FEATURE 245
ROADSIDE DITCHES

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

Definition/Background: French drains are used to remove below surface water. Paved ditches are used to protect against erosion and/or swift moving water. Storm sewers are used in place of roadway side ditches in urban areas. Trunk line ditches are used to transfer water collected from lateral lines to a particular destination like retention area or outfall ditch.

Notes the type of roadway side ditch along the roadway. List the ditches maintained by the Department along the roadway.

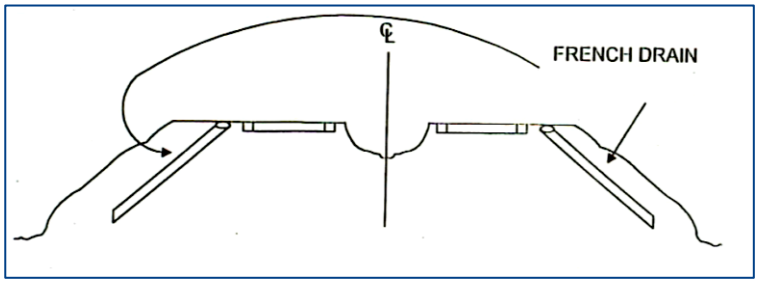
Crossdrains and laterals should be inventoried as STMSWLEN, storm sewers, in curb and gutter sections. Lateral drains are considered as any crossdrain or connector pipes in a positive enclosed drainage system and not inventoried by others in curb and gutter sections.

Do not include in RCI old paved ditches that are functioning and are not being maintained on a regular basis. Ditches that are not in the RCI system will not be rated by MRP. 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.

*PAVDTLEN and STMSWLEN may be used to inventory equalizer ditches and pipes at berm ditches. Total length will be shown.

FRDRNLEN | FRENCH DRAIN ROADSIDE DITCH LENGTH

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 miles of French drainpipes, this information is usually obtained from the construction drawings or plans. The length of each installation is measured from the edge of the pavement to the end location on the unpaved shoulder or front slope and then the total length of all such locations within a given mile should be added together and converted to miles. Separate entries are required for right and left sides of the roadway.

Value for French Drain Roadside Ditch Length: 4 Bytes: X.XXX

PAVDTLEN | PAVED ROADSIDE DITCH LENGTH

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 miles of paved ditches. Separate entries are required for right and left sides of the roadway.

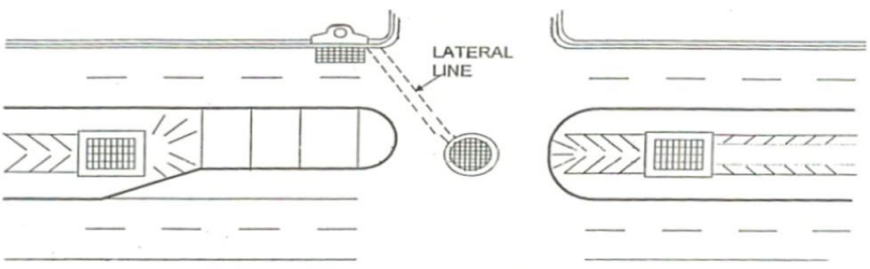
Value for Paved Roadside Ditch Length: 4 Bytes: X.XXX

STMSWLEN | STORM SEWER ROADSIDE DITCH LENGTH

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

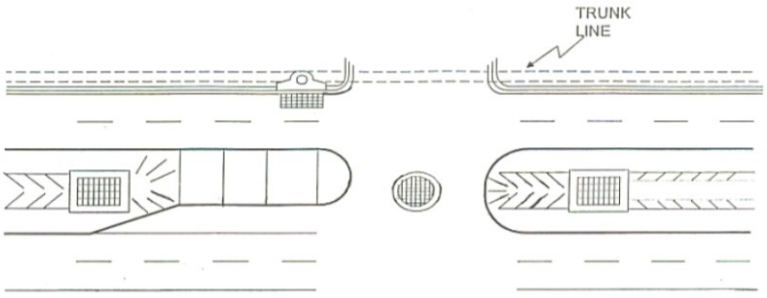
How to Gather this Data: Code the miles of storm sewer pipes in connection with roadway drainage. This would include lateral drains, lines crossing the roadway, and side drains, lines that parallel the roadway and are usually under side streets, but would exclude piped turnouts covered under Feature 256. Separate entries are required for right and left sides of the roadway.

Value for Strom Sewer Roadside Ditch Length: 4 Bytes: X.XXX



TRKLNLEN | TRUNK LINE ROADSIDE DITCH LENGTH

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 miles of trunk line pipes. Separate entries are required for right and left sides of the roadway.

Value for Trunk Line Roadside Ditch Length: 4 Bytes: X.XXX