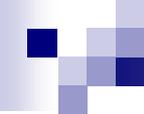


# Other Permits and Reviews

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# Presentation Overview

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

# 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 a Hydraulic Review is not required, an LPA may request a review by the Iowa DOT, Bridges and Structures Bureau.
- For more information, see I.M. 3.500

# 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 a Structural Review is not required, an LPA may request a review by the Iowa DOT, Bridges and Structures Bureau.
- Structural Reviews only for **non-standard** bridge designs
- For more information, see I.M. 3.500.

# 404 Permits

## ■ Why is a permit required?

- Impacts to water resources are governed by Section 404 of the Clean Water Act and its associated regulations, as administered by:
  - U.S. Army Corps of Engineers (Corps)
  - Environmental Protection Agency (EPA)
  - Iowa Department of Natural Resources (Iowa DNR)

## ■ When is a permit required?

- If any fill or dredged material will be placed in Waters of the United States (WUS)
- WUS include all waters, impoundments of waters, or tributaries of waters, such as lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, or natural ponds

# 404 Permits

- What type of permit is required?
  - Nationwide Permits (NWP)
    - Activities can be approved subject to certain conditions and limitations
    - Impacts to WUS < 0.5 acres
  - Regional Permits
    - Used for activities that exceed the NWP, but don't require an Individual Permit
    - 0.5 acres < usually impacts to WUS < 1.0 acres
  - Individual Permits
    - Activities that cannot be approved under either a NWP or Regional Permit
    - Usually impacts to WUS > 1.0 acres
- For more information, see I.M. 4.130, 404 Permit Process

# 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. 4.150
  - 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. 4.150, Iowa DNR Floodplain Permits and Regulations

# 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  $\geq 1.0$  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. 4.140, 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](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 Bureau staff

