FEATURE 421
ROADSIDE DITCH CLEANING

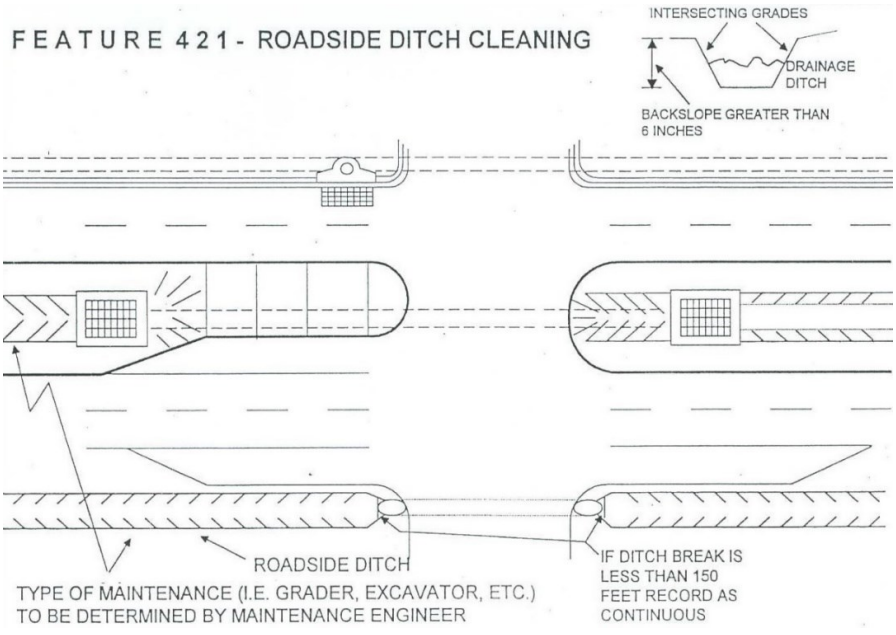
Roadway Side	Allows Tie	LRS Package	Feature Type	Interlocking	Secured
R/L	No	No	Total	No	Yes
Responsible Party for Data Collection	District Office of Maintenance				

Definition/Background: A roadside ditch stores runoff water or removes it by channelization to a discharge point. Water that is stored at pervious locations will be removed through infiltration, while at impervious locations; the water will be removed through evapotranspiration. Channelization of the water will usually run parallel to the roadway until it is possible to discharge into lands or surface water bodies adjacent to highway rights-of-way.

Notes the number and length of roadside ditches along the roadside. More importantly, this feature notes the type of equipment used to clean the roadside ditch excavator and the roadside canals dragline. A ditch is two intersecting grades, holds or carries water, has a back slope of 6 inches or greater and is maintained on a regular frequency. Grader cleaned ditches are computed as a factor of shoulder miles in the RCICIA program.

Special Situation: Permitted storm water sites that are designed to retain silt material or are built with specialized under drain will not be included in ditch measurements. Ditches will have to be broken at locations where the length of the treatment area exceeds 150 feet. This would include sites containing ditch blocks, gravel treatment areas, and concrete weirs.

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.



RDCANALS | NUMBER OF ROADSIDE CANALS

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 total number of roadside canals between a beginning milepoint and an ending milepoint maintained by dragline, adjacent to the roadway.

Value for Number of Roadside Canals: 1 Byte: X

NOTE: In the past, a dragline was used on these type of roadway canals but using an excavator or a grader is now more efficient. This characteristic is rarely used due to limitations on its presence along the roadway.

RDITEXCA | NUMBER OF ROADSIDE DITCHES (EXCAVATOR)

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 total number of roadway ditches between a beginning milepoint and an ending milepoint maintained by excavator, adjacent to the roadway.

Value for Number of Roadside Ditches: 1 Byte: X