**FUNCTIONAL CLASS.**

COUNTY AND MAIN ROADS USE ESTABLISHED STANDARDS FOR APPLICABLE CRITERIA SHOWN ARE FOR PRIVATE AND FARM FIELD APPROACHES. FOR RIGHT-OF-WAY.

SECURE WRITTEN PERMISSION FROM LANDOWNER FOR WORK BEYOND THE CONSTRUCT APPROACHES TO FIT LOCAL CONDITIONS.

TRAFFIC VOLUMES AND COST INDICATE SUCH TO BE JUSTIFIABLE.

APPROACH GRADE BEYOND LANDING IS NOT TO EXCEED 10% UNLESS UNLESS OTHER UNITS ARE SHOWN.

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.

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**TYPICAL SECTION WITHIN CLEAR ZONE**

USE A PIPE AS NECESSARY FOR DRAINAGE.

INSTALL CULVERTS OUTSIDE THE CLEAR ZONE OR PROVIDE END TREATMENT.

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**TYPICAL SECTION BEYOND CLEAR ZONE**

<table>
<thead>
<tr>
<th>BACK SLOPES **</th>
<th>FILL SLOPES **</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>0 - 5' [0.0 m - 1.5 m]</strong></td>
<td><strong>4:1</strong></td>
</tr>
<tr>
<td><strong>5 - 10' [1.5 m - 3.0 m]</strong></td>
<td><strong>2:1</strong></td>
</tr>
<tr>
<td><strong>OVER 10' [3.0 m]</strong></td>
<td><strong>1.5:1</strong></td>
</tr>
</tbody>
</table>

| **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:

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

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**DETAILED DRAWING**

REFERENCE DWG. NO.

STANDARD SPEC. 203-05

SECTION 203

APPROACHES

EFFECTIVE: SEPTEMBER 2014

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 THE
ELEVATION SHOWN IN THE PLANS.

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