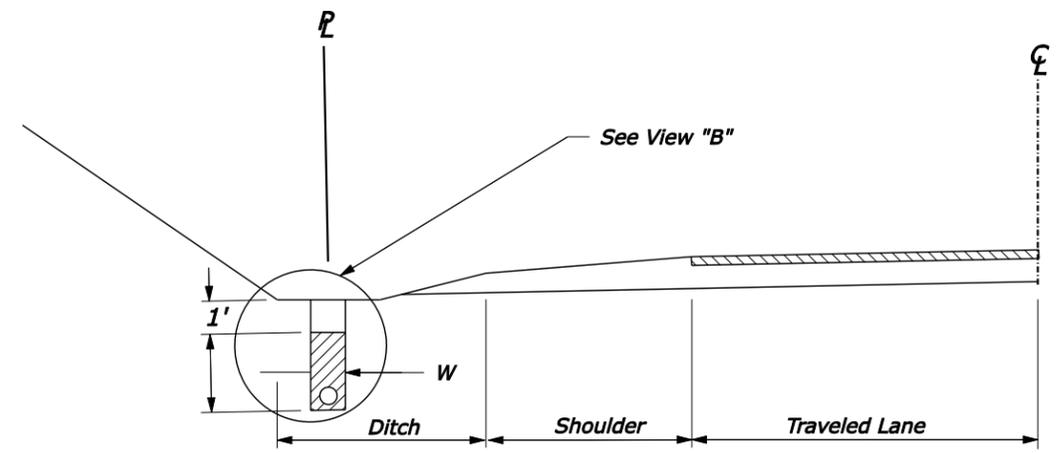
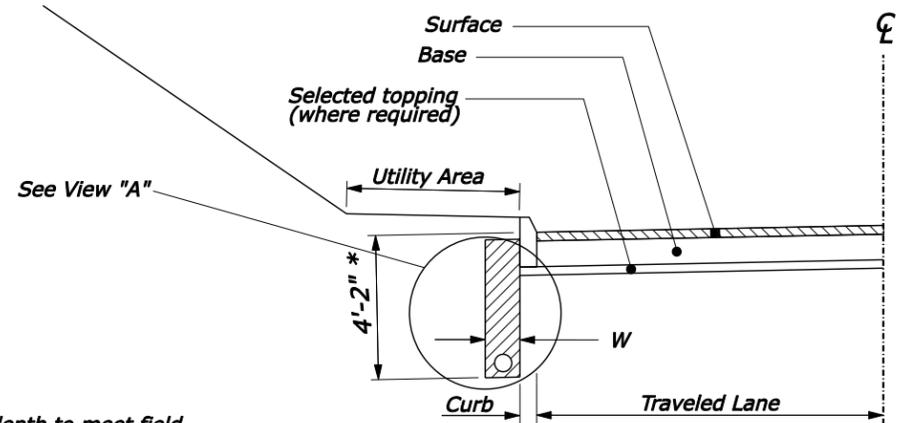


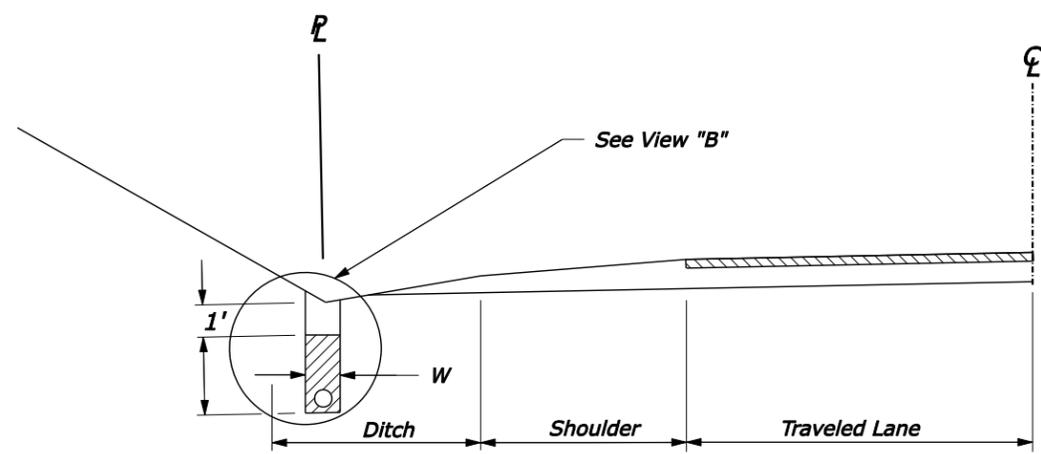
**SHOULDER**



**FLAT BOTTOM DITCH**

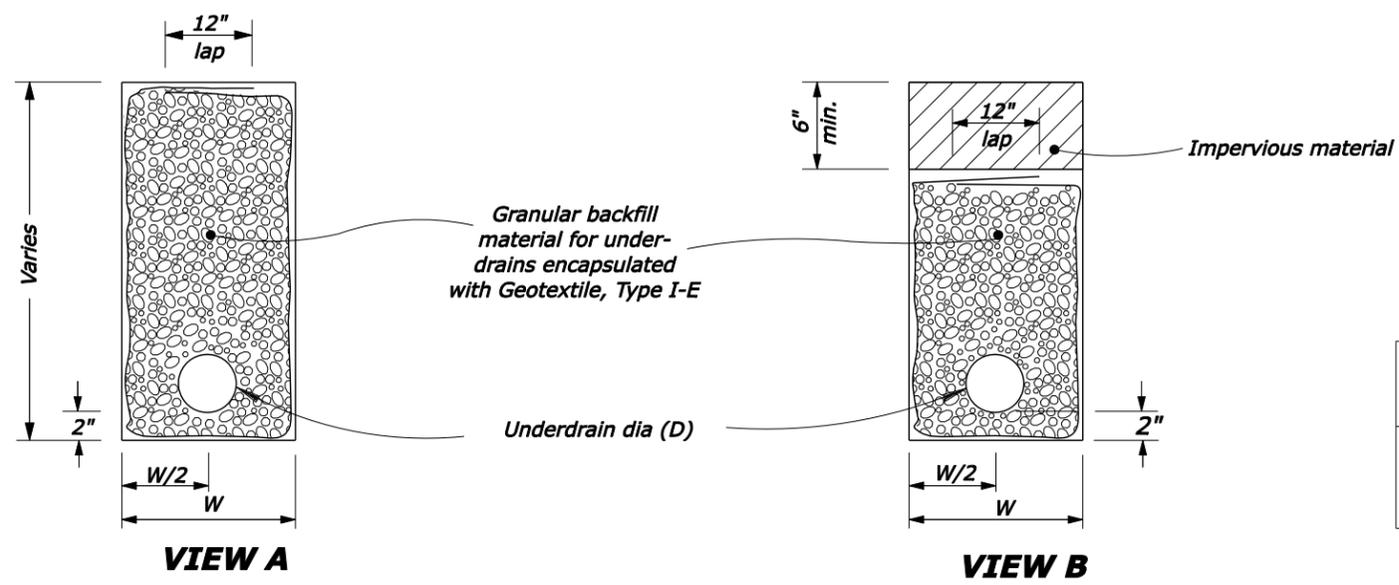


**CURB AND GUTTER**



**VEE DITCH**

\* Adjust depth to meet field conditions



- NOTES:**
1. Location of pipe underdrains may be adjusted by the CO.
  2. Minimum underdrain grade is 0.5 percent.

DIAMETER (D)	MINIMUM WIDTH (W)
4"	12"
6"	15"

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

U.S. CUSTOMARY DETAIL

**UNDERDRAIN, FOR PAVEMENT AND DITCHES**

DETAIL APPROVED FOR USE  
 APPROVED : MAY 2011

DETAIL  
 E605-01

7:27:30 AM M:\Standard\EF\LD\_Detail\Drawings\8 draf1.dwg not use ERIC'S CADD WORK\test today\605605.dgn\60501\_detail.dgn 7/7/2011