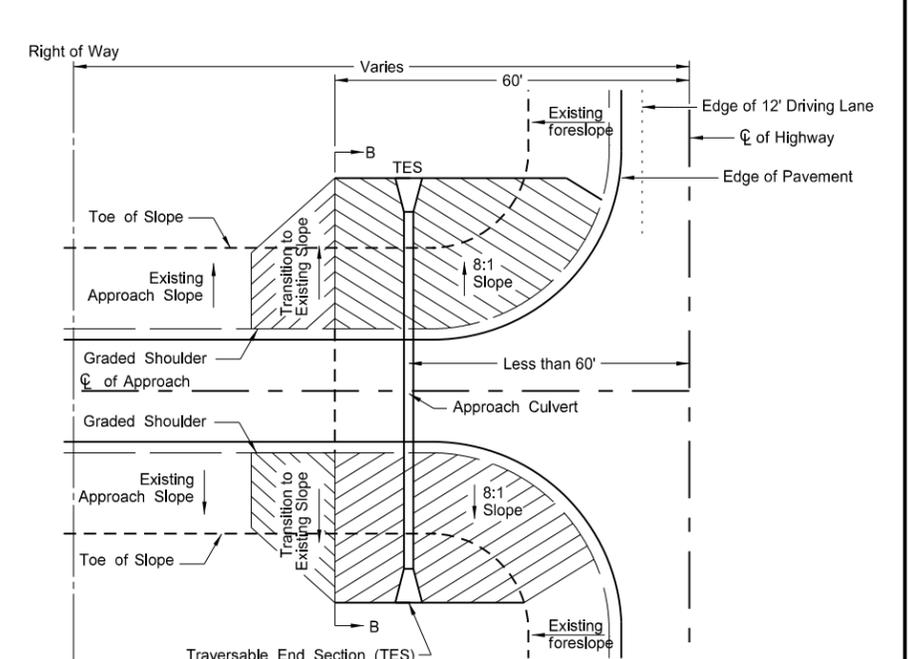
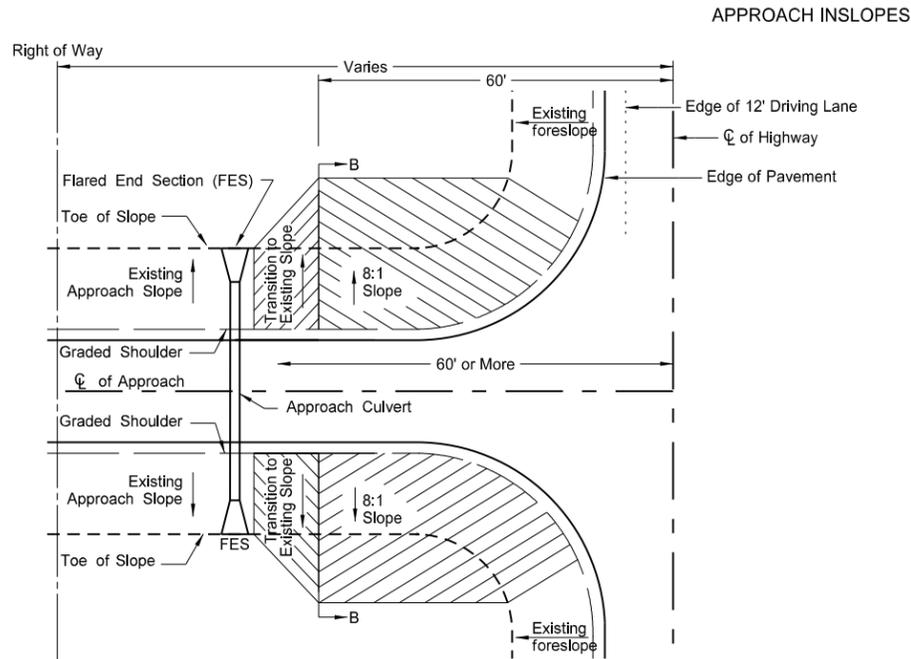
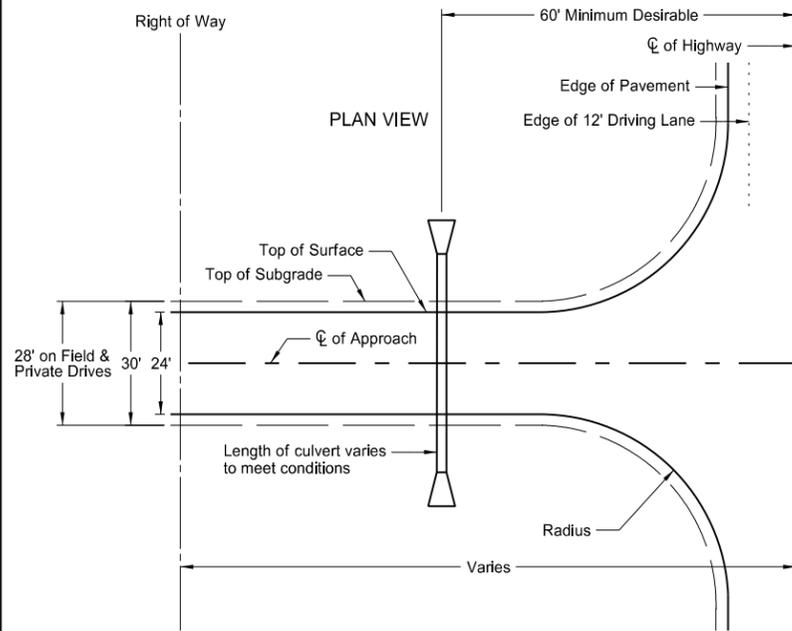


STANDARD RURAL APPROACHES

D-203-8

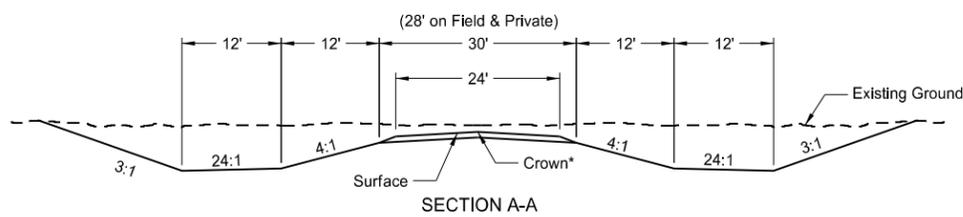


CASE 1
APPROACH PIPE LOCATED
60' OR MORE FROM $\text{C}\ell$

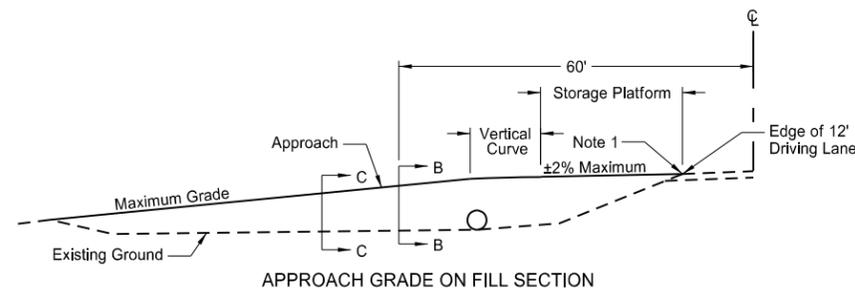
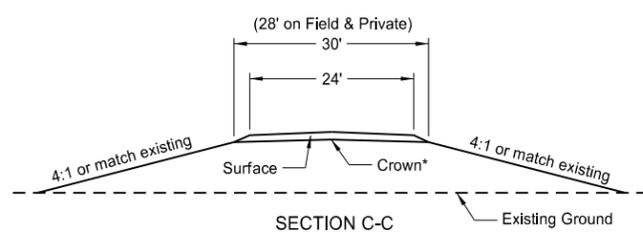
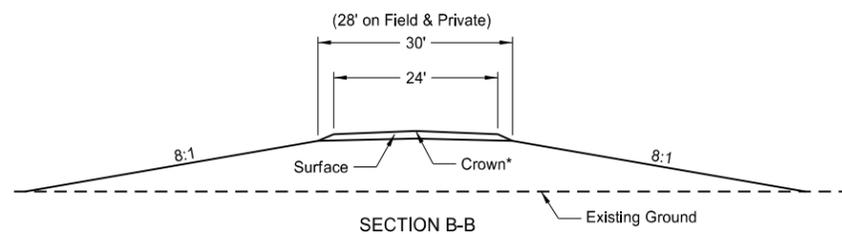
CASE 2
APPROACH PIPE LOCATED
LESS THAN 60' FROM $\text{C}\ell$

CRITERIA FOR RURAL APPROACH TYPES

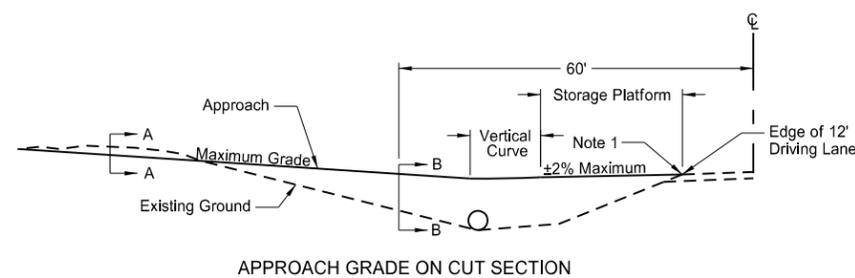
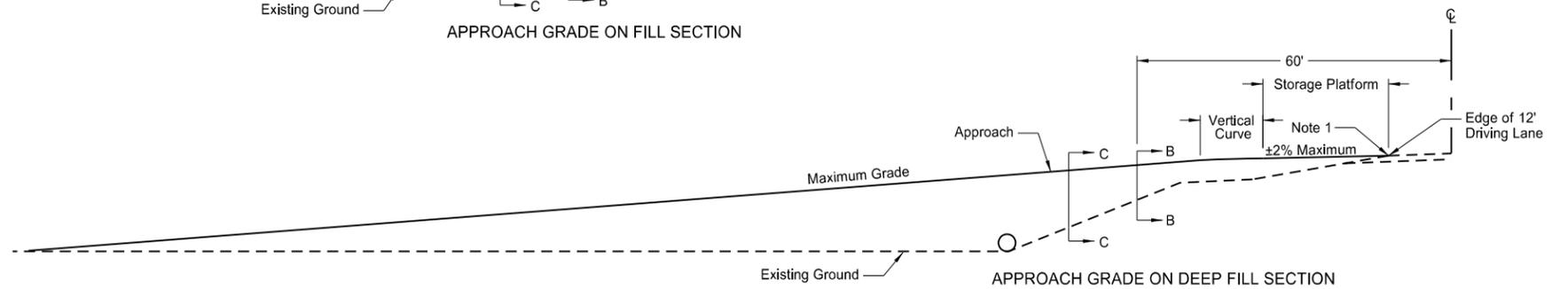
	Field Drives	Private Drives	Low Volume Public Roads
Radius	R=40 ft	R=40 ft	R=50 ft
Maximum Grade	10%	7%	7%
Storage Platform	24 ft	50 ft	
Vertical Curve Length	10 ft	10 ft	Varies (Min. 20 mph)



*2.1% crown for paved surface
*3.0% crown for gravel surface



NOTES:
1. 5% Max Rollover between approach storage platform and highway.



NORTH DAKOTA DEPARTMENT OF TRANSPORTATION	
2-25-14	
REVISIONS	
DATE	CHANGE
6-30-2017	Revised Radius, Storage Platform, Inslope dimensions, and Note 1.
10-25-2019	Changed "Inslope" to "Foreslope".

This document was originally issued and sealed by
Kirk J Hoff,
Registration Number
PE- 4683,
on 10/25/19 and the original document is stored at the North Dakota Department of Transportation