureau
NICB	National Insurance Crime Bureau
NVIS	New Vehicle Information Sheet (Canadian type of MSO)
ODO	Odometer
OTR	Titles that were mailed and returned to the State as undeliverable
PH	Pearl Harbor
PHT	Purple Heart
PIP	Plate Inventory Program

POA	Power of Attorney
POT	Previous Ownership Tax
POW	Prisoner of War
PTO	Power Takeoff
REB	Rebuilt
RT	Regular Batch. Includes out-of-state titles issued by the state and any title or MSO that will have a lien filed.
SMD	Special Mobile Machinery Dealer
SME	Special Mobile Equipment (no longer used, refer to SMM)
SMM	Special Mobile Machinery
SOT	Specific Ownership Tax
ST	Special Batch. This usually includes rush title applications, applications that may have been rejected to the county office and problem corrected, and dealer for resale titles issued by the state office.
SUV	Sport Utility Vehicle
2/4 PLATES	License plates that have a configuration of 2 letters and up to 4 numbers. These will be remade during the plate replacement program.
TABOR	Taxpayer Bill of Rights
TMS	Title Management System
USURER	Term used for Military Registration
VIPER	A nickname for the actual computer
VIN	Vehicle Identification Number
VIR	Vehicle Inspection Report (Emissions)
VT	Salvage Batch. Titles that will be issued a salvage title when vehicles are repaired and made road-worthy before a branded title can be issued and vehicle registered.
YOM	Year of Manufacture

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SYMBOL	DESCRIPTION
	VEHICLE PATH PREVIOUS TO PHYSICAL EVIDENCE OF DIFFICULTY
OR	VEHICLE PATH AFTER SKID, SCUFF, IMPACT, OR OTHER PHYSICAL EVIDENCE OF DIFFICULTY
OR OR	POINT OR AREA OF IMPACT
	VEHICLES AT POINT OF IMPACT
	SPINNING VEHICLE
#	VEHICLE ROLLING OVER # - NUMBER OF ROLLS I.E. 1/2 or 3/4 or 1 ETC
OR OR OR	VEHICLE AT ITS FINAL POSITION
OR OR OR	AUTOMOBILE
OR OR	PICKUP TRUCK
OR OR	TRAILER
OR OR	SNOWPLOW
OR OR OR	TWO-WHEELED VEHICLE
PARKED - ATTENDED OR PARKED - UNATTENDED	PARKED VEHICLE ATTENDED OR UNATTENDED (SPECIFY)

TRUCK TRACTOR

TRUCK, SELF-CONTAINED

TRUCK, TRACTOR/TANKER

TRUCK,
TRACTOR/SEMI-TRAILER

BUS

TRUCK,
SELF- CONTAINED/TRAILER

TRUCK, SELF-CONTAINED/
TRAILER/TRAILER

TRUCK, TRACTOR/
TANKER/TANKER

TRUCK, TRACTOR/
TANKER/TANKER/TANKER

TRUCK, TRACTOR/
SEMI-TRAILER/TRAILER

OR — TRUCK, TRACTOR/ SEMI-TRAILER/ TRAILER/TRAILER

1

1 ▷

OR — TRAIN

DRIVER 1 OR PERSON — EJECTED OCCUPANT OR PEDESTRIAN (SPECIFY)

DOG OR Hat OR Rock OR — ANIMAL (SPECIFY) OR MISC OBJECT (SPECIFY)

STOP OR SPEED LIMIT OR STOP OR YIELD — SIGN (SPECIFY)

Curve 35 MPH — 750 ft. — PREVIOUS TRAFFIC CONTROL

Power Pole OR Power Pole — UTILITY POLE (SPECIFY)

OR — STREET LIGHT

Red OR OR — ELECTRIC SIGNAL LIGHT

Green OR OR — ELECTRIC SIGNAL LIGHT WITH GREEN ARROW

RAILROAD TRACK

Ditch OR Ditch — DITCH WITH WATER

Ditch OR Ditch — DRY DITCH

OR OR OR — GUARD RAIL OR CABLE RAIL - SPECIFY

✕ ✕ OR ✕ ✕ ✕ ✕ CLOSED GATE OPEN GATE	FENCE AND GATES
N OR ⊕ OR ⊃ N ▷	NORTH INDICATOR
⊢—————————— 71' All Wheel Skid —————————	LONG DIMENSIONS WITH POINT EXTENSION LINES
1 ■ ■ ■ 6' 2 4' ✕ ✕ 2' 6' 8'	SHORT DIMENSIONS WITH AND WITHOUT POINT EXTENSION LINES
350'	SECTION BREAK FOR UNUSUALLY LONG DISTANCES
2 POINT OF IMPACT 8 FT N. OF S. EDGE OF ROADWAY	DESCRIPTION OF POINT OF IMPACT IN CASES WHERE OTHER SHORT TYPE DIMENSIONS ARE NOT DESIRABLE
N Power Pole 4' STOP 2 12 Right Front Wheel - 3' W. of E. Extended Curb Line and 5' N. of S. Extended Curb Line 2 Right Rear Wheel - 3' W. of E. Extended Curb Line and 1' S. of S. Extended Curb Line	DIMENSIONS TO ILLUSTRATE EXAMPLES OF TRIANGULATION AND UTILIZING THE PROLONGATION OF THE LATERAL CURB OR ROADWAY EDGES WITHIN OR NEAR AN INTERSECTION
EMBANKMENT - UP BRIDGE J-7-G UP DOWNGRADE UP CANYON - GULCH BARROW PIT DOWN ST VRAIN RIVER	EXAMPLES OF EMBANKMENTS UP/DOWN, GRADE INDICATOR, BRIDGE AND RIVER
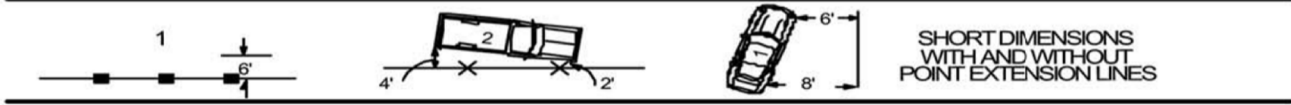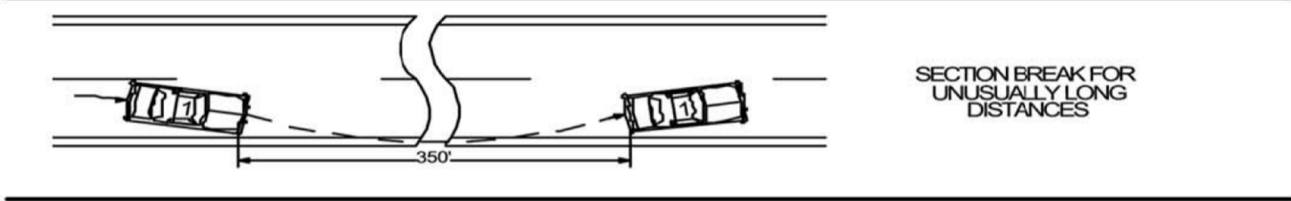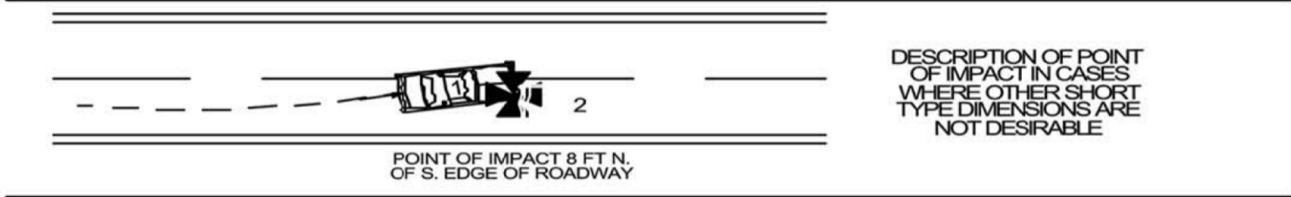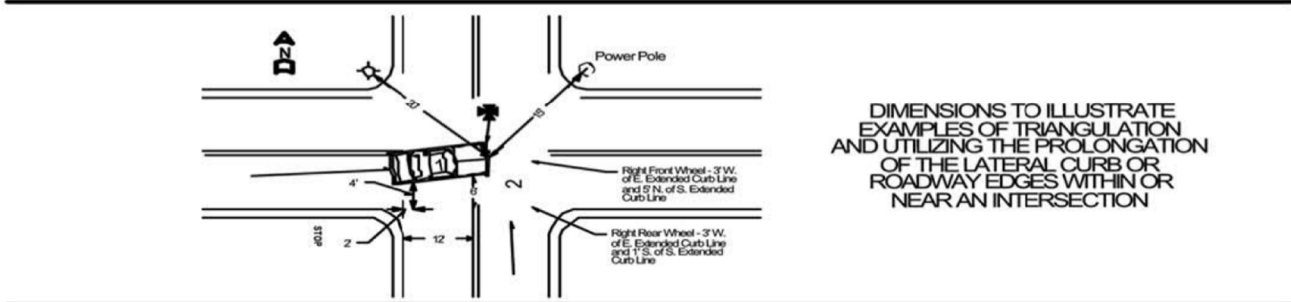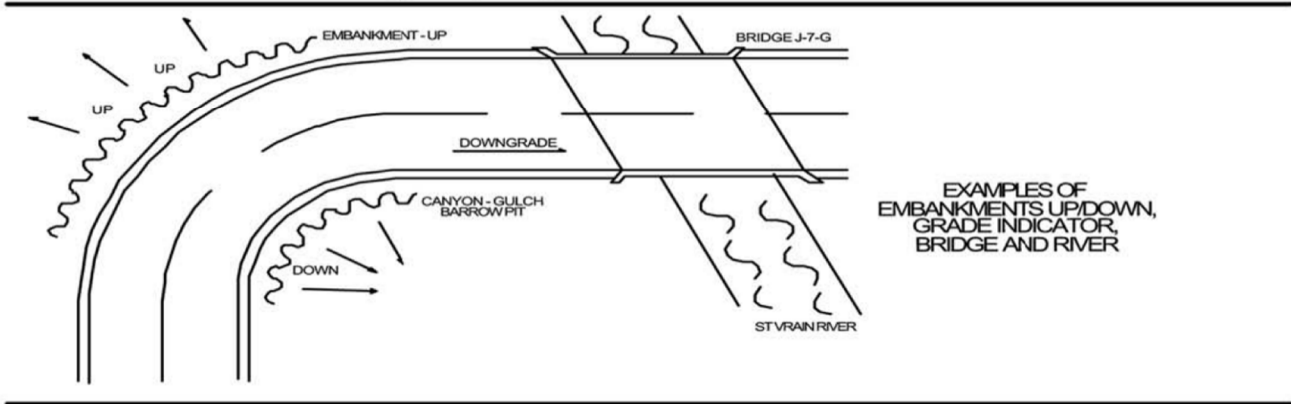
APPENDIX F – HIGHWAY CODE NUMBERS

Aguilar

County	HWY	From MP	To MP	Street
Las Animas	025B	1.807	1.815	I-25-SPUR at LINDEN ST and FIR ST
Las Animas	025B	1.815	1.863	I-25-SPUR at FIR ST
Las Animas	025B	1.863	1.948	I-25-SPUR

Akron

County	HWY	From MP	To MP	Street
Washington	034B	195.528	195.600	034B
Washington	034B	195.600	196.100	W 1ST ST
Washington	034B	196.100	196.700	E 1ST ST
Washington	034B	196.700	196.714	E 1ST ST at HICKORY AVE
Washington	034B	196.714	196.777	US-34
Washington	063A	27.635	28.315	S CEDAR AVE
Washington	063A	28.884	28.900	S CEDAR AVE at RAILROAD
Washington	063A	28.900	29.000	S CEDAR AVE
Washington	063A	29.000	29.006	S CEDAR AVE at E 1ST ST
Washington	063A	29.006	29.077	S CEDAR AVE
Washington	063A	29.077	29.218	CEDAR AVE
Washington	063A	29.218	29.361	S CEDAR AVE
Washington	063A	29.361	29.784	CEDAR AVE

Alamosa

County	HWY	From MP	To MP	Street
Alamosa	160A	230.652	230.800	US-160
Alamosa	160A	230.800	231.851	MAIN ST
Alamosa	160A	231.851	232.000	MAIN ST and CoRoute for 285A
Alamosa	160A	232.000	232.500	MAIN ST
Alamosa	160A	232.500	232.694	6TH ST
Alamosa	160A	232.694	232.700	6TH ST at LA VETA AVE
Alamosa	160A	232.700	232.769	6TH ST
Alamosa	160A	232.769	232.843	6TH ST and CoRoute for 285A
Alamosa	160A	232.843	232.996	6TH ST
Alamosa	160A	232.996	233.000	6TH ST at ROSS
Alamosa	160A	233.000	233.234	6TH ST
Alamosa	160A	233.234	233.324	STATE AVE
Alamosa	160A	233.324	233.413	6TH ST
Alamosa	160A	233.413	233.624	DENVER AVE
Alamosa	160Z	0.000	0.929	MAIN ST
Alamosa	285A	33.403	33.413	US-285
Alamosa	285A	33.413	33.600	WEST AVE
Alamosa	285A	33.600	33.610	WEST AVE at 11TH ST
Alamosa	285A	33.610	34.100	WEST AVE
Alamosa	285A	34.100	34.102	WEST AVE at MAIN ST

Alma

County	HWY	From MP	To MP	Street
Park	009C	70.371	70.401	S MAIN ST
Park	009C	70.401	70.476	S MAIN ST at CR-19
Park	009C	70.476	70.545	S MAIN ST
Park	009C	70.545	70.584	S MAIN ST at PINE
Park	009C	70.584	70.700	S MAIN ST
Park	009C	70.700	70.707	N MAIN ST at E BUCKSKIN ST
Park	009C	70.707	71.181	N MAIN ST

Antonito

County	HWY	From MP	To MP	Street
Conejos	285A	5.511	5.600	MAIN ST
Conejos	285A	5.600	5.609	MAIN ST at 2ND
Conejos	285A	5.609	5.891	MAIN ST
Conejos	285A	5.891	5.900	MAIN ST at 6TH
Conejos	285A	5.900	6.111	MAIN ST
Conejos	285A	6.111	6.121	MAIN ST at 9TH
Conejos	285A	6.121	6.304	MAIN ST

Arriba

County	HWY	From MP	To MP	Street
Lincoln	070A	382.708	383.496	I-70 and US-24

Arvada

County	HWY	From MP	To MP	Street
Jefferson	070A	268.799	269.501	I-70
Jefferson	072A	0.986	1.753	WARD RD
Jefferson	072A	1.799	2.373	WARD RD
Jefferson	072A	2.373	2.400	W 64TH AVE
Jefferson	072A	2.400	2.443	W 64TH AVE at RALSTON
Jefferson	072A	2.443	3.639	W 64TH AVE
Jefferson	072A	3.942	4.413	INDIANA ST
Jefferson	072A	4.573	5.114	INDIANA ST
Jefferson	072A	7.354	7.588	INDIANA ST
Jefferson	072A	7.810	7.888	INDIANA ST
Jefferson	072A	9.585	10.684	CO-72
Jefferson	072A	13.148	13.555	CO-72
Jefferson	076A	0.000	0.264	I-76 at MARSHALL ST
Jefferson	076A	0.531	0.768	I-76
Jefferson	093A	4.311	4.413	CO-93
Jefferson	093A	7.124	7.573	CO-93
Adams	095A	10.331	10.562	SHERIDAN BLVD
Jefferson	095A	10.562	10.796	SHERIDAN BLVD
Jefferson	095A	10.796	10.800	SHERIDAN BLVD at 62ND
Jefferson	095A	10.800	11.235	SHERIDAN BLVD
Adams	095A	11.235	11.564	SHERIDAN BLVD

Arvada

County	HWY	From MP	To MP	Street
Jefferson	095A	12.975	13.110	SHERIDAN BLVD
Jefferson	095A	13.110	13.187	SHERIDAN BLVD to W 80TH AVE
Jefferson	095A	13.187	13.383	SHERIDAN BLVD
Jefferson	121A	16.678	17.152	WADSWORTH BLVD
Jefferson	121A	17.152	17.984	WADSWORTH BYP
Jefferson	121A	17.984	18.000	WADSWORTH BYP at RALSTON RD
Jefferson	121A	18.080	18.696	WADSWORTH BYP
Jefferson	121A	18.696	18.799	WADSWORTH BLVD
Jefferson	121A	18.799	18.806	WADSWORTH BLVD at SCHNEIDER
Jefferson	121A	18.806	19.385	WADSWORTH BLVD
Jefferson	121A	19.385	19.400	WADSWORTH BLVD at 69TH
Jefferson	121A	19.400	19.481	WADSWORTH BLVD
Jefferson	121A	19.481	19.490	WADSWORTH BLVD at HACKBERRY HILL
Jefferson	121A	19.490	19.860	WADSWORTH BLVD
Jefferson	121A	19.860	19.901	WADSWORTH BLVD at 74TH
Jefferson	121A	19.901	20.174	WADSWORTH BLVD
Jefferson	121A	20.174	20.375	W 76TH AVE
Jefferson	121A	20.375	21.675	WADSWORTH BLVD

Aspen

County	HWY	From MP	To MP	Street
Pitkin	082A	38.318	38.510	CO-82
Pitkin	082A	38.870	39.800	CO-82
Pitkin	082A	39.800	39.804	CO-82 at Old Hwy 82
Pitkin	082A	39.804	40.190	CO-82
Pitkin	082A	40.190	40.381	W HALLAM ST
Pitkin	082A	40.381	40.400	W HALLAM ST at N 7TH ST
Pitkin	082A	40.400	40.494	W HALLAM ST
Pitkin	082A	40.494	40.500	W MAIN ST at Seventh Street
Pitkin	082A	40.500	40.696	W MAIN ST
Pitkin	082A	40.696	40.700	W MAIN ST at 4TH
Pitkin	082A	40.700	40.894	W MAIN ST
Pitkin	082A	40.894	40.900	W MAIN ST at 1ST
Pitkin	082A	40.900	40.960	W MAIN ST
Pitkin	082A	40.960	41.093	E MAIN ST
Pitkin	082A	41.093	41.100	E MAIN ST at N MONARCH ST
Pitkin	082A	41.100	41.430	E MAIN ST
Pitkin	082A	41.430	41.573	S ORIGINAL ST
Pitkin	082A	41.573	41.858	E COOPER AVE
Pitkin	082A	41.858	41.871	E COOPER AVE at PARK
Pitkin	082A	41.871	42.100	E COOPER AVE
Pitkin	082A	42.100	42.111	E COOPER AVE at MCSKIMMING RD
Pitkin	082A	42.111	42.228	E COOPER AVE and Top of the Rockies

Ault

County	HWY	From MP	To MP	Street
Weld	014C	153.017	153.427	W 1ST ST
Weld	014C	153.427	153.622	E 1ST ST
Weld	085L	279.264	280.284	US-85

Aurora

County	HWY	From MP	To MP	Street
Arapahoe	030A	3.846	4.901	S HAVANA ST
Arapahoe	030A	4.901	4.910	S HAVANA ST at E COLORADO AVE
Arapahoe	030A	4.910	5.291	S HAVANA ST
Arapahoe	030A	5.291	5.300	S HAVANA ST at FLORIDA
Arapahoe	030A	5.300	5.580	S HAVANA ST
Arapahoe	030A	5.580	5.599	S HAVANA ST at E GARDEN DR
Arapahoe	030A	5.599	5.790	S HAVANA ST
Arapahoe	030A	5.790	5.800	S HAVANA ST at E MISSISSIPPI AVE
Arapahoe	030A	5.800	7.323	S HAVANA ST
Arapahoe	030A	7.323	7.900	N HAVANA ST
Arapahoe	030A	7.900	8.688	E 6TH AVE
Arapahoe	030A	8.688	8.700	E 6TH AVE at W DEL MAR CIR
Arapahoe	030A	8.700	10.162	E 6TH AVE
Arapahoe	030A	10.162	10.168	E 6TH AVE at N SABLE BLVD
Arapahoe	030A	10.168	11.090	E 6TH AVE
Arapahoe	030A	11.090	11.100	E 6TH AVE at LAREDO
Arapahoe	030A	11.100	11.310	E 6TH AVE
Arapahoe	030A	11.310	11.319	E 6TH AVE at NORFOLK
Arapahoe	030A	11.319	11.562	E 6TH AVE
Arapahoe	030A	11.562	11.573	E 6TH AVE at N AIRPORT BLVD
Arapahoe	030A	11.573	12.200	E 6TH AVE
Arapahoe	030A	12.200	12.202	E 6TH AVE at TELLURIDE ST
Arapahoe	030A	12.202	15.036	E 6TH AVE
Arapahoe	030A	15.036	17.000	CO-30
Arapahoe	030A	17.000	18.373	S GUN CLUB RD
Adams	040C	303.607	303.792	E COLFAX AVE
Adams	040C	303.792	303.800	E COLFAX AVE at BEELER ST
Adams	040C	303.800	304.669	E COLFAX AVE
Arapahoe	040C	304.669	304.795	E COLFAX AVE
Arapahoe	040C	304.795	304.800	E COLFAX AVE at JAMAICA
Arapahoe	040C	304.800	305.100	E COLFAX AVE
Arapahoe	040C	305.100	305.106	E COLFAX AVE at LIMA
Arapahoe	040C	305.106	305.600	E COLFAX AVE
Arapahoe	040C	305.600	305.608	E COLFAX AVE at PEORIA
Arapahoe	040C	305.608	305.667	E COLFAX AVE
Adams	040C	305.667	305.913	E COLFAX AVE
Adams	040C	305.913	305.918	E COLFAX AVE at SCRANTON
Adams	040C	305.918	305.970	E COLFAX AVE
Adams	040C	305.970	306.000	E COLFAX AVE at CHILDREN_S
Adams	040C	306.000	306.006	E COLFAX AVE at VICTOR

Aurora

County	HWY	From MP	To MP	Street
Adams	040C	306.006	306.031	E COLFAX AVE
Arapahoe	040C	306.031	306.284	E COLFAX AVE
Adams	040C	306.284	306.791	E COLFAX AVE
Adams	040C	306.791	306.800	E COLFAX AVE at EAGLE ST
Adams	040C	306.800	307.390	E COLFAX AVE
Adams	040C	307.390	307.401	E COLFAX AVE at JASPER North
Adams	040C	307.401	308.075	E COLFAX AVE
Arapahoe	040C	308.075	310.198	E COLFAX AVE
Arapahoe	040C	310.198	310.200	E COLFAX AVE at ESPANA ST
Arapahoe	040C	310.200	310.646	E COLFAX AVE
Adams	040C	310.646	311.754	E COLFAX AVE
Adams	070A	282.561	284.079	I-70
Adams	070A	284.079	284.099	I-70 at EXIT 283
Adams	070A	284.099	285.927	I-70
Adams	070A	285.927	285.932	I-70 at EXIT 286
Adams	070A	285.932	288.094	I-70
Arapahoe	083A	64.736	65.873	S PARKER RD
Arapahoe	083A	65.873	65.884	S PARKER RD at LEWISTON
Arapahoe	083A	67.632	69.394	S PARKER RD
Arapahoe	083A	69.394	69.400	S PARKER RD at LEHIGH
Arapahoe	083A	69.400	70.248	S PARKER RD
Arapahoe	083A	70.486	70.784	S PARKER RD
Arapahoe	083A	70.784	70.799	S PARKER RD at S PEORIA ST
Arapahoe	083A	70.799	72.129	S PARKER RD
Arapahoe	088B	20.496	21.734	E ARAPAHOE RD
Arapahoe	225A	3.937	9.901	I-225
Adams	225A	9.901	12.100	I-225
Adams	225A	12.100	12.431	I-225 at EXIT 12B
Douglas	470B	5.750	6.180	E-470
Arapahoe	470B	6.180	11.553	E-470
Arapahoe	470B	15.408	16.945	E-470
Arapahoe	470B	19.000	19.360	E-470
Arapahoe	470B	19.509	20.477	E-470
Adams	470B	20.645	20.900	E-470
Adams	470B	20.900	20.931	E-470 at 20
Adams	470B	20.931	21.138	E-470
Adams	470B	21.192	21.527	E-470
Adams	470B	22.537	24.092	E-470

Avon

County	HWY	From MP	To MP	Street
Eagle	070A	164.683	168.554	I-70

Basalt

County	HWY	From MP	To MP	Street
Eagle	082A	20.193	21.044	CO-82
Pitkin	082A	22.860	23.000	CO-82
Pitkin	082A	23.091	23.757	CO-82
Pitkin	082A	23.801	23.901	CO-82
Pitkin	082A	23.901	24.000	CO-82 at ARBANEY
Pitkin	082A	24.000	24.165	CO-82

Bayfield

County	HWY	From MP	To MP	Street
La Plata	160A	103.100	103.369	US-160

Bennett

County	HWY	From MP	To MP	Street
Adams	036C	88.836	89.210	E COLFAX AVE
Adams	036D	89.894	89.970	E COLFAX AVE
Adams	036D	90.800	91.173	E COLFAX AVE
Adams	070A	305.323	305.458	I-70 and US-287
Adams	079A	0.356	1.027	S 1ST ST
Adams	079A	1.186	1.240	S 1ST ST at W CENTENNIAL DR
Adams	079B	1.580	1.666	ADAMS ST
Adams	079B	1.666	1.689	PALMER AVE
Adams	079B	1.689	1.700	PALMER AVE at 6TH
Adams	079B	1.700	1.950	PALMER AVE

Berthoud

County	HWY	From MP	To MP	Street
Weld	025A	248.217	249.714	I-25
Larimer	056B	2.821	3.581	CO-56
Larimer	056B	3.605	4.738	MOUNTAIN AVE
Larimer	056B	5.000	5.522	CO-56
Weld	056B	5.522	6.006	CO-56
Weld	056B	6.498	8.511	CO-56
Weld	056B	8.511	9.021	056B
Larimer	287C	324.960	325.000	US-287
Larimer	287C	325.000	325.529	US-287 and Berthoud ByPass
Larimer	287C	327.185	327.859	US-287 and Berthoud ByPass

Bethune

County	HWY	From MP	To MP	Street
Kit Carson	024C	446.851	447.333	024C

Black Hawk

County	HWY	From MP	To MP	Street
Gilpin	119A	5.997	8.065	CLEAR CREEK ST

Blanca

County	HWY	From MP	To MP	Street
Costilla	160A	252.683	253.600	MAIN ST
Costilla	160A	253.600	253.605	MAIN ST at BROADWAY
Costilla	160A	253.605	254.510	MAIN ST

Blue River

County	HWY	From MP	To MP	Street
Summit	009C	80.773	84.716	CO-9

Boone

County	HWY	From MP	To MP	Street
Pueblo	096B	75.142	75.907	CO-96
Pueblo	209A	1.353	1.528	CO-209

Boulder

County	HWY	From MP	To MP	Street
Boulder	007B	49.506	49.793	CANYON BLVD
Boulder	007B	49.793	49.800	CANYON BLVD at 16TH
Boulder	007B	49.800	49.989	CANYON BLVD
Boulder	007B	49.989	50.000	CANYON BLVD at 19TH
Boulder	007B	50.000	50.639	CANYON BLVD
Boulder	007C	52.290	53.599	ARAPAHOE AVE
Boulder	007C	53.599	53.600	ARAPAHOE AVE at MACARTHUR
Boulder	007C	53.600	54.918	ARAPAHOE AVE
Boulder	007C	54.918	55.068	ARAPAHOE RD
Boulder	036B	33.985	34.509	28TH ST
Boulder	036B	34.509	34.700	28TH ST to WINDING TRAIL DR and PALO PKY
Boulder	036B	34.700	35.000	28TH ST
Boulder	036B	35.000	35.005	28TH ST at IRIS
Boulder	036B	35.005	39.220	28TH ST
Boulder	036E	0.000	0.357	BASELINE RD
Boulder	093A	15.000	15.400	S BROADWAY ST
Boulder	093A	15.400	15.401	S BROADWAY ST at LUDLOW
Boulder	093A	15.401	16.498	S BROADWAY ST
Boulder	093A	16.498	16.500	S BROADWAY ST at EASTMAN AVE
Boulder	093A	16.500	16.846	S BROADWAY ST
Boulder	093A	16.846	18.849	BROADWAY ST
Boulder	119A	40.596	40.800	BOULDER CANYON DR
Boulder	119A	40.800	41.892	CANYON BLVD
Boulder	119B	44.237	45.019	DIAGONAL HWY
Boulder	119B	45.019	45.026	DIAGONAL HWY at 47TH ST
Boulder	119B	45.026	45.096	DIAGONAL HWY
Boulder	157A	0.000	3.000	FOOTHILLS PKY
Boulder	157A	3.118	3.624	FOOTHILLS PKY

Branson

County	HWY	From MP	To MP	Street
Las Animas	389A	1.068	1.786	CO-389
Las Animas	389A	1.786	2.124	ATHEY AVE

Breckenridge

County	HWY	From MP	To MP	Street
Summit	009C	86.000	86.418	S MAIN ST
Summit	009C	86.418	86.670	S PARK AVE
Summit	009C	86.670	87.189	N PARK AVE
Summit	009C	87.189	87.200	N PARK AVE at AIRPORT RD
Summit	009C	87.200	87.784	CO-9
Summit	009C	87.784	87.800	CO-9 at HIGHLANDS DR
Summit	009C	87.800	89.000	CO-9
Summit	009C	90.006	90.600	CO-9

Brighton

County	HWY	From MP	To MP	Street
Adams	007D	76.587	76.801	E 160TH AVE
Adams	007D	76.801	76.986	W BRIDGE ST
Adams	007D	76.986	77.000	W BRIDGE ST at US-85
Adams	007D	77.000	77.052	W BRIDGE ST
Adams	022A	0.000	0.100	E 124TH AVE at SABLE BLVD
Adams	022A	0.100	1.848	E 124TH AVE
Adams	022A	2.472	2.476	E 124TH AVE
Adams	076A	17.226	19.160	CoRoute for 002C and 006H
Adams	076A	19.160	19.280	I-76
Adams	076A	19.280	19.300	I-76 at 20
Adams	076A	19.300	20.118	I-76
Adams	076A	20.345	22.150	I-76
Adams	076A	22.150	22.158	I-76 at 22
Adams	076A	22.158	24.580	I-76
Adams	085C	229.757	235.600	US-85
Adams	085C	235.600	235.603	US-85 at at DENVER ST
Adams	470B	35.471	35.812	E-470
Adams	470B	35.931	36.829	E-470
Adams	470B	37.752	37.830	E-470
Adams	470B	38.617	38.763	E-470

Brookside

County	HWY	From MP	To MP	Street
Fremont	115A	3.657	4.240	CO-115

Broomfield

County	HWY	From MP	To MP	Street
Broomfield	007D	64.551	65.000	W 168TH AVE
Broomfield	007D	65.000	65.352	160TH Ave
Broomfield	007D	65.352	65.908	160TH Ave at VISTA PKY
Broomfield	007D	65.908	66.400	160TH Ave
Broomfield	007D	66.400	66.926	160TH Ave at MOUNTAIN VIEW BLVD
Broomfield	007D	66.926	67.392	160TH Ave
Broomfield	007D	67.392	67.400	160TH Ave at CR-7
Broomfield	007D	67.400	68.433	160TH Ave
Broomfield	007D	68.433	68.541	CO-7
Broomfield	025A	227.347	227.737	I-25
Broomfield	025A	227.737	227.745	I-25 at NORTHWEST PKY
Broomfield	025A	227.745	231.090	I-25
Broomfield	036B	45.177	49.406	US-36
Broomfield	121A	24.831	25.060	WADSWORTH PKY
Broomfield	121A	25.060	26.244	CO-121
Broomfield	121A	26.244	26.419	CO-121 at Wadsworth Blvd
Broomfield	128A	5.658	7.138	CO-128
Broomfield	128A	7.138	7.147	CO-128 at INTERLOCKEN
Broomfield	128A	7.147	7.748	CO-128
Broomfield	128A	7.748	8.627	W 120TH AVE
Broomfield	287C	296.087	296.100	W 120TH AVE at SHERIDAN BLVD
Broomfield	287C	296.100	296.370	W 120TH AVE
Broomfield	287C	296.370	296.379	W 120TH AVE at ASH
Broomfield	287C	296.379	297.000	W 120TH AVE
Broomfield	287C	297.000	297.011	W 120TH AVE at MAIN ST
Broomfield	287C	297.011	297.200	W 120TH AVE
Broomfield	287C	297.200	297.208	W 120TH AVE at REED
Broomfield	287C	297.208	297.648	W 120TH AVE
Broomfield	287C	297.648	298.500	US-287
Broomfield	287C	298.500	298.501	US-287 at GARDEN
Broomfield	287C	298.501	299.200	US-287
Broomfield	287C	299.200	299.820	DILLON RD
Broomfield	470N	46.398	47.600	NORTHWEST PKY
Broomfield	470N	47.600	47.636	NORTHWEST PKY at 48
Broomfield	470N	47.636	52.252	NORTHWEST PKY
Broomfield	470N	53.000	54.450	NORTHWEST PKY

Brush

County	HWY	From MP	To MP	Street
Morgan	034B	170.363	170.896	034B
Morgan	034B	170.896	170.900	034B at CR-26
Morgan	034B	170.900	170.966	034B
Morgan	034B	170.966	172.047	EDISON ST
Morgan	034B	172.047	172.127	TURNER ST
Morgan	034B	172.127	172.336	EDISON ST
Morgan	034B	172.336	172.480	CLAYTON ST
Morgan	034B	172.480	172.553	EDISON ST
Morgan	034B	172.553	172.744	E EDISON ST
Morgan	034B	172.744	172.922	US-34

Brush

County	HWY	From MP	To MP	Street
Morgan	071E	175.486	175.696	COLORADO AVE
Morgan	071E	175.696	175.700	COLORADO AVE at EMERSON
Morgan	071E	175.700	175.934	COLORADO AVE
Morgan	071E	175.934	175.940	COLORADO AVE at MILL
Morgan	071E	175.940	175.960	COLORADO AVE
Morgan	071E	176.000	176.253	COLORADO AVE
Morgan	071E	176.280	176.294	COLORADO AVE
Morgan	071E	176.372	176.897	COLORADO AVE
Morgan	076A	89.504	89.770	I-76

Buena Vista

County	HWY	From MP	To MP	Street
Chaffee	024A	210.000	210.693	US-24
Chaffee	024A	210.693	210.700	US-24 at COTTONWOOD AVE at CEDAR ST
Chaffee	024A	210.700	211.222	US-24
Chaffee	024A	211.222	211.226	US-24 at BAYLOR
Chaffee	024A	211.226	211.300	US-24

Burlington

County	HWY	From MP	To MP	Street
Kit Carson	024C	453.869	454.300	024C
Kit Carson	024C	454.300	454.698	ROSE AVE
Kit Carson	024C	454.698	454.700	ROSE AVE at GENNESSEE
Kit Carson	024C	454.700	454.828	ROSE AVE
Kit Carson	024D	455.882	456.047	ROSE AVE
Kit Carson	024D	456.047	456.568	OLD US-24
Kit Carson	070A	438.225	438.513	I-70 and US-24 at CR-12
Kit Carson	070Q	0.137	0.377	ROSE AVE
Kit Carson	385C	187.463	187.700	S LINCOLN ST
Kit Carson	385C	187.700	187.706	S LINCOLN ST at FAY ST
Kit Carson	385C	187.706	187.886	LINCOLN ST
Kit Carson	385C	187.886	188.300	ROSE AVE
Kit Carson	385C	188.300	188.304	ROSE AVE at 16TH ST
Kit Carson	385C	188.304	188.800	ROSE AVE
Kit Carson	385C	188.800	188.801	ROSE AVE at 9TH ST
Kit Carson	385C	188.801	188.855	ROSE AVE
Kit Carson	385C	188.855	189.018	8TH ST
Kit Carson	385C	189.018	189.028	8TH ST at LOWELL
Kit Carson	385C	189.028	189.197	8TH ST
Kit Carson	385C	189.197	189.200	8TH ST at MARTIN AVE
Kit Carson	385C	189.200	189.347	8TH ST

Calhan

County	HWY	From MP	To MP	Street
El Paso	024G	338.981	339.099	5TH ST
El Paso	024G	339.099	339.127	5TH ST at CRYSTOLA ST
El Paso	024G	339.127	339.692	5TH ST
El Paso	024G	339.692	339.700	5TH ST at DENVER ST
El Paso	024G	339.700	339.970	5TH ST

Campo

County	HWY	From MP	To MP	Street
Baca	287A	8.643	9.000	S MAIN ST
Baca	287A	9.000	9.010	S MAIN ST at 3RD ST
Baca	287A	9.010	9.142	S MAIN ST

Canon City

County	HWY	From MP	To MP	Street
Fremont	050A	276.662	277.700	US-50
Fremont	050A	277.700	278.099	W ROYAL GORGE BLVD
Fremont	050A	278.099	278.100	W ROYAL GORGE BLVD at 2ND
Fremont	050A	278.100	281.072	W ROYAL GORGE BLVD
Fremont	050A	281.072	281.240	US-50
Fremont	050A	281.502	282.445	US-50
Fremont	115A	0.000	0.395	S 9TH ST
Fremont	115A	0.395	0.400	S 9TH ST at MULBERRY
Fremont	115A	0.400	0.600	S 9TH ST
Fremont	115A	0.600	0.601	S 9TH ST at USSIE AVE
Fremont	115A	0.601	0.790	S 9TH ST

Carbondale

County	HWY	From MP	To MP	Street
Garfield	133A	66.000	66.092	DtD^_^McClure Pass
Garfield	133A	66.092	66.183	COUNTY ROAD 111
Garfield	133A	66.447	66.562	COUNTY ROAD 111
Garfield	133A	66.562	67.200	CO-133
Garfield	133A	67.200	67.204	CO-133 at WEANT
Garfield	133A	67.204	67.692	CO-133
Garfield	133A	67.692	67.700	CO-133 at GARFIELD
Garfield	133A	67.700	67.799	CO-133
Garfield	133A	67.799	67.800	CO-133 at CR-100
Garfield	133A	67.800	68.446	CO-133
Garfield	133A	68.645	68.699	CO-133
Garfield	133A	68.699	68.721	CO-133 at COWEN

Castle Rock

County	HWY	From MP	To MP	Street
Douglas	025A	180.884	181.000	I-25
Douglas	025A	181.517	181.853	I-25
Douglas	025A	183.162	183.970	WOLFENSBERGER RD
Douglas	025A	183.970	184.178	I-25
Douglas	085B	184.750	184.789	FOUNDERS PKY
Douglas	085B	184.789	184.800	S US-85-87 at FOUNDERS PKY at EXIT 184
Douglas	085B	184.800	185.117	MEADOWS PKY
Douglas	085B	185.117	185.379	US-85
Douglas	085B	185.379	185.500	US-85 at NEW BEALE
Douglas	085B	185.500	186.200	US-85
Douglas	085B	186.200	186.209	US-85 at CASTLEGATE
Douglas	085B	186.209	186.281	US-85
Douglas	086A	1.854	2.776	E HIGHWAY 86
Douglas	086A	4.024	4.937	E HIGHWAY 86
Douglas	086B	100.000	102.785	FOUNDERS PKY
Douglas	086B	102.785	102.800	FOUNDERS PKY at CRIMSON SKY
Douglas	086B	102.800	103.300	FOUNDERS PKY
Douglas	086B	103.300	103.302	FOUNDERS PKY at RISING SUN
Douglas	086B	103.302	104.247	FOUNDERS PKY
Douglas	086B	104.341	104.348	FOUNDERS PKY

Cedaredge

County	HWY	From MP	To MP	Street
Delta	065A	9.705	10.772	S GRAND MESA DR
Delta	065A	10.772	11.296	N GRAND MESA DR
Delta	065A	11.296	11.300	N GRAND MESA DR at FIR
Delta	065A	11.300	11.540	N GRAND MESA DR
Delta	065A	11.540	11.590	N 1ST ST
Delta	065A	11.590	11.600	N 1ST ST at JUNIPER
Delta	065A	11.600	11.710	N 1ST ST
Delta	065A	11.710	11.731	CO-65

Centennial

County	HWY	From MP	To MP	Street
Arapahoe	025A	195.076	196.685	I-25
Arapahoe	083A	63.115	64.048	S PARKER RD
Arapahoe	083A	65.884	66.557	S PARKER RD
Arapahoe	088B	17.473	18.491	E ARAPAHOE RD
Arapahoe	088B	18.491	18.500	E ARAPAHOE PL at LIMA
Arapahoe	088B	18.500	19.000	E ARAPAHOE RD
Arapahoe	088B	19.000	19.009	E ARAPAHOE RD at PARIS
Arapahoe	088B	19.009	20.496	E ARAPAHOE RD
Arapahoe	177A	0.100	0.285	S UNIVERSITY BLVD
Arapahoe	177A	0.285	0.300	S UNIVERSITY BLVD at OTERO
Arapahoe	177A	0.300	0.597	S UNIVERSITY BLVD

Centennial

County	HWY	From MP	To MP	Street
Arapahoe	177A	0.597	0.600	S UNIVERSITY BLVD at GAYLORD
Arapahoe	177A	0.600	0.800	S UNIVERSITY BLVD
Arapahoe	177A	0.800	0.803	S UNIVERSITY BLVD at JAMISON
Arapahoe	177A	0.803	1.600	S UNIVERSITY BLVD
Arapahoe	177A	1.600	1.700	S UNIVERSITY BLVD at DAVIES
Arapahoe	177A	1.700	1.995	S UNIVERSITY BLVD
Arapahoe	177A	1.995	2.000	S UNIVERSITY BLVD at E ARAPAHOE RD
Arapahoe	177A	2.000	2.400	S UNIVERSITY BLVD
Arapahoe	177A	2.400	2.401	S UNIVERSITY BLVD at E WEAVER AVE
Arapahoe	177A	2.401	2.691	S UNIVERSITY BLVD
Arapahoe	177A	2.691	2.700	S UNIVERSITY BLVD at CRABTREE
Arapahoe	177A	2.700	2.979	S UNIVERSITY BLVD

Center

County	HWY	From MP	To MP	Street
Saguache	112A	14.570	14.987	W 8TH ST
Saguache	112A	14.987	15.000	W 8TH ST at WASHINGTON
Saguache	112A	15.000	15.151	W 8TH ST
Saguache	112A	15.151	16.000	E 8TH ST

Cheraw

County	HWY	From MP	To MP	Street
Otero	109A	65.234	65.327	CO-109

Cherry Hills Village

County	HWY	From MP	To MP	Street
Arapahoe	088A	10.575	14.127	E BELLEVIEW AVE
Arapahoe	177A	4.117	6.111	S UNIVERSITY BLVD
Arapahoe	285D	260.667	260.670	E JEFFERSON AVE at S CLARKSON ST
Arapahoe	285D	260.670	260.783	E JEFFERSON AVE
Arapahoe	285D	260.937	260.949	E JEFFERSON AVE
Arapahoe	285D	261.059	261.185	E JEFFERSON AVE
Arapahoe	285D	261.185	261.200	E HAMPDEN AVE and E Jefferson Ave
Arapahoe	285D	261.200	261.395	E HAMPDEN AVE
Arapahoe	285D	261.716	262.688	E HAMPDEN AVE
Arapahoe	285D	262.688	262.700	E HAMPDEN AVE at S COLORADO BLVD
Arapahoe	285D	262.700	263.054	E HAMPDEN AVE
Arapahoe	285D	263.054	263.060	E HAMPDEN AVE at S CHERRY ST
Arapahoe	285D	263.060	263.181	E HAMPDEN AVE

Cheyenne Wells

County	HWY	From MP	To MP	Street
Cheyenne	040H	469.396	470.335	US-40
Cheyenne	040H	470.558	470.665	US-40
Cheyenne	385C	150.251	150.351	E 5TH ST
Cheyenne	385C	150.351	150.400	E 5TH ST S
Cheyenne	385C	150.400	150.777	S 2ND ST E
Cheyenne	385C	150.777	150.917	1ST ST
Cheyenne	385C	150.917	151.089	1ST ST
Cheyenne	385C	151.150	151.336	1ST ST

Cokedale

County	HWY	From MP	To MP	Street
Las Animas	012A	62.489	62.793	CO-12

Collbran

County	HWY	From MP	To MP	Street
Mesa	330A	9.510	9.861	CO-330
Mesa	330A	10.169	10.762	CO-330
Mesa	330A	10.844	10.913	CO-330
Mesa	330A	11.069	11.344	CO-330
Mesa	330A	11.344	11.395	HIGH ST at ELM

Colorado Springs

County	HWY	From MP	To MP	Street
El Paso	021A	137.606	138.410	CO-21
El Paso	021A	138.410	139.582	S POWERS BLVD
El Paso	021B	141.738	141.753	S POWERS BLVD at E PLATTE AVE
El Paso	021B	141.753	142.236	S POWERS BLVD
El Paso	021B	142.236	142.541	N POWERS BLVD
El Paso	021B	143.772	144.366	CONSTITUTION AVE
El Paso	021B	144.366	145.495	CAREFREE CIR N
El Paso	021B	145.495	145.500	N POWERS BLVD at BARNES RD
El Paso	021B	145.500	146.684	N POWERS BLVD
El Paso	021B	146.684	146.700	N POWERS BLVD at STETSON HILLS
El Paso	021B	146.700	147.468	N POWERS BLVD
El Paso	021B	148.208	148.700	N POWERS BLVD
El Paso	021B	148.700	148.707	CO-21 at WOODMEN
El Paso	021B	148.707	152.728	CO-21
El Paso	024A	301.274	303.840	W CIMARRON ST
El Paso	024G	310.878	310.892	E PLATTE AVE
El Paso	024G	313.178	313.444	US-24
El Paso	024G	314.592	314.900	US-24 and CONSTITUTION AVE
El Paso	024G	314.900	318.593	E US HIGHWAY 24
El Paso	024G	319.832	319.925	E US HIGHWAY 24
El Paso	024H	303.412	303.951	E FOUNTAIN BLVD at US-24
El Paso	024H	304.351	305.414	E FOUNTAIN BLVD at US-24

Colorado Springs

County	HWY	From MP	To MP	Street
El Paso	024H	305.414	306.600	E FOUNTAIN BLVD
El Paso	024H	306.600	306.620	E FOUNTAIN BLVD at S ACADEMY BLVD SB
El Paso	024H	306.620	306.890	E FOUNTAIN BLVD
El Paso	024H	306.890	306.900	E FOUNTAIN BLVD at ACADEMY PARK LOOP
El Paso	024H	306.900	308.910	E FOUNTAIN BLVD
El Paso	024H	308.910	309.500	AIRPORT RD
El Paso	024H	309.500	309.510	AIRPORT RD at CO-21
El Paso	024H	309.510	310.878	AIRPORT RD
El Paso	025A	137.000	137.496	S ACADEMY BLVD
El Paso	025A	137.496	139.300	I-25
El Paso	025A	139.300	139.301	I-25 at Fountain Blvd
El Paso	025A	139.301	144.296	I-25
El Paso	025A	144.296	144.300	I-25 at CR-145
El Paso	025A	144.300	145.892	I-25
El Paso	025A	145.892	146.851	W GARDEN OF THE GODS RD
El Paso	025A	146.851	149.000	I-25
El Paso	025A	149.000	149.406	DtD^_^Academy Blvd
El Paso	083A	20.368	20.692	CO-83 at SHOUP RD
El Paso	094A	0.548	1.000	CO-94 at MARKSHEFFEL
El Paso	094A	1.000	3.914	CO-94
El Paso	094A	4.000	4.079	CO-94
El Paso	115A	43.825	46.248	CO-115
El Paso	115A	46.248	46.448	LAKE AVE
El Paso	115A	46.448	46.800	S NEVADA AVE
El Paso	115A	46.800	46.810	S NEVADA AVE at OLD BROADMOOR
El Paso	115A	46.810	47.091	S NEVADA AVE
El Paso	115A	47.091	47.100	S NEVADA AVE at RAMONA
El Paso	115A	47.100	47.296	S NEVADA AVE
El Paso	115A	47.296	47.308	S NEVADA AVE at BROOKSIDE
El Paso	115A	47.308	47.393	S NEVADA AVE
El Paso	115A	47.393	47.400	S NEVADA AVE at ARVADA
El Paso	115A	47.400	47.496	S NEVADA AVE

Commerce City

County	HWY	From MP	To MP	Street
Adams	002A	9.443	9.842	CO-2 at 52ND
Adams	002B	10.860	11.004	CO-2
Adams	002B	11.004	11.041	CO-2 at 64TH
Adams	002B	11.041	11.241	DAHLIA ST
Adams	002B	11.241	11.381	DAHLIA ST at E 62ND AVE
Adams	006H	292.047	292.700	VASQUEZ BLVD
Adams	006H	292.700	292.743	VASQUEZ BLVD at I-270
Adams	006H	292.743	294.314	VASQUEZ BLVD
Adams	006H	294.638	294.651	VASQUEZ BLVD
Adams	006H	294.651	295.241	VASQUEZ BLVDat 72ND
Adams	044A	0.000	1.887	E 104TH AVE

Commerce City

County	HWY	From MP	To MP	Street
Adams	044A	1.887	1.900	E 104TH AVE at BELLE CREEK
Adams	044A	1.900	2.242	E 104TH AVE
Adams	076A	12.715	12.844	I-76
Adams	076A	13.275	15.683	I-76
Adams	076A	17.102	17.146	CoRoute for 002C and 006H
Adams	085C	227.385	227.900	LONGS PEAK DR at US-85
Adams	085C	227.900	228.600	LONGS PEAK DR
Adams	085C	228.600	229.757	US-85
Adams	224A	2.835	3.195	E 74TH AVE
Adams	224A	3.195	3.200	E 74TH AVE at CHERRY
Adams	224A	3.200	3.246	E 74TH AVE
Adams	224A	3.290	3.300	E 74TH AVE at DEXTER ST
Adams	224A	3.300	3.634	E 74TH AVE
Adams	270A	0.922	4.255	I-270
Adams	470B	29.390	31.564	E-470
Adams	470B	32.598	34.691	E-470
Adams	470B	34.713	35.455	E-470

Cortez

County	HWY	From MP	To MP	Street
Montezuma	145A	0.000	1.021	DOLORES RD
Montezuma	145A	1.021	1.391	N DOLORES RD
Montezuma	160A	35.923	37.386	S BROADWAY
Montezuma	160A	37.386	37.400	S BROADWAY at W 7TH ST
Montezuma	160A	37.400	37.859	S BROADWAY
Montezuma	160A	37.859	38.196	W MAIN ST
Montezuma	160A	38.196	38.200	W MAIN ST at N ELM ST
Montezuma	160A	38.200	38.412	W MAIN ST
Montezuma	160A	38.412	38.484	E MAIN ST
Montezuma	160A	38.484	38.500	E MAIN ST at ASH
Montezuma	160A	38.500	38.698	E MAIN ST
Montezuma	160A	38.698	38.700	E MAIN ST at HARRISON
Montezuma	160A	38.700	40.655	E MAIN ST
Montezuma	491B	26.217	26.422	S BROADWAY
Montezuma	491B	26.422	26.828	N BROADWAY
Montezuma	491B	26.828	26.886	N BROADWAY at CORONADO
Montezuma	491B	26.886	27.216	N BROADWAY
Montezuma	491C	0.000	0.174	N PINON DR and ARBECAM
Montezuma	491C	0.174	0.242	N PINON DR

Craig

County	HWY	From MP	To MP	Street
Moffat	013A	87.920	88.635	CO-13
Moffat	013B	89.580	89.706	CO-13 at E VICTORY WAY
Moffat	013B	89.706	89.832	YAMPA AVE
Moffat	013B	89.832	89.840	YAMPA AVE at 6TH
Moffat	013B	89.840	90.099	YAMPA AVE

Craig

County	HWY	From MP	To MP	Street
Moffat	013B	90.099	90.105	YAMPA AVE at W 8TH ST
Moffat	013B	90.105	91.326	YAMPA AVE
Moffat	040A	87.886	89.900	W VICTORY WAY
Moffat	040A	89.900	89.947	W VICTORY WAY
Moffat	040A	89.947	90.193	W VICTORY WAY
Moffat	040A	90.193	90.200	W VICTORY WAY at STEELE
Moffat	040A	90.200	90.315	W VICTORY WAY
Moffat	040A	90.315	90.589	W 4TH ST
Moffat	040A	90.589	90.600	W 4TH ST at TAYLOR ST
Moffat	040A	90.600	90.903	W 4TH ST
Moffat	040A	90.903	91.091	E 4TH ST
Moffat	040A	91.091	91.100	E 4TH ST at WASHINGTON ST
Moffat	040A	91.100	91.136	E 4TH ST at US-40
Moffat	040A	91.136	91.262	LINCOLN ST
Moffat	040A	91.262	91.718	E VICTORY WAY
Moffat	040A	91.718	93.077	US-40
Moffat	040Z	0.000	0.400	E VICTORY WAY
Moffat	040Z	0.400	0.401	E VICTORY WAY at BREEZE ST
Moffat	040Z	0.401	0.462	E VICTORY WAY
Moffat	040Z	0.462	0.724	W VICTORY WAY
Moffat	040Z	0.724	0.730	W VICTORY WAY at PERSHING
Moffat	394A	0.000	0.123	RANNEY ST
Moffat	394A	0.123	0.239	RANNEY ST

Crawford

County	HWY	From MP	To MP	Street
Delta	092A	30.846	30.983	CO-92
Delta	092A	31.059	31.200	CO-92
Delta	092A	31.200	31.212	CO-92 at CO-92 at I
Delta	092A	31.212	31.273	CO-92
Delta	092A	31.273	31.279	CO-92 at H ST
Delta	092A	31.279	31.571	DOGWOOD AVE
Delta	092A	31.571	31.713	CO-92

Creede

County	HWY	From MP	To MP	Street
Mineral	149A	21.223	21.426	LA GARITA AVE
Mineral	149A	21.426	21.500	on E 7TH ST
Mineral	149A	21.500	21.893	S MAIN ST

Crested Butte

County	HWY	From MP	To MP	Street
Gunnison	135A	27.200	27.484	6TH ST

Crook

County	HWY	From MP	To MP	Street
Logan	055A	0.000	0.072	1ST ST and 2ND AVE
Logan	055A	0.072	0.290	1ST ST
Logan	138A	27.446	27.500	2ND AVE
Logan	138A	27.500	27.503	2ND AVE at 1st Street
Logan	138A	27.503	27.911	2ND AVE

Crowley

County	HWY	From MP	To MP	Street
Crowley	096B	99.281	99.483	CO-96

Dacono

County	HWY	From MP	To MP	Street
Weld	025A	232.099	235.094	I-25
Weld	052A	13.178	13.193	052A
Weld	052A	13.193	13.200	CR-14 at COLORADO BLVD
Weld	052A	13.200	13.647	CR-14

Deer Trail

County	HWY	From MP	To MP	Street
Arapahoe	040E	349.914	350.169	1ST AVE
Arapahoe	040E	350.325	351.084	1ST AVE
Arapahoe	040E	351.084	351.100	1ST AVE at ASPEN
Arapahoe	040E	351.100	351.147	1ST AVE
Arapahoe	070A	327.624	328.781	I-70 and US-287
Arapahoe	070N	0.000	0.396	CEDAR ST

Del Norte

County	HWY	From MP	To MP	Street
Rio Grande	112A	0.000	0.500	OAK ST
Rio Grande	112A	0.500	0.504	CO-112
Rio Grande	160A	201.705	202.300	GRAND AVE
Rio Grande	160A	202.300	202.302	GRAND AVE at HERMOSA
Rio Grande	160A	202.302	202.373	GRAND AVE

Delta

County	HWY	From MP	To MP	Street
Delta	050A	64.951	65.534	US-50
Delta	050A	65.626	68.101	US-50
Delta	050A	68.101	68.200	US-50 at 1400 RD
Delta	050A	68.200	69.400	US-50
Delta	050A	69.400	69.401	VISTA DEL MONTE at 1525 RD
Delta	050A	69.401	69.649	VISTA DEL MONTE
Delta	050A	69.649	69.700	US-50

Delta

County	HWY	From MP	To MP	Street
Delta	050A	69.700	69.989	1560 RD
Delta	050A	69.989	70.000	1560 RD at H3-8 RD
Delta	050A	70.000	70.766	1575 RD
Delta	050A	70.766	70.770	1575 RD at GUNNISON RIVER DR
Delta	050A	70.770	70.883	1575 RD
Delta	050A	70.883	71.600	MAIN ST
Delta	050A	71.600	71.604	MAIN ST at 8TH
Delta	050A	71.604	71.694	MAIN ST
Delta	050A	71.694	71.700	MAIN ST at 9TH
Delta	050A	71.700	72.054	MAIN ST
Delta	050A	72.054	72.086	MAIN ST at 13TH
Delta	050A	72.086	72.394	MAIN ST
Delta	050A	72.394	72.400	MAIN ST at BLUFF
Delta	050A	72.400	73.762	MAIN ST
Delta	092A	0.000	2.050	CO-92
Delta	348A	0.000	0.479	Silver St
Delta	348A	0.479	0.700	CO-348
Delta	348A	0.700	0.701	CO-348 at 5th Street

Denver

County	HWY	From MP	To MP	Street
Denver	002A	0.000	1.197	S COLORADO BLVD
Denver	002A	1.197	1.200	S COLORADO BLVD at 2500 SOUTH COLORADO
Denver	002A	1.200	1.500	S COLORADO BLVD
Denver	002A	1.500	1.506	S COLORADO BLVD at E ILIFF AVE
Denver	002A	1.506	2.929	S COLORADO BLVD
Denver	002A	2.997	3.000	S COLORADO BLVD at MISSISSIPPI
Denver	002A	3.000	4.100	S COLORADO BLVD
Denver	002A	4.100	4.144	S COLORADO BLVD at E ALAMEDA AVE
Denver	002A	4.144	4.500	S COLORADO BLVD
Denver	002A	4.500	4.944	COLORADO BLVD
Denver	002A	4.944	4.950	COLORADO BLVD at 5TH
Denver	002A	4.950	4.970	COLORADO BLVD
Denver	002A	4.970	4.980	COLORADO BLVD at E 6TH AVE
Denver	002A	4.980	5.200	COLORADO BLVD
Denver	002A	5.200	5.203	COLORADO BLVD at 8TH
Denver	002A	5.203	5.492	COLORADO BLVD
Denver	002A	5.492	5.500	COLORADO BLVD at 11TH AVE WEST
Denver	002A	5.500	6.300	COLORADO BLVD
Denver	002A	6.300	6.304	COLORADO BLVD at E 18TH AVE
Denver	002A	6.304	7.099	COLORADO BLVD
Denver	002A	7.099	7.100	COLORADO BLVD at E 28TH AVE
Denver	002A	7.100	7.475	COLORADO BLVD
Denver	002A	7.475	7.500	COLORADO BLVD at MARTIN LUTHER KING
Denver	002A	7.500	7.900	COLORADO BLVD
Denver	002A	7.900	7.908	COLORADO BLVD at 37TH

Denver

County	HWY	From MP	To MP	Street
Denver	002A	7.908	9.443	COLORADO BLVD
Denver	006G	282.333	282.348	W 6TH AVE | NORTH DR at SHERIDAN BLVD
Denver	006G	282.348	282.706	W 6TH AVE | NORTH DR
Denver	006G	282.706	282.711	W 6TH AVE | NORTH DR at VRAIN ST
Denver	006G	282.711	282.938	W 6TH AVE | NORTH DR
Denver	006G	282.938	282.953	W 6TH AVE | NORTH DR at RALEIGH
Denver	006G	282.953	283.000	W 6TH AVE | NORTH DR
Denver	006G	283.000	283.095	US-6
Denver	006G	283.095	283.102	US-6 at PERRY
Denver	006G	283.102	284.187	US-6
Denver	006G	284.187	284.200	US-6 at BRYANT
Denver	006G	284.200	284.489	US-6
Denver	006H	290.980	290.990	STEELE ST at Vasquez Blvd
Denver	006H	290.990	291.100	STEELE ST
Denver	006H	291.100	292.047	VASQUEZ BLVD
Denver	025A	199.397	199.400	I-25
Denver	025A	199.400	199.421	I-25 at E BELLEVIEW AVE
Denver	025A	199.421	200.138	I-25
Denver	025A	200.138	200.513	Valley Highway
Denver	025A	200.513	200.526	Valley Highway at QUINCY
Denver	025A	200.526	202.676	Valley Highway
Denver	025A	202.676	202.688	Valley Highway at YALE
Denver	025A	202.688	204.580	Valley Highway
Denver	025A	204.580	204.588	Valley Highway at S STEELE ST
Denver	025A	204.588	204.715	Valley Highway
Denver	025A	204.715	204.733	Valley Highway at 205
Denver	025A	204.733	205.600	Valley Highway
Denver	025A	205.600	205.616	Valley Highway at FRANKLIN
Denver	025A	205.616	206.322	Valley Highway
Denver	025A	206.322	206.329	Valley Highway at WASHINGTON
Denver	025A	206.329	206.991	Valley Highway
Denver	025A	206.991	207.000	Valley Highway at S BROADWAY ST
Denver	025A	207.000	209.181	Valley Highway
Denver	025A	209.181	209.188	Valley Highway at EXIT 209A
Denver	025A	209.188	209.890	Valley Highway
Denver	025A	209.890	209.900	I-25 at 210A
Denver	025A	209.900	210.140	I-25
Denver	025A	210.140	210.166	I-25 at 210B
Denver	025A	210.166	210.669	I-25
Denver	025A	210.669	210.690	I-25 at 210C
Denver	025A	210.690	211.100	I-25
Denver	025A	211.100	211.109	I-25 at 23RD
Denver	025A	211.109	211.298	I-25
Denver	025A	211.298	211.300	I-25 at 212A
Denver	025A	211.300	211.446	I-25
Denver	025A	211.446	211.464	I-25 at SPEER BLVD
Denver	025A	211.464	211.800	I-25

Denver

County	HWY	From MP	To MP	Street
Denver	025A	211.800	211.844	I-25 at 212C
Denver	025A	211.844	212.096	I-25
Denver	025A	212.096	212.104	I-25 at 20TH ST
Denver	025A	212.104	212.304	I-25
Denver	025A	212.304	214.500	I-25 HOV LN
Denver	026B	11.170	11.500	W ALAMEDA AVE
Denver	026B	11.500	11.504	W ALAMEDA AVE at WINONA
Denver	026B	11.504	11.896	W ALAMEDA AVE
Denver	026B	11.896	11.900	W ALAMEDA AVE at S PERRY ST
Denver	026B	11.900	12.500	W ALAMEDA AVE
Denver	026B	12.500	12.502	W ALAMEDA AVE at HOOKER
Denver	026B	12.502	12.949	W ALAMEDA AVE
Denver	026B	12.949	13.012	S CLAY ST
Denver	026B	13.012	13.074	S CANOSA CT
Denver	026B	13.074	13.135	S BRYANT ST
Denver	026B	13.135	13.200	S ALCOTT ST
Denver	026B	13.200	13.201	W ALAMEDA AVE at ZUNI
Denver	026B	13.201	13.451	W ALAMEDA AVE
Denver	026B	13.451	13.577	S TEJON ST
Denver	026B	13.577	13.704	S RARITAN ST
Denver	026B	13.704	14.140	W ALAMEDA AVE
Denver	030A	0.083	0.300	E HAMPDEN AVE
Denver	030A	0.300	0.308	E HAMPDEN AVE at S MONACO PKY
Denver	030A	0.308	2.630	E HAMPDEN AVE
Denver	030A	2.630	2.639	E HAMPDEN AVE
Denver	030A	2.639	2.660	E HAMPDEN AVE
Denver	030A	2.660	3.599	S HAVANA ST
Denver	030A	3.599	3.600	S HAVANA ST at YALE
Denver	030A	3.600	3.846	S HAVANA ST
Denver	035A	8.435	8.788	QUEBEC ST
Denver	035A	8.788	8.994	NORTHFIELD QUEBEC ST
Denver	035A	8.994	9.704	QUEBEC ST
Denver	040C	294.273	294.392	W COLFAX AVE
Denver	040C	294.392	294.399	W COLFAX AVE at YATES
Denver	040C	294.399	294.401	W COLFAX AVE at XAVIER
Denver	040C	294.401	295.097	W COLFAX AVE
Denver	040C	295.097	295.100	W COLFAX AVE at UTICA
Denver	040C	295.100	295.595	W COLFAX AVE
Denver	040C	295.595	295.600	W COLFAX AVE at MEADE
Denver	040C	295.600	296.556	W COLFAX AVE
Denver	040C	296.556	296.588	W COLFAX AVE at AURARIA PKY
Denver	040C	296.588	296.694	W COLFAX AVE
Denver	040C	296.694	296.699	W COLFAX AVE at ZUNI ST
Denver	040C	296.699	296.792	W COLFAX AVE
Denver	040C	296.792	296.794	W COLFAX AVE at 210B
Denver	040C	296.794	297.495	W COLFAX AVE
Denver	040C	297.495	297.557	W COLFAX AVE and KALAMATH ST

Denver

County	HWY	From MP	To MP	Street
Denver	040C	297.557	297.600	W COLFAX AVE
Denver	040C	297.600	297.601	W COLFAX AVE at SPEER
Denver	040C	297.601	297.657	W COLFAX AVE
Denver	040C	297.657	297.673	W COLFAX AVE at GALAPAGO ST
Denver	040C	297.673	297.700	W COLFAX AVE at GLENARM
Denver	040C	297.700	297.887	W COLFAX AVE
Denver	040C	297.887	297.900	W COLFAX AVE at COURT PL
Denver	040C	297.900	298.137	W COLFAX AVE
Denver	040C	298.137	298.200	E COLFAX AVE
Denver	040C	298.200	298.203	W COLFAX AVE at LINCOLN ST
Denver	040C	298.203	298.400	E COLFAX AVE
Denver	040C	298.400	298.407	E COLFAX AVE at LOGAN
Denver	040C	298.407	298.596	E COLFAX AVE
Denver	040C	298.596	298.600	E COLFAX AVE at WASHINGTON
Denver	040C	298.600	299.600	E COLFAX AVE
Denver	040C	299.600	299.603	E COLFAX AVE at YORK ST
Denver	040C	299.603	299.793	E COLFAX AVE
Denver	040C	299.793	299.800	E COLFAX AVE at ELIZABETH ST
Denver	040C	299.800	299.998	E COLFAX AVE
Denver	040C	299.998	300.000	E COLFAX AVE at MILWAUKEE
Denver	040C	300.000	300.380	E COLFAX AVE
Denver	040C	300.380	300.389	E COLFAX AVE at MONROE
Denver	040C	300.389	300.497	E COLFAX AVE
Denver	040C	300.497	300.500	E COLFAX AVE at JACKSON
Denver	040C	300.500	300.692	E COLFAX AVE
Denver	040C	300.692	300.700	E COLFAX AVE at ALBION
Denver	040C	300.700	300.800	E COLFAX AVE
Denver	040C	300.800	300.802	E COLFAX AVE at BELLAIRE
Denver	040C	300.802	300.899	E COLFAX AVE
Denver	040C	300.899	300.900	E COLFAX AVE at CLERMONT ST
Denver	040C	300.900	301.200	E COLFAX AVE
Denver	040C	301.200	301.202	E COLFAX AVE at ELM ST NB
Denver	040C	301.202	301.293	E COLFAX AVE
Denver	040C	301.293	301.323	FAIRFAX ST
Denver	040C	301.323	301.693	E COLFAX AVE
Denver	040C	301.693	301.700	E COLFAX AVE at IVY
Denver	040C	301.700	301.787	E COLFAX AVE
Denver	040C	301.787	301.800	E COLFAX AVE at JASMINE ST
Denver	040C	301.800	301.918	E COLFAX AVE
Denver	040C	301.918	301.927	E COLFAX AVE at KRAMERIA
Denver	040C	301.927	302.290	E COLFAX AVE
Denver	040C	302.290	302.300	E COLFAX AVE at NEWPORT
Denver	040C	302.300	302.600	E COLFAX AVE
Denver	040C	302.600	302.603	E COLFAX AVE at QUEBEC
Denver	040C	302.603	303.292	E COLFAX AVE
Denver	040C	303.292	303.300	E COLFAX AVE at VERBENA
Denver	040C	303.300	303.607	E COLFAX AVE

Denver

County	HWY	From MP	To MP	Street
Denver	070A	270.496	272.158	I-70
Denver	070A	272.158	272.180	I-70 at EXIT 272
Denver	070A	272.180	272.500	I-70
Denver	070A	272.500	272.513	I-70 at ZUNI ST
Denver	070A	272.513	273.300	I-70
Denver	070A	273.300	273.340	I-70 at EXIT 273
Denver	070A	273.340	274.759	I-70
Denver	070A	274.759	274.775	I-70 at EXIT 274
Denver	070A	274.775	275.109	I-70
Denver	070A	275.109	275.300	E 46TH AVE
Denver	070A	275.300	275.360	E 46TH AVE at I-70
Denver	070A	275.360	275.361	E 46TH AVE at I-70 and 275B
Denver	070A	275.361	275.398	E 46TH AVE at I-70 at 46TH
Denver	070A	275.398	275.565	E 46TH AVE
Denver	070A	275.565	275.578	E 46TH AVE at YORK ST
Denver	070A	275.578	275.900	E 46TH AVE
Denver	070A	275.900	275.915	E 46TH AVE at VASQUEZ BLVD
Denver	070A	275.915	276.080	E 46TH AVE
Denver	070A	276.080	276.100	E 46TH AVE at STEELE ST NB
Denver	070A	276.100	277.024	E 46TH AVE
Denver	070A	277.024	278.701	I-70
Denver	070A	278.701	278.714	I-70 at EXIT 278
Denver	070A	278.714	282.561	I-70
Denver	083A	72.129	72.491	S PARKER RD
Denver	083A	74.541	74.550	S PARKER RD at MISSISSIPPI and Leetsdale Dr
Denver	083A	74.550	74.660	S PARKER RD
Denver	083A	74.725	74.917	S PARKER RD
Denver	083A	74.917	75.489	LEETSDALE DR
Denver	083A	75.489	75.500	S HOLLY ST at S MONACO ST PKY
Denver	083A	75.500	75.599	LEETSDALE DR
Denver	083A	75.599	75.600	LEETSDALE DR at EXPOSITION
Denver	083A	75.600	76.592	LEETSDALE DR
Denver	083A	76.891	76.892	LEETSDALE DR at E ALAMEDA AVE
Denver	083A	76.892	77.093	LEETSDALE DR
Denver	083A	77.093	77.100	LEETSDALE DR at CEDAR
Denver	083A	77.100	77.267	LEETSDALE DR
Denver	085B	207.945	208.886	S SANTA FE DR
Denver	085B	208.886	208.900	S SANTA FE DR at JEWELL
Denver	085B	208.900	209.799	S SANTA FE DR
Denver	085B	209.799	209.800	S SANTA FE DR at ARIZONA
Denver	085B	209.800	210.864	S SANTA FE DR
Denver	088A	0.000	0.496	FEDERAL BLVD
Denver	088A	0.496	0.500	FEDERAL BLVD at 10TH
Denver	088A	0.500	1.300	FEDERAL BLVD
Denver	088A	1.300	1.302	FEDERAL BLVD at 3RD
Denver	088A	1.302	1.397	FEDERAL BLVD
Denver	088A	1.397	1.400	FEDERAL BLVD at 2ND

Denver

County	HWY	From MP	To MP	Street
Denver	088A	1.400	1.608	FEDERAL BLVD
Denver	088A	1.608	1.612	FEDERAL BLVD at W ELLSWORTH AVE
Denver	088A	1.612	1.669	FEDERAL BLVD
Denver	088A	1.669	1.719	S FEDERAL BLVD
Denver	088A	1.719	1.728	S FEDERAL BLVD at BAYAUD
Denver	088A	1.728	2.346	S FEDERAL BLVD
Denver	088A	2.346	2.356	S FEDERAL BLVD at W CENTER AVE
Denver	088A	2.356	2.470	S FEDERAL BLVD
Denver	088A	2.470	2.479	S FEDERAL BLVD at W EXPOSITION AVE
Denver	088A	2.479	2.599	S FEDERAL BLVD
Denver	088A	2.599	2.600	S FEDERAL BLVD at OHIO
Denver	088A	2.600	2.790	S FEDERAL BLVD
Denver	088A	2.790	2.800	S FEDERAL BLVD at FORD
Denver	088A	2.800	4.188	S FEDERAL BLVD
Denver	088A	4.188	4.200	S FEDERAL BLVD at EVANS
Denver	088A	4.200	4.547	S FEDERAL BLVD
Denver	088A	4.547	4.555	S FEDERAL BLVD at WESLEY
Denver	088A	4.555	5.100	S FEDERAL BLVD
Denver	088A	5.100	5.104	S FEDERAL BLVD at AMHERST
Denver	088A	5.104	5.693	S FEDERAL BLVD
Denver	088A	7.436	7.441	S FEDERAL BLVD at W UNION AVE
Denver	088A	7.441	7.494	S FEDERAL BLVD
Denver	088A	7.494	7.500	S FEDERAL BLVD at TANFORAN
Denver	088A	7.500	7.641	S FEDERAL BLVD
Denver	088A	14.127	14.192	E BELLEVIEW AVE
Denver	088A	14.192	14.200	E BELLEVIEW AVE at MONACO NB
Denver	088A	14.200	14.540	E BELLEVIEW AVE
Denver	095A	0.000	0.199	S SHERIDAN BLVD
Denver	095A	0.199	0.200	S SHERIDAN BLVD at DARTMOUTH
Denver	095A	0.200	1.000	S SHERIDAN BLVD
Denver	095A	1.500	1.600	S SHERIDAN BLVD
Denver	095A	1.600	1.601	S SHERIDAN BLVD at W HARVEY PL
Denver	095A	1.601	2.900	S SHERIDAN BLVD
Denver	095A	2.900	2.901	S SHERIDAN BLVD at ARIZONA
Denver	095A	2.901	3.016	S SHERIDAN BLVD
Denver	095A	5.528	5.656	SHERIDAN BLVD
Denver	095A	6.471	6.630	SHERIDAN BLVD
Denver	095A	7.665	7.729	SHERIDAN BLVD
Denver	095A	7.855	8.000	SHERIDAN BLVD
Denver	095A	8.973	8.999	SHERIDAN BLVD
Denver	095A	8.999	9.013	SHERIDAN BLVD at I-70
Denver	095A	9.013	9.541	SHERIDAN BLVD
Denver	121A	4.670	4.961	S WADSWORTH BLVD
Denver	121A	5.364	5.373	S WADSWORTH BLVD at W BELLEVIEW AVE
Denver	121A	5.373	5.408	S WADSWORTH BLVD
Denver	121A	5.574	6.530	S WADSWORTH BLVD
Denver	121A	8.639	8.713	S WADSWORTH BLVD

Denver

County	HWY	From MP	To MP	Street
Denver	225A	0.000	1.317	I-225
Denver	225A	1.317	1.333	I-225 at S YOSEMITE ST
Denver	225A	1.333	1.624	I-225
Denver	265A	1.177	2.384	BRIGHTON BLVD
Denver	270A	4.255	5.986	I-270
Denver	285D	255.784	257.587	W HAMPDEN AVE
Denver	285D	263.181	263.476	E HAMPDEN AVE
Denver	285D	263.476	263.482	E HAMPDEN AVE at GLENCOE
Denver	285D	263.482	263.524	E HAMPDEN AVE
Denver	285D	263.524	263.534	E HAMPDEN AVE at GRAPE
Denver	285D	263.534	263.947	E HAMPDEN AVE
Denver	287C	282.700	283.295	FEDERAL BLVD
Denver	287C	283.295	283.300	FEDERAL BLVD at W 21ST AVE
Denver	287C	283.300	283.700	FEDERAL BLVD
Denver	287C	283.700	283.709	FEDERAL BLVD at 26TH
Denver	287C	283.709	284.087	FEDERAL BLVD
Denver	287C	284.087	284.100	FEDERAL BLVD at N SPEER BLVD
Denver	287C	284.100	284.900	FEDERAL BLVD
Denver	287C	284.900	284.911	FEDERAL BLVD at 40TH
Denver	287C	284.911	285.100	FEDERAL BLVD
Denver	287C	285.100	285.102	FEDERAL BLVD at 42ND
Denver	287C	285.102	285.400	FEDERAL BLVD
Denver	287C	285.400	285.405	FEDERAL BLVD at SCOTT
Denver	287C	285.405	286.452	FEDERAL BLVD
Denver	470B	27.124	28.570	E-470

Dillon

County	HWY	From MP	To MP	Street
Summit	006F	208.950	209.844	US-6
Summit	006F	209.844	209.859	US-6 at EVERGREEN
Summit	006F	209.859	210.214	US-6
Summit	006F	210.449	210.662	US-6
Summit	006F	210.662	211.080	ELKHORN ST
Summit	006F	211.080	211.264	US-6

Dinosaur

County	HWY	From MP	To MP	Street
Moffat	040A	2.442	2.559	W BRONTOSAURUS BLVD
Moffat	040A	2.835	2.986	Brontosaurus Blvd
Moffat	040A	2.986	3.247	E BRONTOSAURUS BLVD
Moffat	064A	0.000	1.019	STEGOSAURUS FWY

Dolores

County	HWY	From MP	To MP	Street
Montezuma	145A	9.424	9.500	RAILROAD AVE
Montezuma	145A	9.500	9.540	RAILROAD AVE at B ST
Montezuma	145A	9.540	9.599	RAILROAD AVE
Montezuma	145A	9.599	9.610	RAILROAD AVE at S 1ST ST
Montezuma	145A	9.610	10.200	RAILROAD AVE
Montezuma	145A	10.200	10.206	RAILROAD AVE at 5TH
Montezuma	145A	10.206	10.355	RAILROAD AVE
Montezuma	145A	10.355	10.454	RAILROAD AVEa t S 7TH ST
Montezuma	145A	10.454	10.500	RAILROAD AVE
Montezuma	145A	10.500	10.504	RAILROAD AVE at 9TH
Montezuma	145A	10.504	11.100	RAILROAD AVE
Montezuma	145A	11.100	11.111	RAILROAD AVE at 14TH
Montezuma	145A	11.111	11.400	RAILROAD AVE

Dove Creek

County	HWY	From MP	To MP	Street
Dolores	491B	60.838	61.000	US-491
Dolores	491B	61.000	61.015	US-491 at COLORADO ST
Dolores	491B	61.015	61.300	US-491
Dolores	491B	61.300	61.312	US-491 at MARION ST
Dolores	491B	61.312	61.696	US-491
Dolores	491B	61.696	61.700	US-491 at 5TH ST
Dolores	491B	61.700	61.848	US-491

Durango

County	HWY	From MP	To MP	Street
La Plata	003A	0.000	0.146	EWING MESA RD at SAWMILL RD
La Plata	003A	0.572	0.681	EWING MESA RD at SAWMILL RD
La Plata	003A	0.681	1.395	EWING MESA RD
La Plata	003A	1.852	1.900	EWING MESA RD
La Plata	003A	1.900	2.300	E 8TH AVE
La Plata	003A	2.300	2.444	SANTA RITA DR
La Plata	160A	81.345	82.699	US-160
La Plata	160A	82.699	82.708	US-160 at TECH CENTER
La Plata	160A	82.708	83.131	US-160
La Plata	160A	83.131	83.165	US-160 at ROOSA
La Plata	160A	83.165	83.207	US-160
La Plata	160A	83.207	83.400	S CAMINO DEL RIO
La Plata	160A	83.400	83.407	S CAMINO DEL RIO and CoRoute for 550A
La Plata	160A	83.407	85.567	S CAMINO DEL RIO
La Plata	160A	85.567	85.600	S CAMINO DEL RIO at TURNER DR
La Plata	160A	85.600	86.074	S CAMINO DEL RIO
La Plata	160A	86.074	86.347	S CAMINO DEL RIO and 8th Ave
La Plata	160A	86.347	88.052	S CAMINO DEL RIO
La Plata	550B	20.916	21.292	CAMINO DEL RIO

Durango

County	HWY	From MP	To MP	Street
La Plata	550B	21.292	21.300	CAMINO DEL RIO at 9TH
La Plata	550B	21.300	21.538	CAMINO DEL RIO
La Plata	550B	21.538	21.719	MAIN AVE and CAMINO DEL RIO
La Plata	550B	21.719	23.100	MAIN AVE
La Plata	550B	23.100	23.111	MAIN AVE at 29TH
La Plata	550B	23.111	23.700	MAIN AVE
La Plata	550B	23.700	23.701	MAIN AVE at 35TH
La Plata	550B	23.701	25.852	MAIN AVE

Eads

County	HWY	From MP	To MP	Street
Kiowa	096C	166.046	166.114	CO-96 at W 15TH ST
Kiowa	287B	112.640	112.900	E 15TH ST
Kiowa	287B	112.900	112.909	E 15TH ST at RITTGERS
Kiowa	287B	112.909	113.192	E 15TH ST
Kiowa	287B	113.192	113.420	W 15TH ST
Kiowa	287B	113.420	113.500	WANSTED ST
Kiowa	287B	113.500	113.512	WANSTED ST at W 13TH ST
Kiowa	287B	113.512	113.787	WANSTED ST

Eagle

County	HWY	From MP	To MP	Street
Eagle	006E	156.171	156.464	US-6
Eagle	006E	156.464	157.483	GRAND AVE
Eagle	070A	146.410	146.954	I-70
Eagle	070F	0.000	0.346	EBY CREEK RD

Eaton

County	HWY	From MP	To MP	Street
Weld	085L	275.000	275.200	US-85
Weld	085L	275.200	275.217	US-85 at COLORADO
Weld	085L	275.217	275.500	US-85
Weld	085L	275.500	275.588	S OAK AVE
Weld	085L	275.588	275.647	OAK AVE
Weld	085L	275.647	275.868	US-85
Weld	085L	276.071	276.617	US-85

Edgewater

County	HWY	From MP	To MP	Street
Jefferson	095A	6.246	6.471	SHERIDAN BLVD
Jefferson	095A	6.630	7.096	SHERIDAN BLVD

Elizabeth

County	HWY	From MP	To MP	Street
Elbert	086A	15.562	15.590	KIOWA AVE
Elbert	086A	15.590	15.600	W KIOWA AVE at EVANS
Elbert	086A	15.600	15.773	W KIOWA AVE
Elbert	086A	15.773	16.025	E KIOWA AVE

Empire

County	HWY	From MP	To MP	Street
Clear Creek	040A	255.892	256.488	W PARK AVE

Englewood

County	HWY	From MP	To MP	Street
Arapahoe	085B	205.079	205.309	S SANTA FE DR
Arapahoe	085B	205.309	205.330	S SANTA FE DR at UNION
Arapahoe	085B	205.330	205.616	S SANTA FE DR
Arapahoe	085B	206.787	206.800	S SANTA FE DR at W HAMPDEN AVE
Arapahoe	085B	206.800	206.801	S SANTA FE DR
Arapahoe	085B	206.861	207.945	S SANTA FE DR
Arapahoe	088A	7.134	7.436	S FEDERAL BLVD
Arapahoe	088A	7.641	8.000	S FEDERAL BLVD
Arapahoe	088A	8.000	8.064	W BELLEVIEW AVE
Arapahoe	088A	9.096	9.100	W BELLEVIEW AVE at WINDERMERE
Arapahoe	088A	9.100	10.100	W BELLEVIEW AVE
Arapahoe	088A	10.100	10.300	E BELLEVIEW AVE
Arapahoe	088A	10.300	10.324	E BELLEVIEW AVE at LOGAN
Arapahoe	088A	10.324	10.400	E BELLEVIEW AVE
Arapahoe	088A	10.400	10.410	E BELLEVIEW AVE at PENNWOOD
Arapahoe	088A	10.410	10.575	E BELLEVIEW AVE
Arapahoe	285D	259.277	259.299	W HAMPDEN AVE
Arapahoe	285D	259.409	260.000	W HAMPDEN AVE
Arapahoe	285D	260.000	260.016	W HAMPDEN AVE at BANNOCK
Arapahoe	285D	260.016	260.265	W HAMPDEN AVE
Arapahoe	285D	260.265	260.295	E JEFFERSON AVE
Arapahoe	285D	260.295	260.300	E JEFFERSON AVE at S SHERMAN ST
Arapahoe	285D	260.300	260.667	E JEFFERSON AVE
Arapahoe	285D	260.783	260.795	E JEFFERSON AVE
Arapahoe	285D	260.795	260.800	E JEFFERSON AVE at S OGDEN ST
Arapahoe	285D	260.800	260.937	E JEFFERSON AVE
Arapahoe	285D	260.949	261.059	E JEFFERSON AVE
Arapahoe	285D	261.395	261.400	E HAMPDEN AVE at E GIRARD AVE
Arapahoe	285D	261.400	261.716	E HAMPDEN AVE

Erie

County	HWY	From MP	To MP	Street
Weld	007D	64.404	64.464	E BASELINE RD
Weld	025A	231.944	232.095	I-25
Weld	025A	232.095	232.097	I-25 at CR-8

Erie

County	HWY	From MP	To MP	Street
Weld	025A	232.097	232.099	I-25
Boulder	052A	7.177	7.196	MINERAL RD
Weld	052A	7.196	7.200	MINERAL RD at E COUNTY LINE RD
Weld	052A	7.200	8.419	MINERAL RD
Weld	052A	8.419	9.190	CO-52
Weld	052A	9.190	9.200	CO-52 at CR-5
Weld	052A	9.200	10.406	CO-52
Boulder	287C	307.191	307.639	N 107TH ST

Estes Park

County	HWY	From MP	To MP	Street
Larimer	007A	0.000	0.125	PEAK TO PEAK SCENIC BYWY
Larimer	007A	0.125	0.188	S ST VRAIN AVE
Larimer	007A	0.188	0.199	S ST VRAIN AVE at 2ND
Larimer	007A	0.199	1.483	S ST VRAIN AVE
Larimer	007A	1.483	1.557	TRANQUIL LN
Larimer	007A	1.557	1.887	S ST VRAIN AVE
Larimer	007A	1.887	1.900	S ST VRAIN AVE at HIGH ACRES DR
Larimer	007A	1.900	2.295	S ST VRAIN AVE
Larimer	007A	3.615	3.771	S ST VRAIN AVE
Larimer	007A	3.999	4.100	CO-7
Larimer	034A	58.120	61.437	FALL RIVER RD
Larimer	034A	61.437	61.897	W WONDERVIEW AVE
Larimer	034A	61.897	61.900	W WONDERVIEW AVE at CHAPIN
Larimer	034A	61.900	61.943	W WONDERVIEW AVE
Larimer	034A	61.943	61.967	W WONDERVIEW AVE at CHIQUITA
Larimer	034A	61.967	62.400	W WONDERVIEW AVE
Larimer	034A	62.400	62.700	E WONDERVIEW AVE
Larimer	034A	62.700	63.194	BIG THOMPSON AVE
Larimer	034A	63.194	63.200	BIG THOMPSON AVE at SUMMIT
Larimer	034A	63.200	64.400	BIG THOMPSON AVE
Larimer	034A	64.400	64.446	BIG THOMPSON AVE at BELLEVUE DR
Larimer	034C	1.306	1.690	E ELKHORN AVE
Larimer	034F	0.000	0.031	W ELKHORN AVE
Larimer	036A	5.141	6.900	MORAINE AVE
Larimer	036A	6.900	6.982	WEIST DR
Larimer	036B	0.000	0.062	BIG THOMPSON AVE
Larimer	036B	0.062	1.371	N ST VRAIN AVE

Evans

County	HWY	From MP	To MP	Street
Weld	034A	112.594	112.886	US-34-BYP
Weld	085C	263.712	265.189	US-85
Weld	085C	265.189	265.200	US-85 at 31ST ST
Weld	085C	265.200	265.763	US-85
Weld	085G	0.000	0.361	US-85-BR at E 26TH ST

Fairplay

County	HWY	From MP	To MP	Street
Park	009C	64.673	64.900	MAIN ST
Park	009C	64.900	64.908	MAIN ST at 9TH ST
Park	009C	64.908	64.995	MAIN ST
Park	009C	64.995	65.000	MAIN ST at 8TH ST
Park	009C	65.000	65.100	MAIN ST
Park	009C	65.100	65.102	MAIN ST at 6TH ST
Park	009C	65.102	65.185	MAIN ST
Park	009C	65.185	65.200	MAIN ST at 5TH ST
Park	009C	65.200	65.640	MAIN ST
Park	285D	182.948	182.989	US-285
Park	285D	182.989	182.995	US-285 at CoRoute for 009B
Park	285D	182.995	183.165	US-285
Park	285D	183.371	183.869	US-285

Federal Heights

County	HWY	From MP	To MP	Street
Adams	287C	290.771	291.229	FEDERAL BLVD
Adams	287C	291.429	291.477	FEDERAL BLVD
Adams	287C	291.776	291.813	FEDERAL BLVD
Adams	287C	291.837	291.907	FEDERAL BLVD
Adams	287C	292.124	292.779	FEDERAL BLVD

Fleming

County	HWY	From MP	To MP	Street
Logan	006J	424.683	424.889	US-6
Logan	006J	424.889	424.900	US-6 at W WESTON ST
Logan	006J	424.900	425.220	US-6

Florence

County	HWY	From MP	To MP	Street
Fremont	067A	9.456	11.047	Robinson Ave
Fremont	067B	11.562	11.700	PIKES PEAK AVE
Fremont	067B	11.700	11.702	PIKES PEAK AVE at 3RD
Fremont	067B	11.702	11.965	PIKES PEAK AVE
Fremont	115A	7.847	8.280	CO-115
Fremont	115A	8.280	8.285	CO-115 at W 2ND ST
Fremont	115A	8.285	8.487	CO-115
Fremont	115A	8.487	8.694	W MAIN ST
Fremont	115A	8.694	8.700	W MAIN ST at Pikes Peak Ave
Fremont	115A	8.700	9.600	E MAIN ST
Fremont	115A	9.600	9.616	E MAIN ST

Fort Collins

County	HWY	From MP	To MP	Street
Larimer	014C	134.770	135.560	JEFFERSON ST
Larimer	014C	135.560	135.800	RIVERSIDE AVE
Larimer	014C	135.800	136.115	E MULBERRY ST
Larimer	014C	139.212	139.300	E MULBERRY ST at CLOVERLEAF WAY
Larimer	014C	139.300	139.426	E MULBERRY ST
Larimer	025A	266.470	268.813	I-25
Larimer	025A	270.249	272.477	I-25
Larimer	287C	339.128	339.309	S COLLEGE AVE
Larimer	287C	339.456	342.150	S COLLEGE AVE
Larimer	287C	342.150	342.167	S COLLEGE AVE at W HARMONY RD
Larimer	287C	342.167	343.187	S COLLEGE AVE
Larimer	287C	343.187	343.200	S COLLEGE AVE at HORSETOOTH
Larimer	287C	343.200	345.085	S COLLEGE AVE
Larimer	287C	345.085	345.100	S COLLEGE AVE at PARKER
Larimer	287C	345.100	346.600	S COLLEGE AVE
Larimer	287C	346.600	346.610	S COLLEGE AVE at E MOUNTAIN AVE
Larimer	287C	346.610	346.640	N COLLEGE AVE
Larimer	287C	346.640	346.700	N COLLEGE AVE at TRIMBLE CT
Larimer	287C	346.700	347.150	N COLLEGE AVE
Larimer	287C	347.187	348.434	N COLLEGE AVE
Larimer	392A	95.807	96.185	CARPENTER RD
Larimer	392A	96.654	97.317	CARPENTER RD
Larimer	392A	97.317	97.553	S TIMBERLINE RD

Fort Lupton

County	HWY	From MP	To MP	Street
Weld	052A	19.704	19.987	1ST ST
Weld	052A	20.000	20.719	1ST ST
Weld	052A	20.719	21.550	CO-52
Weld	052A	21.550	21.952	1ST ST
Weld	085C	241.579	242.660	US-85
Weld	085C	242.660	242.844	14TH ST
Weld	085E	0.000	1.515	DENVER AVE

Fort Morgan

County	HWY	From MP	To MP	Street
Morgan	034B	162.145	162.210	W PLATTE AVE
Morgan	034B	162.210	162.260	ACCO RD
Morgan	034B	162.260	162.890	W PLATTE AVE
Morgan	034B	162.890	162.900	W PLATTE AVE at ENSIGN
Morgan	034B	162.900	163.126	W PLATTE AVE
Morgan	034B	163.126	163.140	E PLATTE AVE
Morgan	034B	163.140	163.294	W PLATTE AVE
Morgan	034B	163.294	163.374	E PLATTE AVE
Morgan	034B	163.374	163.530	W PLATTE AVE

Fort Morgan

County	HWY	From MP	To MP	Street
Morgan	034B	163.530	163.734	E PLATTE AVE
Morgan	034B	164.464	164.473	E PLATTE AVE at CR-20
Morgan	052B	86.481	87.116	MAIN ST
Morgan	076A	80.139	81.909	I-76 and CoRoute for 034A
Morgan	144A	28.725	28.796	W RIVERVIEW AVE

Fountain

County	HWY	From MP	To MP	Street
El Paso	016A	0.186	0.240	CO-16
El Paso	016A	0.996	1.100	S US-85-87
El Paso	016A	1.100	1.500	CO-16
El Paso	016A	1.500	1.959	MESA RIDGE PKY
El Paso	016A	1.959	2.100	CO-16
El Paso	016A	2.100	3.000	MESA RIDGE PKY
El Paso	025A	119.678	123.000	I-25
El Paso	025A	127.198	128.879	I-25
El Paso	085A	127.651	128.793	S SANTA FE AVE
El Paso	085A	128.793	128.800	S SANTA FE AVE at OHIO
El Paso	085A	128.800	129.342	N SANTA FE AVE
El Paso	085A	130.434	130.450	S US-85-87
El Paso	085A	130.958	131.517	S US-85-87

Fowler

County	HWY	From MP	To MP	Street
Otero	050B	350.200	350.387	US-50
Otero	050B	350.545	350.600	US-50
Otero	050B	350.600	350.831	W CRANSTON AVE
Otero	050B	350.831	351.321	E CRANSTON AVE
Otero	167A	1.492	1.742	N MAIN ST
Otero	167A	1.742	2.005	S MAIN ST
Otero	167A	2.005	2.395	W GRANT AVE

Foxfield

County	HWY	From MP	To MP	Street
Arapahoe	083A	64.274	64.367	S PARKER RD

Fraser

County	HWY	From MP	To MP	Street
Grand	040A	226.473	226.686	US-40
Grand	040A	226.686	227.105	ZEREX ST
Grand	040A	227.105	228.645	MAIN ST

Frederick

County	HWY	From MP	To MP	Street
Weld	025A	235.094	235.125	I-25
Weld	025A	237.110	237.123	I-25
Weld	052A	10.406	11.446	CO-52
Weld	052A	11.446	11.700	052A
Weld	052A	11.700	12.190	CR-14
Weld	052A	12.190	12.501	052A
Weld	052A	12.501	12.601	052A at CR-14
Weld	052A	12.601	12.800	052A
Weld	052A	12.800	12.805	052A at CR-14
Weld	052A	12.805	13.178	052A
Weld	052A	13.647	14.015	CR-14
Weld	052A	14.015	14.800	052A
Weld	052A	14.800	14.815	052A at CR-14
Weld	052A	14.815	14.976	052A

Frisco

County	HWY	From MP	To MP	Street
Summit	009C	94.307	94.602	GATEWAY DR
Summit	009C	94.810	95.000	GATEWAY DR
Summit	009C	95.230	95.446	GATEWAY DR
Summit	009C	95.446	96.021	S SUMMIT BLVD
Summit	009C	96.021	96.696	N SUMMIT BLVD
Summit	009C	96.696	96.700	N SUMMIT BLVD at TEN MILE
Summit	009C	96.700	96.888	N SUMMIT BLVD
Summit	009C	96.888	96.901	N SUMMIT BLVD at DILLON DAM
Summit	009C	96.901	97.000	N SUMMIT BLVD

Fruita

County	HWY	From MP	To MP	Street
Mesa	006A	19.174	20.244	HIGHWAY 6 AND 50
Mesa	006A	20.244	21.261	CO-ROUTE WITH US-50
Mesa	006A	21.261	21.300	CO-ROUTE WITH US-50 at 18 RD
Mesa	006A	21.300	22.455	CO-ROUTE WITH US-50
Mesa	070A	19.223	21.746	I-70 at RIVER RD
Mesa	340A	0.000	0.150	W ASPEN AVE
Mesa	340A	0.150	0.408	W ASPEN AVE
Mesa	340A	0.408	0.570	W ASPEN AVE and Coulson Street
Mesa	340A	0.570	1.070	CO-340

Garden City

County	HWY	From MP	To MP	Street
Weld	085G	0.507	0.622	US-85-BR at E 26TH ST
Weld	085G	0.622	0.722	US-85-BR

Genoa

County	HWY	From MP	To MP	Street
Lincoln	070A	370.914	371.071	I-70 and US-24

Georgetown

County	HWY	From MP	To MP	Street
Clear Creek	070A	227.019	229.247	I-70

Gilcrest

County	HWY	From MP	To MP	Street
Weld	085C	255.907	256.300	085C
Weld	085C	256.300	256.726	US-85

Glendale

County	HWY	From MP	To MP	Street
Arapahoe	002A	2.929	2.997	S COLORADO BLVD
Arapahoe	083A	76.592	76.600	LEETSDALE DR at DAHLIA
Arapahoe	083A	76.600	76.891	LEETSDALE DR

Glenwood Springs

County	HWY	From MP	To MP	Street
Garfield	006K	0.000	0.072	HIGHWAY 24
Garfield	006K	0.072	0.090	LINDEN ST
Garfield	006K	0.090	0.338	W 6TH ST
Garfield	070A	113.851	116.063	I-70
Garfield	070A	116.063	116.540	DEVEREUX RD
Garfield	070A	116.540	117.854	I-70
Garfield	082A	0.000	0.058	N RIVER DR
Garfield	082A	0.058	0.070	6TH ST at N RIVER DR
Garfield	082A	0.070	0.176	6TH ST
Garfield	082A	0.176	0.181	6TH ST at PINE ST and GRAND AVE
Garfield	082A	0.181	0.500	GRAND AVE
Garfield	082A	0.500	0.503	GRAND AVE at 9TH
Garfield	082A	0.503	1.153	GRAND AVE
Garfield	082A	1.153	1.162	GRAND AVE at PARK
Garfield	082A	1.162	1.400	GRAND AVE
Garfield	082A	1.400	1.405	GRAND AVE at 23RD ST
Garfield	082A	1.405	1.469	GRAND AVE
Garfield	082A	1.469	1.900	S GLEN AVE
Garfield	082A	1.900	1.917	S GLEN AVE at 29TH ST
Garfield	082A	1.917	2.194	S GLEN AVE
Garfield	082A	2.194	2.200	S GLEN AVE at BLAKE
Garfield	082A	2.200	2.380	S GLEN AVE

Golden

County	HWY	From MP	To MP	Street
Jefferson	006G	271.391	271.689	US-6
Jefferson	006G	272.058	274.876	US-6
Jefferson	006G	275.129	275.334	US-6
Jefferson	040C	285.958	286.580	W COLFAX AVE
Jefferson	040C	287.000	287.292	W COLFAX AVE
Jefferson	040C	287.292	287.300	W COLFAX AVE at PIKE ST
Jefferson	040C	287.300	287.530	W COLFAX AVE
Jefferson	040C	287.556	287.695	W COLFAX AVE
Jefferson	058A	0.000	0.719	CO-58 at WASHINGTON
Jefferson	058A	0.719	1.576	CO-58
Jefferson	058A	2.463	2.489	CO-58
Jefferson	070A	259.803	261.000	I-70
Jefferson	093A	0.000	0.644	CO-93
Jefferson	093A	0.644	0.679	CO-93 at IOWA
Jefferson	093A	0.679	1.867	CO-93
Jefferson	470W	0.059	0.061	NORTHWEST PKY
Jefferson	470W	0.061	1.212	NORTHWEST PKY

Granada

County	HWY	From MP	To MP	Street
Prowers	050B	452.233	452.620	US-50 and US-385
Prowers	050B	452.620	452.964	W GOFF AVE
Prowers	050B	452.964	453.000	US-50
Prowers	385A	95.000	95.581	N MAIN ST

Granby

County	HWY	From MP	To MP	Street
Grand	040A	211.747	212.055	W AGATE AVE
Grand	040A	212.055	212.470	E AGATE AVE
Grand	040A	212.787	213.231	US-40
Grand	040A	214.022	214.370	US-40
Grand	040A	218.413	218.946	US-40

Grand Junction

County	HWY	From MP	To MP	Street
Mesa	006A	25.207	26.080	CO-ROUTE WITH US-50
Mesa	006B	30.123	30.586	NORTH AVE
Mesa	006B	30.586	30.600	NORTH AVE at 1ST
Mesa	006B	30.600	30.750	E NORTH AVE
Mesa	006B	30.750	30.842	E NORTH AVE ay N 3RD ST
Mesa	006B	30.842	31.294	E NORTH AVE
Mesa	006B	31.294	31.300	E NORTH AVE at 8TH
Mesa	006B	31.300	31.421	E NORTH AVE
Mesa	006B	31.421	31.468	CANNELL AVE
Mesa	006B	31.468	31.893	E NORTH AVE

Grand Junction

County	HWY	From MP	To MP	Street
Mesa	006B	31.893	31.900	E NORTH AVE at 15TH
Mesa	006B	31.900	32.106	E NORTH AVE
Mesa	006B	32.106	32.154	N 18TH ST
Mesa	006B	32.154	33.000	E NORTH AVE
Mesa	006B	33.000	33.100	E NORTH AVE at SHAMROCK
Mesa	006B	33.100	33.291	E NORTH AVE
Mesa	006B	33.291	33.300	E NORTH AVE at HARRIS
Mesa	006B	33.300	33.352	E NORTH AVE
Mesa	006B	33.352	33.415	28 3/4 RD
Mesa	006B	33.415	33.599	E NORTH AVE
Mesa	006B	33.599	33.668	29 RD
Mesa	006B	33.839	34.000	E NORTH AVE
Mesa	006B	34.077	34.144	E NORTH AVE
Mesa	006B	34.495	34.535	E NORTH AVE
Mesa	050A	31.760	32.831	S 5TH ST
Mesa	050A	32.831	32.945	US-50
Mesa	050A	32.945	33.035	DtD^_^5th Street
Mesa	050A	33.035	33.500	US-50
Mesa	050A	33.500	33.505	US-50 at B 3/4
Mesa	050A	33.505	34.112	US-50
Mesa	050A	34.307	34.554	US-50
Mesa	050A	36.816	36.828	US-50
Mesa	070A	25.228	25.358	I-70 at RIVER RD
Mesa	070A	25.358	25.381	I-70
Mesa	070A	25.381	25.390	I-70 at 26
Mesa	070A	25.390	25.872	I-70
Mesa	070A	26.301	27.079	I-70
Mesa	070A	27.206	27.856	I-70
Mesa	070A	29.393	33.935	I-70
Mesa	070B	0.000	0.266	I-70 Bus Rt
Mesa	070B	0.364	0.600	I-70 Bus Rt
Mesa	070B	0.600	0.602	I-70 Bus Rt at G
Mesa	070B	0.602	3.100	I-70 Bus Rt
Mesa	070B	3.100	4.952	I-70 Bus Rt and US-50
Mesa	070B	4.952	5.091	N 1ST ST
Mesa	070B	5.091	5.100	N 1ST ST at ROOD AVE
Mesa	070B	5.100	5.157	N 1ST ST
Mesa	070B	5.157	5.389	S 1ST ST
Mesa	070B	5.389	5.400	PITKIN AVE at S 1ST ST
Mesa	070B	5.400	6.860	PITKIN AVE
Mesa	070B	6.860	7.200	I-70-BL
Mesa	070B	7.200	7.300	N 24TH CT
Mesa	070B	7.300	7.400	E MAIN ST
Mesa	070B	7.607	7.900	I-70-BL
Mesa	070B	7.900	7.903	I-70-BL at 28 1/2
Mesa	070B	7.903	8.294	I-70-BL
Mesa	070B	8.294	8.300	I-70-BL at MELODY LN

Grand Junction

County	HWY	From MP	To MP	Street
Mesa	070B	8.300	8.419	I-70-BL
Mesa	070B	8.881	9.000	I-70-BL
Mesa	070B	9.308	9.400	I-70 Bus Rt
Mesa	070B	9.623	9.759	I-70-BL
Mesa	070B	10.211	10.379	I-70-BL
Mesa	070B	10.728	11.069	I-70-BL
Mesa	070Z	0.000	0.800	E UTE AVE
Mesa	070Z	0.800	0.808	E UTE AVE at S 7TH ST
Mesa	070Z	0.808	1.300	E UTE AVE
Mesa	070Z	1.300	1.338	E UTE AVE at S 1ST ST
Mesa	141B	160.112	160.440	32 RD
Mesa	340A	7.222	7.307	BROADWAY
Mesa	340A	7.373	7.588	BROADWAY
Mesa	340A	8.516	8.605	BROADWAY
Mesa	340A	9.526	9.600	BROADWAY
Mesa	340A	9.600	9.612	BROADWAY at KANSAS
Mesa	340A	11.980	12.105	BROADWAY
Mesa	340A	12.294	13.223	BROADWAY
Mesa	340A	13.223	13.341	CO-340

Grand Lake

County	HWY	From MP	To MP	Street
Grand	034A	14.540	14.730	034A
Grand	034A	14.730	15.093	TRAIL RIDGE RD

Greeley

County	HWY	From MP	To MP	Street
Weld	034A	100.817	102.293	US-34
Weld	034A	102.293	102.300	US-34 at US-34-BR
Weld	034A	102.300	105.913	E US-34
Weld	034A	105.913	109.112	US-34
Weld	034A	109.112	110.234	E US-34
Weld	034A	110.234	111.740	US-34
Weld	034A	111.740	112.100	17TH AVE
Weld	034A	112.100	112.233	US-34-BYP
Weld	034A	112.886	113.455	US-34-BYP
Weld	034D	0.000	1.300	US-34-BR at PROMONTORY
Weld	034D	1.300	3.593	US-34-BR
Weld	034D	3.593	3.600	W 10TH ST at 83RD AVE
Weld	034D	3.600	6.189	W 10TH ST
Weld	034D	6.189	6.200	W 10TH ST at 52ND AVE CT
Weld	034D	6.200	6.491	W 10TH ST
Weld	034D	6.491	6.500	W 10TH ST at 48TH
Weld	034D	6.500	8.100	W 10TH ST
Weld	034D	8.100	8.121	W 10TH ST at 30TH AVE CT

Greeley

County	HWY	From MP	To MP	Street
Weld	034D	8.121	8.506	W 10TH ST
Weld	034D	8.506	8.520	W 10TH ST at 25TH
Weld	034D	8.520	8.812	W 10TH ST
Weld	034D	8.812	10.000	10TH ST
Weld	034D	10.000	10.100	10TH AVE
Weld	034D	10.100	10.194	8TH AVE
Weld	034D	10.194	10.200	8TH AVE at 8TH AVE
Weld	034D	10.200	11.115	8TH AVE
Weld	034D	11.115	11.749	18TH ST
Weld	034D	11.862	11.925	E 18TH ST
Weld	034Z	0.000	0.094	10th Ave
Weld	034Z	0.094	0.100	9th Street at 10th Ave and 9TH Street
Weld	034Z	0.100	0.668	9TH ST
Weld	034Z	0.668	0.677	16TH AVE
Weld	034Z	0.677	0.797	9TH ST
Weld	034Z	0.797	0.800	9TH ST at 18TH
Weld	034Z	0.800	1.301	9TH ST
Weld	085G	0.722	0.993	US-85-BR
Weld	085G	0.993	1.000	8TH AVE
Weld	085G	1.000	1.017	8TH AVE at 23RD
Weld	085G	1.017	1.629	8TH AVE
Weld	085H	0.000	0.092	8TH AVE
Weld	085H	0.092	0.100	8TH AVE at 9TH
Weld	085H	0.100	0.788	8TH AVE
Weld	085H	0.788	2.112	N 8TH AVE
Weld	085H	2.112	2.239	US-85-BR at O
Weld	085L	265.849	266.007	DtD^_^Lake Ave
Weld	085L	266.007	266.654	DtD^_^Nevada Ave
Weld	085L	266.654	267.178	US-85
Weld	085L	267.178	267.436	Nevada Ave
Weld	085L	267.436	268.234	US-85
Weld	085L	268.234	268.486	8TH ST
Weld	085L	270.222	270.452	US-85
Weld	257A	3.137	6.157	Quintine Ave
Weld	257B	0.037	1.146	CO-257-SPUR
Weld	263A	0.635	2.733	E 8TH ST

Green Mtn Falls

County	HWY	From MP	To MP	Street
El Paso	024A	289.511	289.612	US-24

Greenwood Village

County	HWY	From MP	To MP	Street
Arapahoe	025A	196.685	196.872	I-25
Arapahoe	025A	196.872	196.900	I-25 at 197
Arapahoe	025A	196.900	197.600	I-25
Arapahoe	025A	197.600	197.601	I-25 at YOSEMITE
Arapahoe	025A	197.601	199.397	I-25
Arapahoe	088A	14.540	14.770	E BELLEVIEW AVE
Arapahoe	088B	16.827	17.473	E ARAPAHOE RD
Arapahoe	177A	2.979	4.117	S UNIVERSITY BLVD
Arapahoe	225A	1.624	1.783	I-225

Gunnison

County	HWY	From MP	To MP	Street
Gunnison	050A	156.241	156.873	US-50
Gunnison	050A	156.873	157.394	W TOMICHI AVE
Gunnison	050A	157.394	157.600	E TOMICHI AVE
Gunnison	050A	157.600	157.601	E TOMICHI AVE at N COLORADO ST
Gunnison	050A	157.601	157.962	E TOMICHI AVE
Gunnison	135A	0.000	0.076	N MAIN ST
Gunnison	135A	0.076	0.600	N MAIN ST
Gunnison	135A	0.600	1.000	E KANSAS ST

Gypsum

County	HWY	From MP	To MP	Street
Eagle	006E	149.791	149.903	TRAIL GULCH RD
Eagle	006E	149.903	149.928	TRAIL GULCH RD at FRONTAGE RD
Eagle	006E	149.928	152.960	US-6
Eagle	006E	152.960	153.047	US-6 at GH DANIELS
Eagle	006E	153.047	154.758	US-6
Eagle	070A	139.314	139.773	I-70

Haswell

County	HWY	From MP	To MP	Street
Kiowa	096C	143.780	144.332	096C
Kiowa	096C	144.332	144.614	E 4TH ST

Haxtun

County	HWY	From MP	To MP	Street
Phillips	006J	436.092	436.188	1ST ST
Phillips	006J	436.188	436.200	1ST ST at FAIRVIEW
Phillips	006J	436.200	436.496	W 1ST ST
Phillips	006J	436.496	436.500	E 1ST ST at S WASHINGTON AVE
Phillips	006J	436.500	436.550	E 1ST ST
Phillips	059B	147.013	147.507	S WASHINGTON AVE
Phillips	059B	147.507	147.783	N WASHINGTON AVE

Haxtun

County	HWY	From MP	To MP	Street
Phillips	059B	147.783	147.789	N WASHINGTON AVE at WILSON
Phillips	059B	147.789	147.800	N WASHINGTON AVE
Phillips	059B	147.800	147.814	N WASHINGTON AVE at WILSON
Phillips	059B	147.814	147.839	N WASHINGTON AVE

Hayden

County	HWY	From MP	To MP	Street
Routt	040A	106.554	107.198	W JEFFERSON AVE
Routt	040A	107.198	107.200	W JEFFERSON AVE at 4TH
Routt	040A	107.200	107.648	W JEFFERSON AVE
Routt	040A	107.648	107.790	E JEFFERSON AVE
Routt	040A	107.790	107.800	E JEFFERSON AVE at ASPEN
Routt	040A	107.800	107.931	E JEFFERSON AVE
Routt	040A	107.931	108.269	W JEFFERSON AVE
Routt	040A	108.269	108.380	US-40

Hillrose

County	HWY	From MP	To MP	Street
Morgan	006J	376.316	376.700	006J
Morgan	006J	376.700	376.702	006J at CR-33
Morgan	006J	376.702	376.775	006J

Holly

County	HWY	From MP	To MP	Street
Prowers	050B	462.737	462.800	US-50
Prowers	050B	462.800	463.100	W COLORADO ST
Prowers	050B	463.100	463.110	W COLORADO ST at 7TH
Prowers	050B	463.110	463.200	W COLORADO ST
Prowers	050B	463.200	463.216	W COLORADO ST at N 5TH ST
Prowers	050B	463.216	463.276	W COLORADO ST
Prowers	050B	463.276	463.512	E COLORADO ST
Prowers	089A	34.000	34.340	S 1ST AVE

Holyoke

County	HWY	From MP	To MP	Street
Phillips	006J	453.036	454.060	W DENVER ST
Phillips	006J	454.060	454.417	E DENVER ST
Phillips	006J	454.417	454.526	N REYNOLDS AVE
Phillips	006J	454.526	454.889	E DENVER ST
Phillips	385D	278.952	279.069	S INTEROCEAN AVE
Phillips	385D	279.069	279.169	S INTEROCEAN AVE
Phillips	385D	279.169	279.495	S INTEROCEAN AVE
Phillips	385D	279.495	279.500	S INTEROCEAN AVE at CARNAHAN
Phillips	385D	279.500	279.893	N INTEROCEAN AVE
Phillips	385D	279.893	279.899	US-385 at W HOWITT ST
Phillips	385D	279.899	280.154	US-385

Hooper

County	HWY	From MP	To MP	Street
Alamosa	017B	87.695	87.897	CO-17
Alamosa	017B	87.897	87.900	CO-17 at MADISON
Alamosa	017B	87.900	87.970	CO-17
Alamosa	017B	87.970	88.195	MAIN ST

Hot Sulphur Springs

County	HWY	From MP	To MP	Street
Grand	040A	201.355	201.986	W BYERS AVE
Grand	040A	201.986	202.361	E BYERS AVE

Hotchkiss

County	HWY	From MP	To MP	Street
Delta	092A	20.085	20.298	W BRIDGE ST
Delta	092A	20.298	20.300	W BRIDGE ST at OAK
Delta	092A	20.300	20.471	W BRIDGE ST
Delta	092A	20.471	20.924	E BRIDGE ST
Delta	092A	20.924	21.000	E BRIDGE ST at 7TH
Delta	092A	21.000	21.262	E BRIDGE ST
Delta	092A	21.683	21.754	E BRIDGE ST
Delta	133A	0.000	0.308	CO-133 at LORAH

Hudson

County	HWY	From MP	To MP	Street
Weld	052A	28.918	29.390	CO-52
Weld	052A	29.390	29.400	CO-52 at DAHLIA
Weld	052A	29.400	30.759	MAIN ST
Weld	076A	28.502	31.314	I-76
Weld	076A	31.314	31.336	I-76 at 31
Weld	076A	31.336	34.609	I-76

Hugo

County	HWY	From MP	To MP	Street
Lincoln	040H	398.041	399.587	4TH ST
Lincoln	040H	399.587	399.600	4TH ST at 8TH
Lincoln	040H	399.600	399.627	4TH ST

Idaho Springs

County	HWY	From MP	To MP	Street
Clear Creek	070A	238.985	241.351	I-70
Clear Creek	070A	241.463	243.264	I-70
Clear Creek	070K	0.207	0.212	COLORADO BLVD
Clear Creek	070R	2.188	2.213	COLORADO BLVD
Clear Creek	070R	2.213	2.236	COLORADO BLVD at 241A

Idaho Springs

County	HWY	From MP	To MP	Street
Clear Creek	070R	2.236	2.483	COLORADO BLVD
Clear Creek	103A	0.082	0.095	13TH AVE at IDAHO
Clear Creek	103A	0.095	0.214	13TH AVE
Clear Creek	103A	0.214	0.466	13TH AVE and Mt. Evans Scenic Bwy

Ignacio

County	HWY	From MP	To MP	Street
La Plata	172A	8.364	8.457	CO-172
La Plata	172A	8.457	8.792	GODDARD AVE
La Plata	172A	8.792	8.801	GODDARD AVE at EMPIRE
La Plata	172A	8.801	8.900	GODDARD AVE
La Plata	172A	8.900	8.903	GODDARD AVE at Ute Street
La Plata	172A	8.903	8.990	GODDARD AVE
La Plata	172A	8.990	9.000	GODDARD AVE at LAKIN
La Plata	172A	9.000	9.240	GODDARD AVE

Iliff

County	HWY	From MP	To MP	Street
Logan	138A	11.696	11.900	RAILROAD AVE
Logan	138A	11.900	11.905	RAILROAD AVE at S 4TH ST
Logan	138A	11.905	12.100	RAILROAD AVE
Logan	138A	12.100	12.123	RAILROAD AVE at S 2ND ST
Logan	138A	12.123	12.200	RAILROAD AVE
Logan	138A	12.200	12.209	RAILROAD AVE at 1ST
Logan	138A	12.209	12.219	RAILROAD AVE

Johnstown

County	HWY	From MP	To MP	Street
Weld	025A	249.714	249.900	I-25
Weld	025A	249.900	250.000	I-25 at 250
Weld	025A	250.000	252.415	I-25
Larimer	025A	253.207	256.279	I-25
Larimer	034A	97.797	97.800	E EISENHOWER BLVD
Larimer	034A	97.800	98.836	E US-34
Weld	056B	9.021	9.499	056B
Weld	056B	9.499	9.529	CR-44
Weld	060B	5.823	7.577	E COUNTY ROAD 48
Weld	060B	7.577	8.680	CO-60
Weld	060B	8.680	9.180	W SOUTH 1ST ST
Weld	060B	9.180	9.200	W SOUTH 1ST ST at S IDAHO AVE and S JAY AVE
Weld	060B	9.200	9.793	W SOUTH 1ST ST
Weld	060B	9.793	9.800	W SOUTH 1ST ST at S PARISH AVE
Weld	060B	9.800	9.964	W SOUTH 1ST ST
Weld	060B	9.964	11.248	E SOUTH 1ST ST
Larimer	402A	4.118	4.306	CO-402

Julesburg

County	HWY	From MP	To MP	Street
Sedgwick	076A	180.054	180.221	I-76 at 149
Sedgwick	138A	57.000	57.533	US-138
Sedgwick	138A	57.533	57.934	W 1ST ST
Sedgwick	138A	57.934	57.990	E 1ST ST
Sedgwick	138A	57.990	58.000	E 1ST ST at ELM
Sedgwick	138A	58.000	58.326	E 1ST ST
Sedgwick	385D	309.000	309.210	US-385
Sedgwick	385D	309.210	309.222	US-385 at 180
Sedgwick	385D	309.222	309.831	US-385
Sedgwick	385D	310.257	310.591	US-385
Sedgwick	385D	310.591	310.950	US-385 at CR-34.5

Keenesburg

County	HWY	From MP	To MP	Street
Weld	076B	0.140	0.472	MARKET ST

Kersey

County	HWY	From MP	To MP	Street
Weld	034A	116.244	118.200	034A
Weld	034A	118.200	118.208	034A at CR-51
Weld	034A	118.208	118.693	034A

Kim

County	HWY	From MP	To MP	Street
Las Animas	160C	414.188	414.755	US-160
Las Animas	160C	414.755	414.761	US-160 at COUNTY RD

Kiowa

County	HWY	From MP	To MP	Street
Elbert	086A	22.613	22.800	CO-86
Elbert	086A	22.800	22.890	COMMANCHE ST
Elbert	086A	22.890	22.900	COMMANCHE ST at ARAPAHOE
Elbert	086A	22.900	22.995	COMMANCHE ST
Elbert	086A	22.995	23.000	COMMANCHE ST at PAWNEE
Elbert	086A	23.000	23.336	COMMANCHE ST
Elbert	086A	23.466	23.686	COMMANCHE ST
Elbert	086A	24.131	24.804	086A

Kit Carson

County	HWY	From MP	To MP	Street
Cheyenne	040H	444.794	444.888	US-287
Cheyenne	040H	444.888	444.900	US-287 at GRAND
Cheyenne	040H	444.900	445.320	US-287
Cheyenne	040H	445.320	445.379	US-40/US-287
Cheyenne	040H	445.379	445.400	US-40/US-287 at CHURCH ST
Cheyenne	040H	445.400	445.601	US-40/US-287
Cheyenne	040H	445.601	445.695	US-40
Cheyenne	059A	0.000	0.056	CO-59 and CR-20 at 4TH
Cheyenne	059A	0.056	0.485	CO-59 and CR-20

Kremmling

County	HWY	From MP	To MP	Street
Grand	009D	136.608	137.000	S 6TH ST and Colorado River Headwaters ByWy
Grand	009D	137.000	137.007	S 6TH ST and Colorado River Headwaters ByWy at TYLER AVE and CR-33
Grand	009D	137.007	137.901	S 6TH ST and Colorado River Headwaters ByWy
Grand	009D	138.237	138.472	S 6TH ST
Grand	009D	138.472	138.524	S 9TH ST
Grand	009D	138.524	138.594	S 6TH ST
Grand	009D	138.594	138.600	S 6TH ST at 7TH
Grand	009D	138.600	138.798	S 6TH ST
Grand	009D	138.798	138.800	S 6TH ST at GRAND
Grand	009D	138.800	138.920	S 6TH ST
Grand	040A	184.050	184.079	W PARK AVE at MARTIN
Grand	040A	184.079	184.200	W PARK AVE
Grand	040A	184.200	184.209	W PARK AVE at 1ST
Grand	040A	184.209	184.276	W PARK AVE
Grand	040A	184.276	184.793	E PARK AVE
Grand	040A	184.793	184.800	E PARK AVE at 10TH
Grand	040A	184.800	184.877	E PARK AVE
Grand	040A	184.877	184.955	W PARK AVE
Grand	040A	184.955	184.960	E PARK AVE
Grand	040A	184.960	184.970	E PARK AVE at N 13TH ST
Grand	040A	184.970	185.200	E PARK AVE
Grand	040A	185.200	185.207	E PARK AVE at 17TH
Grand	040A	185.207	186.437	E PARK AVE

La Jara

County	HWY	From MP	To MP	Street
Conejos	136A	0.000	0.152	MAIN ST
Conejos	136A	0.152	0.291	WALNUT ST
Conejos	136A	0.291	0.300	WALNUT ST at 4TH ST
Conejos	136A	0.300	0.667	WALNUT ST
Conejos	136A	0.667	0.832	CO-136
Conejos	285A	19.383	19.386	SPRUCE ST at CR-W
Conejos	285A	19.386	20.026	SPRUCE ST

La Junta

County	HWY	From MP	To MP	Street
Otero	010A	71.357	71.497	W 4TH ST
Otero	010A	71.497	71.500	W 4TH ST at CEDAR AVE
Otero	010A	71.500	71.563	W 4TH ST
Otero	010A	71.563	71.968	DALTON AVE
Otero	050B	376.693	376.700	US-50 at CONLEY RD
Otero	050B	376.700	377.159	US-50
Otero	050B	377.460	378.736	US-50
Otero	050B	378.760	378.845	US-50
Otero	050B	378.845	378.885	W 3RD ST
Otero	050B	378.885	379.690	W 1ST ST
Otero	050B	379.690	380.356	E 1ST ST
Otero	050B	380.749	380.795	US-50
Otero	050B	380.795	380.800	US-50 at LACEY AVE
Otero	050B	380.800	380.861	US-50
Otero	109A	55.280	55.780	ADAMS AVE
Otero	109A	55.780	55.800	ADAMS AVE at E 6TH ST
Otero	109A	55.800	55.940	ADAMS AVE
Otero	109A	55.940	56.000	ADAMS AVE
Otero	109B	0.000	0.184	Bradish Ave

La Salle

County	HWY	From MP	To MP	Street
Weld	085C	262.368	262.995	N 2ND ST
Weld	085C	262.995	263.000	N 2ND ST at 5TH AVE
Weld	085C	263.000	263.114	N 2ND ST

La Veta

County	HWY	From MP	To MP	Street
Huerfano	012A	4.213	4.410	N MAIN ST
Huerfano	012A	4.410	4.427	N MAIN ST at 1ST
Huerfano	012A	4.427	4.517	N MAIN ST
Huerfano	012A	4.517	4.668	HIGHWAY OF LEGENDS
Huerfano	012A	4.668	4.898	MAIN ST
Huerfano	012A	4.898	4.900	MAIN ST at W GARLAND ST
Huerfano	012A	4.900	5.157	HIGHWAY OF LEGENDS
Huerfano	012A	5.157	5.237	CO-12
Huerfano	012A	5.237	5.312	W CASCADE ST
Huerfano	012A	5.312	5.605	CO-12
Huerfano	012A	5.605	5.678	DtD^_^Oak Street

Lafayette

County	HWY	From MP	To MP	Street
Boulder	007C	59.035	59.535	ARAPAHOE RD
Boulder	007C	60.674	60.683	ARAPAHOE RD
Boulder	007D	61.877	62.291	W BASELINE RD
Boulder	007D	62.291	62.300	W BASELINE RD at SHEADER AVE
Boulder	007D	62.300	62.524	W BASELINE RD
Boulder	007D	62.524	62.720	E BASELINE RD
Boulder	007D	62.720	62.790	W BASELINE RD
Boulder	007D	62.790	62.800	W BASELINE RD at N MICHIGAN AVE
Boulder	007D	62.800	62.858	W BASELINE RD
Boulder	007D	62.858	64.404	E BASELINE RD
Boulder	007D	64.464	64.551	E BASELINE RD
Boulder	042A	0.000	1.350	N 95TH ST
Boulder	042A	1.350	1.458	N 96TH ST
Boulder	042A	4.346	4.876	EMPIRE RD
Boulder	287C	300.847	301.198	DILLON RD
Boulder	287C	301.198	301.200	US-287 at MAPLE
Boulder	287C	301.200	303.138	US-287
Boulder	287C	303.138	303.154	US-287 at W SOUTH BOULDER RD
Boulder	287C	303.154	304.300	US-287
Boulder	287C	304.300	304.930	N 107TH ST
Boulder	287C	304.935	306.083	N 107TH ST
Boulder	287C	306.409	306.622	N 107TH ST
Boulder	287C	306.883	307.191	N 107TH ST
Boulder	470N	52.360	53.000	NORTHWEST PKY

Lake City

County	HWY	From MP	To MP	Street
Hinsdale	149A	71.955	72.893	GUNNISON AVE

Lakeside

County	HWY	From MP	To MP	Street
Jefferson	070A	270.000	270.015	I-70 at HARLAN
Jefferson	070A	270.015	270.496	I-70
Jefferson	095A	8.569	8.797	SHERIDAN BLVD
Jefferson	095A	8.797	8.800	SHERIDAN BLVD at W 46TH AVE
Jefferson	095A	8.800	8.973	SHERIDAN BLVD

Lakewood

County	HWY	From MP	To MP	Street
Jefferson	006G	276.314	278.233	US-6
Jefferson	006G	278.233	282.333	SIMMS ST
Jefferson	008A	3.170	3.798	MORRISON RD
Jefferson	008A	3.798	3.800	MORRISON RD at MCINTYRE
Jefferson	008A	3.800	5.200	MORRISON RD
Jefferson	008A	5.200	5.210	MORRISON RD at YOUNGFIELD

Lakewood

County	HWY	From MP	To MP	Street
Jefferson	008A	5.210	6.199	MORRISON RD
Jefferson	008A	6.199	6.543	W MORRISON RD
Jefferson	008A	6.901	6.913	W MORRISON RD at S KIPLING PKY
Jefferson	008A	6.913	6.995	W MORRISON RD
Jefferson	008A	6.995	7.000	W MORRISON RD at LEWIS
Jefferson	008A	7.000	7.359	W MORRISON RD
Jefferson	008A	7.518	8.683	W MORRISON RD
Jefferson	040C	288.041	288.590	W COLFAX AVE
Jefferson	040C	288.590	288.600	W COLFAX AVE at N DENVER WEST ENT
Jefferson	040C	288.600	289.009	W COLFAX AVE
Jefferson	040C	289.009	289.020	W COLFAX AVE at COLE
Jefferson	040C	289.495	289.697	W COLFAX AVE
Jefferson	040C	289.697	289.700	W COLFAX AVE at WRIGHT
Jefferson	040C	289.700	289.995	W COLFAX AVE
Jefferson	040C	289.995	290.000	W COLFAX AVE at URBAN
Jefferson	040C	290.000	290.700	W COLFAX AVE
Jefferson	040C	290.700	290.701	W COLFAX AVE at OWENS
Jefferson	040C	290.701	291.197	W COLFAX AVE
Jefferson	040C	291.197	291.200	W COLFAX AVE at MILLER
Jefferson	040C	291.200	291.800	W COLFAX AVE
Jefferson	040C	291.800	291.815	W COLFAX AVE at HOLLAND
Jefferson	040C	291.815	292.696	W COLFAX AVE
Jefferson	040C	292.696	292.700	W COLFAX AVE at ALLISON
Jefferson	040C	292.700	293.398	W COLFAX AVE
Jefferson	040C	293.398	293.400	W COLFAX AVE at NEWLAND
Jefferson	040C	293.400	293.700	W COLFAX AVE
Jefferson	040C	293.700	293.705	W COLFAX AVE at INGALLS
Jefferson	040C	293.705	293.898	W COLFAX AVE
Jefferson	040C	293.898	293.900	W COLFAX AVE at FENTON
Jefferson	040C	293.900	294.273	W COLFAX AVE
Jefferson	070A	262.081	263.122	I-70
Jefferson	095A	1.000	1.300	S SHERIDAN BLVD
Jefferson	095A	1.300	1.310	S SHERIDAN BLVD at LAKERIDGE
Jefferson	095A	1.310	1.500	S SHERIDAN BLVD
Jefferson	095A	3.016	4.295	S SHERIDAN BLVD
Jefferson	095A	4.295	4.436	SHERIDAN BLVD
Jefferson	095A	4.436	4.557	SHERIDAN BLVD and W 1ST AVE
Jefferson	095A	4.557	5.528	SHERIDAN BLVD
Jefferson	095A	5.656	5.900	SHERIDAN BLVD
Jefferson	095A	5.900	5.903	SHERIDAN BLVD at 14TH
Jefferson	095A	5.903	6.191	SHERIDAN BLVD
Jefferson	095A	6.191	6.200	SHERIDAN BLVD at W ANNIE PL
Jefferson	095A	6.200	6.246	SHERIDAN BLVD
Jefferson	121A	4.961	5.364	S WADSWORTH BLVD
Jefferson	121A	6.530	7.311	S WADSWORTH BLVD
Jefferson	121A	7.515	8.639	S WADSWORTH BLVD
Jefferson	121A	8.713	11.187	S WADSWORTH BLVD

Lakewood

County	HWY	From MP	To MP	Street
Jefferson	121A	11.187	11.200	S WADSWORTH BLVD at VIRGINIA
Jefferson	121A	11.200	11.292	S WADSWORTH BLVD
Jefferson	121A	11.292	11.300	S WADSWORTH BLVD at ALASKA
Jefferson	121A	11.300	11.482	S WADSWORTH BLVD
Jefferson	121A	11.482	11.500	S WADSWORTH BLVD at BYERS
Jefferson	121A	11.500	11.800	S WADSWORTH BLVD
Jefferson	121A	11.800	12.200	WADSWORTH BLVD
Jefferson	121A	12.200	12.210	WADSWORTH BLVD at 4TH
Jefferson	121A	12.210	13.330	WADSWORTH BLVD
Jefferson	121A	13.330	13.336	WADSWORTH BLVD at W 13TH AVE
Jefferson	121A	13.336	14.492	WADSWORTH BLVD
Jefferson	121A	14.492	14.500	WADSWORTH BLVD at 24TH
Jefferson	121A	14.500	14.614	WADSWORTH BLVD
Jefferson	285D	250.036	250.063	US-285
Jefferson	285D	250.063	253.512	W HAMPDEN AVE
Jefferson	285D	255.184	255.396	W HAMPDEN AVE
Jefferson	391A	0.000	0.019	S KIPLING PKY at 49TH and FRONTAGE RD (CARPENTER RD)
Jefferson	391A	0.019	1.504	S KIPLING PKY
Jefferson	391A	2.000	3.215	S KIPLING PKY
Jefferson	391A	3.215	3.273	S KIPLING ST
Jefferson	391A	3.273	3.745	S KIPLING PKY
Jefferson	391A	3.745	4.385	S KIPLING ST
Jefferson	391A	4.385	4.400	S KIPLING ST at W CEDAR AVE
Jefferson	391A	4.400	4.494	S KIPLING ST
Jefferson	391A	4.494	4.500	S KIPLING ST at MAIN
Jefferson	391A	4.500	4.753	S KIPLING ST
Jefferson	391A	4.753	7.353	KIPLING ST
Jefferson	470A	0.801	1.559	C-470
Jefferson	470A	2.236	2.512	C-470
Jefferson	470A	2.519	3.243	C-470
Jefferson	470A	4.840	5.956	C-470

Lamar

County	HWY	From MP	To MP	Street
Prowers	050B	434.300	434.799	N MAIN ST
Prowers	050B	434.799	434.801	N MAIN ST at AUWAERTER
Prowers	050B	434.801	435.312	N MAIN ST
Prowers	050B	435.312	435.390	S MAIN ST
Prowers	050B	435.390	435.400	S MAIN ST at E OLIVE ST
Prowers	050B	435.400	435.534	S MAIN ST
Prowers	050B	435.534	435.891	E OLIVE ST
Prowers	050B	435.891	435.900	E OLIVE ST at MAXWELL ST
Prowers	050B	435.900	436.262	E OLIVE ST
Prowers	287A	75.928	76.000	US-287
Prowers	287A	76.000	77.639	S MAIN ST

Las Animas

County	HWY	From MP	To MP	Street
Bent	050B	397.710	398.000	AMBASSADOR THOMPSON BLVD
Bent	050B	398.000	398.007	AMBASSADOR THOMPSON BLVD at OAK AVE
Bent	050B	398.007	398.331	7TH ST
Bent	050B	398.331	398.395	GROVE AVE
Bent	050B	398.395	398.400	7TH ST at VINE
Bent	050B	398.400	398.696	7TH ST
Bent	050B	398.696	398.700	7TH ST at ELM AVE
Bent	050B	398.700	398.834	7TH ST
Bent	050B	398.834	399.193	BENT AVE
Bent	050B	399.193	399.200	BENT AVE at 3RD
Bent	050B	399.200	399.499	BENT AVE
Bent	050B	399.499	399.848	N BENT AVE
Bent	101A	0.000	0.404	CARSON AVE

Leadville

County	HWY	From MP	To MP	Street
Lake	024A	175.414	175.485	N POPLAR ST
Lake	024A	175.485	175.500	N POPLAR ST at 11TH
Lake	024A	175.500	175.592	N POPLAR ST
Lake	024A	175.592	175.600	POPLAR ST at 9TH
Lake	024A	175.600	175.700	N POPLAR ST
Lake	024A	175.700	175.709	E 9TH ST at HARRISON
Lake	024A	175.709	175.900	HARRISON AVE
Lake	024A	175.900	175.927	HARRISON AVE at 5TH
Lake	024A	175.927	176.387	HARRISON AVE
Lake	024A	176.387	176.479	US-24
Lake	024A	176.479	177.026	Silver Drive
Lake	024A	177.026	177.133	US-24

Limon

County	HWY	From MP	To MP	Street
Lincoln	024F	0.000	0.193	US-24 at 6TH
Lincoln	024F	0.193	0.300	US-24
Lincoln	024F	0.498	0.548	US-24
Lincoln	024G	376.714	376.751	US-24
Lincoln	024G	377.075	377.524	MAIN ST
Lincoln	024G	377.746	378.000	MAIN ST
Lincoln	024G	378.000	378.008	MAIN ST at H
Lincoln	024G	378.008	378.300	MAIN ST
Lincoln	024G	378.300	378.301	MAIN ST at D
Lincoln	024G	378.301	378.795	MAIN ST
Lincoln	024G	378.795	378.800	MAIN ST at at 1ST AVE
Lincoln	024G	378.800	379.166	MAIN ST
Lincoln	040G	381.937	382.184	US-40 at 24 Spur
Lincoln	070A	359.082	359.593	I-70 and US-287
Lincoln	070A	360.941	361.172	I-70 and US-287
Lincoln	070A	361.384	361.626	I-70 and US-287
Lincoln	071C	100.242	100.730	INDIANA AVE
Lincoln	071D	101.973	102.538	1ST AVE

Littleton

County	HWY	From MP	To MP	Street
Arapahoe	075B	5.287	5.416	S PLATTE CANYON RD
Arapahoe	085B	200.551	204.490	S SANTA FE DR
Arapahoe	085B	204.490	204.500	S SANTA FE DR at PRINCE
Arapahoe	085B	204.500	205.079	S SANTA FE DR
Arapahoe	088A	8.064	8.194	W BELLEVIEW AVE
Arapahoe	088A	8.194	8.200	W BELLEVIEW AVE at PRINCE
Arapahoe	088A	8.200	9.096	W BELLEVIEW AVE
Arapahoe	470A	15.862	16.214	C-470
Douglas	470A	17.109	17.588	C-470

Lochbuie

County	HWY	From MP	To MP	Street
Weld	076A	25.145	28.502	I-76

Lone Tree

County	HWY	From MP	To MP	Street
Douglas	025A	190.932	195.076	I-25
Douglas	470A	24.144	26.195	C-470

Longmont

County	HWY	From MP	To MP	Street
Boulder	066B	35.238	35.555	UTE HWY
Boulder	066B	36.622	36.792	UTE HWY
Boulder	066B	37.662	38.641	UTE HWY
Boulder	119B	54.003	54.500	DIAGONAL HWY
Boulder	119B	54.500	57.300	KEN PRATT BLVD
Boulder	119B	57.300	57.308	KEN PRATT BLVD at S MARTIN ST
Boulder	119B	57.308	57.425	KEN PRATT BLVD
Boulder	119B	58.460	58.878	KEN PRATT BLVD
Boulder	119B	58.878	59.089	KEN PRATT BLVD at 3RD
Boulder	119C	59.089	59.479	CO-119
Weld	119C	59.479	60.487	CO-119
Boulder	287C	313.542	314.800	S MAIN ST
Boulder	287C	314.800	314.807	S MAIN ST at GRAND
Boulder	287C	314.807	315.386	S MAIN ST
Boulder	287C	315.386	315.500	MAIN ST
Boulder	287C	315.500	315.510	MAIN ST at 2ND
Boulder	287C	315.510	316.100	MAIN ST
Boulder	287C	316.100	316.104	MAIN ST at LONGS PEAK
Boulder	287C	316.104	317.100	MAIN ST
Boulder	287C	317.100	317.103	MAIN ST at 15TH
Boulder	287C	317.103	318.326	MAIN ST
Boulder	287C	318.326	318.565	N 107TH ST

Louisville

County	HWY	From MP	To MP	Street
Boulder	042A	1.458	1.775	N 96TH ST
Boulder	042A	1.775	2.951	N COURTESY RD
Boulder	042A	2.951	3.795	EMPIRE RD
Boulder	170A	5.181	5.558	MARSHALL RD

Loveland

County	HWY	From MP	To MP	Street
Larimer	025A	256.279	257.300	I-25
Larimer	025A	257.300	257.305	I-25 at 257A
Larimer	025A	257.305	259.309	I-25
Larimer	034A	87.669	87.690	BIG THOMPSON CANYON RD
Larimer	034A	87.690	87.900	W EISENHOWER BLVD
Larimer	034A	88.103	88.421	W EISENHOWER BLVD
Larimer	034A	88.677	89.018	W EISENHOWER BLVD
Larimer	034A	89.386	89.476	W EISENHOWER BLVD
Larimer	034A	89.476	89.480	W EISENHOWER BLVD at KENNEDY
Larimer	034A	91.939	92.598	E EISENHOWER BLVD
Larimer	034A	92.598	92.600	E EISENHOWER BLVD at REDWOOD
Larimer	034A	92.600	93.190	E EISENHOWER BLVD
Larimer	034A	93.190	93.200	E EISENHOWER BLVD at N CHEYENNE AVE
Larimer	034A	93.200	93.798	E EISENHOWER BLVD
Larimer	034A	94.500	95.200	E EISENHOWER BLVD
Larimer	034A	95.200	95.300	E EISENHOWER BLVD at CUPID RD
Larimer	034A	95.300	96.110	E EISENHOWER BLVD
Larimer	034A	96.110	96.124	E EISENHOWER BLVD at 257B
Larimer	034A	96.124	97.797	E EISENHOWER BLVD
Larimer	060A	0.000	0.100	060A at CR-15
Larimer	060A	0.100	0.200	060A
Larimer	060A	0.200	0.538	42ND ST SE
Larimer	287C	330.000	333.038	S LINCOLN AVE
Larimer	287C	333.038	334.641	N LINCOLN AVE
Larimer	287C	334.679	334.877	N LINCOLN AVE
Larimer	287C	334.877	335.227	BUCHANAN AVE
Larimer	287C	335.227	335.400	BUCHANAN AVE and N GARFIELD AVE
Larimer	287C	335.400	335.908	N GARFIELD AVE
Larimer	287C	336.000	336.664	N GARFIELD AVE
Larimer	287C	336.752	336.900	N GARFIELD AVE
Larimer	287C	336.900	336.903	N GARFIELD AVE at RANCH ACRES
Larimer	287C	337.415	337.748	N GARFIELD AVE
Larimer	287Z	0.000	0.020	N CLEVELAND AVE and S CLEVELAND AVE
Larimer	287Z	0.020	0.398	N CLEVELAND AVE
Larimer	287Z	0.398	0.400	N CLEVELAND AVE at E 13TH ST
Larimer	287Z	0.400	1.200	N CLEVELAND AVE
Larimer	287Z	1.200	1.203	N CLEVELAND AVE at 3RD
Larimer	287Z	1.203	1.388	N CLEVELAND AVE
Larimer	287Z	1.388	1.763	S CLEVELAND AVE
Larimer	402A	0.000	0.500	14TH ST SE
Larimer	402A	0.500	0.511	14TH ST SE at S ST LOUIS AVE

Lyons

County	HWY	From MP	To MP	Street
Boulder	007A	32.705	32.800	5TH AVE at MEILLY
Boulder	007A	32.800	33.080	5TH AVE
Boulder	036B	19.739	20.090	N ST VRAIN DR
Boulder	036B	20.090	20.357	W MAIN ST
Boulder	036B	20.357	20.700	BROADWAY ST
Boulder	036B	20.700	20.907	E MAIN ST
Boulder	036B	20.907	21.764	UTE HWY
Boulder	036Z	0.000	0.299	MAIN ST

Manassa

County	HWY	From MP	To MP	Street
Conejos	142A	2.266	2.394	CO-142
Conejos	142A	2.394	2.400	CO-142 at N 8TH ST
Conejos	142A	2.400	3.276	CO-142
Conejos	142A	3.276	3.282	CO-142 at 1ST ST

Mancos

County	HWY	From MP	To MP	Street
Montezuma	160A	55.351	56.212	US-160
Montezuma	160D	0.690	0.900	GRAND AVE
Montezuma	160D	0.900	0.901	GRAND AVE at N SPRUCE ST
Montezuma	160D	0.901	1.385	GRAND AVE
Montezuma	160D	1.385	1.500	E GRAND AVE
Montezuma	160D	1.500	1.522	E GRAND AVE at PARK
Montezuma	160D	1.522	1.883	E GRAND AVE
Montezuma	184B	26.225	26.290	N MAIN ST
Montezuma	184B	26.290	26.300	N MAIN ST at E SUNSET
Montezuma	184B	26.300	26.365	N MAIN ST
Montezuma	184B	26.365	26.376	N MAIN ST at E MENEFEE ST
Montezuma	184B	26.376	26.400	N MAIN ST
Montezuma	184B	26.400	26.407	N MAIN ST at E FRONTAGE RD
Montezuma	184B	26.407	26.530	N MAIN ST
Montezuma	184B	26.530	26.599	N MAIN ST at E BAUER AVE

Manitou Springs

County	HWY	From MP	To MP	Street
El Paso	024A	297.352	297.545	FOUNTAIN AVE
El Paso	024A	297.545	299.612	US-24
El Paso	024E	0.318	2.711	MANITOU AVE
El Paso	024E	2.711	2.778	MANITOU AVE and GARDEN OF THE GODS PL
El Paso	024E	2.778	2.826	MANITOU AVE

Manzanola

County	HWY	From MP	To MP	Street
Otero	050B	359.463	359.578	W 1ST ST
Otero	050B	359.578	359.600	W 1ST ST at N CANAL ST
Otero	050B	359.600	359.778	W 1ST ST
Otero	050B	359.778	359.800	W 1ST ST at CATALPA ST
Otero	050B	359.800	359.930	W 1ST ST
Otero	050B	359.930	360.000	E 1ST ST
Otero	207A	0.000	0.300	N PARK ST
Otero	207A	0.300	0.340	CO-207

Mead

County	HWY	From MP	To MP	Street
Weld	025A	242.799	244.195	I-25
Weld	025A	244.195	244.200	I-25 at COUNTY ROAD 32
Weld	025A	244.200	246.210	I-25
Weld	066B	41.920	45.440	CO-66

Meeker

County	HWY	From MP	To MP	Street
Rio Blanco	013A	41.081	41.494	CO-13
Rio Blanco	013A	41.494	41.500	CO-13 at 9TH ST
Rio Blanco	013A	41.500	41.794	CO-13
Rio Blanco	013A	41.794	41.800	CO-13 at 5TH
Rio Blanco	013A	41.800	42.016	CO-13
Rio Blanco	013A	42.016	42.021	MARKET ST at 2ND ST
Rio Blanco	013A	42.021	42.087	E MARKET ST
Rio Blanco	013A	42.087	42.100	MARKET ST at 1ST ST
Rio Blanco	013A	42.100	43.605	E MARKET ST
Rio Blanco	013A	44.079	45.000	E MARKET ST
Rio Blanco	013A	45.292	45.336	E MARKET ST

Merino

County	HWY	From MP	To MP	Street
Logan	006J	391.728	392.000	PLATTE ST

Milliken

County	HWY	From MP	To MP	Street
Weld	060B	11.333	12.388	W SOUTH 1ST ST
Weld	060B	12.388	12.400	W SOUTH 1ST ST at N IRENE AVE
Weld	060B	12.400	12.895	BROAD ST
Weld	060B	12.895	12.900	BROAD ST at N ALICE AVE
Weld	060B	12.900	13.902	BROAD ST
Weld	257A	0.000	0.696	Quintine Ave
Weld	257A	0.730	1.841	Quintine Ave
Weld	257A	1.888	2.309	Quintine Ave

Minturn

County	HWY	From MP	To MP	Street
Eagle	024A	143.539	143.800	N MAIN ST at MINTURN RD
Eagle	024A	143.800	145.241	N MAIN ST
Eagle	024A	145.241	147.100	S MAIN ST
Eagle	024A	147.100	147.119	US-24 at CROSS CREEK LN

Moffat

County	HWY	From MP	To MP	Street
Saguache	017B	105.016	105.482	017B
Saguache	017B	105.482	106.398	CO-17

Monte Vista

County	HWY	From MP	To MP	Street
Rio Grande	015A	0.000	0.880	S BROADWAY ST
Rio Grande	160A	214.190	214.700	US-160
Rio Grande	160A	214.700	214.767	US-160 at PROSPECT
Rio Grande	160A	214.767	215.200	US-160
Rio Grande	160A	215.200	215.202	US-160 at COUNTRY CLUB DR
Rio Grande	160A	215.202	215.397	1ST AVE
Rio Grande	160A	215.397	215.400	1ST AVE at DAVIS ST
Rio Grande	160A	215.400	215.698	1ST AVE
Rio Grande	160A	215.698	215.700	1ST AVE at S BROADWAY ST
Rio Grande	160A	215.700	215.928	1ST AVE
Rio Grande	160A	215.928	216.000	PARK AVE
Rio Grande	160A	216.000	216.008	PARK AVE at Madison St
Rio Grande	160A	216.008	216.127	PARK AVE
Rio Grande	160A	216.127	216.500	GRAND AVE
Rio Grande	160A	216.500	216.507	GRAND AVE at STALLO
Rio Grande	160A	216.507	216.598	GRAND AVE
Rio Grande	160A	216.598	216.600	GRAND AVE at FARADAY
Rio Grande	160A	216.600	216.754	GRAND AVE
Rio Grande	160A	216.754	216.766	GRAND AVE at COVEY
Rio Grande	160A	216.766	217.129	GRAND AVE
Rio Grande	285B	51.159	51.229	GUNBARREL RD and MAIN ST and CoRoute for 285B
Rio Grande	285B	51.229	51.536	GUNBARREL RD

Montrose

County	HWY	From MP	To MP	Street
Montrose	050A	89.833	91.900	N TOWNSEND AVE
Montrose	050A	91.900	93.135	SAN JUAN AVE
Montrose	050A	93.135	93.558	N SAN JUAN AVE
Montrose	050A	93.558	94.098	E MAIN ST
Montrose	050A	94.098	94.099	E MAIN ST at N HILLCREST DR
Montrose	050A	94.099	94.587	E MAIN ST
Montrose	050A	95.107	95.800	E MAIN ST
Montrose	050A	95.800	95.970	US-50

Montrose

County	HWY	From MP	To MP	Street
Montrose	050A	97.362	98.214	US-50
Montrose	090B	88.650	89.300	SPRING CREEK RD
Montrose	090B	89.300	89.717	W MAIN ST
Montrose	090B	89.717	89.858	E MAIN ST
Montrose	550B	126.154	126.806	US-550
Montrose	550B	126.806	126.900	S TOWNSEND AVE
Montrose	550B	126.900	127.000	S TOWNSEND AVE at HAWK PKY
Montrose	550B	127.000	128.699	S TOWNSEND AVE
Montrose	550B	128.699	128.700	S TOWNSEND AVE at 8TH
Montrose	550B	128.700	129.190	S TOWNSEND AVE
Montrose	550B	129.190	129.200	S TOWNSEND AVE at 1ST
Montrose	550B	129.200	129.257	S TOWNSEND AVE
Montrose	550B	129.257	129.399	N TOWNSEND AVE
Montrose	550B	129.399	129.400	N TOWNSEND AVE at N 2ND ST
Montrose	550B	129.400	130.219	N TOWNSEND AVE

Monument

County	HWY	From MP	To MP	Street
El Paso	105A	5.365	5.969	CO-105
El Paso	105A	5.969	5.980	CO-105 at WASHINGTON

Morrison

County	HWY	From MP	To MP	Street
Jefferson	008A	0.240	0.561	CO-8 at TURKEY CREEK
Jefferson	008A	0.561	1.292	CO-8
Jefferson	008A	1.292	1.300	CO-8 at FOREST AVE
Jefferson	008A	1.300	1.916	CO-8
Jefferson	008A	1.916	2.501	BEAR CREEK AVE
Jefferson	008A	2.515	2.596	W MORRISON RD
Jefferson	008A	2.669	2.793	W MORRISON RD
Jefferson	074A	17.705	18.110	BEAR CREEK RD
Jefferson	285D	247.184	248.266	US-285
Jefferson	470A	3.747	4.248	C-470

Mountain View

County	HWY	From MP	To MP	Street
Jefferson	095A	8.291	8.300	SHERIDAN BLVD at W 41ST AVE
Jefferson	095A	8.300	8.569	SHERIDAN BLVD

Mountain Village

County	HWY	From MP	To MP	Street
San Miguel	145A	69.760	70.421	CO-145
San Miguel	145A	70.527	70.570	CO-145
San Miguel	145A	70.596	70.793	CO-145

Naturita

County	HWY	From MP	To MP	Street
Montrose	097A	0.000	0.059	HIGHWAY 97 at ADAMS
Montrose	097A	0.059	0.075	HIGHWAY 97
Montrose	097A	0.075	0.077	HIGHWAY 97 at PAYSON ST
Montrose	097A	0.077	0.579	HIGHWAY 97
Montrose	097A	0.715	1.000	HIGHWAY 97
Montrose	141A	60.030	60.573	E MAIN ST
Montrose	141A	60.573	60.600	W MAIN ST
Montrose	141A	60.600	60.608	W MAIN ST at 1ST
Montrose	141A	60.608	60.700	W MAIN ST
Montrose	141A	60.700	60.701	W MAIN ST at 2ND
Montrose	141A	60.701	60.800	W MAIN ST
Montrose	141A	60.800	60.801	W MAIN ST at 3RD
Montrose	141A	60.801	61.000	W MAIN ST

Nederland

County	HWY	From MP	To MP	Street
Boulder	072B	32.369	32.429	W 2ND ST at JEFFERSON
Boulder	072B	32.429	32.896	W 2ND ST
Boulder	072B	32.896	32.900	W 2ND ST at FOREST
Boulder	072B	32.900	32.968	W 2ND ST
Boulder	072B	32.968	32.985	W 2ND ST at NAVAJO TRL
Boulder	072B	32.985	33.157	W 2ND ST at POMO WAY
Boulder	072B	33.157	33.396	W 2ND ST
Boulder	072B	33.558	33.752	CO-72
Boulder	119A	24.298	24.300	CO-119 at PEAKVIEW RD
Boulder	119A	24.300	24.427	S BRIDGE ST
Boulder	119A	25.000	25.200	S BRIDGE ST
Boulder	119A	25.200	25.210	S BRIDGE ST at HENDRICKS
Boulder	119A	25.210	25.400	S BRIDGE ST
Boulder	119A	25.400	25.404	S BRIDGE ST at PINE
Boulder	119A	25.404	25.754	S BRIDGE ST
Boulder	119A	25.754	26.402	BOULDER CANYON DR

New Castle

County	HWY	From MP	To MP	Street
Garfield	006D	105.483	106.174	W MAIN ST
Garfield	006D	106.174	106.180	W MAIN ST at 2ND
Garfield	006D	106.180	106.228	W MAIN ST
Garfield	006D	106.228	107.118	E MAIN ST
Garfield	006D	107.118	107.210	Main Street at BURNING MOUNTAIN AVE
Garfield	006D	107.210	107.426	Main Street
Garfield	070A	103.700	104.700	I-70

Northglenn

County	HWY	From MP	To MP	Street
Adams	025A	220.319	223.049	I-25
Adams	128B	13.900	14.071	W 120TH AVE
Adams	287C	293.744	293.751	FEDERAL BLVD

Norwood

County	HWY	From MP	To MP	Street
San Miguel	145A	100.884	101.000	GRAND AVE
San Miguel	145A	101.000	101.002	GRAND AVE at BUNKER
San Miguel	145A	101.002	101.195	GRAND AVE
San Miguel	145A	101.195	101.200	GRAND AVE at CEDAR
San Miguel	145A	101.200	101.400	GRAND AVE
San Miguel	145A	101.400	101.408	GRAND AVE at LINCOLN
San Miguel	145A	101.408	101.561	GRAND AVE

Nucla

County	HWY	From MP	To MP	Street
Montrose	097A	3.794	3.800	HIGHWAY 97
Montrose	097A	3.800	4.584	MAIN ST

Nunn

County	HWY	From MP	To MP	Street
Weld	085L	287.837	289.560	US-85

Oak Creek

County	HWY	From MP	To MP	Street
Routt	131B	51.373	51.600	E MAIN ST
Routt	131B	51.600	51.616	E MAIN ST at LINCOLN
Routt	131B	51.616	51.859	E MAIN ST
Routt	131B	51.859	52.000	W MAIN ST

Olathe

County	HWY	From MP	To MP	Street
Montrose	050A	82.024	82.613	US-50
Montrose	050D	0.000	0.100	US-50-BR (Business Rt. 50)
Montrose	050D	0.100	0.700	N US-50-BR
Montrose	050D	0.700	0.704	N US-50-BR at 2ND
Montrose	050D	0.704	1.485	S US-50-BR
Montrose	348A	16.010	16.033	CO-348
Montrose	348A	16.033	16.201	W 5TH ST
Montrose	348A	16.201	16.213	W 5TH ST at 4TH
Montrose	348A	16.213	16.474	W 5TH ST
Montrose	348A	16.474	16.599	E 5TH ST
Montrose	348A	16.599	16.607	E 5TH ST at WORTMAN
Montrose	348A	16.607	16.883	E 5TH ST

Olney Springs

County	HWY	From MP	To MP	Street
Crowley	096B	94.339	94.700	WARNER AVE
Crowley	096B	94.700	94.702	WARNER AVE at SCHULYER
Crowley	096B	94.702	94.790	WARNER AVE

Orchard City

County	HWY	From MP	To MP	Street
Delta	065A	1.684	2.100	CO-65
Delta	065A	2.100	2.109	CO-65 at FAIRVIEW
Delta	065A	2.109	8.400	CO-65
Delta	065A	8.400	8.430	CO-65 at OXFORD RD
Delta	065A	8.430	8.496	CO-65
Delta	092A	6.582	6.671	CO-92

Ordway

County	HWY	From MP	To MP	Street
Crowley	071C	26.638	26.642	CO-71 at E 1ST ST
Crowley	071C	26.642	26.881	CoRoute for 096B
Crowley	071C	26.881	27.336	CO-71
Crowley	096B	105.240	105.830	CO-96

Otis

County	HWY	From MP	To MP	Street
Washington	034B	209.075	209.179	W 1ST AVE
Washington	034B	209.179	209.300	E 1ST AVE
Washington	034B	209.300	209.305	E 1ST AVE at DADE ST
Washington	034B	209.305	209.357	E 1ST AVE a
Washington	034B	209.357	209.824	E 1ST AVE
Washington	061A	0.000	0.495	DADE ST

Ouray

County	HWY	From MP	To MP	Street
Ouray	550B	92.069	92.894	US-550
Ouray	550B	92.894	92.900	US-550 at 3rd Street
Ouray	550B	92.900	93.299	US-550
Ouray	550B	93.299	93.855	MAIN ST
Ouray	550B	93.855	95.137	US-550

Ovid

County	HWY	From MP	To MP	Street
Sedgwick	138A	50.325	50.751	SAUNDERS AVE

Pagosa Springs

County	HWY	From MP	To MP	Street
Archuleta	160A	138.835	141.566	US-160
Archuleta	160A	141.566	143.100	SAN JUAN DR
Archuleta	160A	143.100	143.103	SAN JUAN DR at N 8TH ST
Archuleta	160A	143.103	143.548	SAN JUAN DR
Archuleta	160A	143.548	144.472	PAGOSA ST

Palisade

County	HWY	From MP	To MP	Street
Mesa	006C	42.365	42.706	G RD
Mesa	006C	42.706	42.800	37 3/10 RD
Mesa	006C	42.800	43.080	W 8TH ST
Mesa	006C	43.080	43.100	W 8TH ST at PEACH
Mesa	006C	43.100	43.212	W 8TH ST
Mesa	006C	43.212	43.225	W 8TH ST at MAIN
Mesa	006C	43.225	43.283	W 8TH ST

Palmer Lake

County	HWY	From MP	To MP	Street
El Paso	105A	6.310	6.327	CO-105 at FRONTIER
El Paso	105A	6.327	8.796	CO-105
El Paso	105A	8.796	8.808	CO-105 at PIE
El Paso	105A	8.808	8.900	CO-103
El Paso	105A	8.900	8.915	CO-103 at at PRIMROSE ST
El Paso	105A	8.915	9.100	CO-105
El Paso	105A	9.100	9.200	S PERRY PARK RD
El Paso	105A	9.200	9.211	S PERRY PARK RD at S SPRUCE MOUNTAIN RD
El Paso	105A	9.211	9.480	S PERRY PARK RD

Paoli

County	HWY	From MP	To MP	Street
Phillips	006J	444.447	445.280	DEE ST

Parachute

County	HWY	From MP	To MP	Street
Garfield	006M	74.490	74.875	US HIGHWAY 6
Garfield	006M	74.875	75.012	W 1ST ST
Garfield	006M	75.012	75.422	E 1ST ST
Garfield	070A	73.706	74.661	I-70

Parker

County	HWY	From MP	To MP	Street
Douglas	083A	56.861	57.300	S PARKER RD
Douglas	083A	57.300	57.320	S PARKER RD at J MORGAN
Douglas	083A	57.320	59.776	S PARKER RD
Douglas	083A	59.776	59.800	S PARKER RD at E MAIN STREET
Douglas	083A	59.800	60.900	S PARKER RD
Douglas	083A	60.900	60.914	S PARKER RD at LINCOLN
Douglas	083A	60.914	63.115	S PARKER RD
Douglas	470B	4.380	4.383	E-470
Douglas	470B	4.744	5.750	E-470

Peetz

County	HWY	From MP	To MP	Street
Logan	113A	15.675	15.971	113A

Pierce

County	HWY	From MP	To MP	Street
Weld	085L	283.176	283.600	US-85
Weld	085L	283.600	283.610	US-85 at W MAIN AVE
Weld	085L	283.610	284.180	US-85

Platteville

County	HWY	From MP	To MP	Street
Weld	066B	51.160	51.181	CO-66
Weld	066B	51.181	51.350	JUSTIN AVE
Weld	066B	51.350	51.386	JUSTIN AVE at VASQUEZ BLVD
Weld	085C	250.220	252.226	US-85
Weld	085F	0.876	0.948	085F
Weld	085F	0.948	0.972	085F at CR-28
Weld	085F	0.972	1.400	MAIN ST
Weld	085F	1.400	1.406	MAIN ST at BYERS
Weld	085F	1.406	1.498	MAIN ST
Weld	085F	1.498	1.500	MAIN ST at CENTRAL
Weld	085F	1.500	2.690	MAIN ST

Poncha Springs

County	HWY	From MP	To MP	Street
Chaffee	050A	216.770	216.800	US-50 at US-285
Chaffee	050A	216.800	217.000	US-50
Chaffee	050A	217.000	217.628	W US-50 and CoRoute for 285B
Chaffee	050A	217.628	217.938	Collogiate Peeks Scenic Byway
Chaffee	285B	125.777	126.000	US-285
Chaffee	285B	126.000	126.480	MAIN ST

Pritchett

County	HWY	From MP	To MP	Street
Baca	160C	449.721	449.787	RAILROAD ST
Baca	160C	449.787	449.800	RAILROAD ST at IRVING
Baca	160C	449.800	449.921	RAILROAD ST
Baca	160C	449.921	450.370	RANDOLPH ST

Pueblo

County	HWY	From MP	To MP	Street
Pueblo	025A	92.930	96.519	I-25
Pueblo	025A	96.519	96.534	I-25 at 97A
Pueblo	025A	96.534	97.237	I-25
Pueblo	025A	97.237	97.287	I-25 at 97B
Pueblo	025A	97.287	99.156	I-25
Pueblo	025A	99.156	99.174	I-25 at 99B
Pueblo	025A	99.174	103.609	I-25
Pueblo	045A	0.000	0.790	W PUEBLO BLVD
Pueblo	045A	0.790	0.800	W PUEBLO BLVD at MIRROR
Pueblo	045A	0.800	2.186	W PUEBLO BLVD
Pueblo	045A	2.186	2.200	W PUEBLO BLVD at RIDGEWOOD
Pueblo	045A	2.200	2.244	W PUEBLO BLVD
Pueblo	045A	2.244	2.700	S PUEBLO BLVD
Pueblo	045A	2.700	2.703	S PUEBLO BLVD at SURFWOOD
Pueblo	045A	2.703	5.066	S PUEBLO BLVD
Pueblo	045A	5.066	5.781	CO-45
Pueblo	047A	0.000	0.154	CO-47 at PUEBLO MALL
Pueblo	047A	0.154	3.038	CO-47
Pueblo	047A	4.515	4.635	CO-47 at 13TH
Pueblo	050A	312.863	314.598	US-50
Pueblo	050B	315.709	321.904	US-50
Pueblo	050C	0.000	0.192	N SANTA FE AVE
Pueblo	050C	0.192	0.200	N SANTA FE AVE at 1ST
Pueblo	050C	0.200	0.232	N SANTA FE AVE
Pueblo	050C	0.232	0.400	S SANTA FE AVE
Pueblo	050C	0.400	0.402	S SANTA FE AVE at RICHMOND
Pueblo	050C	0.402	0.788	S SANTA FE AVE
Pueblo	050C	0.788	0.800	S SANTA FE AVE at CLARK ST and E D ST
Pueblo	050C	0.800	0.867	S SANTA FE AVE
Pueblo	050C	0.867	0.874	S SANTA FE AVE at 98A
Pueblo	050C	0.874	1.356	S SANTA FE AVE
Pueblo	050C	1.356	2.092	US-50-BR
Pueblo	078A	29.903	31.781	CO-78
Pueblo	078A	31.781	31.800	CO-78 at VENTANA WAY
Pueblo	078A	31.800	32.500	W NORTHERN AVE
Pueblo	078A	32.500	32.567	W NORTHERN AVE at SIENA
Pueblo	078A	32.567	33.272	W NORTHERN AVE
Pueblo	096A	51.894	52.000	THATCHER AVE
Pueblo	096A	52.785	54.080	THATCHER AVE

Pueblo

County	HWY	From MP	To MP	Street
Pueblo	096A	54.080	54.761	LINCOLN ST
Pueblo	096A	54.761	55.998	W 4TH ST
Pueblo	096A	55.998	56.005	W 4TH ST at MAIN
Pueblo	096A	56.005	56.089	E 4TH ST
Pueblo	096A	56.089	56.099	E 4TH ST at N SANTA FE AVE
Pueblo	096A	56.099	56.294	E 4TH ST
Pueblo	096A	56.294	56.299	E 4TH ST at N BRADFORD AVE
Pueblo	096A	56.299	56.490	E 4TH ST
Pueblo	096A	56.490	56.498	E 4TH ST at N ERIE AVE
Pueblo	096A	56.498	58.398	E 4TH ST
Pueblo	096A	58.398	58.404	E 4TH ST at AMARILLO AVE
Pueblo	096A	58.404	58.496	E 4TH ST
Pueblo	096A	58.496	58.498	E 4TH ST at BEAUMONT AVE
Pueblo	096A	58.498	58.811	E 4TH ST

Ramah

County	HWY	From MP	To MP	Street
El Paso	024G	348.972	349.172	US-24
El Paso	024G	349.172	349.279	CARIBOU ST

Rangely

County	HWY	From MP	To MP	Street
Rio Blanco	064A	17.860	18.143	CO-64
Rio Blanco	064A	18.143	18.152	CO-64 at STANOLIND
Rio Blanco	064A	18.152	18.594	E MAIN ST
Rio Blanco	064A	18.594	18.600	E MAIN ST at BIRCH
Rio Blanco	064A	18.600	18.899	E MAIN ST
Rio Blanco	064A	18.899	18.900	E MAIN ST at NICHOLS AVE
Rio Blanco	064A	18.900	19.532	E MAIN ST
Rio Blanco	064A	19.659	19.936	E MAIN ST
Rio Blanco	064A	19.936	22.000	CO-64
Rio Blanco	139A	70.771	70.950	CO-139
Rio Blanco	139A	72.039	72.065	CO-139 at COUNTY ROAD 10

Raymer

County	HWY	From MP	To MP	Street
Weld	014C	202.136	203.373	CO-14

Red Cliff

County	HWY	From MP	To MP	Street
Eagle	024A	153.450	153.535	US-24

Rico

County	HWY	From MP	To MP	Street
Dolores	145A	46.235	46.800	Glasgow Ave
Dolores	145A	46.800	47.476	CO-145

Ridgway

County	HWY	From MP	To MP	Street
Ouray	062A	22.112	22.796	MAIN ST
Ouray	062A	22.796	22.800	MAIN ST at N MARY ST
Ouray	062A	22.800	23.414	MAIN ST
Ouray	550B	103.388	103.702	US-550
Ouray	550B	104.000	104.640	US-550

Rifle

County	HWY	From MP	To MP	Street
Garfield	006D	92.907	92.932	US-6
Garfield	006L	88.895	90.000	1st Street at GAS CT
Garfield	006L	90.000	90.394	1st Street
Garfield	006L	90.394	90.400	1st Street at SWALLOW
Garfield	006L	90.400	91.240	1st Street
Garfield	006M	88.300	88.420	W CENTENNIAL PKY
Garfield	013A	1.059	1.130	W 1ST ST and 13 Bypass
Garfield	013A	2.405	3.752	CO-13
Garfield	013C	0.000	0.177	CO-13 at 90
Garfield	013C	0.177	0.222	CO-13
Garfield	070A	86.377	86.691	I-70
Garfield	070A	89.459	91.792	I-70

Rocky Ford

County	HWY	From MP	To MP	Street
Otero	050B	368.059	368.076	US-50
Otero	050B	368.076	368.188	ELM AVE
Otero	050B	368.188	368.262	ELM AVE and CoRoute for 071B
Otero	050B	368.262	368.400	ELM AVE
Otero	050B	368.400	368.404	ELM AVE at 6TH
Otero	050B	368.404	369.576	ELM AVE
Otero	050Z	0.000	0.688	SWINK AVE
Otero	050Z	0.688	0.700	SWINK AVE at 11TH
Otero	050Z	0.700	1.510	SWINK AVE
Otero	071B	13.725	14.200	S 12TH ST
Otero	071B	14.200	14.218	S 12TH ST at SYCAMORE AVE
Otero	071B	14.218	14.300	N 12TH ST
Otero	071B	14.300	14.337	N 12TH ST at WALNUT
Otero	071B	14.337	14.413	N 12TH ST
Otero	071B	14.413	14.539	N 12TH ST at RAILROAD AVE
Otero	202A	0.000	0.140	N 2ND ST
Otero	202A	0.140	0.220	S 2ND ST
Otero	266A	0.000	0.187	N 12TH ST
Otero	266A	0.187	0.363	THOMAS AVE

Romeo

County	HWY	From MP	To MP	Street
Conejos	142A	0.000	0.136	CO-142 at 2ND
Conejos	142A	0.136	0.300	CO-142
Conejos	285A	12.201	12.936	US-285

Saguache

County	HWY	From MP	To MP	Street
Saguache	114A	61.528	61.697	GUNNISON AVE
Saguache	285B	86.005	86.191	8TH ST
Saguache	285B	86.191	86.200	8TH ST at SAN JUAN AVE
Saguache	285B	86.200	86.340	8TH ST
Saguache	285B	86.340	86.599	GUNNISON AVE
Saguache	285B	86.599	86.600	CIRCLE DR at 4TH
Saguache	285B	86.600	86.727	CIRCLE DR

Salida

County	HWY	From MP	To MP	Street
Chaffee	050A	220.293	220.474	Collogiate Peeks Scenic Byway
Chaffee	050A	220.620	220.940	Collogiate Peeks Scenic Byway
Chaffee	050A	220.940	221.095	W RAINBOW BLVD
Chaffee	050A	221.095	221.100	W RAINBOW BLVD at I ST
Chaffee	050A	221.100	221.379	W RAINBOW BLVD
Chaffee	050A	221.379	222.198	E RAINBOW BLVD
Chaffee	050A	222.198	222.200	E RAINBOW BLVD at HUNT
Chaffee	050A	222.200	222.399	E RAINBOW BLVD
Chaffee	291A	0.000	0.003	OAK ST at Royal Gorge Blvd
Chaffee	291A	0.003	0.220	OAK ST
Chaffee	291A	0.303	0.500	OAK ST
Chaffee	291A	0.500	0.510	OAK ST at DODGE ST
Chaffee	291A	0.510	0.640	OAK ST
Chaffee	291A	0.640	1.110	E 1ST ST
Chaffee	291A	1.110	1.500	W 1ST ST
Chaffee	291A	1.500	1.510	W 1ST ST at at N L ST
Chaffee	291A	1.510	1.754	W 1ST ST
Chaffee	291A	1.840	1.893	W 1ST ST

San Luis

County	HWY	From MP	To MP	Street
Costilla	142A	33.641	33.840	CO-142 at ROAD 17.5
Costilla	159A	17.374	17.800	MAIN ST
Costilla	159A	17.800	17.870	MAIN ST at ARCHIE
Costilla	159A	17.870	18.504	MAIN ST

Sanford

County	HWY	From MP	To MP	Street
Conejos	136A	3.352	3.400	CO-136
Conejos	136A	3.400	3.600	Ash ST
Conejos	136A	3.600	3.898	MAIN ST
Conejos	136A	3.898	3.900	MAIN ST at 3RD NORTH
Conejos	136A	3.900	4.469	MAIN ST

Sawpit

County	HWY	From MP	To MP	Street
San Miguel	145A	79.920	80.000	EXITING SAWPIT
San Miguel	145A	80.000	80.074	CO-145
San Miguel	145A	80.074	80.100	CO-145 at HYDE ST
San Miguel	145A	80.100	80.176	CO-145

Sedgwick

County	HWY	From MP	To MP	Street
Sedgwick	138A	42.673	42.700	US-138
Sedgwick	138A	42.700	43.145	RAILROAD ST
Sedgwick	138A	43.145	43.217	US-138

Seibert

County	HWY	From MP	To MP	Street
Kit Carson	024B	422.707	422.999	2ND ST
Kit Carson	024B	422.999	423.000	2ND ST at OHIO AVE
Kit Carson	024B	423.000	423.198	2ND ST
Kit Carson	059A	41.479	41.645	CO-59

Severance

County	HWY	From MP	To MP	Street
Weld	014C	144.159	145.107	CO-14
Weld	014C	145.107	147.082	014C
Weld	257A	14.541	16.075	CO-257

Sheridan

County	HWY	From MP	To MP	Street
Arapahoe	085B	205.616	206.787	S SANTA FE DR
Arapahoe	085B	206.801	206.861	S SANTA FE DR
Arapahoe	088A	5.693	5.795	S FEDERAL BLVD
Arapahoe	088A	5.795	5.800	S FEDERAL BLVD at GIRARD
Arapahoe	088A	5.800	6.696	S FEDERAL BLVD
Arapahoe	088A	6.696	6.700	S FEDERAL BLVD at OXFORD
Arapahoe	088A	6.700	7.100	S FEDERAL BLVD
Arapahoe	088A	7.100	7.103	S FEDERAL BLVD at EDGEMORE
Arapahoe	088A	7.103	7.134	S FEDERAL BLVD
Arapahoe	285D	257.587	257.691	W HAMPDEN AVE
Arapahoe	285D	257.691	257.700	W HAMPDEN AVE at KNOX
Arapahoe	285D	257.700	259.277	W HAMPDEN AVE
Arapahoe	285D	259.299	259.409	W HAMPDEN AVE

Sheridan Lake

County	HWY	From MP	To MP	Street
Kiowa	096D	193.311	194.328	MAIN ST
Kiowa	385B	123.682	123.713	COLORADO AVE and E 5TH ST
Kiowa	385B	123.713	123.927	COLORADO AVE
Kiowa	385B	123.927	124.000	BORDERS ST
Kiowa	385B	124.055	124.269	BORDERS ST

Silt

County	HWY	From MP	To MP	Street
Garfield	006D	98.451	98.491	MAIN ST
Garfield	006D	98.735	98.991	MAIN ST
Garfield	006D	98.991	99.000	MAIN ST at 5TH
Garfield	006D	99.000	99.175	MAIN ST
Garfield	006D	99.175	99.232	N 8TH ST
Garfield	006D	99.232	99.627	MAIN ST
Garfield	006D	99.728	100.065	US-6
Garfield	070A	97.000	97.854	I-70
Garfield	070E	0.000	0.025	9TH ST
Garfield	070E	0.025	0.132	9TH ST
Garfield	070E	0.132	0.222	S 9TH ST

Silver Cliff

County	HWY	From MP	To MP	Street
Custer	096A	0.315	2.309	MAIN ST
Custer	096A	2.856	3.494	MAIN ST
Custer	096A	3.609	5.000	MAIN ST

Silver Plume

County	HWY	From MP	To MP	Street
Clear Creek	070A	225.272	226.058	I-70

Silverthorne

County	HWY	From MP	To MP	Street
Summit	006F	208.659	208.800	BLUE RIVER PKY
Summit	006F	208.800	208.950	US-6
Summit	009D	101.562	102.490	BLUE RIVER PKY
Summit	009D	102.490	102.500	BLUE RIVER PKY at ANNIE RD
Summit	009D	102.500	104.574	BLUE RIVER PKY
Summit	009D	105.694	105.751	BLUE RIVER PKY and 6th Street
Summit	070A	204.986	205.749	I-70

Silverton

County	HWY	From MP	To MP	Street
San Juan	110A	0.000	0.140	Green Street
San Juan	550B	69.928	70.753	US-550

Simla

County	HWY	From MP	To MP	Street
Elbert	024G	353.319	353.592	CARIBOU ST
Elbert	024G	353.592	353.597	CARIBOU ST at WASHINGTON
Elbert	024G	353.597	353.890	CARIBOU ST
Elbert	024G	353.890	353.901	CARIBOU ST at NAVAJO AVE
Elbert	024G	353.901	354.339	CARIBOU ST

Snowmass Village

County	HWY	From MP	To MP	Street
Pitkin	082A	31.929	32.602	CO-82
Pitkin	082A	32.602	32.700	CO-82 at PITKIN IRON
Pitkin	082A	32.700	33.123	CO-82

South Fork

County	HWY	From MP	To MP	Street
Rio Grande	149A	0.000	0.096	CO-149 at COUNTY ROAD 59
Rio Grande	149A	0.096	0.803	CO-149
Rio Grande	149A	0.803	0.902	CO-149 at LANDEN DR
Rio Grande	149A	0.902	2.222	CO-149
Rio Grande	160A	183.797	185.887	US-160
Rio Grande	160A	185.887	185.900	US-160 at SILVER THREAD LN
Rio Grande	160A	185.900	187.300	US-160
Rio Grande	160A	187.300	187.306	US-160 at FOUR SEASONS
Rio Grande	160A	187.306	188.000	US-160

Springfield

County	HWY	From MP	To MP	Street
Baca	287A	28.777	29.759	US-287
Baca	287A	29.759	30.196	MAIN ST
Baca	287A	30.196	30.200	MAIN ST at E 10TH AVE
Baca	287A	30.200	30.700	MAIN ST
Baca	287A	30.700	30.710	MAIN ST at W 3RD AVE
Baca	287A	30.710	30.849	MAIN ST
Baca	287A	30.849	30.874	US-287

Steamboat Springs

County	HWY	From MP	To MP	Street
Routt	040A	128.775	128.931	W US-40
Routt	040A	129.253	129.368	W US-40
Routt	040A	129.368	131.197	LINCOLN AVE
Routt	040A	131.197	131.200	LINCOLN AVE at CONESTOGA CIR
Routt	040A	131.200	132.200	LINCOLN AVE
Routt	040A	132.200	132.208	LINCOLN AVE at 9TH
Routt	040A	132.208	132.588	LINCOLN AVE
Routt	040A	132.588	132.600	LINCOLN AVE at 4TH
Routt	040A	132.600	132.900	LINCOLN AVE
Routt	040A	132.900	135.621	S LINCOLN AVE

Sterling

County	HWY	From MP	To MP	Street
Logan	006J	402.969	403.000	US-6
Logan	006J	403.000	403.008	I-76-BL/US-6
Logan	006J	403.008	403.164	I-76-BL/US-6
Logan	006J	403.238	403.300	I-76-BL/US-6
Logan	006J	403.300	403.315	I-76-BL/US-6 at KOCHIA WAY WEST
Logan	006J	403.315	403.459	I-76-BL/US-6
Logan	006J	403.459	403.474	I-76-BL/US-6 at IRIS DR
Logan	006J	403.474	403.700	I-76-BL/US-6
Logan	006J	403.700	403.857	I-76-BL
Logan	006J	403.857	403.864	S DIVISION AVE at S FRONT ST
Logan	006J	403.864	404.128	S DIVISION AVE
Logan	006J	404.128	404.272	N 3RD ST
Logan	006J	404.272	404.363	N 3RD ST at BEECH ST
Logan	006J	404.363	404.457	N 3RD ST
Logan	006J	404.457	404.554	N 3RD ST at MAIN ST
Logan	006J	404.554	404.707	N 3RD ST
Logan	006J	404.707	406.000	E CHESTNUT ST
Logan	006J	406.000	407.000	I-76-BL/US-6
Logan	006J	407.000	407.020	Chestnut Street
Logan	006Z	0.000	0.080	US-6 at W CHESTNUT ST
Logan	006Z	0.080	0.089	US-6 at N 4TH ST
Logan	006Z	0.089	0.099	US-6 at W CHESTNUT ST
Logan	006Z	0.099	0.100	US-6
Logan	006Z	0.100	0.374	N 4TH ST
Logan	006Z	0.374	0.445	ASH ST
Logan	006Z	0.445	0.580	S DIVISION AVE
Logan	006Z	0.580	0.604	Division Street
Logan	014C	234.774	235.585	CO-14
Logan	014C	235.585	236.097	W MAIN ST
Logan	014C	236.097	236.100	W MAIN ST at N 9TH AVE
Logan	014C	236.100	236.724	W MAIN ST
Logan	014C	236.724	236.734	MAIN ST at DIVISION
Logan	014C	236.734	236.924	MAIN ST
Logan	061A	40.191	40.811	CO-61
Logan	061A	40.811	40.993	CO-61 at LEISURE
Logan	076A	124.049	124.442	I-76
Logan	076A	124.442	124.453	I-76 at 125
Logan	076A	124.453	125.458	I-76
Logan	138A	0.000	0.090	N 3RD ST
Logan	138A	0.090	0.100	N 3RD ST at OAK
Logan	138A	0.100	0.546	N 3RD ST
Logan	138A	0.546	1.130	BROADWAY ST
Logan	138A	1.130	1.810	US-138
Logan	138Z	0.000	0.127	BROADWAY ST
Logan	138Z	0.127	0.614	N 4TH ST

Stratton

County	HWY	From MP	To MP	Street
Kit Carson	024B	436.864	437.035	4TH ST
Kit Carson	024B	437.035	437.200	4TH ST at KANSAS AVE
Kit Carson	024C	437.200	437.453	024C
Kit Carson	057A	0.229	0.302	CO-57
Kit Carson	057A	0.302	0.534	COLORADO AVE

Sugar City

County	HWY	From MP	To MP	Street
Crowley	096C	110.212	110.498	CO-96
Crowley	096C	110.790	110.869	CO-96
Crowley	096C	110.869	110.982	ADAMS AVE
Crowley	096C	110.982	111.000	ADAMS AVE at NEBRASKA
Crowley	096C	111.000	111.323	ADAMS AVE

Superior

County	HWY	From MP	To MP	Street
Boulder	036B	43.212	43.397	US-36
Jefferson	128A	1.524	1.925	CO-128 at W 120TH AVE and CR-25
Jefferson	128A	1.925	2.194	CO-128
Boulder	128A	2.194	2.755	CO-128
Jefferson	128A	2.755	5.211	CO-128
Boulder	128A	5.211	5.245	CO-128
Boulder	170A	5.812	6.727	MARSHALL RD
Boulder	170A	6.727	6.916	MCCASLIN BLVD

Swink

County	HWY	From MP	To MP	Street
Otero	050B	374.259	374.400	US-50
Otero	050B	374.400	374.429	US-50 at 2ND ST
Otero	050B	374.429	374.757	US-50

Thornton

County	HWY	From MP	To MP	Street
Adams	007D	68.541	69.700	CO-7
Adams	007D	69.700	71.835	E 160TH AVE
Adams	025A	218.198	218.435	I-25
Adams	025A	218.435	218.463	I-25 at E 84TH AVE
Adams	025A	218.463	219.400	I-25
Adams	025A	219.400	219.419	I-25 at EXIT 220
Adams	025A	219.419	220.319	I-25
Adams	025A	223.049	223.274	I-25
Adams	025A	223.608	224.000	I-25
Adams	025A	226.067	226.085	I-25
Adams	025A	226.085	226.100	I-25 at E 144TH AVE

Thornton

County	HWY	From MP	To MP	Street
Adams	025A	226.100	227.347	I-25
Adams	044A	3.489	4.300	E 104TH AVE
Adams	044A	4.300	4.302	E 104TH AVE at RIVERDALE
Adams	044A	4.302	4.800	E 104TH AVE
Adams	044A	4.800	4.958	E 104TH AVE at COLORADO BLVD
Adams	128B	14.071	14.113	W 120TH AVE
Adams	470B	41.587	44.069	E-470
Adams	470B	44.194	45.892	E-470
Adams	470B	45.892	45.900	E-470 at 47
Adams	470B	45.900	46.398	E-470

Trinidad

County	HWY	From MP	To MP	Street
Las Animas	012A	69.213	69.720	ROBINSON AVE
Las Animas	012A	69.720	69.883	SANTA FE AVE
Las Animas	012A	69.883	69.900	SANTA FE AVE at STONEWALL AVE GOING EAST
Las Animas	012A	69.900	69.994	SANTA FE AVE
Las Animas	012A	69.994	70.000	SANTA FE AVE
Las Animas	012A	70.000	70.036	SANTA FE AVE at STONEWALL AVE and WILLOW ST
Las Animas	012A	70.036	70.080	STONEWALL AVE
Las Animas	012A	70.080	70.100	STONEWALL AVE at PROSPECT ST - Change Direction North
Las Animas	012A	70.100	70.240	PROSPECT ST
Las Animas	012A	70.240	70.437	HIGHWAY OF LEGENDS
Las Animas	012A	70.437	70.485	University Street
Las Animas	012A	70.485	70.645	NEVADA AVE
Las Animas	012A	70.645	70.833	W MAIN ST
Las Animas	025A	11.013	11.086	I-25
Las Animas	025A	12.087	13.181	I-25
Las Animas	025A	13.181	13.200	I-25 at 13B
Las Animas	025A	13.200	17.728	I-25
Las Animas	160C	344.572	344.588	KIT CARSON TRL
Las Animas	160C	344.588	344.655	KIT CARSON TRL and GODDARD AVE
Las Animas	160C	344.655	344.781	KIT CARSON TRL
Las Animas	160C	345.283	345.443	KIT CARSON TRL
Las Animas	239A	0.000	0.632	CO-239 at INDEPENDENCE
Las Animas	239A	0.632	0.854	CO-239

Two Buttes

County	HWY	From MP	To MP	Street
Baca	116A	12.042	12.189	116A
Baca	116A	12.189	12.199	CO-116 at 5TH
Baca	116A	12.199	12.299	CO-116
Baca	116A	12.299	12.300	CO-116 at MAIN
Baca	116A	12.300	12.555	CO-116

Vail

County	HWY	From MP	To MP	Street
Eagle	070A	172.000	181.838	I-70
Eagle	070A	182.158	182.265	I-70

Vilas

County	HWY	From MP	To MP	Street
Baca	100A	0.000	0.419	CO-100

Vona

County	HWY	From MP	To MP	Street
Kit Carson	024B	429.342	429.837	E NORTH ST
Kit Carson	070P	0.357	0.450	I-70 Spur and I-70
Kit Carson	070P	0.450	0.528	1st Ave

Walden

County	HWY	From MP	To MP	Street
Jackson	014B	34.090	34.451	6TH ST
Jackson	014B	34.451	34.453	6TH ST at at 7TH ST
Jackson	125A	53.129	53.215	CoRoute for 014A
Jackson	125A	53.215	53.400	MAIN ST
Jackson	125A	53.400	53.411	MAIN ST at 5TH ST
Jackson	125A	53.411	53.913	MAIN ST

Walsenburg

County	HWY	From MP	To MP	Street
Huerfano	025A	48.827	49.209	I-25
Huerfano	025A	50.054	50.271	I-25
Huerfano	025C	0.000	0.022	Main Street
Huerfano	025C	0.022	0.101	I-25-BL
Huerfano	025C	0.101	0.103	I-25-BL at 49
Huerfano	025C	0.103	1.153	I-25-BL
Huerfano	025C	1.153	1.724	MAIN ST
Huerfano	025C	1.724	1.757	WALSEN AVE
Huerfano	025C	1.757	1.772	WALSEN AVE at PENNSYLVANIA AVE
Huerfano	025C	1.772	1.848	WALSEN AVE
Huerfano	025C	1.848	1.900	Main Street
Huerfano	025C	1.900	2.400	WALSEN AVE
Huerfano	025C	2.400	2.844	I-25-BL
Huerfano	160A	304.473	304.998	W 7TH ST
Huerfano	160A	304.998	305.000	W 7TH ST at PIONEER
Huerfano	160A	305.000	305.288	W 7TH ST
Huerfano	160A	305.288	305.380	W 7TH ST at S ALBERT ST
Huerfano	160B	305.526	306.084	E 5TH ST
Huerfano	160B	306.129	306.287	E 5TH ST
Huerfano	160B	306.287	306.350	E 5TH ST

Walsh

County	HWY	From MP	To MP	Street
Baca	160C	482.801	483.037	W SANTA FE ST
Baca	160C	483.037	483.321	E SANTA FE ST

Ward

County	HWY	From MP	To MP	Street
Boulder	072B	43.000	43.395	GOLD HILL RD
Boulder	072B	43.395	43.400	CO-72 at HUMBOLDT
Boulder	072B	43.400	43.933	CO-72

Wellington

County	HWY	From MP	To MP	Street
Larimer	001A	9.000	9.792	W CLEVELAND AVE

Westcliffe

County	HWY	From MP	To MP	Street
Custer	069A	57.030	57.900	069A
Custer	069A	57.900	58.483	CO-69
Custer	069A	58.483	58.577	CO-69 at
Custer	069A	58.577	58.774	ROSITA AVE
Custer	069A	58.774	58.900	MAIN ST
Custer	069A	58.900	58.902	MAIN ST at N 3RD ST
Custer	069A	58.902	59.432	CO-69
Custer	096A	0.000	0.315	MAIN ST

Westminster

County	HWY	From MP	To MP	Street
Adams	025A	223.274	223.608	I-25
Adams	025A	224.000	225.082	I-25
Adams	025A	225.082	225.100	I-25 at E 136TH AVE
Adams	025A	225.100	225.715	I-25
Adams	025A	225.715	225.734	I-25 at EXIT 226
Adams	025A	225.734	226.067	I-25
Jefferson	036B	49.406	52.793	US-36
Adams	036B	52.793	55.358	US-36
Adams	095A	11.844	12.190	SHERIDAN BLVD
Jefferson	095A	12.190	12.200	SHERIDAN BLVD at 73RD
Jefferson	095A	12.200	12.867	SHERIDAN BLVD
Jefferson	095A	12.867	12.900	SHERIDAN BLVD at 78TH
Jefferson	095A	12.900	12.903	SHERIDAN BLVD at 79TH
Jefferson	095A	12.903	12.975	SHERIDAN BLVD
Adams	095A	13.383	13.942	SHERIDAN BLVD
Jefferson	095A	13.942	14.376	SHERIDAN BLVD
Jefferson	121A	21.675	21.889	WADSWORTH BLVD
Jefferson	121A	21.889	21.900	WADSWORTH PKY at 90TH

Westminster

County	HWY	From MP	To MP	Street
Jefferson	121A	21.900	22.100	WADSWORTH PKY
Jefferson	121A	22.100	22.115	WADSWORTH PKY at 92ND
Jefferson	121A	22.115	23.342	WADSWORTH PKY
Jefferson	121A	23.342	23.400	W 100TH AVE
Jefferson	121A	23.400	24.680	WADSWORTH PKY
Adams	128B	12.168	13.200	W 120TH AVE
Adams	128B	13.200	13.201	W 120TH AVE at PECOS
Adams	128B	13.201	13.698	W 120TH AVE
Adams	128B	13.698	13.700	W 120TH AVE at HURON
Adams	128B	13.700	13.900	W 120TH AVE
Adams	287C	288.348	289.000	FEDERAL BLVD
Adams	287C	289.000	289.100	FEDERAL BLVD at TURNPIKE
Adams	287C	289.100	289.889	FEDERAL BLVD
Adams	287C	289.889	289.900	FEDERAL BLVD at W 81ST AVE
Adams	287C	289.900	290.771	FEDERAL BLVD
Adams	287C	291.229	291.429	FEDERAL BLVD
Adams	287C	291.477	291.776	FEDERAL BLVD
Adams	287C	291.813	291.837	FEDERAL BLVD
Adams	287C	291.907	292.124	FEDERAL BLVD
Adams	287C	292.779	293.200	FEDERAL BLVD
Adams	287C	293.200	293.206	FEDERAL BLVD at W 108TH AVE and N BRUCHEZ PKY
Adams	287C	293.206	293.744	FEDERAL BLVD
Adams	287C	293.751	294.495	FEDERAL BLVD
Adams	287C	294.495	294.500	FEDERAL BLVD at 119TH
Adams	287C	294.500	294.644	FEDERAL BLVD
Adams	287C	294.644	294.744	W 120TH AVE and FEDERAL BLVD
Adams	287C	294.744	295.700	W 120TH AVE
Adams	287C	295.700	295.701	W 120TH AVE at 121ST and VRAIN ST
Adams	287C	295.701	296.087	W 120TH AVE

Wheat Ridge

County	HWY	From MP	To MP	Street
Jefferson	058A	4.822	4.900	CO-58
Jefferson	058A	4.900	5.627	CO-58 at 265
Jefferson	070A	264.324	268.799	I-70
Jefferson	070A	269.501	269.989	I-70
Jefferson	070A	269.989	270.000	I-70 at HARLAN ST
Jefferson	072A	0.000	0.412	WARD RD
Jefferson	076A	0.264	0.531	I-76 at MARSHALL ST
Denver	076A	0.768	1.069	I-76
Denver	076A	1.069	1.086	I-76 at 52ND
Jefferson	095A	7.096	7.290	SHERIDAN BLVD
Jefferson	095A	7.290	7.300	SHERIDAN BLVD at 29TH
Jefferson	095A	7.300	7.665	SHERIDAN BLVD
Jefferson	095A	7.729	7.795	SHERIDAN BLVD
Jefferson	095A	7.795	7.800	SHERIDAN BLVD at W 35TH AVE
Jefferson	095A	7.800	7.855	SHERIDAN BLVD

Wheat Ridge

County	HWY	From MP	To MP	Street
Jefferson	095A	8.000	8.289	SHERIDAN BLVD
Jefferson	095A	8.289	8.291	SHERIDAN BLVD at W 41ST AVE
Jefferson	121A	14.614	14.619	WADSWORTH BLVD at W 26TH AVE
Jefferson	121A	14.619	16.396	WADSWORTH BLVD
Jefferson	121A	16.396	16.400	WADSWORTH BLVD at 46TH
Jefferson	121A	16.400	16.489	WADSWORTH BLVD
Jefferson	121A	16.489	16.496	WADSWORTH BLVD at W 48TH AVE
Jefferson	121A	16.496	16.678	WADSWORTH BLVD
Jefferson	391A	7.353	8.482	KIPLING ST
Jefferson	391A	8.482	8.500	KIPLING ST at 38TH
Jefferson	391A	8.500	9.090	KIPLING ST
Jefferson	391A	9.090	9.100	KIPLING ST at W 44TH AVE
Jefferson	391A	9.100	9.641	KIPLING ST

Wiggins

County	HWY	From MP	To MP	Street
Morgan	006I	344.276	344.500	CENTRAL AVE
Morgan	006I	344.500	344.590	CENTRAL AVE at AGATE
Morgan	006I	344.590	345.149	CENTRAL AVE
Morgan	006I	346.061	346.310	CENTRAL AVE
Morgan	052A	72.559	72.579	CO-52

Wiley

County	HWY	From MP	To MP	Street
Prowers	287B	88.094	88.394	US-287
Prowers	287B	88.394	88.400	US-287 at 7TH ST
Prowers	287B	88.400	88.506	US-287

Windsor

County	HWY	From MP	To MP	Street
Weld	257A	7.782	8.510	Quintine Ave
Weld	257A	8.510	10.900	CO-257
Weld	257A	10.900	11.000	MAIN ST
Weld	257A	11.000	11.004	MAIN ST at 1ST
Weld	257A	11.004	11.100	MAIN ST
Weld	257A	11.100	11.108	MAIN ST at 2ND
Weld	257A	11.108	11.580	MAIN ST
Weld	257A	11.580	11.600	N 7TH ST and Main St
Weld	257A	11.600	11.893	N 7TH ST
Weld	257A	11.893	11.900	N 7TH ST at CEDAR
Weld	257A	11.900	13.554	N 7TH ST
Weld	257A	13.554	14.541	CO-257
Larimer	392A	100.160	100.260	CO-392
Weld	392A	103.000	103.300	CO-392
Weld	392A	103.300	103.312	CO-392 at COLD CREEK DR
Weld	392A	103.312	103.560	CO-392
Weld	392A	103.560	104.455	MAIN ST
Weld	392B	105.439	105.934	CO-392

Winter Park

County	HWY	From MP	To MP	Street
Grand	040A	228.645	229.490	MAIN ST
Grand	040A	229.490	229.500	MAIN ST at RENDEZVOUS
Grand	040A	229.500	229.650	MAIN ST
Grand	040A	230.237	231.282	MAIN ST
Grand	040A	231.282	231.701	CORONA PASS RD
Grand	040A	231.701	235.291	MAIN ST

Woodland Park

County	HWY	From MP	To MP	Street
Teller	024A	284.461	284.508	W HIGHWAY 24
Teller	024A	284.508	284.822	US-24 is a CoRoute for 067C
Teller	024A	284.822	285.200	US-24
Teller	024A	285.200	285.213	US-24 at N CENTER ST
Teller	024A	285.213	285.278	US-24
Teller	024A	285.278	285.454	E US HIGHWAY 24
Teller	024A	285.454	285.500	E US HIGHWAY 24 at E GRACE AVE
Teller	024A	285.500	285.618	E US HIGHWAY 24
Teller	024A	285.618	286.477	US-24
Teller	024A	286.760	286.930	US-24
Teller	067D	76.920	76.942	CO-67 at WALNUT
Teller	067D	76.942	77.495	CO-67
Teller	067D	77.495	77.500	CO-67 at E COUNTY RD and W COUNTY RD
Teller	067D	77.500	78.488	CO-67
Teller	067D	78.658	79.200	CO-67
Teller	067D	79.200	79.213	CO-67 at SOURDOUGH RD
Teller	067D	79.213	79.852	CO-67

Wray

County	HWY	From MP	To MP	Street
Yuma	034B	249.457	250.181	W 3RD ST
Yuma	034B	250.181	250.200	E 3RD ST
Yuma	034B	250.200	250.201	E 3RD ST at MAIN
Yuma	034B	250.201	250.531	E 3RD ST
Yuma	034B	250.531	250.549	E 3RD ST at ELM
Yuma	034B	250.549	250.600	E 3RD ST
Yuma	034B	250.600	250.606	E 3RD ST at FILBERT
Yuma	034B	250.606	250.771	E 3RD ST
Yuma	385D	242.581	242.995	DEXTER ST
Yuma	385D	242.995	243.000	DEXTER ST at W 8TH ST
Yuma	385D	243.000	243.100	DEXTER ST
Yuma	385D	243.100	243.110	DEXTER ST at 6TH
Yuma	385D	243.110	243.487	DEXTER ST
Yuma	385D	244.538	245.055	US-385

Yampa

County	HWY	From MP	To MP	Street
Routt	131B	42.191	42.363	CO-131
Routt	131B	42.463	42.488	CO-131
Routt	131B	42.488	42.500	CO-131 at 4TH
Routt	131B	42.500	42.655	CO-131

Yuma

County	HWY	From MP	To MP	Street
Yuma	034B	222.366	222.432	US-34
Yuma	034B	222.432	222.516	W 8TH AVE
Yuma	034B	222.516	222.586	W 8TH AVE S HICKORY ST
Yuma	034B	222.586	222.600	W 8TH AVE at S GUM ST
Yuma	034B	222.600	223.083	W 8TH AVE
Yuma	034B	223.083	223.100	W 8TH AVE at MAIN
Yuma	034B	223.100	223.226	W 8TH AVE
Yuma	034B	223.226	223.296	E 8TH AVE
Yuma	034B	223.296	223.300	E 8TH AVE at COLUMBUS
Yuma	034B	223.300	223.576	E 8TH AVE
Yuma	034B	223.576	223.843	W 8TH AVE
Yuma	059B	106.058	107.331	S DETROIT ST
Yuma	059B	107.331	107.943	N DETROIT ST

APPENDIX G – VEHICLE BODY STYLES AND ABBREVIATIONS

Body Styles - Use the one that best describes the vehicle

These descriptions were derived from the Colorado Revised Statutes, the Second College Edition of the American Dictionary, and the Standard Catalog of American Cars.

AM	**Ambulance**	A vehicle equipped to transport the sick and injured.
BU	**Bus**	A large vehicle for carrying passengers.
CP	**Coupe/2D**	A two-door passenger vehicle.
CT	**Camper Trailer**	A wheeled vehicle without motive power, less than 26' long that is pulled and is commonly used for temporary living/sleeping.
CV	**Convertible**	A passenger car with a convertible or removable top
HB	**Hatchback/ Liftback/3D**	A passenger car with a rear lift-gate
LM	**Limousine**	A large passenger vehicle usually driven by a chauffeur and sometimes having a glass partition separating the passenger compartment from the driver's seat.
MC	**Motorcycle**	A vehicle with two wheels in tandem, may sometimes have three wheels.
MH	**Manufactured Home**	A wheeled pre-constructed building unit without motive power commonly used for occupancy by persons.
MT	**Motor Home**	A vehicle built on a truck chassis and designed to serve as self- contained living quarters for travel.
NV	**Neighborhood Electric Vehicle**	A self-propelled electrically powered motor vehicle that has speed attainable in one mile that does not exceed 25 miles per hour.
PK	**Pickup**	A light truck with an open bed
PV	**Passenger Van**	A fully enclosed vehicle (built on a truck chassis) to transport passengers. Has seats throughout; usually has windows in rear compartment.
SD	**Sedan/4D**	A four-door passenger vehicle

SM	**Special Mobile**	A vehicle, self-propelled or without motive power, not machinery designed to carry cargo or passengers and may be moved incidentally over the public highways.
TC	**Trailer Coach**	A wheeled vehicle without motive power, 8' wide or less and over 26' long, equipped as living quarters.
TK	**Truck**	A variety of heavy vehicles designed to carry cargo.
TL	**Trailer**	A wheeled vehicle, without motive power and an empty weight over 2,000 lbs., used to carry a load and pulled by a motor vehicle.
TR	**Tractor**	A motor vehicle designed and used primarily for drawing other vehicles (normally a large trailer) but not constructed to carry a load other than a part of the weight of the vehicle that it pulls. Tractor has a cab only, no bed.
TT	**Truck Tractor**	A motor vehicle designed & used primarily for drawing other vehicles (normally a large trailer) but is constructed to carry a load other than a part of the weight of the vehicle that it pulls. Tractor has a cab and a bed.
TU	**Trailer, Utility**	A wheeled vehicle without motive power and an empty weight less than 2,000 lbs., used to carry a load and pulled by a motor vehicle.
UP	**Utility Passenger**	A vehicle that is used to transport passengers. Owner declares primary usage, AKA SUV (Example: Bronco, Blazer, Cherokee, Land Rover).
UT	**Utility Truck**	A vehicle that is used to transport passengers. Rear seat may be removed to carry cargo. Owner declares primary usage. (Example: Explorer, Bronco, Blazer).
VN	**Truck Van**	A fully enclosed vehicle (built on a truck chassis) to transport cargo. Usually has only one seat & only windows in the passenger compartment back end

.

APPENDIX H – VEHICLE COLORS

Effective July 1, 1999 the primary color of a motor vehicle is required on all NEW title applications for registration. (HB98-1001)

The following abbreviations are used to identify colors:

Abbreviation	Name	Color		Abbreviation	Name	Color
AME	Amethyst			LBL	Light Blue	
BGE	Beige			LGR	Light Green	
BLK	Black			MUL	Multi-colored	NA
BLU	Blue			MAR	Burgundy/Maroon	
BRO	Brown			MVE	Mauve	
BRZ	Bronze			ORG	Orange	
CAM	Camouflage	NA		PNK	Pink	
COM	Chrome			PLE	Purple	
CPR	Copper			RED	Red	
CRM	Ivory/Cream			SIL	Silver	
DBL	Dark Blue			TAN	Tan	
DGR	Dark Green			TEA	Teal	
GLD	Gold			TPE	Taupe	
GRY	Gray			TRQ	Turquoise	
GRN	Green			WHI	White	
LAV	Lavender			YEL	Yellow	

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APPENDIX I – ESTIMATING SPEEDING

The following formulas are included to assist the investigating officer in determining a reasonable estimate of speed for the involved vehicle prior to difficulty, when tire marks are left on the roadway as part of the crash.

When skid marks are present, the formula

$S=\sqrt{30\mathrm{d}f}$

May be used where S = the speed of the vehicle prior to first braking, d = the total distance the vehicle skid (the length of the longest single skid mark) and f = the drag factor of the roadway surface (see the chart on the next page).

Example Straight Skid Mark Calculation:

Conditions:

- Straight skid marks, with the longest one being 100 feet

- Roadway surface is concrete, fairly worn down

- The pavement is dry

- At first guess, the vehicle was traveling at more than 30 MPH

We'll use the formula $S=\sqrt{30\mathrm{d}f}$ and the table below to calculate the speed the car was traveling before it started to skid.

With d = 100, and f = 0.65, we have $\sqrt{30\mathrm{d}f}=\sqrt{30*100*.65}=\sqrt{1950}=44$

If the vehicle went into a "yaw" prior to impact, the formula

$S=3.86\sqrt{\mathrm{R}f}$

May be used where R equals the radius of the "yaw" mark.

Example Yaw Skid Mark Calculation:
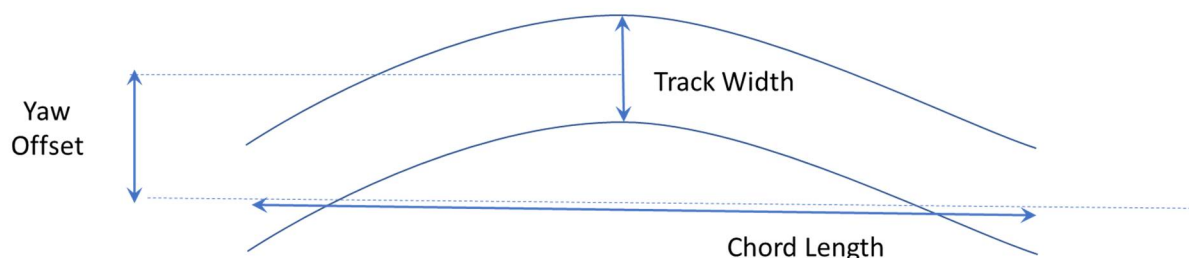
Conditions:

- Yaw skid marks, with

    ➢ Track width is 8 feet, the chord length is 100 feet, and the yaw offset is 20 feet

- Roadway surface is concrete, fairly worn down

- The pavement is dry

- At first guess, the vehicle was traveling at more than 30 MPH

We'll use the formula $S = 3.86\sqrt{Rf}$ and the table below to calculate the speed the car was traveling before it started to skid.

NOTE TO COLORADO TEAM:

> *Based on my web research I think this is more to determine the speed of a car that started to drift as opposed to a car that was came to a stop. This isn't clear in the original manual*
>
> *The whole calculation for R was missing from the original manual.*
>
> *To calculate R, we need (chord length)^2 / (Yaw offset * track width) + Yaw offset /2 - track width /2*
>
> > *= 100 * 100 / (20 * 8) + 20/2 - 8/2*
> >
> > *= 10,000 / 160 + 10 - 4*
> >
> > *= 68.5*
>
> *With R = 68.5 and f = 0.65, we have 3.86√Rf = √68.5*.65 = √44.525 = 25.8*
>
> *BTW, there is an on-line calculator http://www.ohiopd.com/skidmarks.php*

Note: The above listed information regarding determination of speed from tire marks left on the roadway is sufficient for the purpose of this entry on the crash report form. However, by themselves, these calculations should not normally be used for the prosecution of a speed offense.

These formulas are general in nature. An officer should be familiar with each formula and its variations before attempting to use it to estimate speed.

Table 4: Coefficients of Friction of Various Roadway Surfaces

	DRY				WET			
	Less than 30 MPH		More than 30 MPH		Less than 30 MPH		More than 30 MPH	
Description of Road Surfaces	**From**	**To**	**From**	**To**	**From**	**To**	**From**	**To**

PORTLAND CEMENT								
New, Sharp	.80	1.20	.70	1.00	.50	.80	.40	.75
Traffic	.60	.80	.60	.75	.45	.70	.45	.65
Polished	.55	.75	.50	.65	.45	.65	.45	.60
ASPHALT or TAR								
New, Sharp	.80	1.20	.65	1.00	.50	.80	.45	.75
Traveled	.60	.80	.55	.70	.45	.70	.40	.65
Traffic Polished	.55	.75	.45	.65	.45	.65	.40	.60
Excess Tar	.50	.60	.35	.60	.30	.60	.25	.55
GRAVEL								
Packed, Oiled	.55	.85	.50	.80	.40	.80	.40	.60
Loose	.40	.70	.40	.70	.45	.75	.45	.75
CINDERS								
Packed	.50	.70	.50	.70	.65	.75	.65	.75
ROCK								
Crushed	.55	.75	.55	.75	.55	.75	.55	.75
ICE								
Smooth	.10	.25	.07	.20	.05	.10	.05	.10
SNOW								
Packed	.30	.55	.35	.55	.30	.60	.30	.60
Loose	.10	.25	.10	.20	.30	.60	.30	.60

Crash Investigation Formulas

Energy Loss Formula:

$$S = \sqrt{30 d f_a}$$

S=speed

d=distance

f_a=adjusted coefficient of friction

Can be used to calculate minimum speed of a vehicle at the beginning of a skid mark as well as the minimum speed of a vehicle when it starts to roll

Adjusted Coefficient of Friction Formula:

$$f_a = \mu n \pm m$$

fa=adjusted coefficient of friction

μ=level coefficient of friction

n=braking efficiency

m=slope

Slope Formula

$$m = \frac{rise}{run}$$

m=tan θ

θ=tan-1(m)

Combined Speed Formula

$$S = \sqrt{S_1{}^2 + S_2{}^2 + S_3{}^2 + ...}$$

Used to find minimum speed of vehicle traveling over multiple surfaces

Yaw Mark Formulas:

$$R = \frac{C^2}{8m_o} + \frac{m_o}{2}$$

R=Radius

C=Chord

m_o=middle ordinate

Chord and middle ordinate must be in the same units

$$S = 3.86\sqrt{R(f \pm m)}$$

R=Radius (calculated from previous formula)

f=level coefficient of friction

m=slope

The braking efficiency will always be 100% on a yaw

Speed and Velocity

$$S = \frac{Velocity}{1.466} \quad \text{(Speed is in mph)}$$

V=(1.466)x S   (Velocity is in ft/s)

Drag Sled Formulas

$$f = \frac{F}{W}$$

f=coefficient of friction

F=Force (Required to pull drag sled)

W=Weight of drag sled

7 pulls is optimal; add up the Force of the pulls and divide by # of pulls to find Force

Nine Classes of Hazardous Materials

Class 1 Explosives
Divisions: 1.1, 1.2, 1.3, 1.4, 1.5, 1.6

1.4 EXPLOSIVES 1

EXPLOSIVES 1 — 1.5 BLASTING AGENTS 1

1.6 EXPLOSIVES 1

POISON 6

PG III 6 — INHALATION HAZARD 6

HARMFUL 6

**Class 6 Poison (Toxic) &
Poison Inhalation Hazard**

Class 2 Gases
Divisions: 2.1, 2.2, 2.3

OXYGEN 2

NON-FLAMMABLE GAS 2 — FLAMMABLE GAS 2

INHALATION HAZARD 2

**Class 3 Flammable Liquid
and Combustible Liquid**

GASOLINE 3

FLAMMABLE 3 — COMBUSTIBLE 3

FUEL OIL 3

RADIOACTIVE 7

Class 7 Radioactive

**Class 4 Flammable Solid,
Spontaneously Combustable
& Dangerous When Wet:**
Divisions: 4.1, 4.2, 4.3

FLAMMABLE SOLID 4 — DANGEROUS WHEN WET 4

SPONTANEOUSLY COMBUSTIBLE 4

CORROSIVE

Class 8 Corrosive

**Class 5 Oxidizer
& Organic Peroxide**
Divisions 5.1 & 5.2

ORGANIC PEROXIDE 5.2

OXIDIZER 5.1

9

**Class 9
Miscellaneous**

DANGEROUS

Dangerous

Reporting Hazardous Materials Information

ACCURATE REPORTING SAVES LIVES

Data you collect is used to calculate risk assessment, determine response methods and develop regulations. Vehicles carrying hazardous materials are required to carry shipping papers containing the HM Class and ID number (or name). Your Accident or Collision Report/Supplement may ask the following hazardous materials questions (exact wording will vary by state):

Some Common Placards:

1. DOES THE VEHICLE HAVE A HAZARDOUS MATERIALS PLACARD?
YES ● NO ○

Placards should be on all four sides of the vehicle. Freight containers, box trailers, etc. that have bulk containers inside will not have the ID number on the outside of the trailer but on the bulk container itself.

2. ENTER THE FOUR-DIGIT NUMBER (OR NAME) FROM THE PLACARD 1 9 9 3

The four-digit number may be on an orange panel or a white "square-on-point" panel. If no four-digit number appears on the placard, enter the Placard Name.

1075   1760

3. ENTER THE HAZARDOUS CLASS NUMBER ON BOTTOM OF PLACARD 3

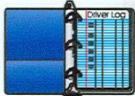The Class Number can be a one- or two-digit number with a decimal in the middle. 5.1 It is critical for identifying and studying various types of Hazardous Materials involved in traffic crashes.

4. WAS HAZARDOUS CARGO RELEASED? YES ● NO ○
The intent of this question is to determine whether any of the placarded material was released or escaped from its transport container into the environment. Fuel or oil carried by the vehicle for its own use is NOT considered cargo and should not be reported in this section.

HOW TO FIND THE RESPONSIBLE CARRIER AND CORRECT U.S. DOT

SIDE OF THE VEHICLE
This is good for most of the cases for name and number. Look for a number preceded by the letters: USDOT

DON'T STOP....keep on moving ...
The information on the side of the truck may not be the U.S. DOT #, name or address of the responsible motor carrier.

DRIVER INTERVIEW:
1. Is the vehicle leased or rented?
2. Who is the motor carrier responsible for this load?
3. Who is directing and controlling the movement of this vehicle?
4. Where is the motor carrier's principal place of business?

LEASE AGREEMENT identifies the name of the lessee and the U.S. DOT #.

DRIVER'S LOG contains the name of the motor carrier, city and state for the principal place of business.

SHIPPING PAPERS provide the name of the motor carrier responsible for the load.

NOTE: **VEHICLE REGISTRATION:** Generally good for identifying owner or registrant. <u>CAREFUL</u>: This may not be the responsible carrier!

HOW TO FIND THE RESPONSIBLE CARRIER AND CORRECT U.S. DOT

EXAMPLE 1:
John Smith owns his own truck tractor, operating under John Smith Trucking. He contracts with White Manufacturing to take one of its trailers loaded with its goods from New York to Los Angeles.

Who is the Motor Carrier:
A. John Smith?
B. White Manufacturing?

> John Smith is the motor carrier because he is the entity that has agreed to carry this particular load.

EXAMPLE 2:
John Smith, driving his truck tractor utilizes a cargo broker, K&S Trucking, to obtain goods from Intermodal Inc. shipping company for his return trip to New York.

Who is the Motor Carrier:
A. John Smith?
B. K&S Trucking?
C. Intermodal Inc.?

> On the return trip, John Smith is again the carrier.

EXAMPLE 3:
John Smith, driving his truck tractor, leases his services to Polyester Chemical Company. Polyester directs Smith to deliver a semi-trailer from New York to St. Louis.

Who is the Motor Carrier:
A. John Smith?
B. Polyester?

> In this case, Polyester is the motor carrier because it told Mr. Smith to take the particular load.

EXAMPLE 4:
John Smith is driving a tractor/semi-trailer owned by ABC Trucking.

Who is the Motor Carrier:
A. John Smith?
B. ABC Trucking?

> Both the tractor and semi-trailer are owned by ABC Trucking, so they are the motor carrier.

EXAMPLE 5:
John Smith is driving a tractor owned by ABC Trucking which has been leased to XYZ Trucking. XYZ uses the tractor to pull XYZ trailers in its regular shipping service.

Who is the Motor Carrier:
A. John Smith?
B. ABC Trucking?
C. XYZ Trucking?

> In this case, XYZ is the carrier because XYZ is directing the carrying of the load.