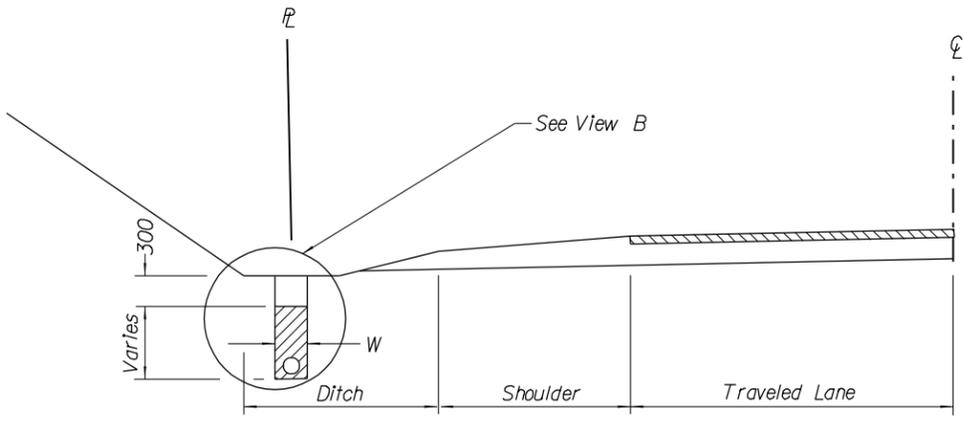
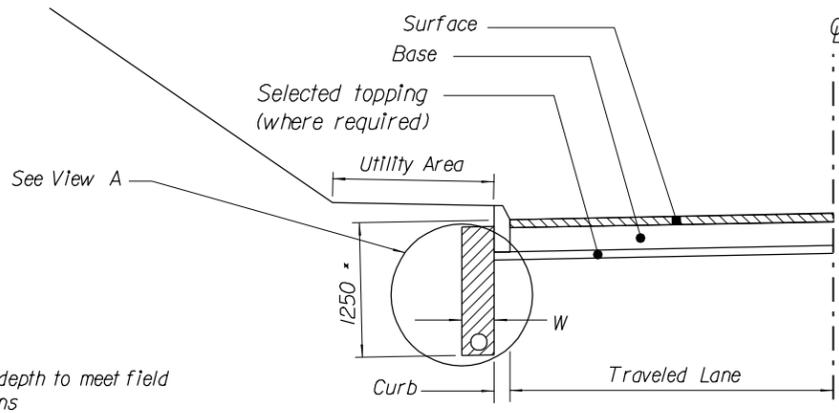


SHOULDER

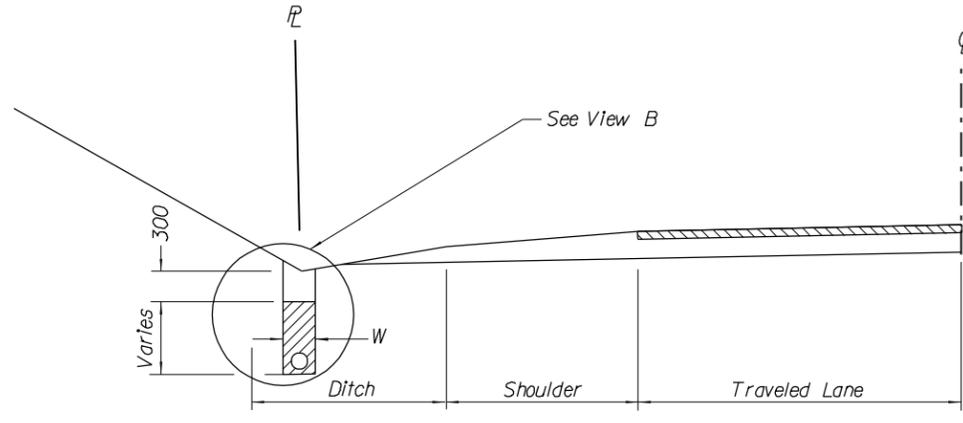


FLAT BOTTOM DITCH

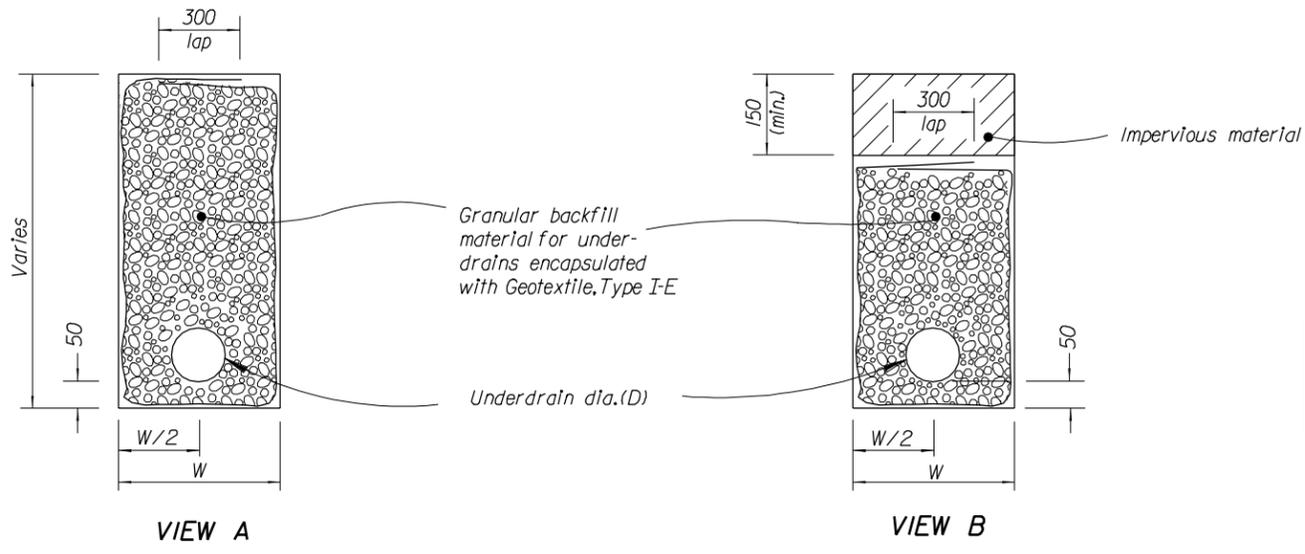


CURB AND GUTTER

* Adjust depth to meet field conditions



VEE DITCH



DIAMETER (D)	MINIMUM WIDTH (W)
100	300
150	375

NOTES:

1. Unless otherwise shown, dimensions are in millimeters.
2. Location of pipe underdrains may be adjusted by the CO.
3. Minimum underdrain grade is 0.5 percent.

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION

METRIC DETAIL

**UNDERDRAIN, FOR
 PAVEMENT AND DITCHES**

DETAIL APPROVED FOR USE ---/---/---

REVISOR: 07/98

DETAIL
 EM605-01