



OHIO DEPARTMENT OF TRANSPORTATION

CENTRAL OFFICE, 1980 WEST BROAD STREET, COLUMBUS, OHIO 43216-0899

October 21, 2005

To: Users of the Hydraulic Standard Construction Drawings
From: David Riley, Hydraulics Section Head, Office of Structural Engineering
By: Michael Wawzkiewicz, Roadway Hydraulics Engineer
Re: Transmittal of Revised Hydraulic Standard Construction Drawings

The drawings below have been revised based on updates to the Location and Design Manual Volume 2 or to clarify the purpose of the drawing or notes.

Please update your standard drawings.

Revised Standard Drawings

DM-1.1

- The requirement of grouting the tied concrete block mat for precast reinforced concrete outlets has been removed. Tied concrete block mat, Type 1 is required at the end of the precast reinforced concrete outlets.

DM-1.2

- A detail was added to clarify backfill requirements for underdrain outlets outside the pavement area.
- Backfill for underdrain outlets under pavement has been revised to granular material per CMS 605.
- A detail was added to clarify the horizontal alignment of the underdrain outlets.
- The detail showing underdrain outlets using a 90° tee has been removed.
- The conduit type for underdrain outlet in the details was revised from Type B to Type F.

WQ-1.2

- Details and notes for the exfiltration trench have been added.
- A detail and notes for the water quantity ditch check has been added.

Copies of all of the current Hydraulic Standard Construction Drawings are available in Microstation and pdf formats on our website at <http://www.dot.state.oh.us/se/standard/hydraulic/index.htm>.

If you have any comments or suggestions, please contact Mike Wawzkiewicz, Roadway Hydraulics Engineer, at 614-728-4585 or michael.wawzkiewicz@dot.state.oh.us.