Agenda

• Project Overview
• Explanation of SWPPP Development and Inspections
  • Why are we doing this?
  • SWPPP Development
  • What will DelDOT provide?
  • SWPPP Approval, Construction, and Inspection
Project Overview

BR 1-484
Project Overview

- **Existing:** Two 71” x 47” corrugated metal pipe arches
- **Proposed:** 12’ x 5’ precast concrete box culvert
- **Wetlands present on all corners**
Why are we doing this?

- **Improve timely compliance with the Delaware Sediment and Stormwater Regulations**
- **Stormwater Pollution Prevention Plan (SWPPP)**
  - Special Provisions (901500, 901501, 901502, 901503)
- **Contractor prepared E&S Plans**
  - Know how they intend to build and phase a job
  - Contractor working according to the approved plan
- **Contractor selects Third Party CCR inspector for required weekly E&S inspections**
  - Must have valid DNREC CCR certification
- Utilize mobile application to standardize inspections and produce reports (SWPPPTrack)
SWPPP Development

- Plans advertised without E&S devices shown on Construction Sequence and Erosion Control plan sheet (sheet 14)
- Contractor prepares bid for development of the SWPPP
- Contract awarded and executed
- Contractor identifies responsible parties and has CCR complete certification form
- Contractor designer develops SWPPP for approval by DelDOT
  - Plan must be developed by or under supervision of a licensed Delaware Professional Engineer
  - Utilize E&S design guide and Standard Construction Details
  - SWPPP Submission Checklist (Appendix B)
  - Electronic plan produced using CAD, submit CAD and pdf files
What will DelDOT provide?

- DelDOT provides electronic files for SWPPP design to contractor
- Contractor will sign electronic file release document prior to receiving files
  - Files will include the following .dgn files:
    - Field survey
    - Construction plan sheet proposed features
    - Construction Sequence
    - Right-of-Way
    - Alignment
SWPPP Approval

- Contractor designer uploads SWPPP files to SWPPPTTrack for review within 30 days of executed contract.
- DelDOT reviews, comments, and approves SWPPP.
- Contractor designer responsible for keeping SWPPP current including redline plan changes or revisions and must submit for approval through SWPPPTTrack.
SWPPP Construction

- E&S Preconstruction meeting held after SWPPP approved
- Contractor installs E&S controls and requests initial inspection from third party CCR
- Contractor constructs project within constraints of the approved SWPPP
SWPPP Inspection

• Third Party CCR conducts initial inspection in SWPPPTack
• Contractor begins earth disturbing activities
• Contractor hired Third Party CCR performs weekly and rain event inspections using SWPPPTack
• DelDOT E&S Section monitor CCR inspections and perform Quality Assurance inspections using SWPPPTack
SWPPP Track Inspection App
Pay Items

- 901500 – Stormwater Pollution Prevention Plan (LS)
- 901501 – Stormwater Pollution Prevention Plan Inspections (Each)
- 901502 - Stormwater Pollution Prevention Inspection Software (LS)*
- 901503 - Erosion and Sediment Control Practices (LS)*

*DENOTES A FIXED PRICE PER CONTRACT
Questions?