FEATURE 452
SYMBOLS AND MESSAGES

Roadway Side	Allows Tie	LRS Package	Feature Type	Interlocking	Secured
R/L	No	No	Total	No	Yes
Responsible Party for Data Collection	District Office of Maintenance				

Definition/Background: Lists the area in square feet of crosshatching, curb marking, number of arrows or letters, and radius marking.

If the below characteristics are located at a rest area, ramp, or other applicable sub-section, they are to be inventoried against the applicable sub-section number.

CRSHATCH | CROSSHATCHING AREA

HPMS	MIRE	Who/What uses this Information	Required For	Offset Direction	Offset Distance
N/A	N/A	Maintenance Offices	All Active On and Active Exclusive roads, including managed lanes.	N/A	N/A

How to Gather this Data: Code the amount of square feet of material used in crosshatched areas within each one-mile increment along the roadway. Code the perimeter of the crosshatched area in addition to the hatch marks. Separate entries are required for the right and the left side of the roadway. For consistency, record all median crosshatching to the right.

Crosshatching areas include gore areas for traffic channelization or separation (Indexes 17345 and 17346), lane drop transitions (Index 17346), and painted medians (Index 17346).

If the painted line bordering a crosshatched area is wider than 6 inches, placed with small machine application, it should be recorded as a radius marking.

Value for Crosshatching Area Square Feet: 4 Bytes: XXXX

Traffic Separation

Painted Median

Shoulder

CURBMARK | CURB MARKING AREA

HPMS	MIRE	Who/What uses this Information	Required For	Offset Direction	Offset Distance
N/A	N/A	Maintenance Offices	All Active On and Active Exclusive roads, including managed lanes.	N/A	N/A

How to Gather this Data: Code the amount of square feet of material used in curb marking areas within each one-mile increment along the roadway. Separate entries are required for the right and the left side of the roadway. For consistency, record all curb marking in the median to the right.

Value for Curb Marking Area Square Feet: 4 Bytes: XXXX

Painted Bullnose

PNTARROW | NUMBER OF ARROWS

HPMS	MIRE	Who/What uses this Information	Required For	Offset Direction	Offset Distance
N/A	N/A	Maintenance Offices	All Active On and Active Exclusive roads, including managed lanes.	N/A	N/A

How to Gather this Data: Code the number of arrows along the roadway for each one-mile increment. Each arrowhead will be counted as one; double arrowheads will be counted as two. Separate entries are required for the right and the left sides of the roadway.

Bike lane arrows should be counted as one for two in the field. (i.e., If you have 12 arrows in the bike lane, you count 6 for RCI input.) If you have an odd number of bike lane arrows, round up. (i.e., If you have 15 arrows in the bike lane, you count 8 for RCI input)

Value for Number of Arrows: 2 Bytes: XX

PNTLETTR | NUMBER OF LETTERS

HPMS	MIRE	Who/What uses this Information	Required For	Offset Direction	Offset Distance
N/A	N/A	Maintenance Offices	All Active On and Active Exclusive roads, including managed lanes.	N/A	N/A

How to Gather this Data: Code the number of painted symbol letters separately on the right and left side of the roadway within each one-mile increment.

Bike lane letters should be counted as one for two in the field. (i.e., if you have 12 letters in the bike lane, you count 6 for RCI input). If you have an odd number of bike lane letters, round up. (i.e., if you have 15 letters in the bike lane, you count 8 for RCI input).

Value for Number of Letters: 2 Bytes: XX

RADIUSMK | RADIUS MARKING AREA

HPMS	MIRE	Who/What uses this Information	Required For	Offset Direction	Offset Distance
N/A	N/A	Maintenance Offices	All Active On and Active Exclusive roads, including managed lanes.	N/A	N/A

How to Gather this Data: Code the amount of square feet of material used along the roadway within each one mile that is placed with small machine applicators and not inventoried elsewhere. May include parking area end caps, weigh stations, rest areas, bike lane markings, HOV symbols, handicapped parking symbols, or bike boxes.

Interstate exit numbers and letters are on average 16.2 square feet per number or letter including background and should be recorded to the nearest whole foot. For consistency, record numbers or combinations of number(s) and letter(s) as:

1 = 16 sq ft 2 = 33 sq ft 3 = 49 sq ft 4 = 65 sq ft

Value for Radius Area Square Feet: 4 Bytes: XXXX

EXAMPLES

Turkey Tracks

Perpendicular to Roadway

Parking End Cap

Stride Markings

Bike within Arrow

Diamond = 11 SQ FT
Cyclist = 5.4 SQ FT

2 SQ FT per Triangle

1 = 72 SQ FT

2 = 33 SQ FT

3 = 49 SQ FT

4 = 65 SQ FT