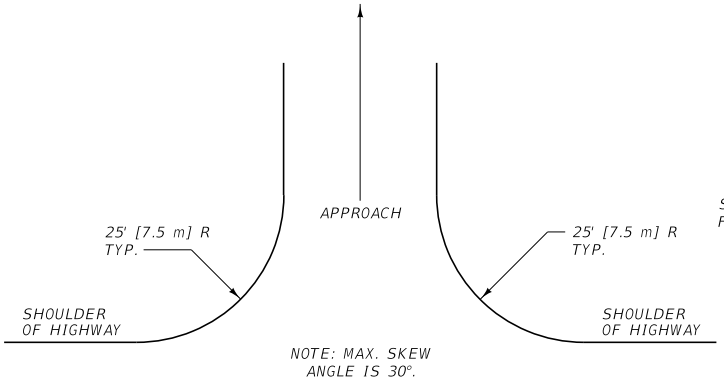
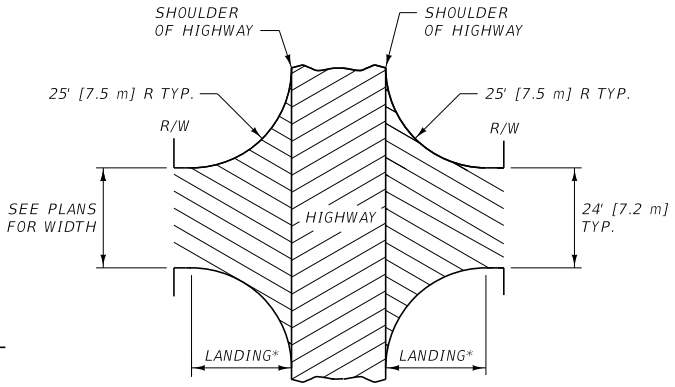
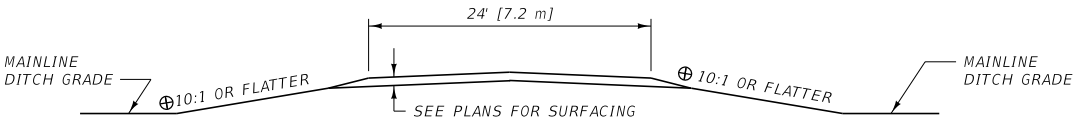




* 25.0' [7.5 m] MIN. FOR PRIVATE OR FIELD APP.
75.0' [25.0 m] MIN. FOR COUNTY AND MAIN ROADS.

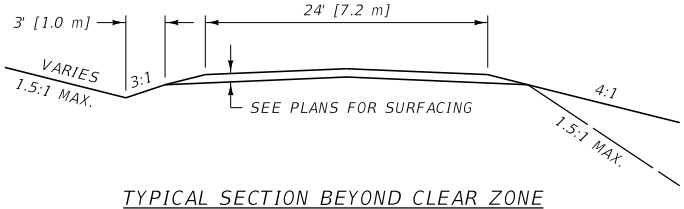
LANDING GRADE (-3% DESIRABLE, +3% ALLOWABLE).



TYPICAL SECTION WITHIN CLEAR ZONE

USE A PIPE AS NECESSARY FOR DRAINAGE. INSTALL CULVERTS OUTSIDE THE CLEAR ZONE OR PROVIDE END TREATMENT.

⊕ PROVIDE 6:1 SLOPES AT A MINIMUM.



TYPICAL SECTION BEYOND CLEAR ZONE

BACK SLOPES **	
0' – 5' [0.0 m – 1.5 m]	4:1
5' – 10' [1.5 m – 3.0 m]	2:1
OVER 10' [3.0 m]	1.5:1

FILL SLOPES **	
0' – 10' [0.0 m – 3.0 m]	4:1
10' – 20' [3.0 m – 6.0 m]	2:1
OVER 20' [6.0 m]	1.5:1

NOTES:

1. APPROACH GRADE BEYOND LANDING IS NOT TO EXCEED 10% UNLESS TRAFFIC VOLUMES AND COST INDICATE SUCH TO BE JUSTIFIABLE.
2. CONSTRUCT APPROACHES TO FIT LOCAL CONDITIONS.
3. SECURE WRITTEN PERMISSION FROM LANDOWNER FOR WORK BEYOND THE RIGHT-OF-WAY.

** CRITERIA SHOWN ARE FOR PRIVATE AND FARM FIELD APPROACHES. FOR COUNTY AND MAIN ROADS USE ESTABLISHED STANDARDS FOR APPLICABLE FUNCTIONAL CLASS.

UNITS SHOWN IN BRACKETS [] ARE METRIC AND ARE IN MILLIMETERS (mm) UNLESS OTHER UNITS ARE SHOWN.

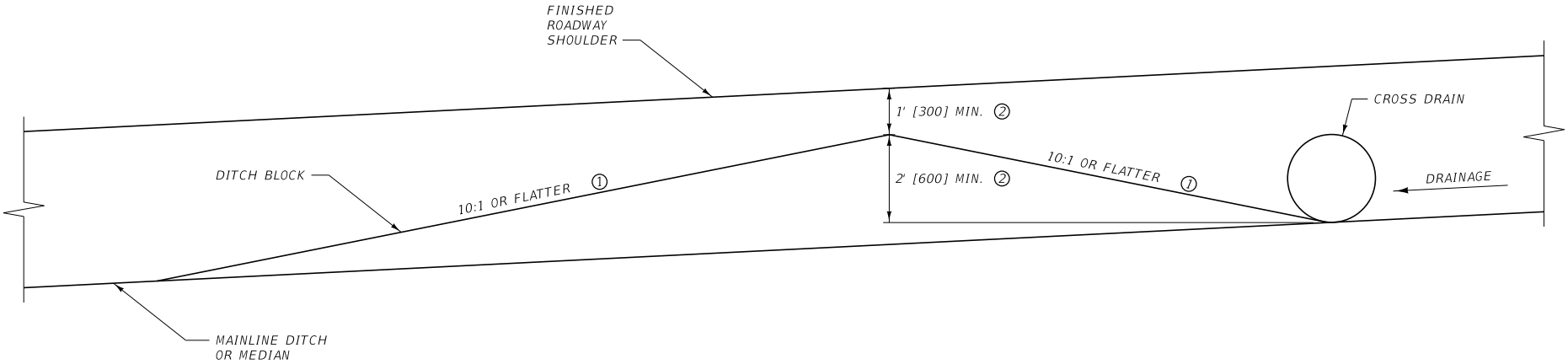
DETAILED DRAWING

REFERENCE
STANDARD SPEC.
SECTION 203

DWG. NO.
203-05

APPROACHES

MONTANA DEPARTMENT OF TRANSPORTATION



NOTES:

① CONSTRUCT DITCH BLOCKS TO FIT LOCAL CONDITIONS. WHEN CONDITIONS DO NOT ALLOW 10:1 SLOPES, USE 6:1 SLOPES.

② HEIGHTS SHOWN ARE MINIMUMS. SET HEIGHT OF DITCH BLOCKS BASED ON THE CULVERT DIAMETER OR ON THE ELEVATION SHOWN IN THE PLANS.

UNITS SHOWN IN BRACKETS [] ARE METRIC AND ARE IN MILLIMETERS (mm) UNLESS OTHER UNITS ARE SHOWN.

DETAILED DRAWING

REFERENCE	DWG. NO.
STANDARD SPEC. SECTION 203	203-20

DITCH BLOCKS

MDT MONTANA DEPARTMENT OF TRANSPORTATION