



Montana Department of Transportation
PO Box 201001
Helena, MT 59620-1001

Memorandum

To: Distribution

From: Paul Ferry, P.E.
Highways Engineer

Date: April 15, 2013

Subject: Temporary Erosion Control Plans

The Environmental Services Bureau will no longer be developing the temporary erosion control plans. To date, the unit that developed the construction plans (Consultant Design Bureau, Traffic Safety Bureau, Road Design (both District and Helena) submitted the project title sheet and plan & profile sheets with the as-designed contours to the Environmental Services Bureau. Environmental Services revised the title sheet added the standard erosion control template and provided other modifications as needed. The temporary erosion control plans will now be prepared in their entirety and submitted directly to the Contract Plans Bureau by the unit that develops the construction plans.

The following guidance is provided to assist in the preparation of the plans:

General

1. Review the construction plans to ensure that all areas of disturbance are included (connections/transitions, median crossovers, etc.)
2. Review the title block to ensure that all of the applicable information is included

Title Sheet

A macro is being developed that contains the necessary revisions to the title sheet. This macro will include the following changes:

1. The erosion control plan notation
2. The removal of the following information
 - related projects and associated agreement numbers
 - the note "surfacing sources contractor furnished"
 - designed by, checked by reference
 - PE stamp and certification box (lower right-hand corner)
 - any consultant logo

Standard Erosion Controls

These items are located on the 2nd page of the plans. It is a macro which just needs to be run from MDT Road Design Macros.

Plan & Profile Sheets

These sheets consist only of the plan view. A macro is also being developed for the revisions to the plan sheets. These revisions include the following information:

- Township, range and section with the north arrow
- centerline and stationing
- major contour intervals
- construction limits
- storm drains within the project limits
- wetland delineations
- culvert crossings if the project includes work on the culvert
- bridge crossings
- named streams

The following information will be removed from the plan sheets:

- core holes and notations
- utilities, including poles and pedestals
- right-of-way lines and notations
- construction permits including all notations

Additional Sheets

Detail sheets need to be provided for any work resulting in disturbance that is not shown on the plan view. These include but are not limited to:

- median crossovers
- channel relocations
- detours that extend beyond the project limits
- major approaches realignments (they generally have separate plan and profile and typical section)

For projects that result in more than an acre of disturbance but do not have plan & profile sheets, such as overlays with minor shoulder work or guardrail widening, straight line diagrams need to be prepared. The title sheet and the standard erosion controls should be developed as described above. The straight line diagrams are not to scale and should include the following information:

- station callouts and descriptions for the areas of disturbance
- bridge end stations

If there is any question as to whether temporary erosion control plans are needed, contact the appropriate environmental engineer.

This change is effective immediately for all plans that have not yet been submitted to the Environmental Services Bureau. Environmental Services will prepare the temporary erosion control plans for all projects that have already been submitted to them.

If you have any questions, please contact me at 444-6244.

Electronic copies:

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