

Ohio Storm Water Conference

May 2018

Transportation Roundtable

Agenda

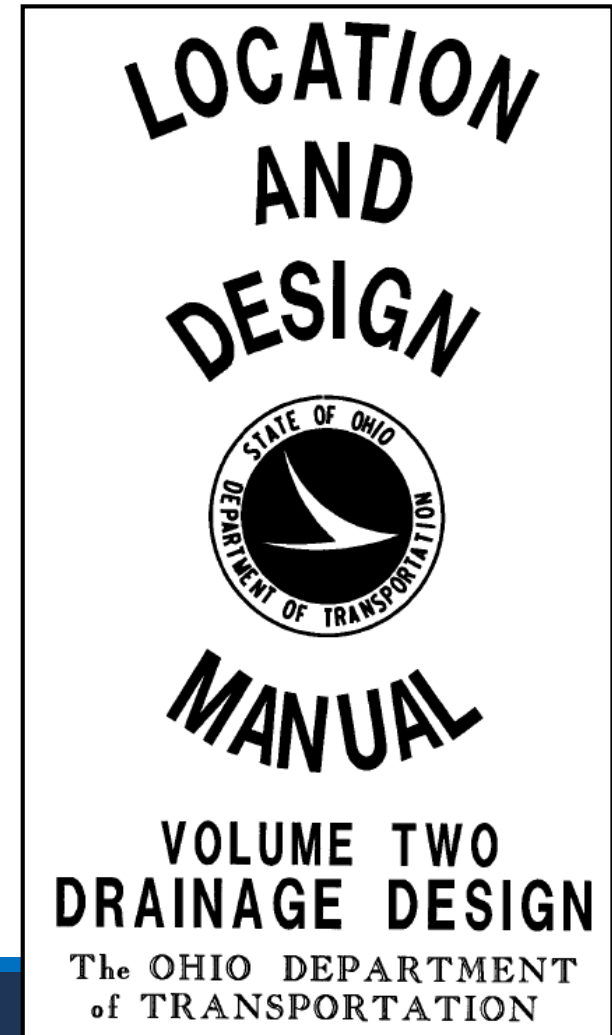
- Updates Associated with Construction General Permit
- ODOT Manual Updates
- Research Update
- Update on ODOTs Erosion and Sediment Control Program
- 2018 National Hydraulic Engineering Conference
- Open Discussions
 - Current Issues
 - Future Webinars
 - Future Research

Construction General Permit Updates

- Water Quality Volume (WQ_V)
- Small Construction vs. Large Construction
- Redevelopment
- Water Quality Flow (WQ_F)
- Electronic Submittal of SWPPPs

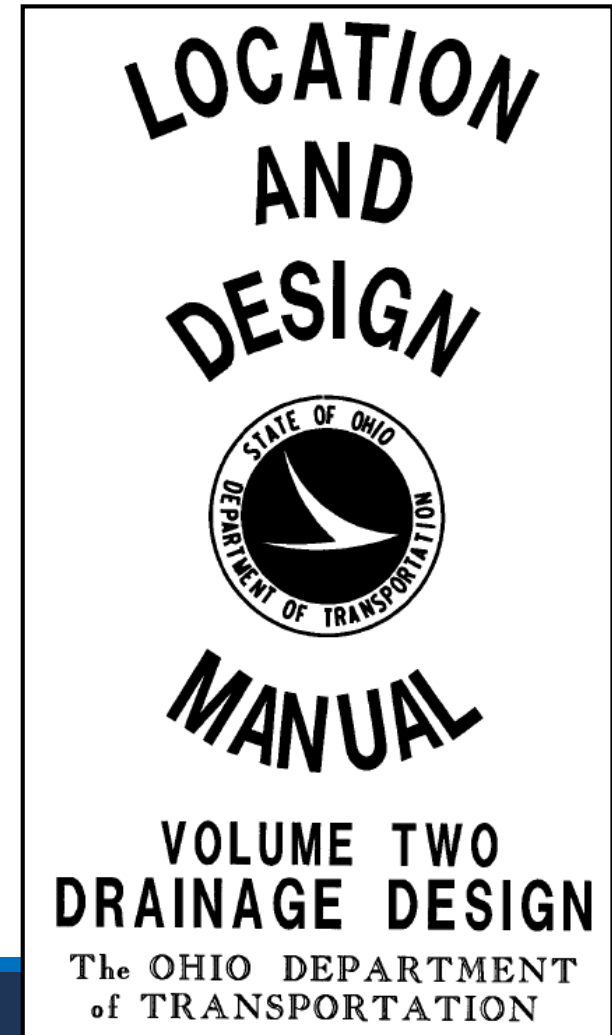
ODOT L&D Volume 2 Updates – July 2018

- Clarify Total EDA, Project EDA, Contractor EDA
- Clarify Darby and Olentangy Rules
- Routine Maintenance
 - Bridge, Land Slide, Gravel Road, Full Depth Pavement
- Utility Line, Fence, Guard Rail, Noise Wall
- Remove Option to Treat T% of WQ_v



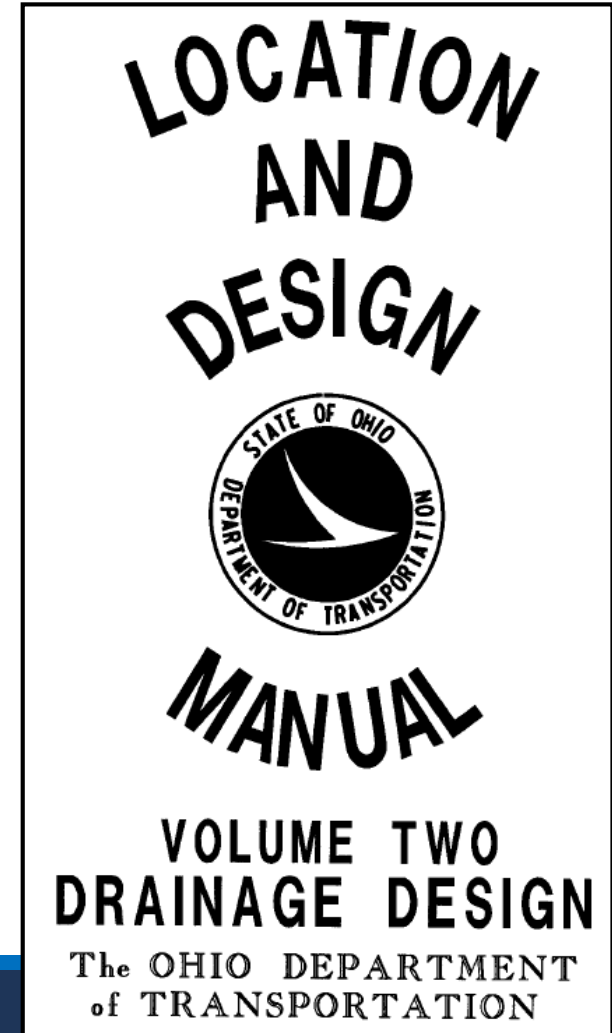
ODOT L&D Volume 2 Updates – January 2019

- Water Quality Volume
- Water Quality Flow
 - Vegetated Biofilter
 - Manufactured Systems
- Retention Basin



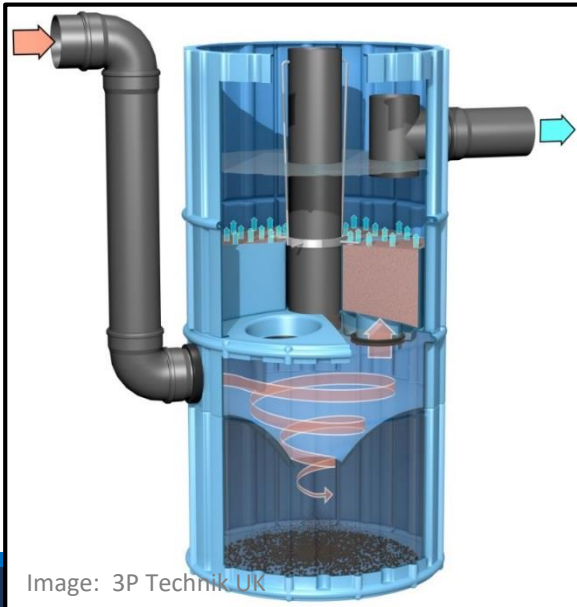
ODOT L&D Volume 2 Updates – January 2019

- Vegetated Filter Strip
- Vegetated Biofilter
- Manufactured System
- Extended Detention Basin
- Retention Basin
- Underground Detention
- Bioretention
- Infiltration (Trench / Basin)
- Stream Grade Control



ODOT Research Updates

- Particle Size Distribution – Manufactured System Testing (Mar. 31, 2019)
- Catch Basin Insert (CBI) Performance (Aug. 2018)
- Volume Reduction by Soil Amendment (Dec. 2021)



ODOTs Erosion & Sediment Control Program Update

- ODOT moving forward with SWPPPTrack™ being required for all ODOT projects that require an NOI.
- ODOT is beginning development of an erosion and sediment control guidance manual.
 - Timeline – 2018-2020
 - Includes – SWPPP design guidance for practitioners + contractors field guide
 - Opportunities for feedback



2018 National Hydraulic Engineering Conference

- Transportation Hydraulic Engineering Conference held once every 2 years
- Transportation Hydraulic Engineers from Across the Country
- August 28 – 31, Columbus Ohio
- Topics: stream stability, water quality, stormwater management, climate change, scour, modeling, demonstrations, field trips, and short courses

Registration link - www.ohio.edu/engineering/nhec



The poster for the 2018 National Hydraulic Engineering Conference (NHEC) features a green and blue color scheme. At the top left is a logo with a stylized 'H' and 'E' inside a square. To its right, the text '2018NHEC' is displayed in large, bold, blue and green letters, followed by '9TH BIENNIAL NATIONAL HYDRAULIC ENGINEERING CONFERENCE' in smaller white text. Below this, a dark green banner contains the tagline 'ADVANCING HYDRAULIC ENGINEERING THROUGH INNOVATION AND RESILIENT DESIGN' in white. The dates 'AUGUST 28-31' and location 'HYATT REGENCY | COLUMBUS, OHIO' are prominently displayed in white, with the website 'WWW.OHIO.EDU/ENGINEERING/NHEC' below. A paragraph describes the conference's focus on addressing challenges for transportation agencies. The bottom section is divided into two columns: 'WHO SHOULD ATTEND?' listing hydraulic, environmental, and NPDES specialists, roadway designers, and other specialists; and 'DEMONSTRATIONS' listing field trips, short courses, and presentations on stream stability, water quality, climate change, stormwater management, scour, modeling, and more. A 'QUESTIONS?' section provides contact information for Helen Watson. Logos for the Ohio Department of Transportation (dot) and the American Association of State Highway and Transportation Engineers (AASHTO) are at the bottom.

2018NHEC | 9TH BIENNIAL NATIONAL HYDRAULIC ENGINEERING CONFERENCE

“ADVANCING HYDRAULIC ENGINEERING THROUGH INNOVATION AND RESILIENT DESIGN”

AUGUST 28-31
HYATT REGENCY | COLUMBUS, OHIO
WWW.OHIO.EDU/ENGINEERING/NHEC

Addressing the challenges that transportation agencies face to construct, maintain, sustain, and improve hydraulic structures in the physical, natural, social, and economic environments of today and tomorrow.

WHO SHOULD ATTEND?

- Hydraulic engineers
- Environmental engineers
- NPDES specialists
- Roadway designers
- Other specialists

DEMONSTRATIONS

FIELD TRIPS

SHORT COURSES

PRESENTATIONS:

- Stream stability
- Water quality
- Climate change
- Stormwater management
- Scour
- Modeling
- And more

QUESTIONS?
Contact Helen Watson at 740.593.0430 or nhec@ohio.edu

dot transportation.ohio.gov

AASHTO
AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION ENGINEERS

Open Discussion – Current Issues

- MS4 permit renews September 2019
- OEPA directors authority to require cleanup of water pollution violations.
- Status of Lake Erie being declared an impaired water body – Update and impacts
- Quick Industrial storm water permit update and links w/ MS4 permit

Open Discussion – Future Webinars

- 5/16/18 – DEFA webinar – Stormwater permit renewal
- TBA – OSWA workshops

Open Discussion – Future Research

- not defined as of yet – erosion and sediment control research
- Suggestions from the audience.

Closing Comments