

Attachment A1  
to the DOT/DNR Cooperative Agreement  
Memorandum of Understanding  
On Erosion Control and Storm Water Management

I. General.

DOT and DNR Administrations strongly endorse the following erosion control and storm water management practices and direct that they be included in design plans and carried out through field compliance. This Memorandum of Understanding (MOU) details the erosion control and storm water management practices approved by DOT and DNR.

II. Procedures.

1. ESTABLISH AND IMPLEMENT A CLEAR POLICY ON GOOD EROSION CONTROL AND STORM WATER MANAGEMENT PRACTICES:

DOT erosion control and storm water management policy and directives shall (1) stress the importance of and provide for effective and timely erosion control practices, and (2) inform staff of their responsibility for proper implementation and enforcement of erosion control policy and practices. Erosion control requirements and practices will be given added emphasis and enforcement during the construction season. The importance of erosion control and storm water management will be explained at appropriate meetings and conferences, including those with contractors. DOT will provide a presentation of updated erosion control and storm water management policies and practices as an item of discussion at appropriate annual district conferences. DOT will also include erosion control and storm water management on the agenda for the annual Contractor/Engineers Conference and for similar conferences with consultants and county highway managers.

2. DESIGNATE DISTRICT EROSION CONTROL SPECIALIST(S):

Assign the additional duties of advising and training other district staff about erosion control and storm water management matters to the district staff person(s) designated by the DOT District Director.

3. PROVIDE TRAINING FOR DOT STAFF TO INCREASE AWARENESS AND KNOWLEDGE OF EROSION CONTROL AND STORM WATER MANAGEMENT MEASURES:

Training will continue to be provided to DOT staff to increase staff awareness and knowledge of erosion control and storm water management applications and environmental concerns. DOT will consult with DNR when developing erosion

control and storm water management training. DNR will assist DOT staff in the development, preparation and presentation of this training upon request.

Periodic updating and sharing of technical information on erosion control and storm water management practices by the DOT District Erosion Control Specialists and DNR Specialists is encouraged.

4. **PROVIDE EROSION CONTROL AND STORM WATER MANAGEMENT GUIDELINES IN DOT MANUALS:**

DOT will continue to upgrade, monitor, and edit its manuals. Staff suggestions for modifications or new innovations in erosion control and storm water management techniques should be transmitted through the DNR/DOT liaisons (DNR Bureau of Environmental Analysis and Review (BEAR) and DOT Office of Environmental Analysis (OEA)).

5. **DEVELOP DETAIL DRAWINGS FOR EROSION CONTROL AND STORM WATER MANAGEMENT APPLICATIONS:**

Detail drawings that relate to erosion control and storm water management will be updated by DOT as information and new technology on improving erosion control and storm water management practices becomes known.

6. **INCLUDE A BRIEF DISCUSSION OF EROSION CONTROL AND STORM WATER MANAGEMENT PROVISIONS IN EACH DESIGN STUDY REPORT (DSR):**

Each Design Study Report shall include a written discussion of the locations of environmentally sensitive areas, and any unusual erosion control and storm water management measures. This information may be available from early coordination with appropriate DNR staff and environmental documentation.

7. **INCLUDE EROSION CONTROL AND STORM WATER MANAGEMENT MEASURES ON PROJECT PLANS:**

DOT will include erosion control and storm water management measures on the project plan. Complex erosion control and storm water management measures will be shown on a separate plan sheet.

In sensitive areas such as wetlands, streams, diversion channels, and channel changes, the design erosion control plan should provide the necessary protection from erosion in both the interim work stages and after final construction work activities.

The erosion control plan and/or special provisions shall identify erosion control and storm water management measures to be in place prior to, during and after construction. Refer to Attachment A2 for additional guidance on the contents of the erosion control plan and/or special provisions.

DOT guidelines on erosion control plans may be found in its Facilities Development Manual (FDM), Construction and Materials Manual, Maintenance Manual, and Standard Specifications.

8. PROVIDE LIBERAL USE OF EROSION CONTROL MEASURES:

The plan will provide for liberal quantities of erosion control items, including undistributed quantities, for use on the project site.

9. PROVIDE FOR EMERGENCY EROSION CONTROL SITUATIONS:

DOT will provide for expedient mobilization on the project site when emergency situations develop.

10. DEVELOP CONTRACT PROVISIONS FOR EROSION CONTROL AND STORM WATER MANAGEMENT:

Contract provisions, including specifications, will be developed by DOT as new erosion control and storm water management technologies and practices evolve.

11. ENSURE COMPLIANCE WITH THE REQUIREMENTS FOR THE CONTRACTOR'S EROSION CONTROL IMPLEMENTATION PLAN (ECIP):

The contractor's Erosion control implementation plan (ECIP) will be sent, by the contractor, to the DNR district liaison at least 14 days prior to the preconstruction conference. The DNR district liaison will send comments on the ECIP prior to the pre-construction conference and/or make every reasonable effort to attend the pre-construction conference. Comments should be sent to the District DOT Construction Office.

DOT will ensure that the ECIP for the project site and for borrow and waste sites, if any, will be developed and implemented in accordance with the requirements of ch. Trans 401, Wis. Adm. Code.

DOT requirements for reclamation of borrow pits and waste areas are found in its Standard Specifications for Road and Bridge Construction.

12. DISCUSSION OF EROSION CONTROL PLAN AND ECIP AT PRE-CONSTRUCTION CONFERENCE

The DNR district liaison will be invited to all preconstruction conferences. The final construction plan and contract proposal, as let, shall be sent to the DNR district liaison at least 14 days prior to the conference. The DNR district liaison will send comments on the plan for all projects prior to the pre-construction conference and/or make every reasonable effort to attend the pre-construction conference. Comments should be sent to the District DOT Construction Office.

Discussion of erosion control and storm water management at preconstruction conferences will include grading, bridge construction, stream crossings, channel changes, equipment crossings and other activities likely to result in sediment reaching the waters of the state.

The project engineer will provide the DNR district liaison with the field office's number as soon as it is available and inform DNR of any work or schedule changes that could affect environmentally sensitive areas. The minutes of all DOT preconstruction conferences for a project will be sent to the DNR district liaison for that project, unless DOT/DNR district liaisons agree otherwise.

13. EXPAND THE GRADING PORTION OF THE CONSTRUCTION INSPECTOR'S GUIDE TO INCLUDE EXPANDED COVERAGE OF EROSION CONTROL AND RELATED DEVICES:

DOT will periodically update the inspector's guide to include new erosion control and storm water management policies and practices.

III. Conflict Resolution.

The conflict resolution process, as identified in the main agreement, will be used whenever there are problems. This process exists to insure timely and effective communication between DNR and DOT on erosion control and storm water management and to encourage resolution of any conflicts at the lowest appropriate level.



Charles H. Thompson, Secretary  
Wisconsin Department of Transportation

Date: 10-5-94



George E. Meyer, Secretary  
Wisconsin Department of Natural Resources

Date: 10/14/94