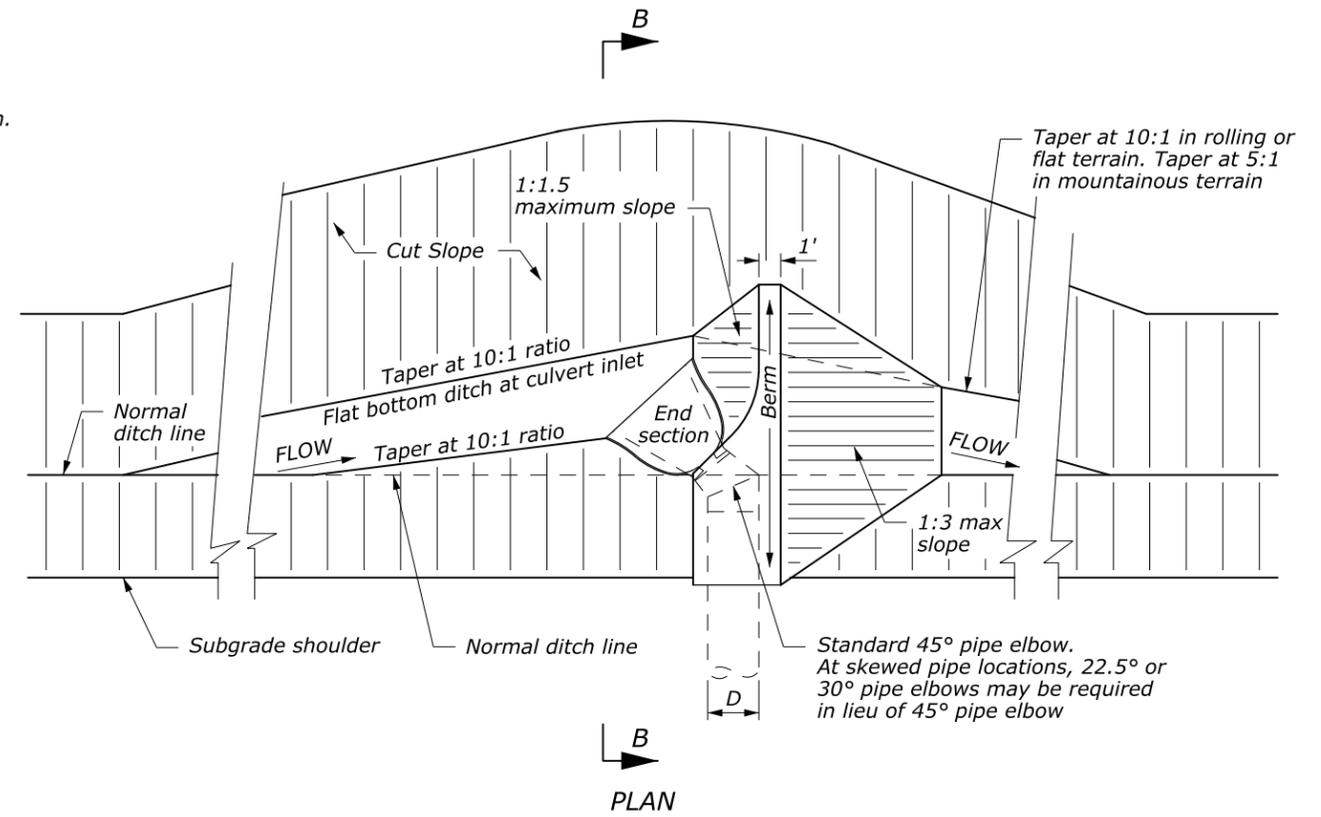
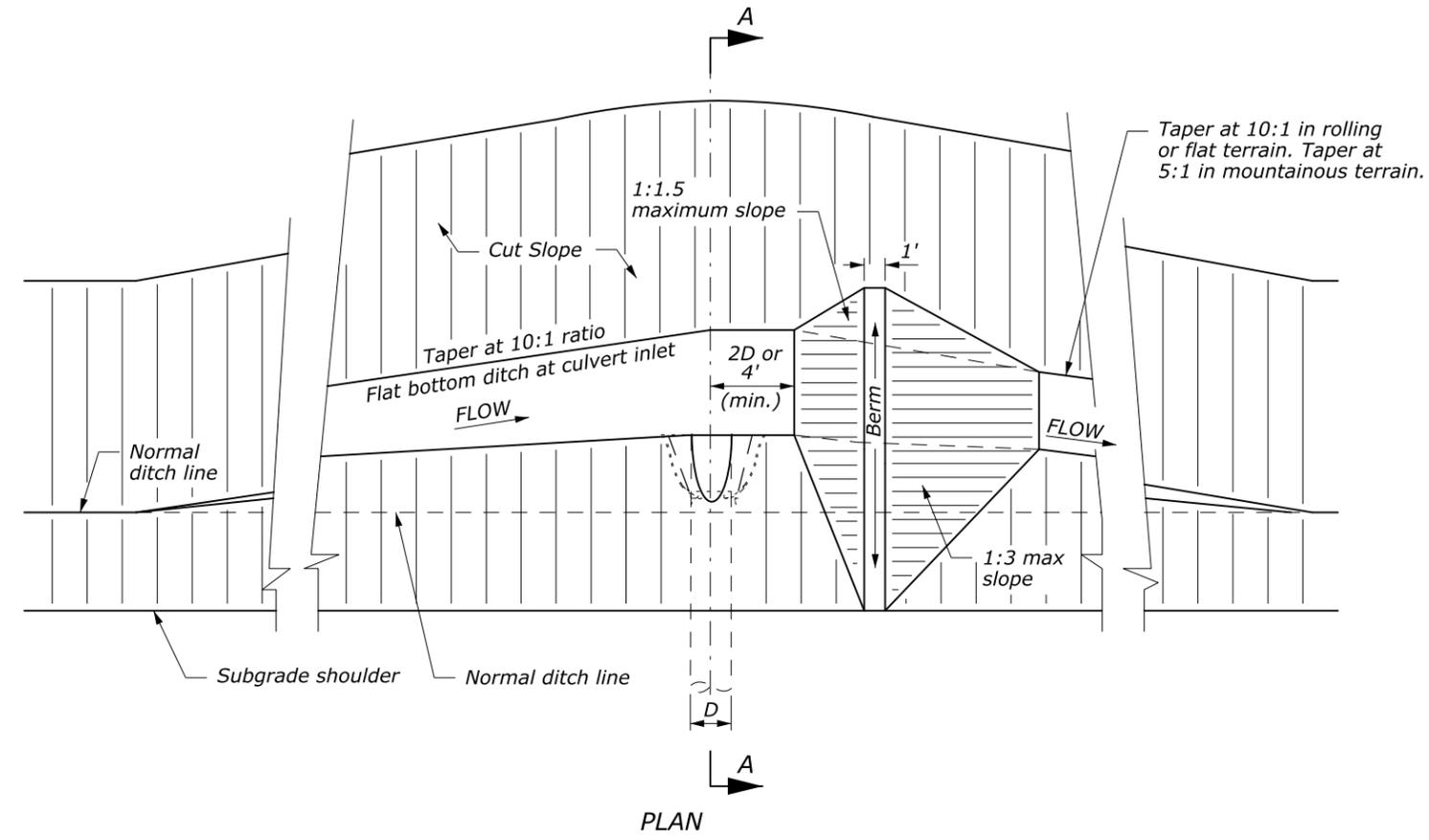
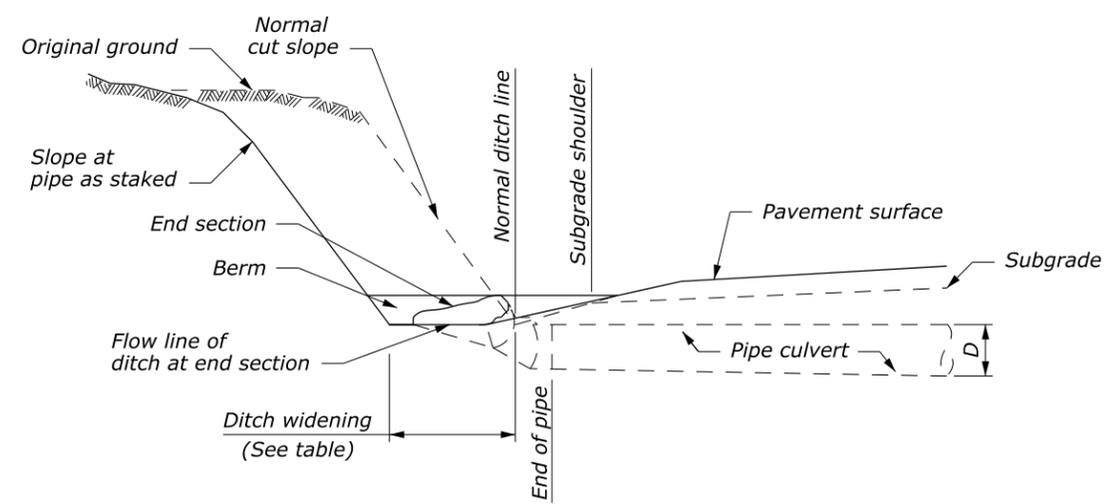
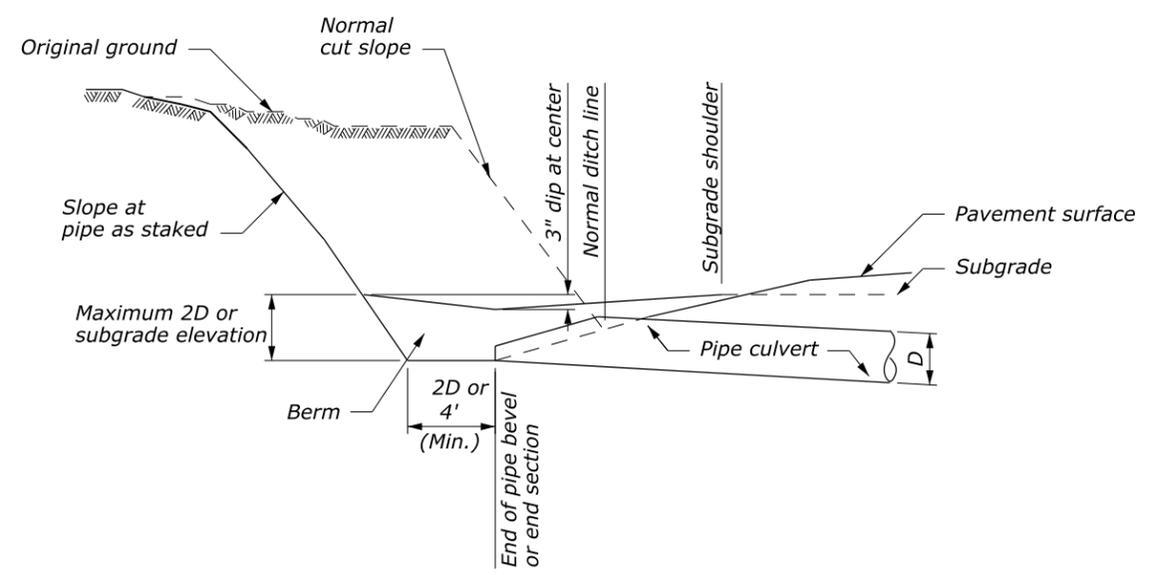


NOTE:

1. D equals the diameter of all round pipe or the rise dimension of all pipe arch culverts.



Standard 45° pipe elbow.
At skewed pipe locations, 22.5° or 30° pipe elbows may be required in lieu of 45° pipe elbow



DITCH WIDENING	
PIPE SIZE (D)	WIDENING
18"	5'
24"	6'
30"	7'

NO SCALE

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

U.S. CUSTOMARY STANDARD

**PIPE CULVERT INLET
TREATMENT IN CUT SLOPES**

STANDARD APPROVED FOR USE 12/1993
REVISED: 4/1994 6/2005

STANDARD
602-6