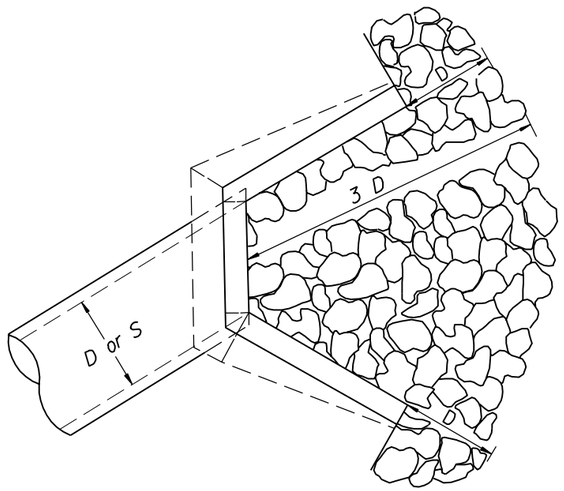
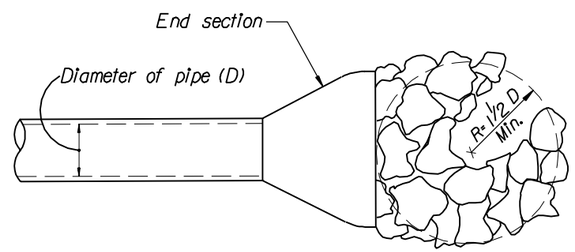
REG	STATE	PROJECT	SHEET NO.

DEPTH (d)	
Riprap Class	Depth (d)-(in)
1	12
2	18
3	24
4	30
5	42
6	48



PLAN



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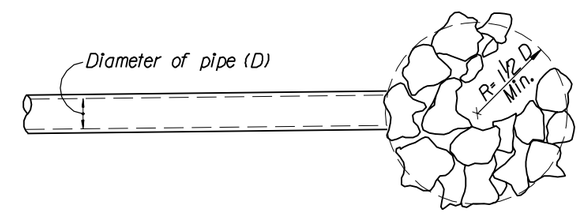
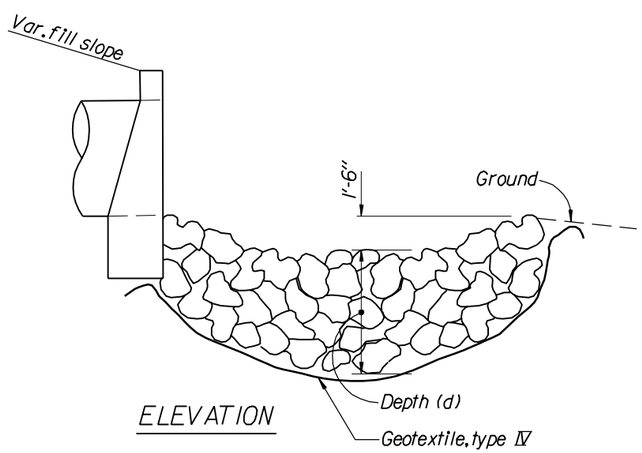
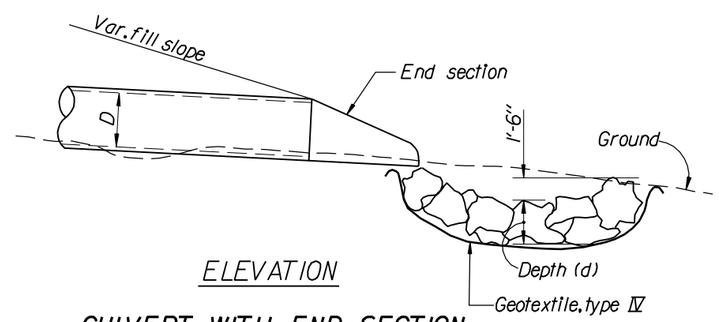


PLAN



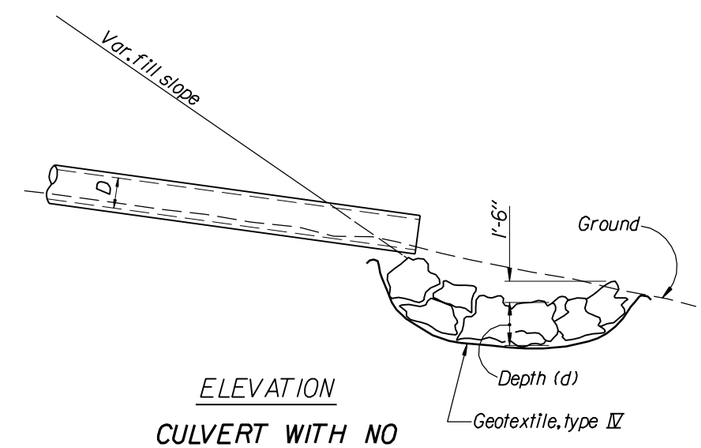
ELEVATION

CULVERT WITH HEADWALL



ELEVATION

CULVERT WITH END SECTION



ELEVATION

CULVERT WITH NO END TREATMENT

NOT TO SCALE

NOTE:

For arch or elliptical pipes, use equivalent diameter for (D) dimension

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

DETAIL

LOOSE RIPRAP AT CULVERT

DETAIL APPROVED FOR USE --/----

REVISED:

DETAIL E251-1

02/26/2003 10:40:02 AM M:\Standard\English\dt251\x01.dgn