FEATURE 258
STRUCTURES

Roadway Side	Allows Tie	LRS Package	Feature Type	Interlocking	Secured
C/R/L	No	No	Length	No	Yes
Responsible Party for Data Collection	District Planning				

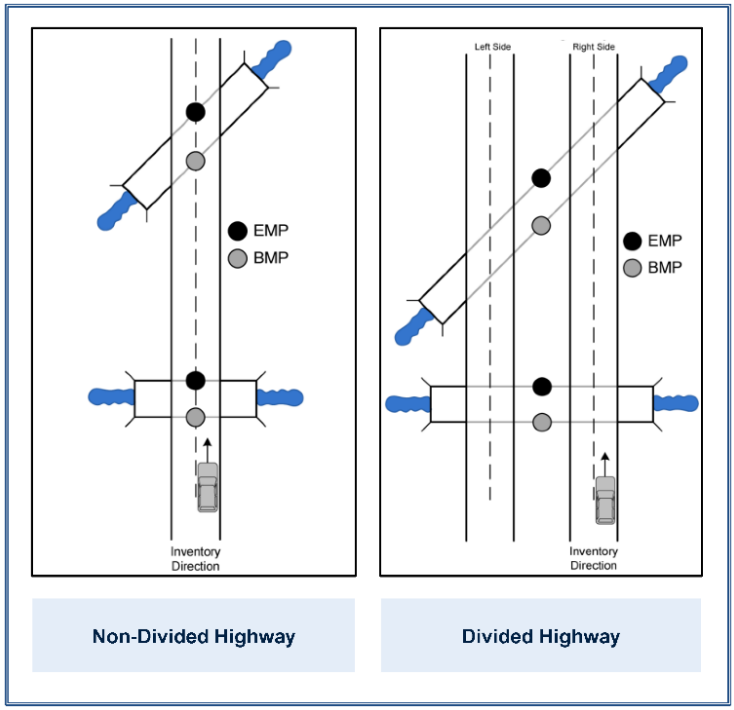
BOXCULNO | BOX CULVERT NUMBER

HPMS	MIRE	Who/What uses this Information	Required For	Offset Direction	Offset Distance
4		TDA, Districts, Work Program, Maintenance Offices, Structures and Safety Office	All roadways.	N/A	N/A

Definition/Background: Box culverts are embedded in the ground. You never drive directly on top it. If you are driving on top of it, then it is a bridge, therefore collect it under BRIDGENO.

How to Gather this Data: Record the box culvert number, generally found on the right end of the wall.

On a divided highway, milepoints are located in the median. Driving on the right side of the roadway in the outside lane in the inventory direction, look left towards the median to collect the milepoint. Do not drive in the median to collect milepoints.



Special Situations: If the total opening measured at the extreme ends for multiple boxes is 20 feet or more, then record the box culvert structure number. If the number is not posted on the top of the right end wall, the structures office in each District can provide the number.

Value for Box Culvert Number: 6 Bytes: XXXXXX—Record structure number

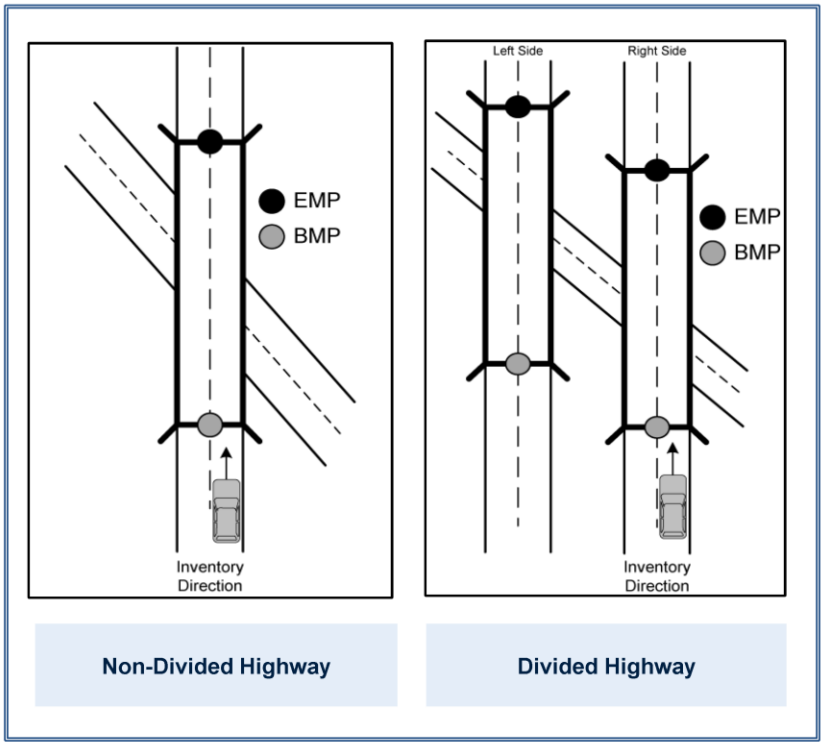
BRIDGENO | BRIDGE NUMBER

HPMS	MIRE	Who/What uses this Information	Required For	Offset Direction	Offset Distance
4	109	TDA, Districts, Work Program, Maintenance Offices, Structures and Safety Office	All roadways.	N/A	N/A

Definition/Background: ***335.074, F.S.*** defines bridges as the following: Bridges are defined as having an opening measured along the center of the roadway of more than 20 feet between:

1. Undercopings of the abutments or
2. Spring lines of arches or
3. Extreme ends of openings for multiple boxes

"and those bridges consisting of multiple pipes where the clear distance between openings is less than half of the smaller contiguous opening."



How to Gather this Data: If you can drive over this bridge on the roadway being inventoried, and it is not a box culvert spanning less than 20 feet along the direction of travel, code the bridge number shown on the structure.

Special Situations: If you are on the second level of a three or more level interchange, code the bridge you are driving on as the bridge number.

Value for Bridge Number: 6 Bytes: XXXXXX—Record structure number

TUNNELNO | TUNNEL NUMBER

HPMS	MIRE	Who/What uses this Information	Required For	Offset Direction	Offset Distance
4		TDA, Districts, Work Program, Maintenance Offices, Structures and Safety Office	All roadways.	N/A	N/A

Definition/Background: Tunnels are enclosed (except at an entrance and exit) structures or passageways which go underground, under surface, below a roadway or waterway.

How to Gather this Data: Record the tunnel number and the facility crossed (FACCROSS).

Reference AASHTOWare BrM report for structure design type if necessary for the tunnel number.

Value for Underpass Number: 6 Bytes: XXXXXX—Record the structure number for the tunnel.

Henry E. Kinney Tunnel
(Ft. Lauderdale)

Port of Miami Tunnel
(Miami)

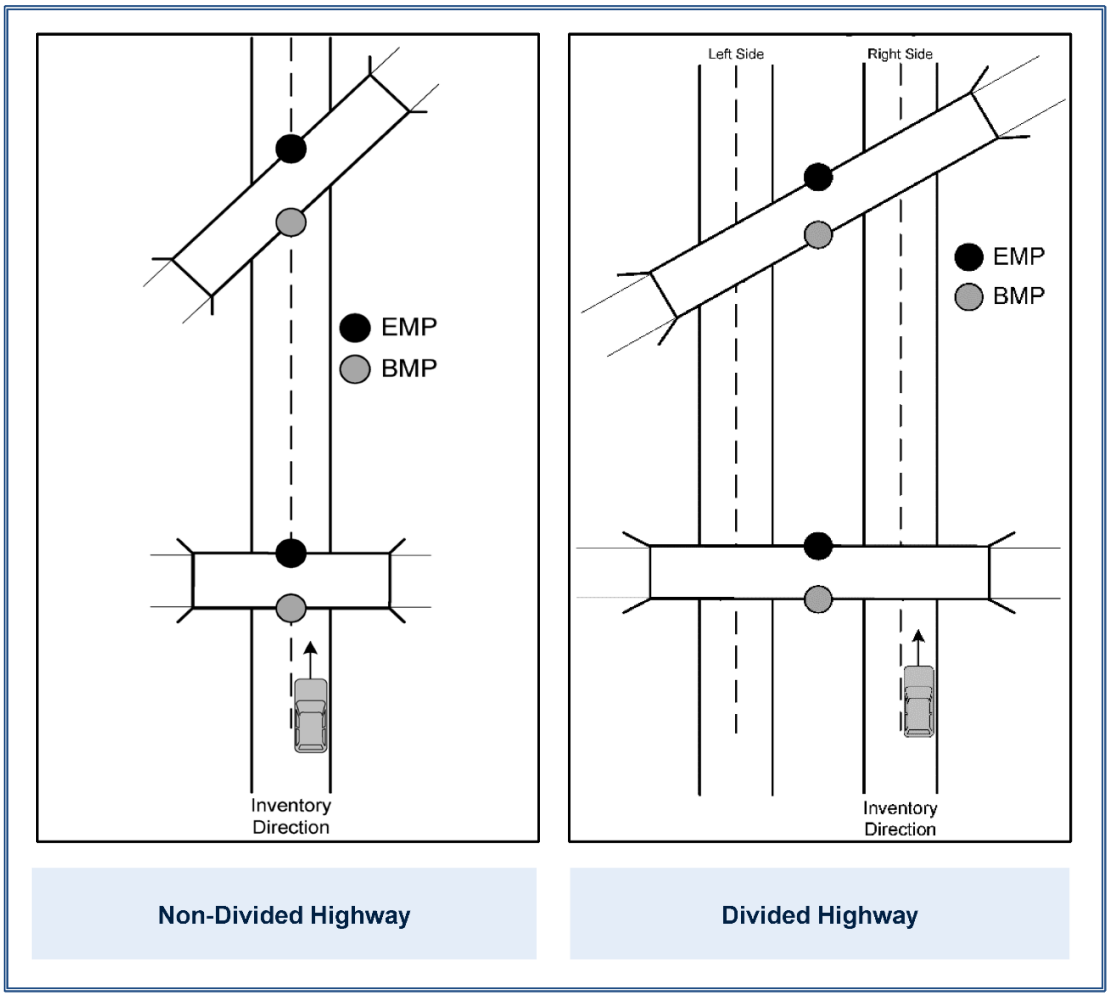
UNDPASNO | UNDERPASS NUMBER

HPMS	MIRE	Who/What uses this Information	Required For	Offset Direction	Offset Distance
		TDA, Districts, Work Program, Maintenance Offices, Structures and Safety Office	All roadways.	N/A	N/A

How to Gather this Data: Record the underpass number. If you can drive under a structure while on the roadway being inventoried, code the overhead structure as an underpass.

On a divided highway, milepoints are located in the median. Driving on the right side of the roadway in the outside lane in the inventory direction, look left towards the median to collect the milepoint. Do not drive in the median to collect milepoints.

Value for Underpass Number: 6 Bytes: XXXXXX—Record 6-digit underpass number



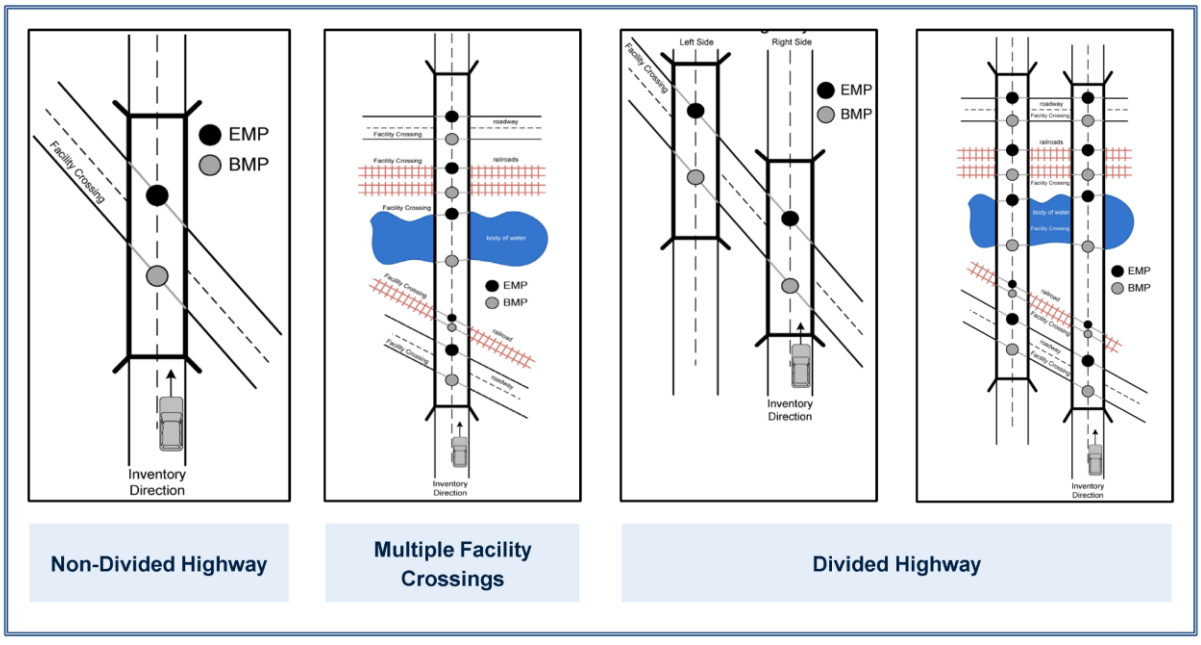
FACCROSS | FACILITY CROSSED

HPMS	MIRE	Who/What uses this Information	Required For	Offset Direction	Offset Distance
	169, 170, 171	TDA, Districts, Work Program, Maintenance Offices, Structures and Safety Office	All structures.	N/A	N/A

Definition/Background: This is the name of the roadway, railroad, body of water, or general description of the facility that crosses under or over a structure.

The intent of this characteristic is not to record the dimensions of the facilities being crossed. It is to reflect the names of the facilities and their approximate locations only.

How to Gather this Data: Code the names of the facilities, such as roadway, railroad, body of water, or general description of the facility which cross under or over the structure. Collect the BMP and EMP where the facility exists, not at the same BMP and EMP of the structure.

Special Situations: If the facility is not named, code as "unnamed." Only one facility is represented for a given milepoint range. RCI does not allow overlapping milepoints for this characteristic.

Value for Name of Facility Crossed: 20 Bytes: XXXXXXXXXXXXXXXXXXXX