



Other Permits and Reviews

John E. Dostart, P.E.
Urban Engineer
Office of Local Systems
Iowa Department of Transportation



Presentation Overview

- DOT Hydraulic Reviews
- DOT Structural Reviews
- Iowa DNR Floodplain Permits
- Section 408 Permits
- NPDES Storm Water Permits
- Work on Iowa DOT Right-of-Way

I.M. 3.410 being revised

- Combining Preliminary Bridge or Culvert Plans with Check and Final Bridge or Culvert Plans
- Will be called “Bridge or Culvert Plans”
- New Form combining both “Form-1E” and “Risk Assessment Form”

DOT Hydraulic Reviews

- When is a hydraulic review required?
 - For all projects on the NHS.
 - For Federally Funded bridge or culvert projects with the following criteria:
 - The proposed structure is located in an area where the 100-year (1% annual chance) flood water surface elevations have been determined by a detailed Flood Insurance Study (FIS).
 - The proposed structure has a smaller opening size than the existing structure.
 - The proposed structure is a culvert that is replacing an existing bridge.
- If an LPA desires a Hydraulic Review by the Iowa DOT, Office of Bridges and Structures, one can be requested.
- For more information, see I.M. 3.410

DOT Structural Reviews

- When is a Structural Review required?
 - For all projects on the NHS.
 - For Federally Funded bridges that use a non-standard design
- If an LPA desires a Structural Review by the Iowa DOT, Office of Bridges and Structures, one can be requested.
- Structural Reviews only for non-standard bridge designs
- For more information, see I.M. 3.410.

Iowa DNR Floodplain Permits

- Why is a permit required?
 - 567 Iowa Administrative Code (IAC), Chapters 70-72 requires the Iowa DNR to regulate certain activities in the floodplain
- When is a permit required? I.M. 3.410 Att. B
 - Bridges, culverts, or roads that cross a stream
 - Rural – 100 sq. miles drainage
 - Urban – 2 sq. miles drainage
 - Channel changes
 - Bank stabilization activities
 - Levees, dams, ponds, excavation, or stockpiling in the floodplain
- For more information, see I.M. 3.410, Preliminary Bridge or Culvert Plans

COE Section 408 Permits

- When is a 408 Permit Required?
 - USACE structures include levees, dikes, piers, etc.
- 33 U.S.C. 408
 - Section 14 of the Rivers and Harbors Act of 1899.
 - Permission (Section 408 Permit) by the Army is required to alter a project built by the USACE.
 - Located in navigable waters or place to prevent floods. Check with USACE if unsure.
- Funding needs for Section 408 reviews exceeds available funding.
- A LPA may enter into a Section 1156 Agreement to allow a LPA to fund an expedited review.
- Contact your USACE Office for additional information.

COE Section 408 Permits

- The Section 408 Permit process is being revised.
- USACE is currently reviewing public comments on a proposed rule change.
- <http://cdm16021.contentdm.oclc.org/utils/getfile/collection/p16021coll11/id/2018>
- <http://www.usace.army.mil/Missions/Civil-Works/Section408/>

DNR NPDES Storm Water Permits

- Why is a permit required?
 - The Clean Water Act requires the EPA and Iowa DNR to administer the National Pollutant Discharge Elimination System (NPDES)
 - NPDES restricts the discharge of sediment or other pollutants resulting from construction activities
- When is a permit required?
 - Construction projects that disturb ≥ 1.0 acre
 - Ground is disturbed if exposed to the erosive forces of wind or water
 - Maintenance activities and resurfacing, restoration, or rehabilitation (3R) projects may be exempted
- For more information, see I.M. 3.140, Storm Water Permits

Work on Iowa DOT Right-of-Way

- When is a permit required?
 - For any activities that require access to the right-of-way of Primary or Interstate Highways
- What type of permit is required?
 - Entrance Permit
 - Work within State Highway Right of Way
 - Revision of Access and Establishment of a Special Access Connection
 - Utility Accommodation
- For more information, contact the Engineering Operations Technician (EOT) in the appropriate District Office

https://iowadot.gov/pdf_files/need_answers.pdf

Questions?



- Reference Documents:
 - As listed on previous slides
- Iowa DOT Contact Person:
 - See Iowa DOT Contact List for appropriate Administering Office staff