
MPD Crash Data
Additional Assets Required
(Draft)

VERSION HISTORY

Version #	Documented	Revision Date
DR-1.0	KLS Engineering, LLC	09/01/2017
DR-1.1	KLS Engineering, LLC	12/20/2017

Additional Assets Required:

CRASH

**Non-MMUCC: DispatchID / NA - High Priority

- Require - UCC No. starting with F. This is required to meet future MMUCC standards.

VEHICLE

**Sequence of events of every vehicle involved in crash - High Priority

Require - the sequence of events every vehicle had which was involved in the crash.

V_New1: Bicycle Type - High Priority

- Introduce new variable for Bicycle Type:
 - Private
 - Rented
- If Officer chooses Bicycle Type as “Rented”: Below are the options for the officer to select to be provided
 - Capital Bike Share
 - Lime
 - Ofo
 - Mobike
 - Spin
 - Jump
 - Other

V_New2: Motorcycle / Scooter Engine Size - Medium Priority

- Introduce new variable for Motorcycle Engine Size:
 - Less than 100cc
 - 100 - 249cc
 - 250 - 499cc
 - 500 - 749cc
 - Greater than 750cc

V_New4: Years Riding Total - Low Priority

- Introduce new variable for Years Riding Total:
 - < 1
 - 1 - 5
 - > 5

V_New5: Time Riding Prior to Crash - Low Priority

- Introduce new variable for Time Riding Prior to Crash:
 - < 60 mins
 - 1 - 2 hrs
 - 2 - 4 hrs
 - > 4 hrs

V_New6: Agency Name - High Priority

- Add new asset “Agency Name” in the vehicle details to identify the agency level details of the vehicle if any.
- Below are 3 examples of different ways the officers have written the agency names previously. It is thus difficult to assess DC agency involvement, track, and monitor safety performance of city owned fleets as requested by Vision Zero.
 - **WMATA** - W M A T A, W.M.A.T.A. - DC Government, W.M.A.T.A./METRO, WASHINGTON METROPOLITAIN TRANSIT AUTHOR, etc.
 - **DDOT** - DEPT OF TRAN, Department Of transportation, department of transportation, etc.
 - **FEMS** - FIRE, EMS, DCFD, d c f d, etc.
- Below is a suggestion, to incorporate a dropdown list of pre-populated different agency types and corresponding agency names, where an officer will be able to choose, instead of typing in the name which saves time and allows for easier analysis, improves accuracy/consistency.

Agency_Type Code	Agency_Type	Agency_Name	
1	DC Agencies	MPD	
		FEMS	
		DPW	
		DCPS	
		DDOT	
		OCME	
		SCDC	
		OCTO	
		DOH	
		DMV	
		Other	The Other option has to be written in.
2	WMATA	Metro	
		Transit	
		Other	The Other option has to be written in.
3	Rental Cars	Alamo	
		Avis	
		Acme	
		All Car	
		Budget	
		Car2Go	
		Dollar	
		Enterprise	
		Hertz	
		National	
		Sunbelt	
Thrifty			
Triangle			

		Zipcar	The Other option has to be written in.
		Other	
4	Vehicles for Hire		
		Allied	
		American Cab	
		Barwood	
		Black Pearl	
		Blue Bird	
		Challenger	
		Checker	
		Classic	
		Congressional	
		Crown	
		Capitol	
		Dart	
		DC Flyer	
		Dial	
		Diamond	
		District	
		Dulles Airport Taxi	
		Elite	
		Empire	
		Essence	
		Executive	
		Federal	
		Five Star	
		Grand	
		Icon	
		Independent	
		Iron	
		Imperial	
		Luxury	
		Lyft	
		Meritt	
		Metopolitan	
		Midway	
		National	
		Paramont	
		Pleasant	
		Red Top	
		Reliable	
		Silver	
		Sky	
		Star	

		Sun	
		Uber	
		Union	
		Washington	
		Yellow	
		Other	The Other option has to be written in.
5	Federal agencies	Check OCTO	
6	Bike share rented	Capital Bike Share	
		Ofo	
		Mobike	
		Spin	
		Jump	
		Other	The Other option has to be written in.
7	Other		The Other option has to be written in.

ROADWAY DATA ELEMENTS

RL12: Pavement Markings - **DDOT Will provide MPD with any Layer Specifics if the field is to be added - Medium Priority**

- Introduce new/additional variables for Pavement Markings:
 - Edgeline Presence/Type
 - No Marked Edgeline
 - Standard Width Edgeline
 - Wide Edgeline
 - Other
 - Centerline Presence/Type
 - No Marked Centerline
 - Standard Centerline Markings
 - Centerline With Centerline Rumble Strip
 - Lane Line Markings
 - No Lane Markings
 - Standard Lane Line
 - Wide Lane Line
 - Crosswalk Markings
 - Marked Crosswalks at Uncontrolled Crossings
 - High-Visibility Crosswalks
 - In-Street Signs

RL12a: Pavement Markings Conditions - **Low Priority**

- Introduce new/additional variables for Pavement Markings Conditions (this is triggered when the officer selects pavement markings from RL12 above):
 - Excellent
 - Good
 - Faded
 - Missing/Discontinuous
 - Other

RL13: Presence/Type of Bicycle Facility - **DDOT Will provide MPD with any Layer Specifics if the field is to be added - Medium Priority**

- Introduce new/additional variables:
 - Facility Type
 - None
 - Wide Curb Lane
 - Marked Bicycle Lane
 - Shared Bicycle Facility “Sharrows”
 - Unmarked Paved Shoulder
 - Separate Bicycle Path/Trail
 - Unknown
 - Signed Bicycle Route
 - Yes
 - No
 - Unknown
 - Not Applicable