October 28-29, 2025
Orlando, FL

TRANSPORTATION SYMPOSIUM

Where's my SWPPP???

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Jason Russell, CPM

Transportation Symposium Website

SCAN ME

Overview

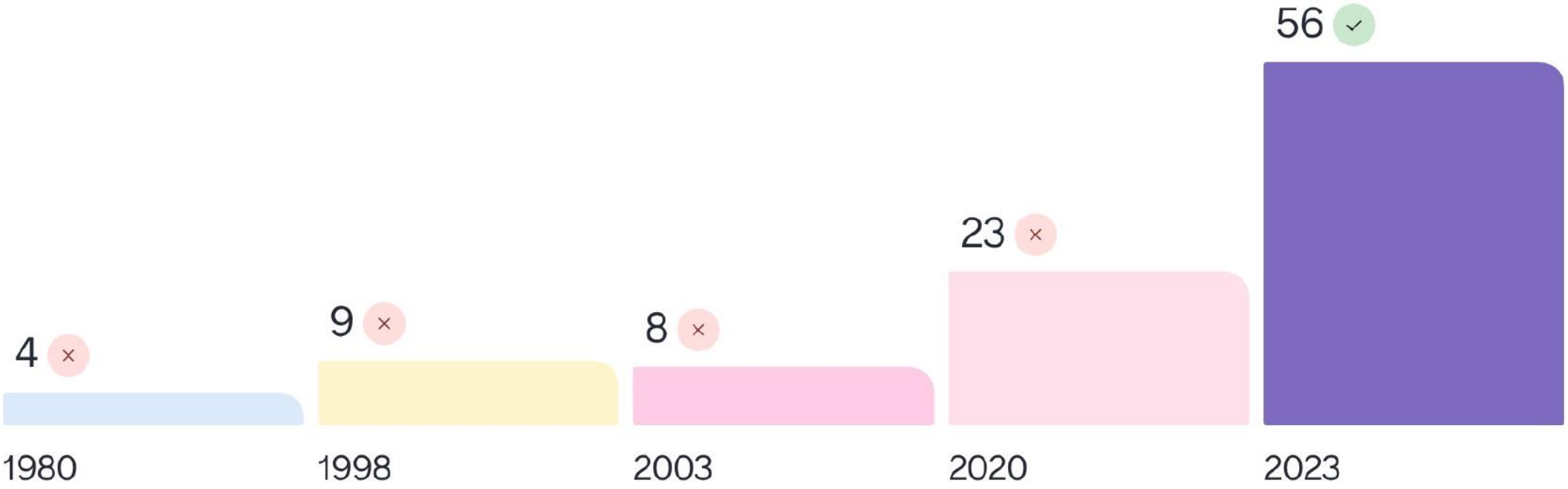
- **Background**
- **Actual Project Examples**
- **Summary**

Poll Question

- Significant changes were made to the FDM related to Stormwater Pollution Prevention Plan (FDM Chapter 251) development in which publication year?
  - 1980
  - 1998
  - 2003
  - 2020
  - 2023

Results

Significant changes were made to the FDM related to Stormwater Pollution Prevention Plan (FDM Chapter 251) development in which publication year?



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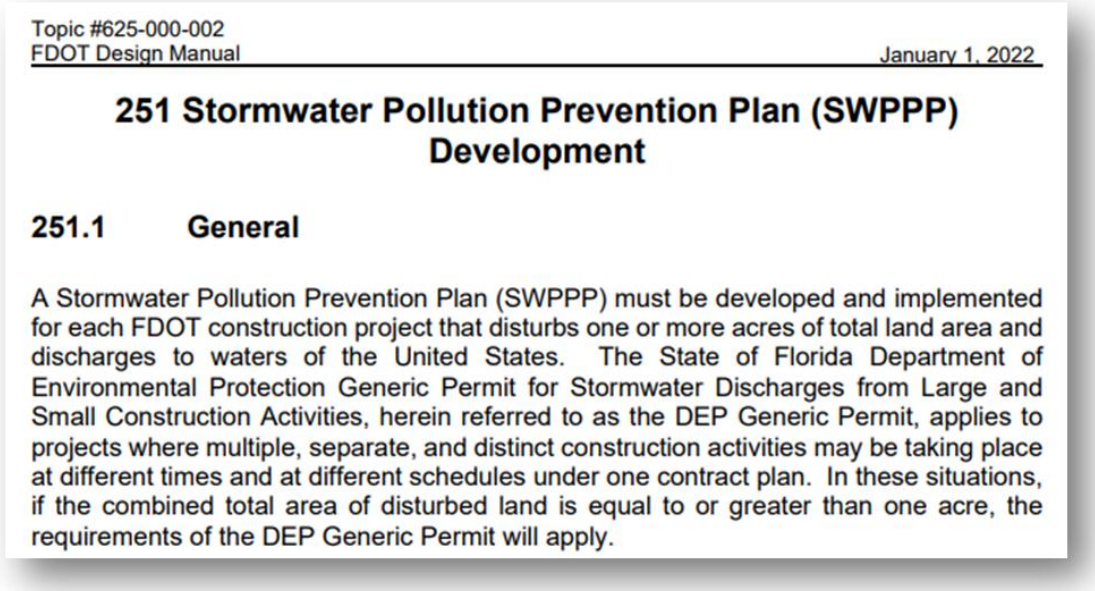
Answer

- 2023
- From 1992-2022 the FDM described the development of the Stormwater Pollution Prevention Plan



Topic #625-000-002
FDOT Design Manual January 1, 2022

251 Stormwater Pollution Prevention Plan (SWPPP) Development

251.1 General

A Stormwater Pollution Prevention Plan (SWPPP) must be developed and implemented for each FDOT construction project that disturbs one or more acres of total land area and discharges to waters of the United States. The State of Florida Department of Environmental Protection Generic Permit for Stormwater Discharges from Large and Small Construction Activities, herein referred to as the DEP Generic Permit, applies to projects where multiple, separate, and distinct construction activities may be taking place at different times and at different schedules under one contract plan. In these situations, if the combined total area of disturbed land is equal to or greater than one acre, the requirements of the DEP Generic Permit will apply.

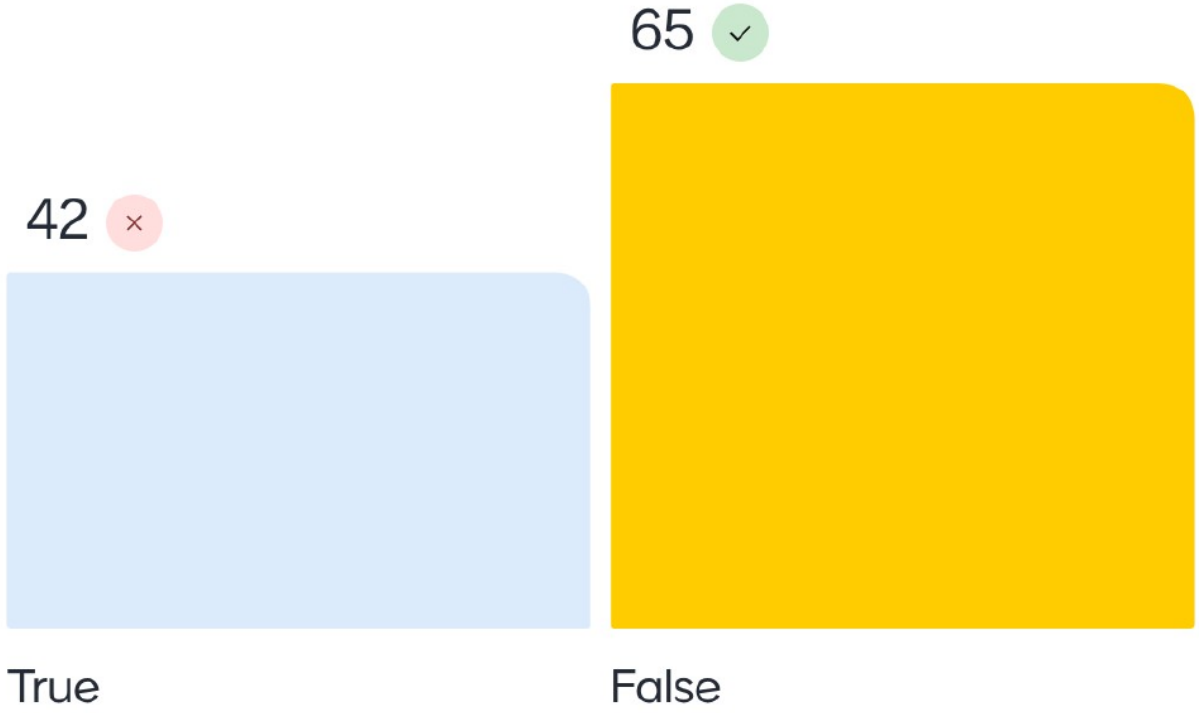
Poll Question

- True or False - The temporary erosion and sediment control plan are required to be signed and sealed

TRANSPORTATION SYMPOSIUM

Results

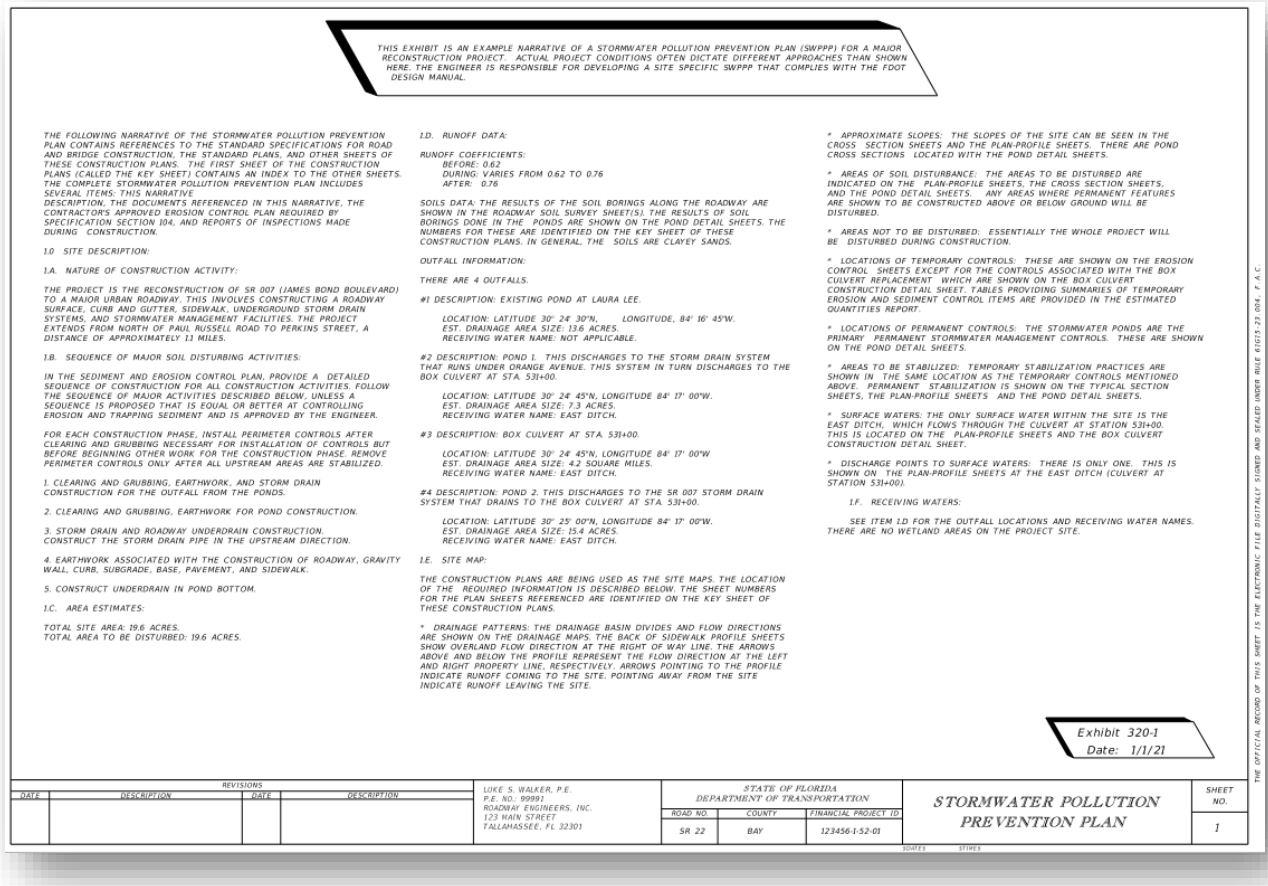
Temporary E&SC plans are required to be signed and sealed.



TRANSPORTATION SYMPOSIUM

Answer

- False
- “Living Document”
- Does not require engineering license to develop
- Not part of “final plan of development”



THIS EXHIBIT IS AN EXAMPLE NARRATIVE OF A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR A MAJOR RECONSTRUCTION PROJECT. ACTUAL PROJECT CONDITIONS OFTEN DICTATE DIFFERENT APPROACHES THAN SHOWN HERE. THE ENGINEER IS RESPONSIBLE FOR DEVELOPING A SITE SPECIFIC SWPPP THAT COMPLIES WITH THE FDOT DESIGN MANUAL.

THE FOLLOWING NARRATIVE OF THE STORMWATER POLLUTION PREVENTION PLAN CONTAINS REFERENCES TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE STANDARD PLANS, AND OTHER SHEETS OF THESE CONSTRUCTION PLANS. THE FIRST SHEET OF THE CONSTRUCTION PLANS (CALLED THE KEY SHEET) CONTAINS AN INDEX TO THE OTHER SHEETS. THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN INCLUDES SEVERAL ITEMS: THIS NARRATIVE DESCRIPTION, THE DOCUMENTS REFERENCED IN THIS NARRATIVE, THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN REQUIRED BY SPECIFICATION SECTION 104, AND REPORTS OF INSPECTIONS MADE DURING CONSTRUCTION.

1.0 SITE DESCRIPTION:

1.A. NATURE OF CONSTRUCTION ACTIVITY:

THE PROJECT IS THE RECONSTRUCTION OF SR 007 (JAMES BOND BOULEVARD) TO A MAJOR URBAN ROADWAY. THIS INVOLVES CONSTRUCTING A ROADWAY SURFACE, CURB AND GUTTER, SIDEWALK, UNDERGROUND STORM DRAIN SYSTEMS, AND STORMWATER MANAGEMENT FACILITIES. THE PROJECT EXTENDS FROM NORTH OF PAUL RUSSELL ROAD TO PERKINS STREET, A DISTANCE OF APPROXIMATELY 1.1 MILES.

1.B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, PROVIDE A DETAILED SEQUENCE OF CONSTRUCTION FOR ALL CONSTRUCTION ACTIVITIES. FOLLOW THE SEQUENCE OF MAJOR ACTIVITIES DESCRIBED BELOW, UNLESS A SEQUENCE IS PROPOSED THAT IS EQUAL OR BETTER AT CONTROLLING EROSION AND TRAPPING SEDIMENT AND IS APPROVED BY THE ENGINEER.

FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

1. CLEARING AND GRUBBING, EARTHWORK, AND STORM DRAIN CONSTRUCTION FOR THE OUTFALL FROM THE PONDS.

2. CLEARING AND GRUBBING, EARTHWORK FOR POND CONSTRUCTION.

3. STORM DRAIN AND ROADWAY UNDERDRAIN CONSTRUCTION. CONSTRUCT THE STORM DRAIN PIPE IN THE UPSTREAM DIRECTION.

4. EARTHWORK ASSOCIATED WITH THE CONSTRUCTION OF ROADWAY, GRAVITY WALL, CURB, SUBGRADE, BASE, PAVEMENT, AND SIDEWALK.

5. CONSTRUCT UNDERDRAIN IN POND BOTTOM.

1.C. AREA ESTIMATES:

TOTAL SITE AREA: 19.6 ACRES.
TOTAL AREA TO BE DISTURBED: 19.6 ACRES.

1.D. RUNOFF DATA:

RUNOFF COEFFICIENTS:
BEFORE: 0.62
DURING: VARIES FROM 0.62 TO 0.76
AFTER: 0.76

SOILS DATA: THE RESULTS OF THE SOIL BORINGS ALONG THE ROADWAY ARE SHOWN IN THE ROADWAY SOIL SURVEY SHEET(S). THE RESULTS OF SOIL BORINGS DONE IN THE PONDS ARE SHOWN ON THE POND DETAIL SHEETS. THE NUMBERS FOR THESE ARE IDENTIFIED ON THE KEY SHEET OF THESE CONSTRUCTION PLANS. IN GENERAL, THE SOILS ARE CLAYEY SANDS.

OUTFALL INFORMATION:

THERE ARE 4 OUTFALLS.

#1 DESCRIPTION: EXISTING POND AT LAURA LEE.

LOCATION: LATITUDE 30° 24' 30"N, LONGITUDE, 84° 16' 45"W.
EST. DRAINAGE AREA SIZE: 13.6 ACRES.
RECEIVING WATER NAME: NOT APPLICABLE.

#2 DESCRIPTION: POND 1. THIS DISCHARGES TO THE STORM DRAIN SYSTEM THAT RUNS UNDER ORANGE AVENUE. THIS SYSTEM IN TURN DISCHARGES TO THE BOX CULVERT AT STA. 531+00.

LOCATION: LATITUDE 30° 24' 45"N, LONGITUDE 84° 17' 00"W.
EST. DRAINAGE AREA SIZE: 7.3 ACRES.
RECEIVING WATER NAME: EAST DITCH.

#3 DESCRIPTION: BOX CULVERT AT STA. 531+00.

LOCATION: LATITUDE 30° 24' 45"N, LONGITUDE 84° 17' 00"W
EST. DRAINAGE AREA SIZE: 4.2 SQUARE MILES.
RECEIVING WATER NAME: EAST DITCH.

#4 DESCRIPTION: POND 2. THIS DISCHARGES TO THE SR 007 STORM DRAIN SYSTEM THAT DRAINS TO THE BOX CULVERT AT STA. 531+00.

LOCATION: LATITUDE 30° 25' 00"N, LONGITUDE 84° 17' 00"W.
EST. DRAINAGE AREA SIZE: 15.4 ACRES.
RECEIVING WATER NAME: EAST DITCH.

1.E. SITE MAP:

THE CONSTRUCTION PLANS ARE BEING USED AS THE SITE MAPS. THE LOCATION OF THE REQUIRED INFORMATION IS DESCRIBED BELOW. THE SHEET NUMBERS FOR THE PLAN SHEETS REFERENCED ARE IDENTIFIED ON THE KEY SHEET OF THESE CONSTRUCTION PLANS.

* DRAINAGE PATTERNS: THE DRAINAGE BASIN DIVIDES AND FLOW DIRECTIONS ARE SHOWN ON THE DRAINAGE MAPS. THE BACK OF SIDEWALK PROFILE SHEETS SHOW OVERLAND FLOW DIRECTION AT THE RIGHT OF WAY LINE. THE ARROWS ABOVE AND BELOW THE PROFILE REPRESENT THE FLOW DIRECTION AT THE LEFT AND RIGHT PROPERTY LINE, RESPECTIVELY. ARROWS POINTING TO THE PROFILE INDICATE RUNOFF COMING TO THE SITE. POINTING AWAY FROM THE SITE INDICATE RUNOFF LEAVING THE SITE.

* APPROXIMATE SLOPES: THE SLOPES OF THE SITE CAN BE SEEN IN THE CROSS SECTION SHEETS AND THE PLAN-PROFILE SHEETS. THERE ARE POND CROSS SECTIONS LOCATED WITH THE POND DETAIL SHEETS.

* AREAS OF SOIL DISTURBANCE: THE AREAS TO BE DISTURBED ARE INDICATED ON THE PLAN-PROFILE SHEETS, THE CROSS SECTION SHEETS, AND THE POND DETAIL SHEETS. ANY AREAS WHERE PERMANENT FEATURES ARE SHOWN TO BE CONSTRUCTED ABOVE OR BELOW GROUND WILL BE DISTURBED.

* AREAS NOT TO BE DISTURBED: ESSENTIALLY THE WHOLE PROJECT WILL BE DISTURBED DURING CONSTRUCTION.

* LOCATIONS OF TEMPORARY CONTROLS: THESE ARE SHOWN ON THE EROSION CONTROL SHEETS EXCEPT FOR THE CONTROLS ASSOCIATED WITH THE BOX CULVERT REPLACEMENT WHICH ARE SHOWN ON THE BOX CULVERT CONSTRUCTION DETAIL SHEET. TABLES PROVIDING SUMMARIES OF TEMPORARY EROSION AND SEDIMENT CONTROL ITEMS ARE PROVIDED IN THE ESTIMATED QUANTITIES REPORT.

* LOCATIONS OF PERMANENT CONTROLS: THE STORMWATER PONDS ARE THE PRIMARY PERMANENT STORMWATER MANAGEMENT CONTROLS. THESE ARE SHOWN ON THE POND DETAIL SHEETS.

* AREAS TO BE STABILIZED: TEMPORARY STABILIZATION PRACTICES ARE SHOWN IN THE SAME LOCATION AS THE TEMPORARY CONTROLS MENTIONED ABOVE. PERMANENT STABILIZATION IS SHOWN ON THE TYPICAL SECTION SHEETS, THE PLAN-PROFILE SHEETS AND THE POND DETAIL SHEETS.

* SURFACE WATERS: THE ONLY SURFACE WATER WITHIN THE SITE IS THE EAST DITCH, WHICH FLOWS THROUGH THE CULVERT AT STATION 531+00. THIS IS LOCATED ON THE PLAN-PROFILE SHEETS AND THE BOX CULVERT CONSTRUCTION DETAIL SHEET.

* DISCHARGE POINTS TO SURFACE WATERS: THERE IS ONLY ONE. THIS IS SHOWN ON THE PLAN-PROFILE SHEETS AT THE EAST DITCH (CULVERT AT STATION 531+00).

1.F. RECEIVING WATERS:

SEE ITEM 1.D FOR THE OUTFALL LOCATIONS AND RECEIVING WATER NAMES. THERE ARE NO WETLAND AREAS ON THE PROJECT SITE.

Exhibit 320-1
Date: 1/1/21

REVISIONS
DATE | DESCRIPTION | DATE | DESCRIPTION

LUKE S. WALKER, P.E.
P.E. NO.: 99991
ROADWAY ENGINEERS, INC.
123 MAIN STREET
TALLAHASSEE, FL 32301

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 22	BAY	123456-1-52-01

STORMWATER POLLUTION PREVENTION PLAN

SHEET NO. 1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

TRANSPORTATION SYMPOSIUM

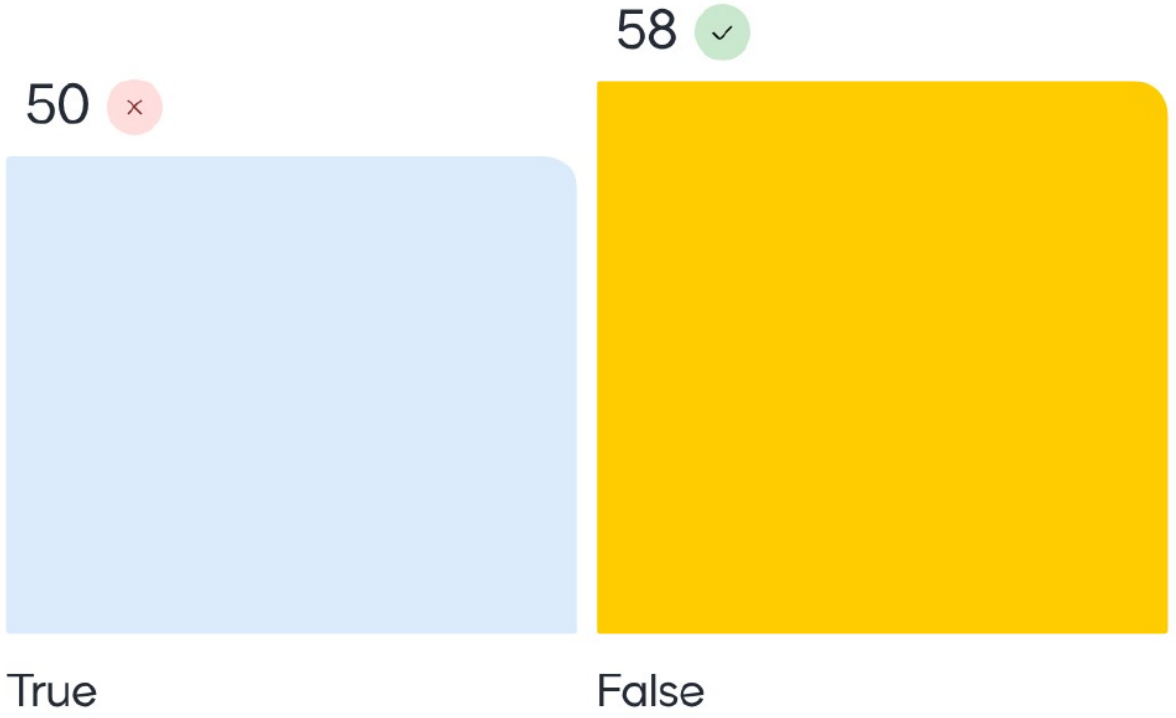
Poll Question

- True or False - Temporary erosion and sediment control plans are required be included in the contract plan set?

TRANSPORTATION SYMPOSIUM

Results

Temporary E&SC plans are included in the FDOT contract plan set.



TRANSPORTATION SYMPOSIUM

Answer

- False
- “Living Document”
- Providing in contact plan creates conflicting permitting documents
  - ERP plan (60-90%)
  - Contract plan (Final)
  - Contractor plan (NPDES)

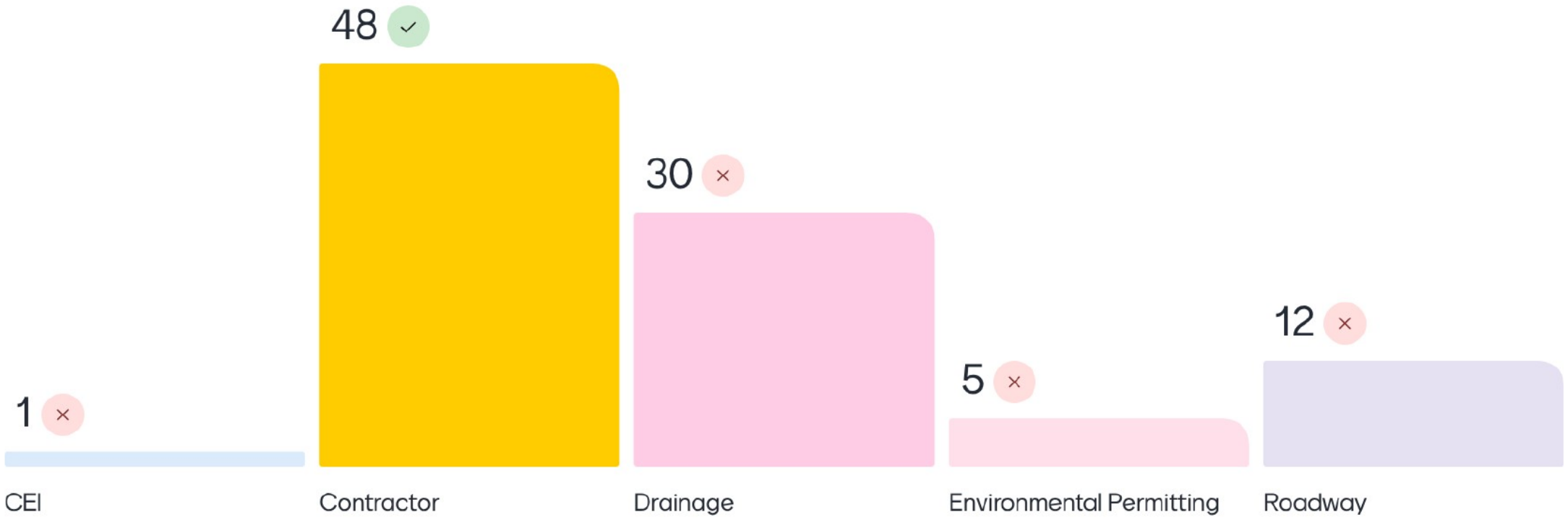
Poll Question

- Who is responsible for developing SWPPP and Erosion and Sediment Control Sheets
  - CEI
  - Contractor
  - Drainage
  - Environmental Permitting
  - Roadway

TRANSPORTATION SYMPOSIUM

Results

Who is responsible for developing SWPPP and E&SC plans?



TRANSPORTATION SYMPOSIUM

Answer

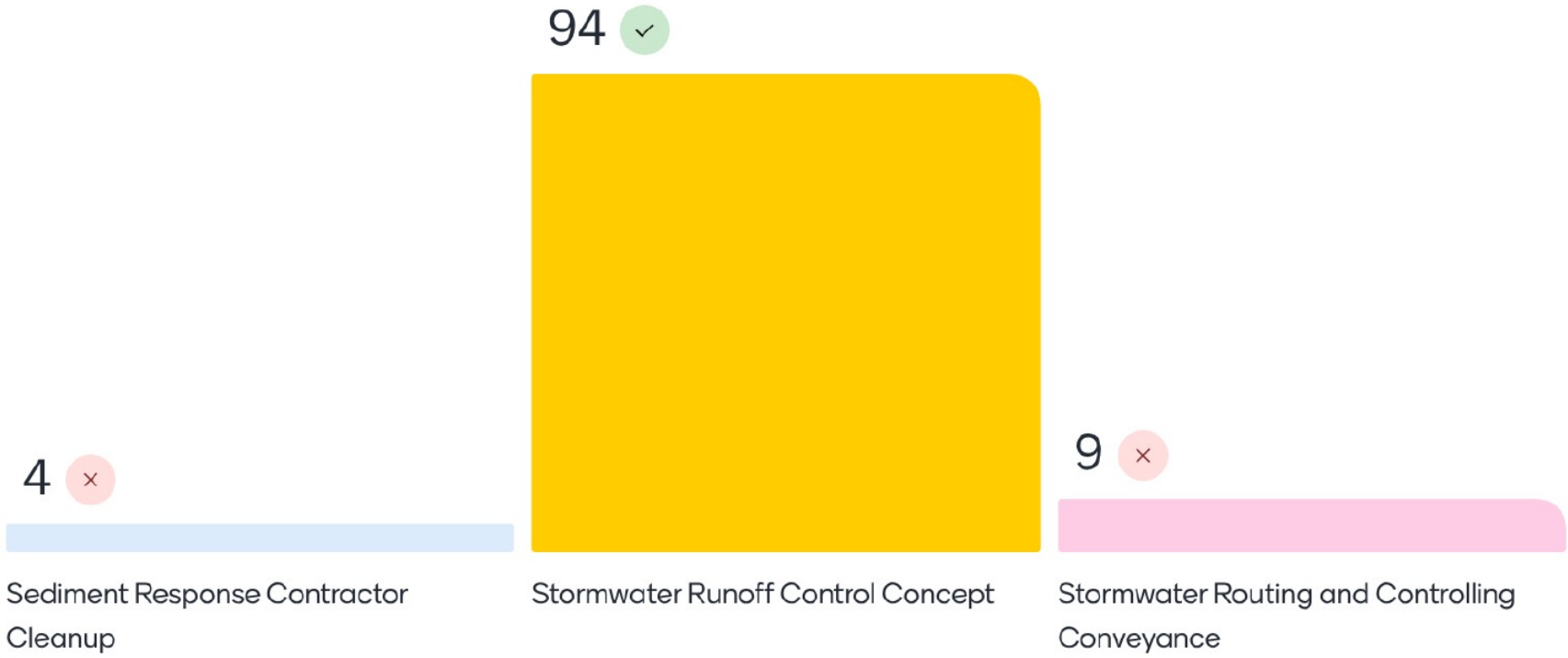
- Contractor
- The SWPPP and Erosion and sediment control plan are requirements of the NPDES CGP which is obtained by the contractor

Poll Question

- What does SRCC stand for?
  - Sediment Response Contractor Cleanup
  - Stormwater Runoff Control Concept
  - Stormwater Routing and Controlling Conveyance

Results

What does SRCC stand for?



TRANSPORTATION SYMPOSIUM

Answer

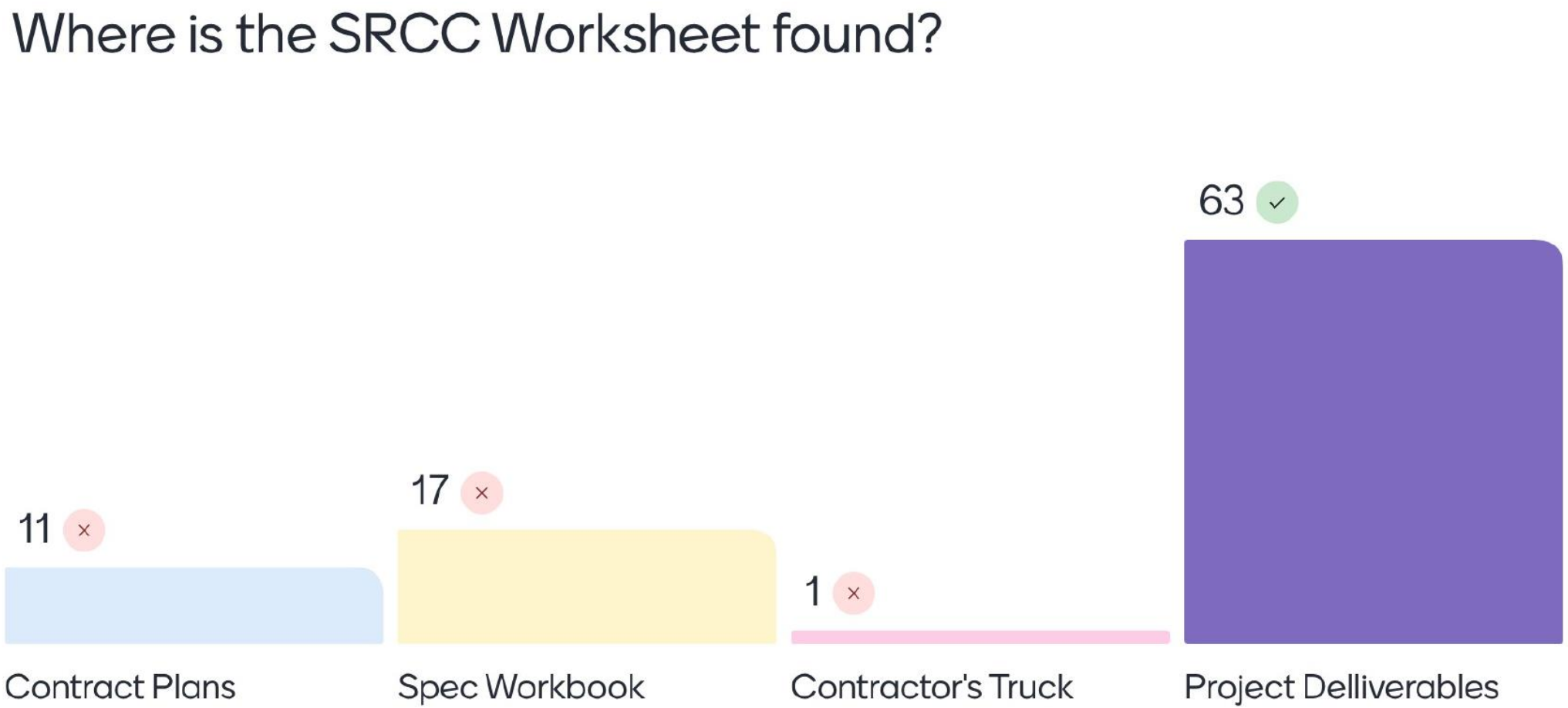
- Stormwater Runoff Control Concept (SRCC)
- Developed to eliminate confusion resulting from a SWPPP developed by Designer and SWPPP required by Contractor

Poll Question

- Where is the SRCC Worksheet found?
  - Contact plans
  - Spec Workbook
  - Contractor's Truck
  - Project Deliverables

TRANSPORTATION SYMPOSIUM

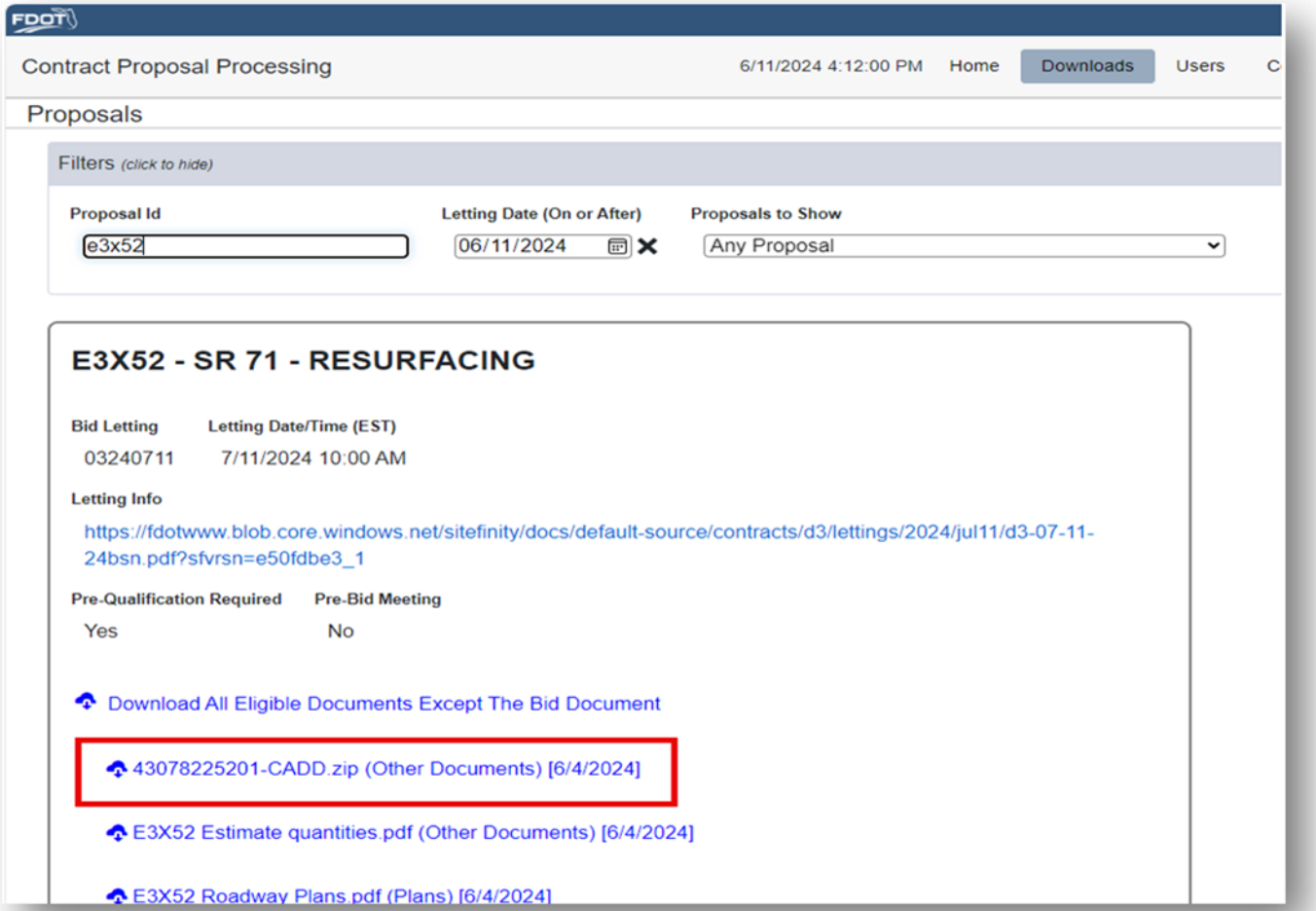
Results



TRANSPORTATION SYMPOSIUM

Answer

- Project Deliverables
- Eliminates creating a signed and sealed living document



TRANSPORTATION SYMPOSIUM

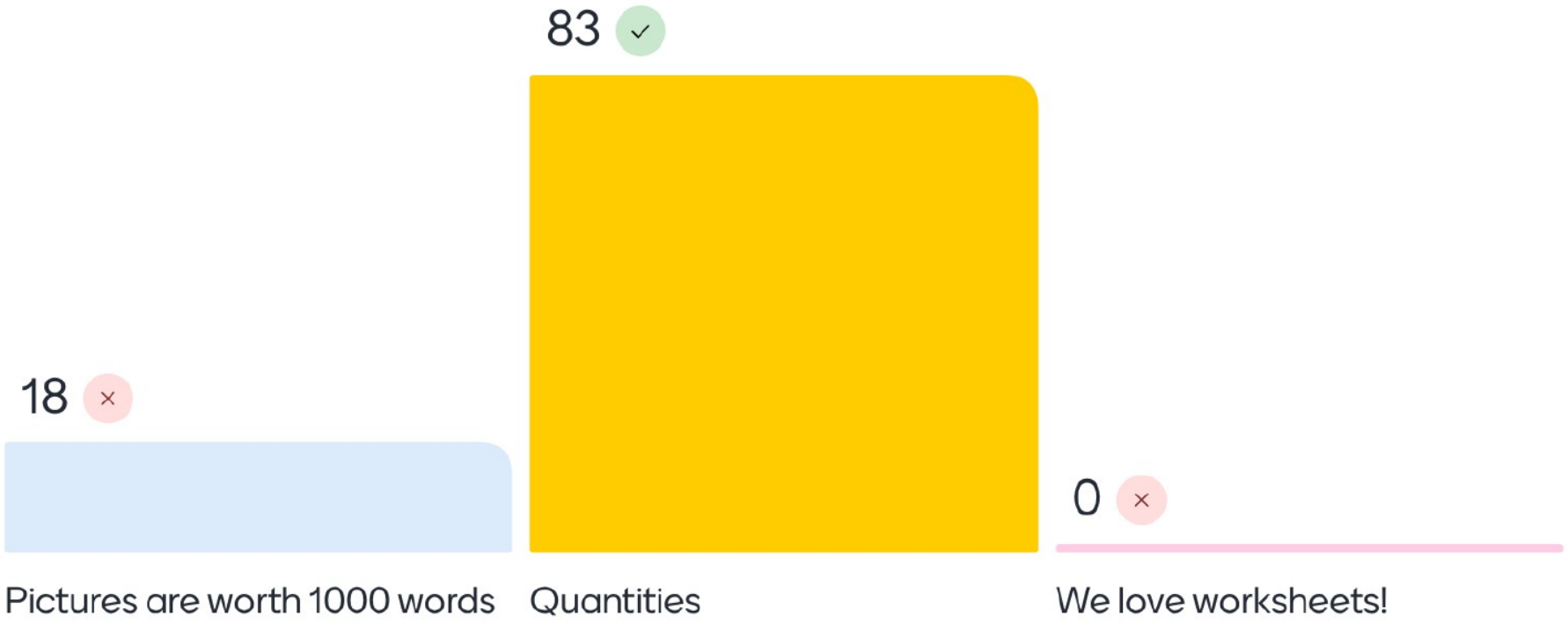
Poll Question

- The purpose of the SRCC Worksheet is to provide:
  A. Pictures are worth 1000 words
  B. Quantities
  C. We love Worksheets ☺

TRANSPORTATION SYMPOSIUM

Results

The purpose of the SRCC Worksheet is to provide:



TRANSPORTATION SYMPOSIUM

Answer

- Quantites
- SRCC Worksheet provides a site base map to determine locations of temporary BMPs and provides initial quantity estimate to be used for bidding purposes
- Quantities are displayed on EQ Report

Summary of Erosion Control and Sediment Control Devices

Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
0104 1	ARTIFICIAL COVERINGS	SY	1.5		2		SR 13	-	-	-	-		
0104 10 3	SEDIMENT BARRIER	LF	30.0		87		SR 13	204+64.07	204+78.62	LT	51542		
			15.0				SR 13	204+78.73	204+92.79	LT	51546		
			25.0				SR 13	205+12.27	205+20.78	LT	51549		
			17.0				SR 13	205+34.52	205+50.73	LT	51550		
0104 18	INLET PROTECTION SYSTEM	EA	1		2		SR 13	202+35.00	202+35.00	LT	50697		
			1				SR 13	207+40.00	207+40.00	LT	50696		
...													

TRANSPORTATION SYMPOSIUM

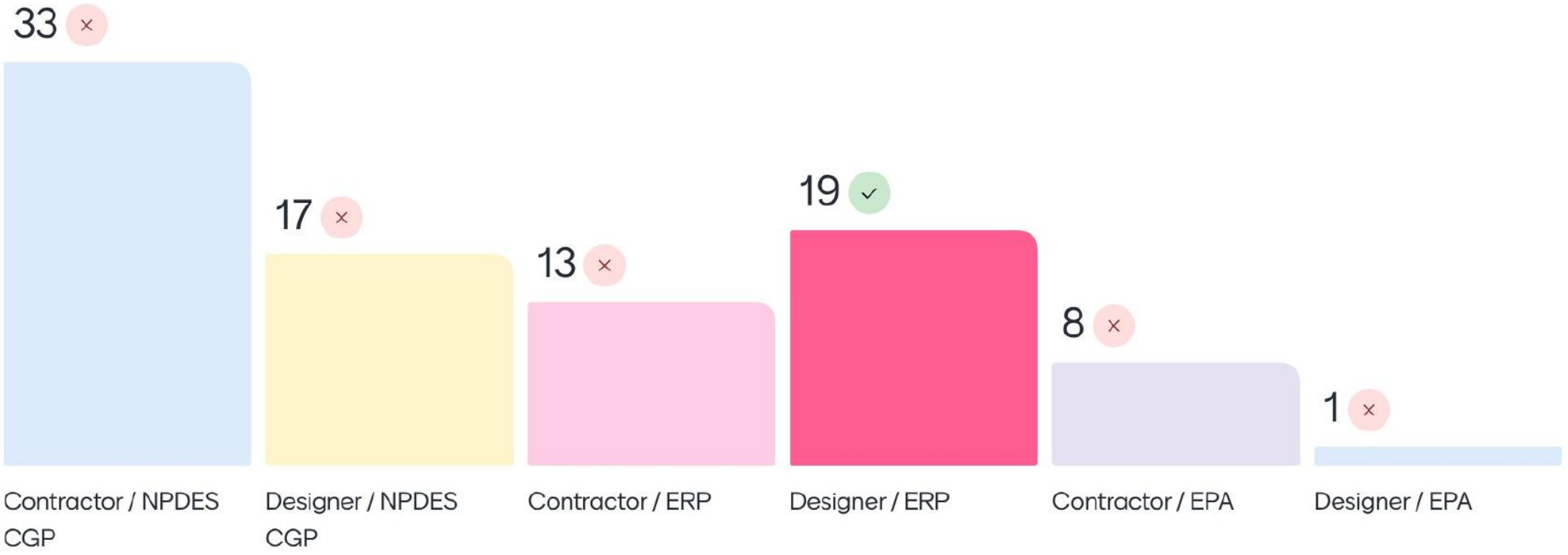
Poll Question

- FDM 251-A is filled out by _____ and is used for _____
  - Contractor / NPDES
  - Designer / NPDES
  - Contractor / ERP
  - Designer / ERP
  - Contractor / EPA
  - Designer / EPA

TRANSPORTATION SYMPOSIUM

Results

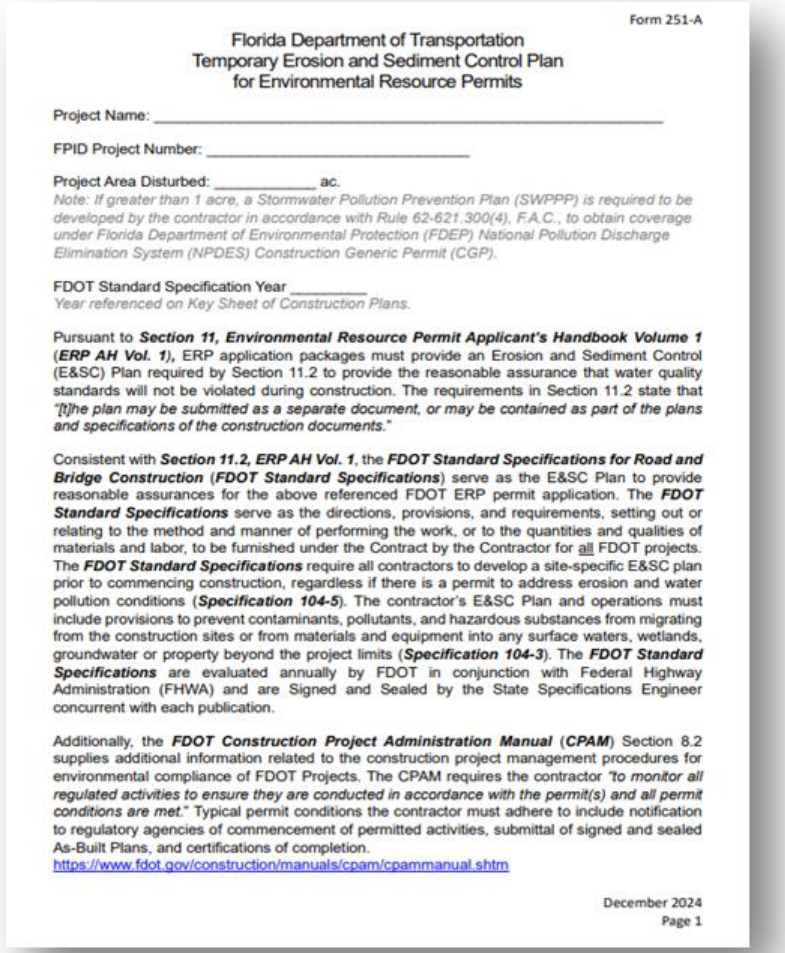
FDM Form 251-A is filled out by ____ and is used for ____ .



TRANSPORTATION SYMPOSIUM

Answer

- FDM 251-A is filled out by Designer and is used for ERP
- Was developed in accordance with Applicants Handbook Vol. 1
- Provides narrative crosswalk of FDOT Specifications
- Provides reasonable assurance that temporary erosion and sediment control will be provided
- If RAI is received, please contact CO for standard response



Form 251-A

Florida Department of Transportation
Temporary Erosion and Sediment Control Plan
for Environmental Resource Permits

Project Name: _____

FPID Project Number: _____

Project Area Disturbed: _____ ac.
Note: If greater than 1 acre, a Stormwater Pollution Prevention Plan (SWPPP) is required to be developed by the contractor in accordance with Rule 62-621.300(4), F.A.C., to obtain coverage under Florida Department of Environmental Protection (FDEP) National Pollution Discharge Elimination System (NPDES) Construction Generic Permit (CGP).

FDOT Standard Specification Year _____
Year referenced on Key Sheet of Construction Plans.

Pursuant to ***Section 11, Environmental Resource Permit Applicant's Handbook Volume 1 (ERP AH Vol. 1),*** ERP application packages must provide an Erosion and Sediment Control (E&SC) Plan required by Section 11.2 to provide the reasonable assurance that water quality standards will not be violated during construction. The requirements in Section 11.2 state that *"[t]he plan may be submitted as a separate document, or may be contained as part of the plans and specifications of the construction documents."*

Consistent with ***Section 11.2, ERP AH Vol. 1***, the ***FDOT Standard Specifications for Road and Bridge Construction*** (***FDOT Standard Specifications***) serve as the E&SC Plan to provide reasonable assurances for the above referenced FDOT ERP permit application. The ***FDOT Standard Specifications*** serve as the directions, provisions, and requirements, setting out or relating to the method and manner of performing the work, or to the quantities and qualities of materials and labor, to be furnished under the Contract by the Contractor for all FDOT projects. The ***FDOT Standard Specifications*** require all contractors to develop a site-specific E&SC plan prior to commencing construction, regardless if there is a permit to address erosion and water pollution conditions (***Specification 104-5***). The contractor's E&SC Plan and operations must include provisions to prevent contaminants, pollutants, and hazardous substances from migrating from the construction sites or from materials and equipment into any surface waters, wetlands, groundwater or property beyond the project limits (***Specification 104-3***). The ***FDOT Standard Specifications*** are evaluated annually by FDOT in conjunction with Federal Highway Administration (FHWA) and are Signed and Sealed by the State Specifications Engineer concurrent with each publication.

Additionally, the ***FDOT Construction Project Administration Manual*** (***CPAM***) Section 8.2 supplies additional information related to the construction project management procedures for environmental compliance of FDOT Projects. The CPAM requires the contractor *"to monitor all regulated activities to ensure they are conducted in accordance with the permit(s) and all permit conditions are met."* Typical permit conditions the contractor must adhere to include notification to regulatory agencies of commencement of permitted activities, submittal of signed and sealed As-Built Plans, and certifications of completion.
https://www.fdot.gov/construction/manuals/cpam/cpammanual.shtm

December 2024
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TRANSPORTATION SYMPOSIUM

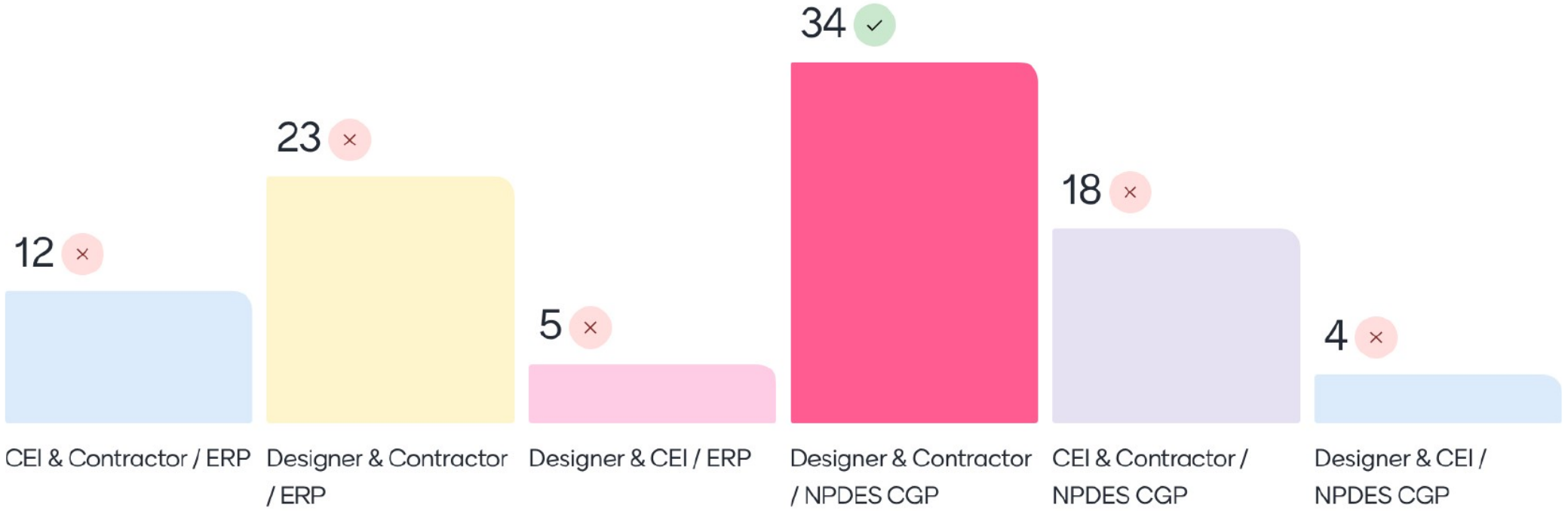
Poll Question

- FDM 251-B is filled out by _____ and _____ and may be used for _____
  - CEI + Contractor / ERP
  - Designer + Contractor / ERP
  - Designer + CEI / ERP
  - Designer + Contractor / NPDES
  - CEI + Contractor / NPDES
  - Designer + CEI / NPDES

TRANSPORTATION SYMPOSIUM

Results

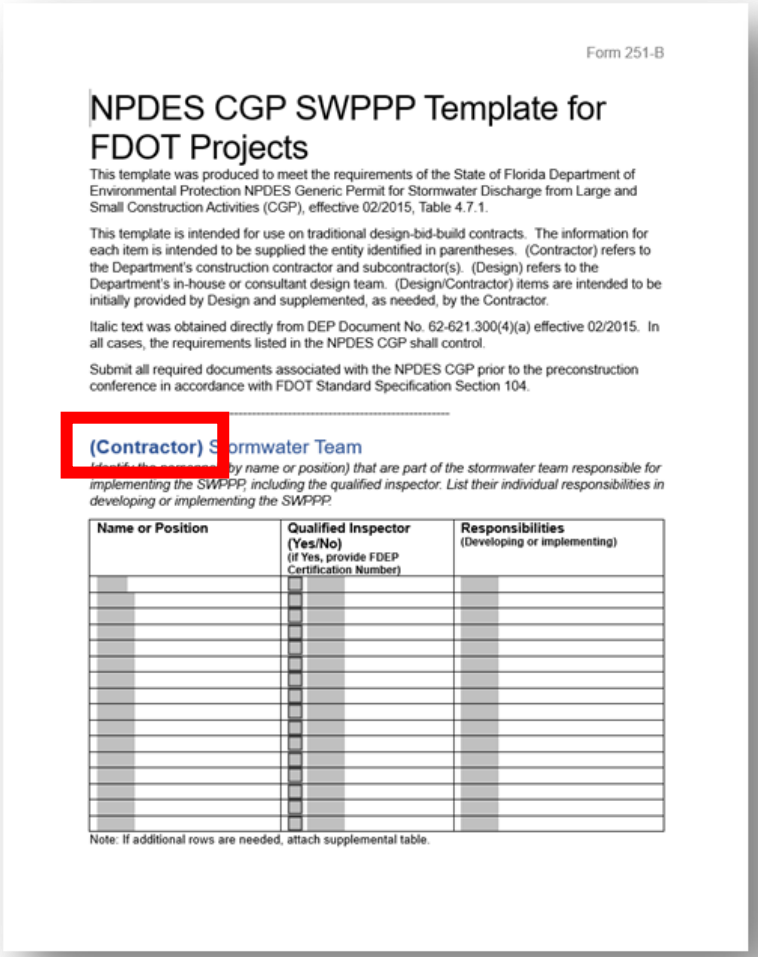
FDM Form 251-B is filled out by _____ and _____ and may be used for _____ permitting.



TRANSPORTATION SYMPOSIUM

Answer

- FDM 251-B is filled out by Designer and Contractor and may be used for NPDES CGP
- Use of this template by Contractor is optional.
- FDEP also provides a generic template on their website



Form 251-B

NPDES CGP SWPPP Template for FDOT Projects

This template was produced to meet the requirements of the State of Florida Department of Environmental Protection NPDES Generic Permit for Stormwater Discharge from Large and Small Construction Activities (CGP), effective 02/2015, Table 4.7.1.

This template is intended for use on traditional design-bid-build contracts. The information for each item is intended to be supplied the entity identified in parentheses. (Contractor) refers to the Department's construction contractor and subcontractor(s). (Design) refers to the Department's in-house or consultant design team. (Design/Contractor) items are intended to be initially provided by Design and supplemented, as needed, by the Contractor.

Italic text was obtained directly from DEP Document No. 62-621.300(4)(a) effective 02/2015. In all cases, the requirements listed in the NPDES CGP shall control.

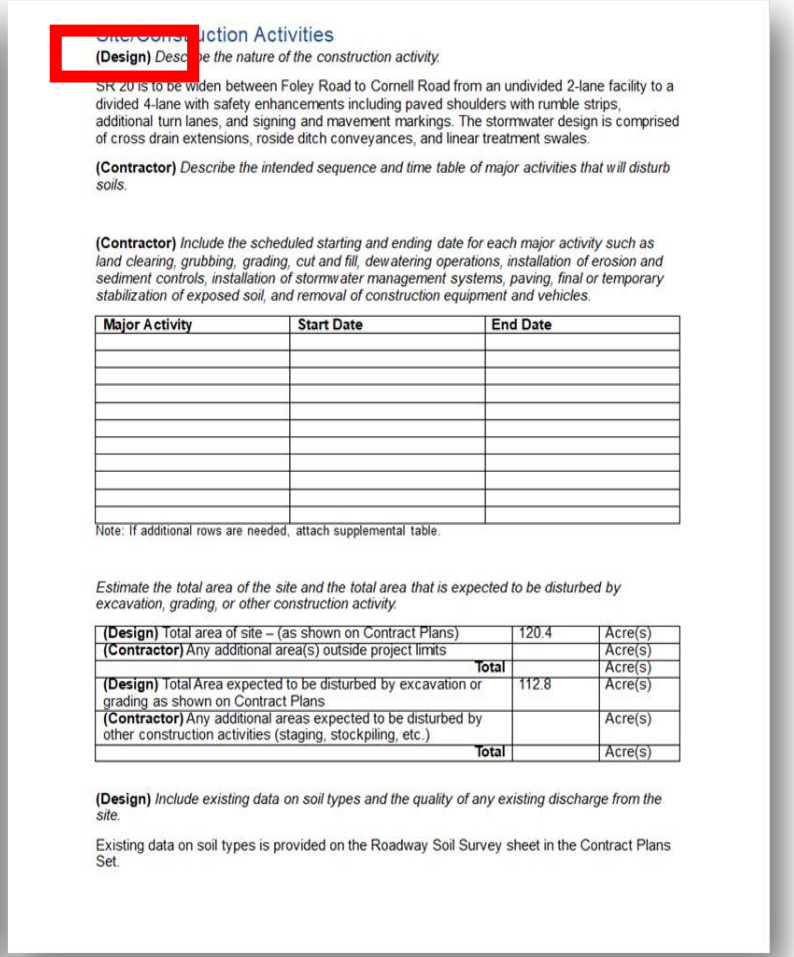
Submit all required documents associated with the NPDES CGP prior to the preconstruction conference in accordance with FDOT Standard Specification Section 104.

(Contractor) Stormwater Team

(Identify the personnel (by name or position) that are part of the stormwater team responsible for implementing the SWPPP, including the qualified inspector. List their individual responsibilities in developing or implementing the SWPPP.

Name or Position	Qualified Inspector (Yes/No) (if Yes, provide FDEP Certification Number)	Responsibilities (Developing or implementing)

Note: If additional rows are needed, attach supplemental table.



Site/Construction Activities

(Design) *Describe the nature of the construction activity.*

SR 20 is to be widen between Foley Road to Cornell Road from an undivided 2-lane facility to a divided 4-lane with safety enhancements including paved shoulders with rumble strips, additional turn lanes, and signing and mavement markings. The stormwater design is comprised of cross drain extensions, roside ditch conveyances, and linear treatment swales.

(Contractor) *Describe the intended sequence and time table of major activities that will disturb soils.*

(Contractor) *Include the scheduled starting and ending date for each major activity such as land clearing, grubbing, grading, cut and fill, dewatering operations, installation of erosion and sediment controls, installation of stormwater management systems, paving, final or temporary stabilization of exposed soil, and removal of construction equipment and vehicles.*

Major Activity	Start Date	End Date

Note: If additional rows are needed, attach supplemental table.

Estimate the total area of the site and the total area that is expected to be disturbed by excavation, grading, or other construction activity.

(Design) Total area of site – (as shown on Contract Plans)	120.4	Acre(s)
(Contractor) Any additional area(s) outside project limits		Acre(s)
Total		Acre(s)
(Design) Total Area expected to be disturbed by excavation or grading as shown on Contract Plans	112.8	Acre(s)
(Contractor) Any additional areas expected to be disturbed by other construction activities (staging, stockpiling, etc.)		Acre(s)
Total		Acre(s)

(Design) *Include existing data on soil types and the quality of any existing discharge from the site.*

Existing data on soil types is provided on the Roadway Soil Survey sheet in the Contract Plans Set.

TRANSPORTATION SYMPOSIUM

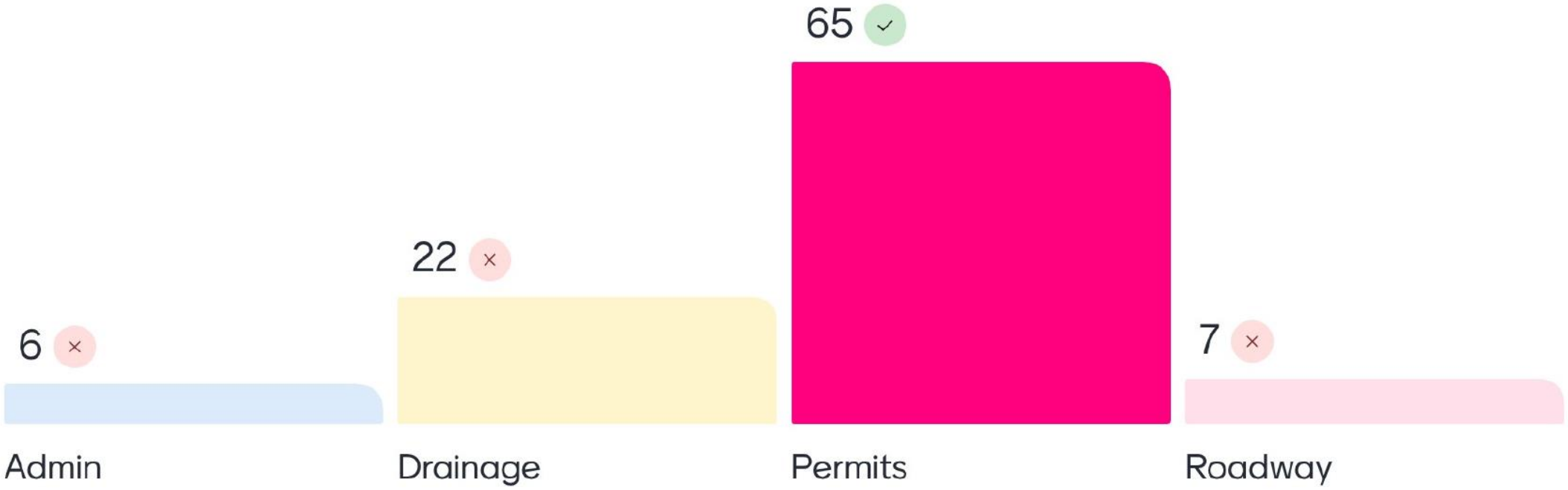
Poll Question

- The SRCC Worksheet is found within which folder of the BIM.zip or CADD.zip Directory?
  - Root
  - Admin
  - Permits
  - Drainage
  - Roadway

TRANSPORTATION SYMPOSIUM

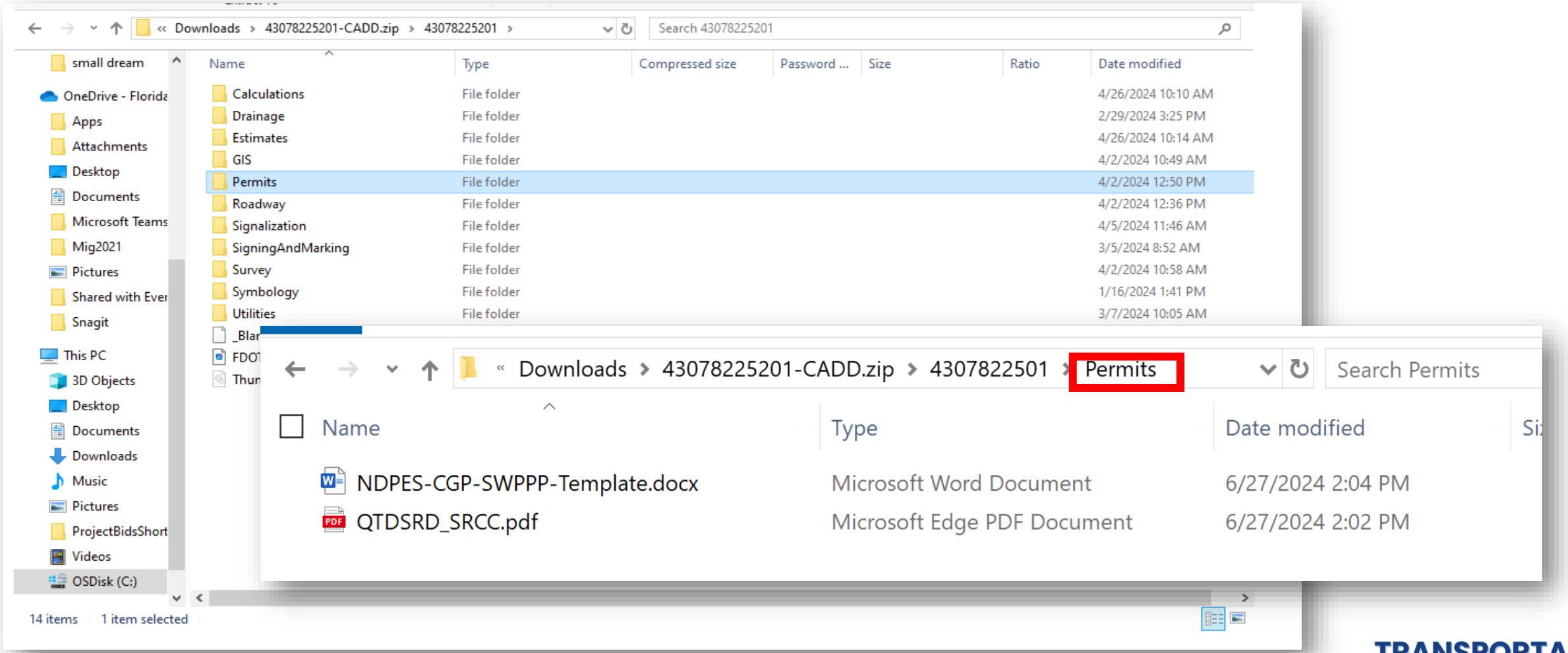
Results

The FDM Forms and SRCC Worksheet are found within which folder of the BIM.zip or CADD.zip directory?



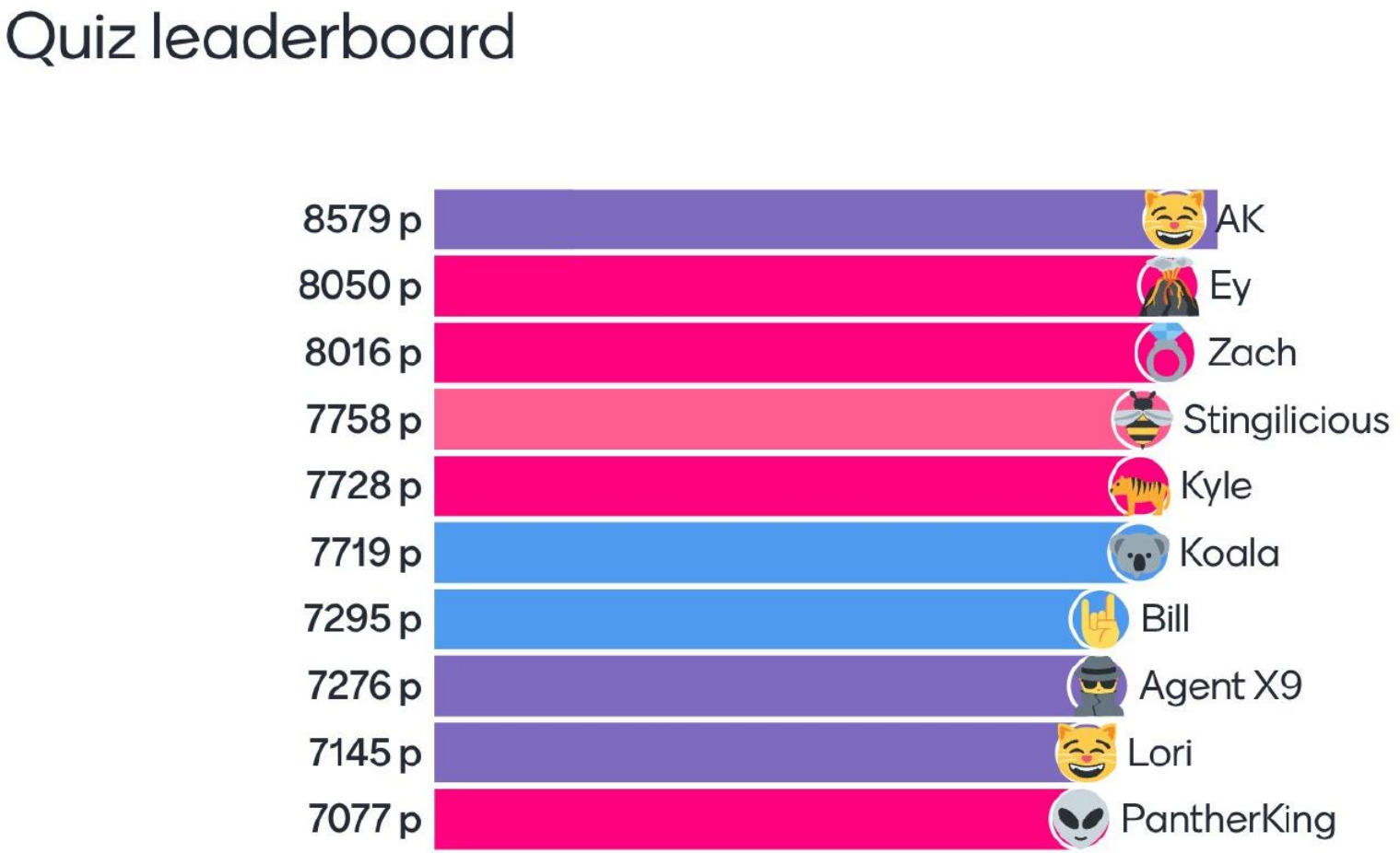
TRANSPORTATION SYMPOSIUM

Answer



TRANSPORTATION SYMPOSIUM

Winner!



TRANSPORTATION SYMPOSIUM

Thank you for participating

2026 FDM Chapter 251

- Clarified – SRCC Worksheet is not to be included with ERP application
- Contractor received copies of all permits
  - Creates potential for conflict

Implementation

TRANSPORTATION
SYMPOSIUM

Real Examples

Erosion and Sedimentation Control Plan (ESCP)

Date: 12/16/2024

[redacted]

Project Description: The project is the reconstruction of the I-4/SR 33 intersection in Polk County. This involves reconstructing the existing SR 33 intersections with the I-4 ramp to two-lane roundabouts with pedestrian crossings and providing enhancements between the two intersections, including concrete sidewalks and curb and gutter. The project extends a distance of 3.75 miles.

Submitted by CONTRACTOR (Name, address, phone):

[redacted]

Submitted to: Corradino Group
Florida Department of Transportation

A checked box indicates each component has been read and understood.

☑ THE CONTRACTOR will apply the Erosion and Sedimentation Control Plan that is displayed on the SWPPP plan set. Recommended Best Management Practices (BMPs) will be used for erosion, sedimentation, and pollution controls. **FDOT Spec 104-5**

☑ The estimated length of time erosion control devices will be in operation is 1500 days. **FDOT Spec 104-5**

☑ THE CONTRACTOR will be utilizing the locations specified in the attached plan set to install the erosion control measures throughout the project. THE CONTRACTOR will install additional measures not specified in these plan sheets if the approved measures are not performing as needed to comply with Federal and State Stormwater Regulation, any applicable permits issued for this project, or when directed to by the Engineer. **FDOT Spec 104-5**

☑ THE CONTRACTOR will install erosion control measures prior to starting any earthwork activities and will leave these measures in place until after construction is complete or permanent stabilization has been established. All ditch bottom inlets, culverts, or any other water control structures on the job will have erosion control devices installed prior to the project commencing or any maintenance work occurring. All other erosion control devices will be installed prior to any earthmoving or earth disturbing work. **FDOT Spec 104-6**

☑ Should dewatering activity become necessary, THE CONTRACTOR will apply for, obtain, and comply with all permits for this activity. **FDOT Specs 7-2.1 and 455-28.**

1

THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IS PROVIDED TO ASSIST THE CONTRACTOR IN DEVELOPING THE REQUIRED SITE SPECIFIC EROSION CONTROL PLAN AND OTHER ITEMS NECESSARY TO OBTAIN COVERAGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) CONSTRUCTION GENERIC PERMIT (CGP). REFER TO THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL FOR ADDITIONAL REQUIREMENTS.

1.0 SITE DESCRIPTION:

(1.A.) NATURE OF CONSTRUCTION ACTIVITY:

THE PROJECT IS THE RECONSTRUCTION OF THE I-4/SR 33 INTERSECTION IN POLK COUNTY. THIS INVOLVES RECONSTRUCTING THE EXISTING SR 33 INTERSECTIONS WITH THE I-4 RAMP TO TWO-LANE ROUNDABOUTS WITH PEDESTRIAN CROSSINGS AND PROVIDING ENHANCEMENTS BETWEEN THE TWO INTERSECTIONS, INCLUDING CONCRETE SIDEWALKS AND CURB AND GUTTER. THE PROJECT EXTENDS A DISTANCE OF 3.75 MILES.

(1.B.) INTENDED SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

IN THE CONTRACTOR'S SITE SPECIFIC EROSION AND SEDIMENT CONTROL PLAN, PREPARE A DETAILED CONSTRUCTION SCHEDULE TO INDICATE DATES OF MAJOR GRADING ACTIVITIES AND SEQUENCES OF TEMPORARY AND PERMANENT SOIL DISTURBING ACTIVITIES ON ALL PORTIONS OF THE PROJECT. FOR ADDITIONAL INFORMATION, REFER TO SECTION 4.7 OF THE NPDES CGP.

LIST OF INTENDED ACTIVITIES:

(1.B.1.) FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS PRIOR TO CLEARING AND GRUBBING OR ANY OTHER CONSTRUCTION ACTIVITIES. REMOVE PERIMITER CONTROLS ONLY AFTER ALL UPSTREAM AREAS AREAS ARE STABILIZED AND PERMANENT VEGETATION IS ESTABLISHED.

(1.B.2.) TIME CONSTRUCTION ACTIVITIES TO LIMIT IMPACT FROM SEASONAL CHANGES OR WEATHER EVENTS.

(1.B.3.) THE CONTRACTOR WILL PROVIDE POLLUTION CONTROL BY IMPLEMENTING DUST CONTROL DURING ALL PHASES OF CONSTRUCTION.

(1.B.4.) OFFSITE RUNOFF SHOULD BE DIVERTED AWAY OR THROUGH THE CONSTRUCTION AREA, IF POSSIBLE. THIS ADDITIONAL FLOW, IF NOT DIVERTED, CAN ADD VOLUME AND SIZE TO STRUCTURAL PRACTICES, REQUIRING MORE FREQUENT MAINTENANCE AND LIMITING EFFECTIVENESS OF EROSION AND SEDIMENT CONTROLS.

(1.C.) PROJECT AREA ESTIMATES:

TOTAL SITE AREA: 172 ACRES.
TOTAL AREA TO BE DISTURBED: 155 ACRES.

(1.D.) RUNOFF DATA:

RUNOFF COEFFICIENTS BEFORE Cw (B), DURING Cw (D) AND AFTER Cw (A) CONSTRUCTION.

RUNOFF COEFFICIENTS FOR:
GRASSED SHOULDERS ADJACENT TO ROADWAY: C=0.35
IMPERVIOUS ROADWAYS AND PAVED SHOULDER: C=0.95
DISTURBED AREAS, EXPOSED SOIL, ETC., DURING CONSTRUCTION: C=0.40

WEIGHTED RUN-OFF COEFFICIENT:
BEFORE: Cw (B) = 0.64 DURING: Cw (D) = 0.66 AFTER: Cw (A) = 0.62

THE RUN-OFF COEFFICIENT Cw (D), IS CALCULATED ASSUMING THAT THE MAXIMUM ALLOWABLE AREA OF SOIL IS DISTURBED DURING CONSTRUCTION AND THE REMAINING AMOUNT IS THE EXISTING IMPERVIOUS AND GRASSED SHOULDER AREAS.

SOIL DATA:

THE RESULTS OF THE SOIL BORINGS ALONG THE ROADWAY ARE SHOWN IN THE ROADWAY SOIL SURVEY SHEET(S). THE SHEET NUMBERS FOR THESE ARE IDENTIFIED ON THE KEY SHEET OF THESE CONSTRUCTION PLANS. IN GENERAL, THE SOILS ARE:

SOIL TYPE	HYDROLOGIC GROUP	DEPTH TO SHWE
ARENTS	A	3.5'-6'
POMONA FINE SAND	A/D	0'-1'
EATON FINE SAND	C/D	2'-6'
TAVARES FINE SAND	A	3.5'-6'
LYNNE FINE SAND	C/D	0'-1'
LOCHLOOSA SAND	C	0'-5'
NEILHURST SAND	A	0'-5'

REFERENCE: USDA SOIL SURVEY OF POLK COUNTY FLORIDA

OUTFALL INFORMATION:

THERE ARE 8 OUTFALLS.

THE OUTFALLS DISCHARGE INTO THE FOLLOWING BASINS:

BASIN	WBID	PARAMETER(S) OF CONCERN FOR 303(d) LISTING
ORANGE HAMMOCK DRAIN	1449B	DISSOLVED OXYGEN
TENOROC DRAIN	1449C	
SADDLE CREEK	1497	NUTRIENTS AND DISSOLVED OXYGEN

OUTFALL LOCATIONS. (TEMPORARY AND PERMANENT)

	DESCRIPTION	DRAINAGE AREA	LATITUDE	LONGITUDE	RECEIVING WATERBODY
(a)	1 - 18" RCP	15.00 AC	N 28° 08' 14.14"	W 81° 54' 32.67"	GREEN SWAMP
(b)	2 - 4'x4' CBC	455.00 AC	N 28° 08' 21.25"	W 81° 54' 11.64"	GREEN SWAMP
(c)	1 - 4'x2' CBC	67.00 AC	N 28° 08' 34.60"	W 81° 53' 47.92"	GREEN SWAMP
(d)	1 - 4'x2' CBC	42.00 AC	N 28° 08' 47.44"	W 81° 53' 30.83"	GREEN SWAMP
(e)	1 - 8'x3' CBC	82.00 AC	N 28° 08' 40.20"	W 81° 53' 02.15"	GREEN SWAMP
(f)	1 - 36" RCP	12.01 AC	N 28° 08' 09.94"	W 81° 54' 01.61"	PIT CREEK
(g)	2 - 48" RCP	14.84 AC	N 28° 08' 17.08"	W 81° 53' 58.67"	GREEN SWAMP
(h)	1 - 24" RCP	7.78 AC	N 28° 08' 29.10"	W 81° 53' 38.37"	GREEN SWAMP

THIS FACILITY DOES NOT DISCHARGE TO WATERS LISTED ON THE ADOPTED FDEP VERIFIED LIST OR ADOPTED TMDL FOR IMPAIRMENT DUE TO TOTAL SUSPENDED SOLID, TURBIDITY, NUTRIENTS, DISSOLVED OXYGEN, OR FECAL COLIFORM.

WETLAND AND/OR SURFACE WATER IMPACTS SHALL BE LIMITED TO THE AREAS DESCRIBED IN THE APPROVED PERMITS FOR THE PROJECT.

(1.E.) SITE MAP:

THE SITE MAP SHALL BE COMPRISED OF THE CONSTRUCTION PLANS AND THE CONTRACTOR'S SITE-SPECIFIC EROSION AND SEDIMENT CONTROL PLAN.

(1.F.) STORMWATER MANAGEMENT (EXISTING/PROPOSED)

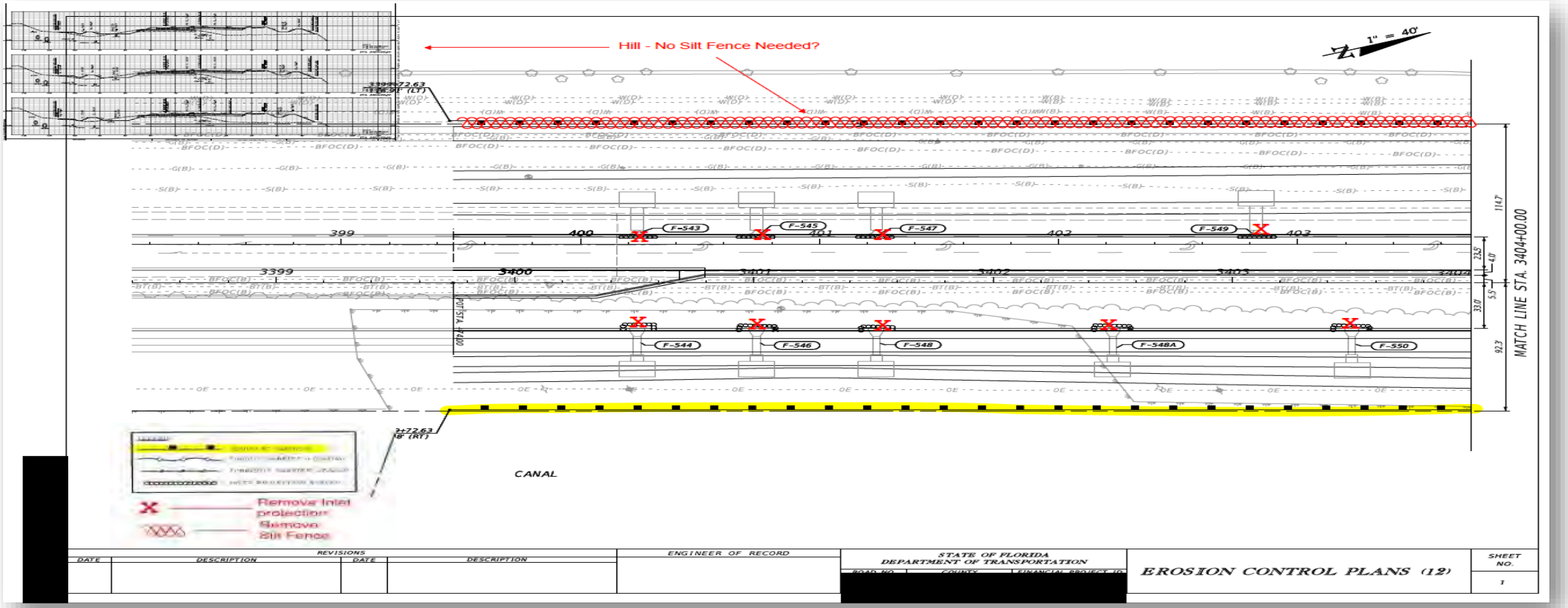
(1.F.1.) EXISTING DRAINAGE FLOWS ARE TYPICALLY EAST TO WEST TOWARDS GREEN SWAMP. THE CROSS SECTION SHEETS AND PLAN-PROFILE SHEETS PROVIDE THE APPROXIMATE SLOPE, AREAS OF SOIL DISTURBANCE AND AREAS TO BE STABILIZED. UNLESS OTHERWISE APPROVED BY THE PERMITS, THE CONSTRUCTION ACTIVITIES SHALL NOT MODIFY OR AFFECT THE EXISTING OFFSITE FLOW PATTERNS.

(1.F.2.) THE PROPOSED SEDIMENT BASINS, CONTAINMENT SYSTEMS AND/OR STORMWATER MANAGEMENT FACILITIES SHALL BE CONSTRUCTED DURING THE INITIAL PHASE OF CONSTRUCTION AND USED DURING CONSTRUCTION OF THE ROADWAY. THE OUTFALL STRUCTURES ARE TO BE PROTECTED WHEN TEMPORARY SEDIMENT BASINS, CONTAINMENT SYSTEMS OR PERMANENT STORMWATER MANAGEMENT FACILITIES ARE USED FOR EROSION AND SEDIMENT CONTROL TO PREVENT DOWNSTREAM SEDIMENTATION.

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN (1)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 400	POLK	430185-3-52-01		298

TRANSPORTATION SYMPOSIUM

Real Examples



TRANSPORTATION SYMPOSIUM

Real Examples

EROSION CONTROL PLAN & SCHEDULE

To whom it may concern.

The following Erosion Control Plan is submitted as required by Standard Specification and Special Provision 104-5 :

The sequence of work will be:
- Install MOT signs
- Install erosion control (per plan)
- Mobilize Equipment
- Complete concrete
- Complete the asphalt paving
- Grassing

Prior to the commencement of any work, all temporary erosion control features, and where practical, permanent erosion control features, will be installed to effectively control erosion and prevent off-site discharge, and to comply with all applicable environmental permits.

Temporary erosion control features will be installed at the locations shown on the plans (See attached Plan Sheets 8-11 of the Summary of Erosion and Sediment Control Devices).

Wetland and Surface Water impacts will not occur for the proposed improvement. However, we will take all reasonable precautions to prevent unauthorized materials from entering wetlands, waterways, other surface waters or waters of the U.S.

The monitoring schedule for maintenance of the erosion control features:

The erosion control features on the project will be monitored daily to determine if maintenance or modification of erosion control features is needed.

Summary of Erosion Control and Sediment Control Devices

Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
0104 1	Artificial Coverings	SY	8.0		8			Project Limits		Both			
0104 10 3	Sediment Barrier	LF	38.4		1703		BL01	248+77.66	249+16.09	RT	2221		
			40.1				BL01	249+83.53	250+23.57	RT	2222		
			71.2				BL01	255+27.14	255+84.72	LT	2223		
			67.4				BL01	256+20.47	256+75.12	LT	2224		
			76.3				BL01	258+40.43	259+05.71	RT	2225		
			69.1				BL01	259+65.77	260+27.16	RT	2226		
			52.2				BL01	268+44.93	268+94.97	RT	2227		
			46.6				BL01	269+44.10	269+87.55	RT	2228		
			47.2				BL01	277+76.60	278+21.14	RT	2237		
			52.7				BL01	278+53.83	278+95.44	LT	2238		
			53.7				BL01	279+31.22	279+77.40	LT	2239		
			65.9				BL01	289+71.07	290+20.35	LT	2240		
			55.4				BL01	298+49.38	298+93.06	LT	2241		
			58.7				BL01	299+25.22	299+74.24	LT	2242		
			48.4				BL01	301+56.03	301+94.25	LT	2243		
			52.6				BL01	302+28.31	302+75.28	LT	2244		
			55.3				BL01	310+02.84	310+38.99	LT	2245		
			81.5				BL01	311+25.78	312+02.52	LT	2246		
			83.2				BL01	315+06.53	315+76.63	RT	2247		
			98.3				BL01	316+14.53	317+02.44	RT	2248		
			37.8				BL01	319+07.38	319+41.13	RT	2249		
			69.5				BL01	330+56.55	331+19.05	RT	2250		
0104 18	Inlet Protection System	EA	1		76		BL01	248+84.72	249+01.33	LT	2426		

Temporary erosion control features will be installed at the locations shown on the plans (See attached) Plan Sheets 8-11 of the Summary of Erosion and Sediment Control Devices.

Real Examples

June 6, 2025

Florida Department of Transportation
ATTN: Mr. Eric McCormick
1723 Sunrise Circle
Ponce DeLeon, FL 32455

Subject: Financial Project No: 445456-1-52-01
Contract No. T3879 (Holmes County, FL)
Howell Williams Road over Ten Mile Creek
Erosion Control Plan

Mr. McCormick,

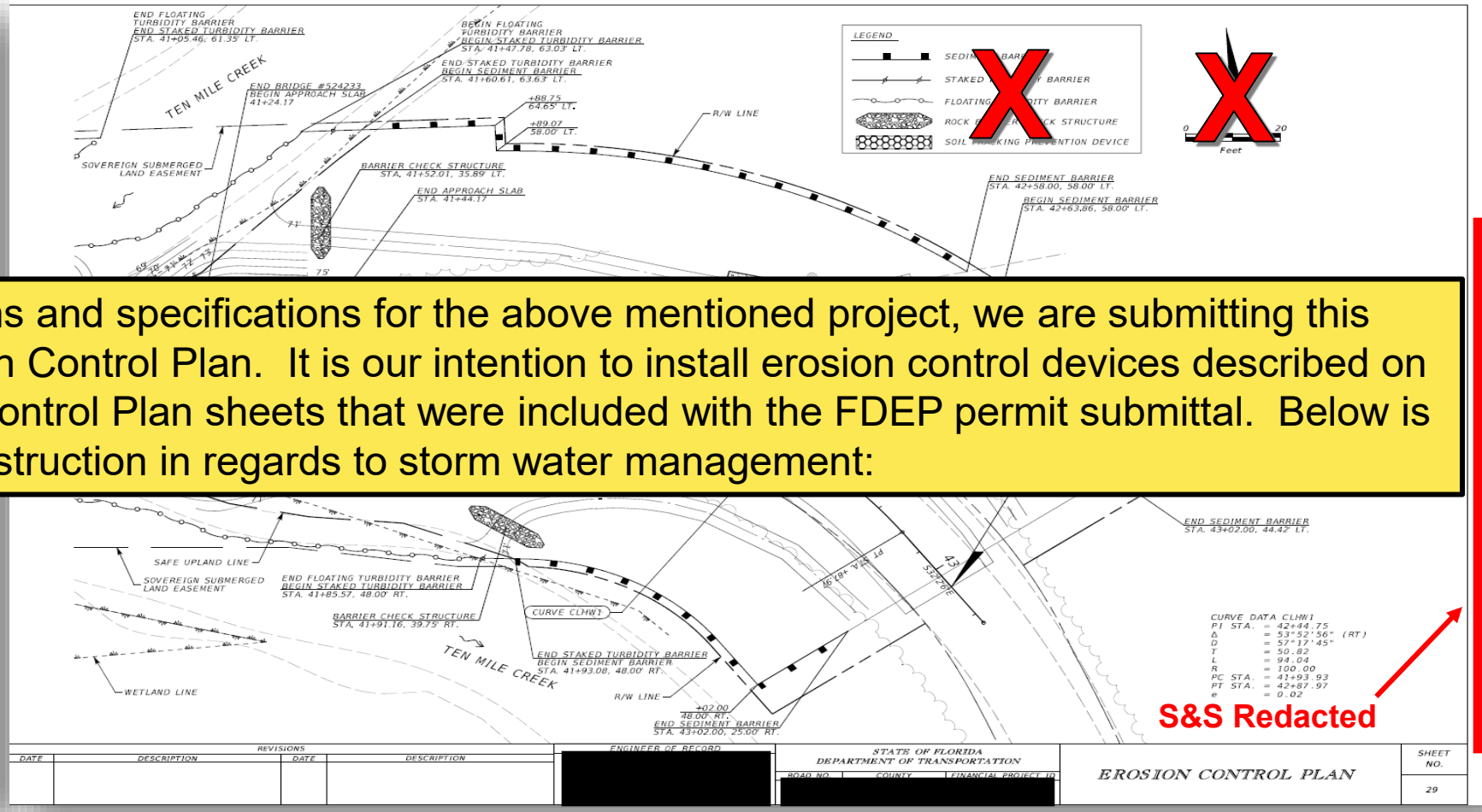
In accordance with the project plans and specifications for the above-mentioned project, we are submitting this letter as our Sediment and Erosion Control Plan. It is our intention to install erosion control devices as described on sheets 28 and 29 of Erosion Control Plan sheets that were included with the FDEP permit submittal. Below is a narrative of our sequence of construction in regards to storm water management:

3) Bridge Construction: Murphree Bridge Corporation will be performing the bridge construction items in this contract. Floating Turbidity Barrier, the perimeter sediment controls as well as temporary stabilization will be maintained throughout this process. Sand Cement Rip Rap, Bedding Stone and Bank and Shore Rip Rap will be applied to slopes as soon as practical. We will utilize best construction practices to eliminate as many impacts to the environment as necessary. We will also follow any direction the Project Engineer gives us to mitigate unforeseen circumstances and to discuss any foreseeable problem areas prior to any work being performed. Concrete wash out areas will be designated and protected by sediment barriers. Concrete materials will be removed from the site. No equipment will enter the waterway. In water activities (pile driving, rip rap installation, etc.) will take place outside of the Freshwater Mussel reproductive cycle as outlined in the project notes.

4) Bridge Approach and Paving: Chapel Branch & Lagniappe, LLC (a subcontractor to Murphree Bridge Corporation) will complete the construction of the approaches to the new bridge. Perimeter controls will be inspected and maintained per specifications. Inlets and drainage structures that are installed will be protected as shown in the plans prior to final stabilization. Disturbed areas will be stabilized temporarily as soon as practical where no active construction activities are taking place. Permanent stabilization will be completed as soon as practical. Soil stockpiles will be protected and will be in accordance with the project notes.

5) Permanent Stabilization: Permanent stabilization of the site will be performed as soon as practical after the approaches are completed and asphalt operations are complete. Stabilization will be done according to the project plans and specifications.

It is our intention to install the described erosion control devices in the locations described in the project plans. Any necessary



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S&S Redacted

Real Examples

I. Receiving Waters

The closest classified waterbody to this site is Earman River, WBID FL3226W2. It is listed as an impaired waterbody. It is not expected to be adversely affected by this construction activity. The MS4 Operator for this area is the Village of North Palm Beach.

J. Endangered Species and Historical Places

The Black-Capped Petrel, Florida Bonneted Bat, Florida Panther, and Everglade Snail Kite Endangered Species are noted as occurring in Palm Beach County. None of these species are expected to be adversely affected by this construction activity. No Nationally Registered Historical Places shall be adversely affected by this construction activity.

K. FDEP NPDES Generic Permit

FDEP NPDES Generic Permit is in the Appendix of this document.

L. NOI Acknowledgement

An NOI Acknowledgement shall be included in the appendix upon receipt from FDEP.

2.0 Best Management Practices

A. Erosion and Sediment Controls

1. Sediment will be retained on site to the maximum extent practicable.
2. Control measures will be properly selected, installed, and maintained in accordance with manufacturer's specifications and good engineering practice. If periodic inspections or other information indicates a control has been compromised or implemented incorrectly the erosion and/or sediment controls will be repaired or replaced immediately.
3. Sediment will be removed from the filter fences and inlet protection devices when it reaches 1/3 the height of the control measure. Sediment shall be removed from sediment traps and sedimentation ponds no later than the time that design capacity has been reduced by 50%.
4. Should sediment escape the site, accumulations shall be removed at a frequency to minimize further negative effects and prior to the next rain event.
5. Controls shall be developed to limit, to the extent practicable, offsite transport of litter, construction debris, and construction materials.

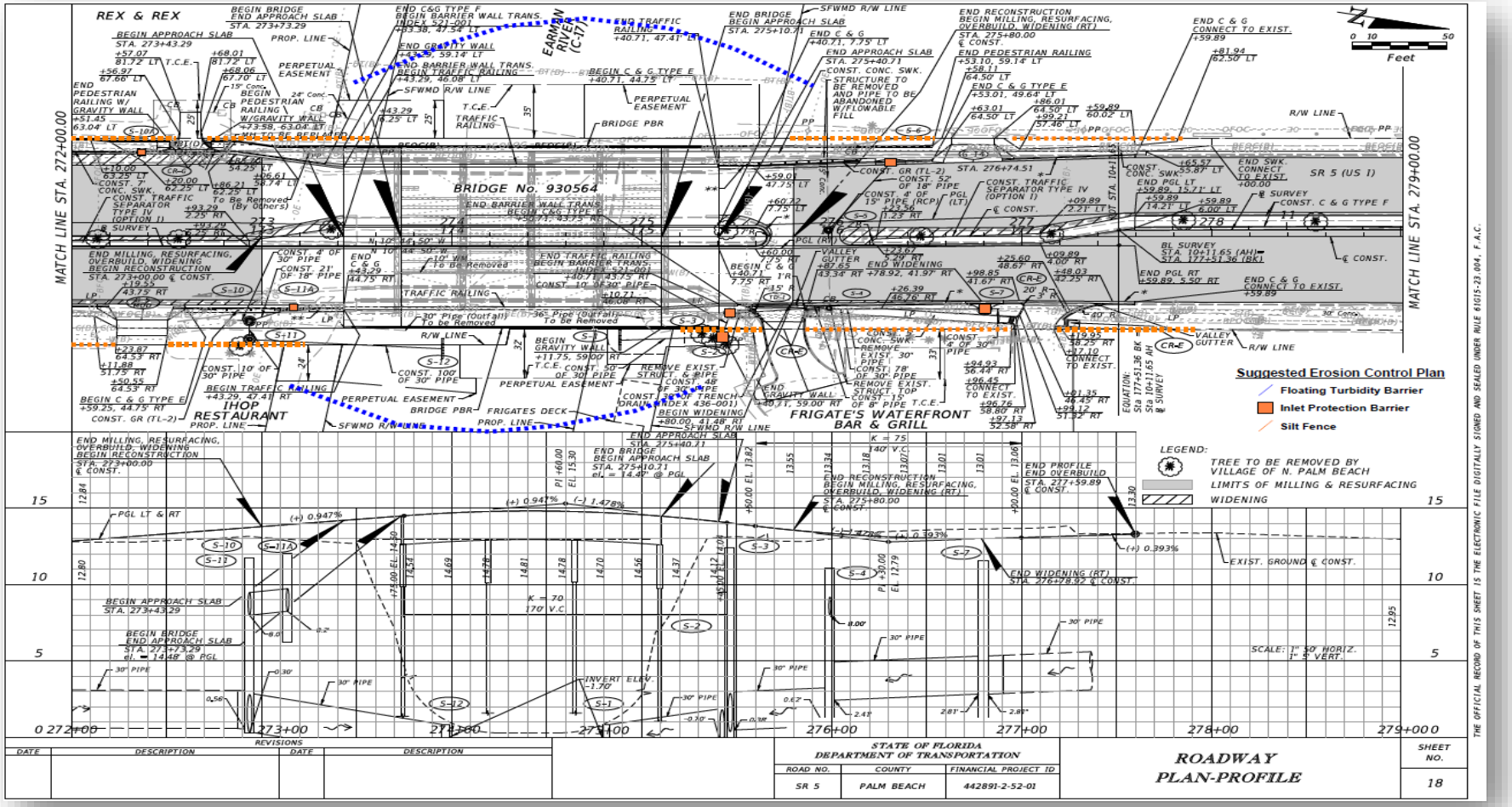
B. Stabilization Practices

1. Once the construction of the impervious areas is complete, all exposed soils will be adequately stabilized through hydro mulch seeding or equivalent.
2. Records to be Maintained

   Records shall be maintained and either attached to this SWP3 or made readily available upon request for the following concerns:

   a. Dates when major grading activities occur.
   b. Dates when construction activities temporarily or permanently cease on a portion of the site.
   c. Dates when Stabilization Measures are initiated.
3. Stabilization Measures

   Stabilization measures must be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased and must be initiated no more than fourteen days after the construction activity in that portion of the site has temporarily or permanently ceased.



TRANSPORTATION SYMPOSIUM

Real Examples

March 31, 2025

[redacted]

Re: **Stormwater Pollution Control Plan & Erosion & Sediment Control Plan**

Financial Project No's [redacted]
Federal Job No.
Contract No.
State Road No.
County

I. SITE DESCRIPTION:

a) Nature of Construction:

As indicated in the construction plans.

b) Soil Disturbing Activities:

Soil disturbing activities include the installation of drainage system improvements, minor pathway and bridge abutment construction.

- At least 48 hours prior to initiating any soil disturbances, Notice of Intent must be sent to the Environmental Protection.
- Post Notice of Intent (NOI) at the construction site

II. CONTROLS:

a) Schedule of Erosion Control Devices:

As indicated in the construction plans.

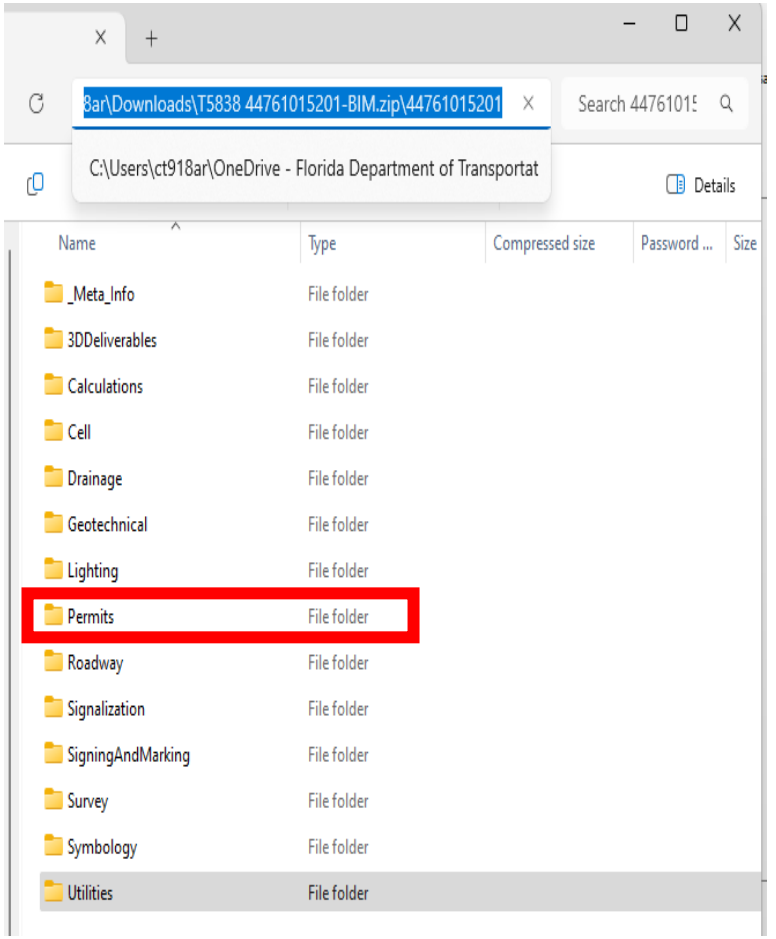
b) Types of erosion control devices:

Silt Fence, Staked Turbidity Barrier or Floating Turbidity Barrier, Sand Bags, Rock Bags, and Synthetic Hay Bales will be installed prior to any earthwork or construction activity.

c) Estimated time erosion control devices will be in operation:

Documents

T5838 44761015201-BIM.zip	Other Documents
T5838 44761015201-ESTIMATES-QUANTITIES.pdf	Plans
T5838 44761015201-PLANS-01-ROADWAY.pdf	Plans
T5838 44761015201-PLANS-01-ROADWAY-VERIFIEDUTILITIES.pdf	Plans
T5838 44761015201-PLANS-02-SIGNINGMARKING.pdf	Plans
T5838 44761015201-PLANS-03-SIGNALIZATION.pdf	Plans
T5838 44761015201-PLANS-05-LIGHTING.pdf	Plans
T5838 44761015201-SPECS.pdf	Specifications
T5838 44761015201-SPECS-TSP684.pdf	Specifications
T5838.ebsx	Proposals
T5838 44761015201-BIM-REV01.zip	Plans Revisions
T5838 44761015201-PLANS-01-ROADWAY-REV01.pdf	Plans Revisions
T5838 44761015201-PLANS-02-SIGNINGMARKING-REV01.pdf	Plans Revisions
T5838.001x	Amendments
T5838Addendum001.pdf	Addenda
T5838.002x	Amendments
T5838Addendum002.pdf	Addenda
T5838 44761015201-SPECS-SUPP01.pdf	Supplements
T5838.003x	Amendments
T5838Addendum003.pdf	Addenda



TRANSPORTATION SYMPOSIUM

Real Examples

Best Management Practices
BMPs will be initially implemented in accordance with the SWPPP provided by the Department. The SWPPP will be a live document, changing as demanded by the project and construction progress. The intent is to contain all material within the project limits and prevent and potential off-site discharges. Prior to any soil disturbance, perimeter controls such as silt fence, turbidity barriers and sediment traps will be installed. Inlets will be protected with filter fabric or synthetic bales to prevent material from entering and blocking the passage of stormwater. Ingress and Egress areas shall be monitored daily. Soil tracking devices will be installed where permitted and the roads shall be swept or cleaned as necessary.

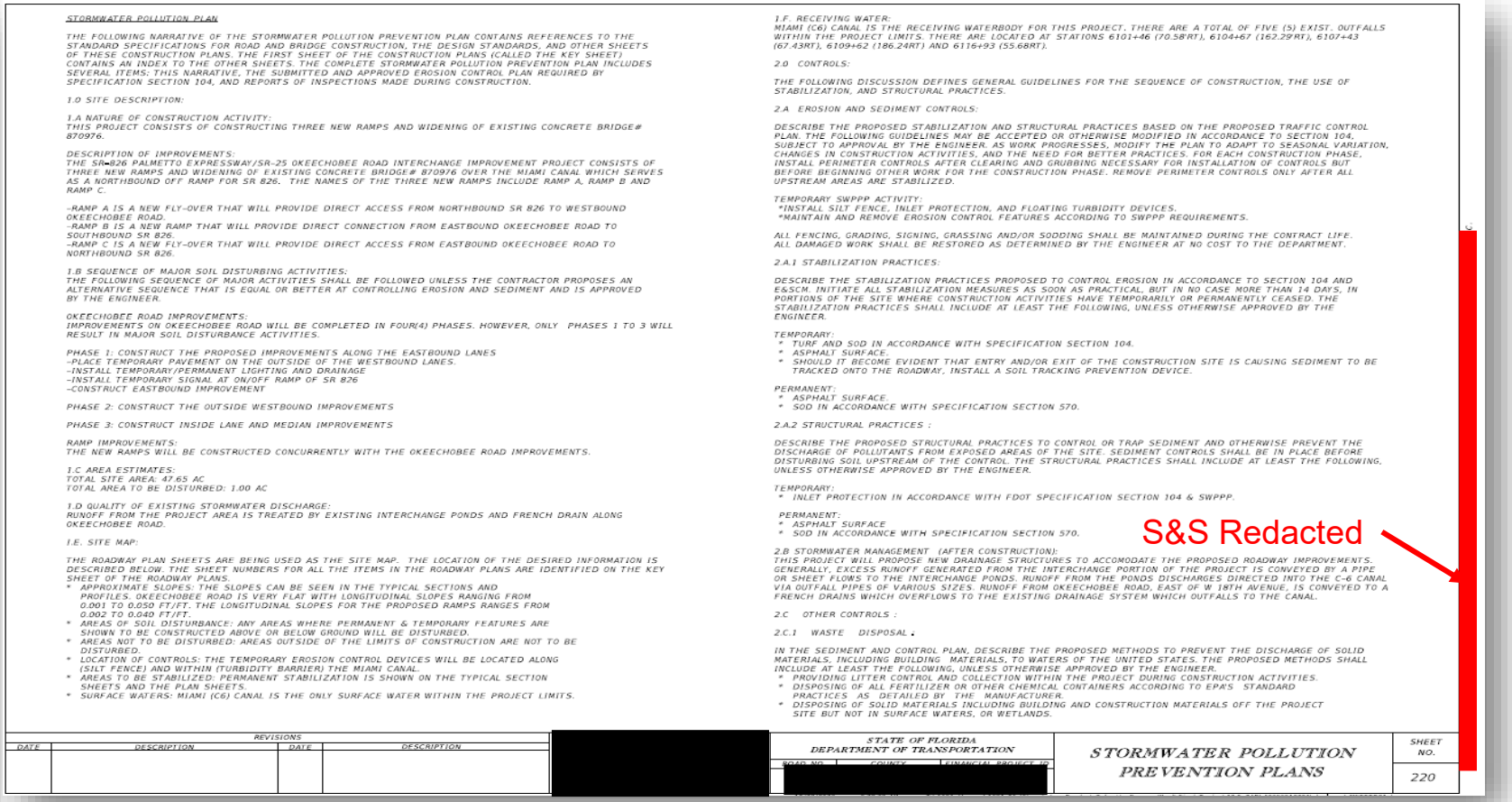
Inspections and Maintenance
All BMPs will be inspected daily by the project's General Superintendent, foreman, and various other field staff prior to the start of any work. Once per week and within 24 hours after ½" rain event, a certified SWPPP inspector will conduct a formal inspection. Maintenance and repairs will begin immediately after submittal of report and completed no later than 7 days of the inspection. The Certified SWPPP inspect for this project will be Sebastian Suarez and can be reached at 786-494-8254.

Dewatering
It is anticipated that dewatering will need to take place for the installation of drainage structures. Prior to any dewatering, PRINCE will acquire all necessary permits and provide required notifications to governing entities. It will be the primary object to contain any discharge within the project limits. Should there be a need to discharge off-site, all permit requirements shall be adhered to.

Water Quality and Working in Water
This project will require that work take place in and on adjacent banks of various existing ponds and canals. As previously stated, turbidity barriers shall be installed prior to the start of any work and inspected daily. If required by the permit, upstream and downstream samples can be collected to ensure compliance.

Containment and Removal of Pollutants
Any accidental spills of contaminants or hazardous waste shall be immediately contained and reported. Temporary earth berms shall be constructed to prevent further spreading. PRINCE's General Superintendent and foremen will have access to absorbent pads and tubes that can be dispersed to begin clean-up efforts. Contaminated soils shall be excavated and placed on plastic or hauled off-site to be properly disposed of. All manifests shall be submitted to the CEI for review after disposal.

Should you have any questions, please feel free to contact me at you earliest convenience.



STORMWATER POLLUTION PLAN

THE FOLLOWING NARRATIVE OF THE STORMWATER POLLUTION PREVENTION PLAN CONTAINS REFERENCES TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE DESIGN STANDARDS, AND OTHER SHEETS OF THESE CONSTRUCTION PLANS. THE FIRST SHEET OF THE CONSTRUCTION PLANS (CALLED THE KEY SHEET) CONTAINS AN INDEX TO THE OTHER SHEETS. THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN INCLUDES SEVERAL ITEMS; THIS NARRATIVE, THE SUBMITTED AND APPROVED EROSION CONTROL PLAN REQUIRED BY SPECIFICATION SECTION 104, AND REPORTS OF INSPECTIONS MADE DURING CONSTRUCTION.

1.0 SITE DESCRIPTION:

1.A NATURE OF CONSTRUCTION ACTIVITY:
THIS PROJECT CONSISTS OF CONSTRUCTING THREE NEW RAMPS AND WIDENING OF EXISTING CONCRETE BRIDGE# 870976.

DESCRIPTION OF IMPROVEMENTS:
THE SR-826 PALMETTO EXPRESSWAY/SR-25 OKEECHOBEE ROAD INTERCHANGE IMPROVEMENT PROJECT CONSISTS OF THREE NEW RAMPS AND WIDENING OF EXISTING CONCRETE BRIDGE# 870976 OVER THE MIAMI CANAL WHICH SERVES AS A NORTHBOUND OFF RAMP FOR SR 826. THE NAMES OF THE THREE NEW RAMPS INCLUDE RAMP A, RAMP B AND RAMP C.

-RAMP A IS A NEW FLY-OVER THAT WILL PROVIDE DIRECT ACCESS FROM NORTHBOUND SR 826 TO WESTBOUND OKEECHOBEE ROAD.
-RAMP B IS A NEW RAMP THAT WILL PROVIDE DIRECT CONNECTION FROM EASTBOUND OKEECHOBEE ROAD TO SOUTHBOUND SR 826.
-RAMP C IS A NEW FLY-OVER THAT WILL PROVIDE DIRECT ACCESS FROM EASTBOUND OKEECHOBEE ROAD TO NORTHBOUND SR 826.

1.B SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:
THE FOLLOWING SEQUENCE OF MAJOR ACTIVITIES SHALL BE FOLLOWED UNLESS THE CONTRACTOR PROPOSES AN ALTERNATIVE SEQUENCE THAT IS EQUAL OR BETTER AT CONTROLLING EROSION AND SEDIMENT AND IS APPROVED BY THE ENGINEER.

OKEECHOBEE ROAD IMPROVEMENTS:
IMPROVEMENTS ON OKEECHOBEE ROAD WILL BE COMPLETED IN FOUR(4) PHASES. HOWEVER, ONLY PHASES 1 TO 3 WILL RESULT IN MAJOR SOIL DISTURBANCE ACTIVITIES.

PHASE 1: CONSTRUCT THE PROPOSED IMPROVEMENTS ALONG THE EASTBOUND LANES
-PLACE TEMPORARY PAVEMENT ON THE OUTSIDE OF THE WESTBOUND LANES.
-INSTALL TEMPORARY/PERMANENT LIGHTING AND DRAINAGE
-INSTALL TEMPORARY SIGNAL AT ON/OFF RAMP OF SR 826
-CONSTRUCT EASTBOUND IMPROVEMENT

PHASE 2: CONSTRUCT THE OUTSIDE WESTBOUND IMPROVEMENTS

PHASE 3: CONSTRUCT INSIDE LANE AND MEDIAN IMPROVEMENTS

RAMP IMPROVEMENTS:
THE NEW RAMPS WILL BE CONSTRUCTED CONCURRENTLY WITH THE OKEECHOBEE ROAD IMPROVEMENTS.

1.C AREA ESTIMATES:
TOTAL SITE AREA: 47.65 AC
TOTAL AREA TO BE DISTURBED: 1.00 AC

1.D QUALITY OF EXISTING STORMWATER DISCHARGE:
RUNOFF FROM THE PROJECT AREA IS TREATED BY EXISTING INTERCHANGE PONDS AND FRENCH DRAIN ALONG OKEECHOBEE ROAD.

1.E. SITE MAP:

THE ROADWAY PLAN SHEETS ARE BEING USED AS THE SITE MAP. THE LOCATION OF THE DESIRED INFORMATION IS DESCRIBED BELOW. THE SHEET NUMBERS FOR ALL THE ITEMS IN THE ROADWAY PLANS ARE IDENTIFIED ON THE KEY SHEET OF THE ROADWAY PLANS.
* APPROXIMATE SLOPES: THE SLOPES CAN BE SEEN IN THE TYPICAL SECTIONS AND PROFILES. OKEECHOBEE ROAD IS VERY FLAT WITH LONGITUDINAL SLOPES RANGING FROM 0.001 TO 0.050 FT/FT. THE LONGITUDINAL SLOPES FOR THE PROPOSED RAMPS RANGES FROM 0.002 TO 0.040 FT/FT.
* AREAS OF SOIL DISTURBANCE: ANY AREAS WHERE PERMANENT & TEMPORARY FEATURES ARE SHOWN TO BE CONSTRUCTED ABOVE OR BELOW GROUND WILL BE DISTURBED.
* AREAS NOT TO BE DISTURBED: AREAS OUTSIDE OF THE LIMITS OF CONSTRUCTION ARE NOT TO BE DISTURBED.
* LOCATION OF CONTROLS: THE TEMPORARY EROSION CONTROL DEVICES WILL BE LOCATED ALONG (SILT FENCE) AND WITHIN (TURBIDITY BARRIER) THE MIAMI CANAL.
* AREAS TO BE STABILIZED: PERMANENT STABILIZATION IS SHOWN ON THE TYPICAL SECTION SHEETS AND THE PLAN SHEETS.
* SURFACE WATERS: MIAMI (C6) CANAL IS THE ONLY SURFACE WATER WITHIN THE PROJECT LIMITS.

1.F. RECEIVING WATER:
MIAMI (C6) CANAL IS THE RECEIVING WATERBODY FOR THIS PROJECT. THERE ARE A TOTAL OF FIVE (5) EXIST. OUTFALLS WITHIN THE PROJECT LIMITS. THERE ARE LOCATED AT STATIONS 6101+46 (70.58'RT), 6104+67 (162.29'RT), 6107+43 (67.43'RT), 6109+62 (186.24'RT) AND 6116+93 (55.68'RT).

2.0 CONTROLS:

THE FOLLOWING DISCUSSION DEFINES GENERAL GUIDELINES FOR THE SEQUENCE OF CONSTRUCTION, THE USE OF STABILIZATION, AND STRUCTURAL PRACTICES.

2.A EROSION AND SEDIMENT CONTROLS:

DESCRIBE THE PROPOSED STABILIZATION AND STRUCTURAL PRACTICES BASED ON THE PROPOSED TRAFFIC CONTROL PLAN. THE FOLLOWING GUIDELINES MAY BE ACCEPTED OR OTHERWISE MODIFIED IN ACCORDANCE TO SECTION 104, SUBJECT TO APPROVAL BY THE ENGINEER. AS WORK PROGRESSES, MODIFY THE PLAN TO ADAPT TO SEASONAL VARIATION, CHANGES IN CONSTRUCTION ACTIVITIES, AND THE NEED FOR BETTER PRACTICES. FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

TEMPORARY SWPPP ACTIVITY:
*INSTALL SILT FENCE, INLET PROTECTION, AND FLOATING TURBIDITY DEVICES.
*MAINTAIN AND REMOVE EROSION CONTROL FEATURES ACCORDING TO SWPPP REQUIREMENTS.

ALL FENCING, GRADING, SIGNING, GRASSING AND/OR SODDING SHALL BE MAINTAINED DURING THE CONTRACT LIFE. ALL DAMAGED WORK SHALL BE RESTORED AS DETERMINED BY THE ENGINEER AT NO COST TO THE DEPARTMENT.

2.A.1 STABILIZATION PRACTICES:

DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION IN ACCORDANCE TO SECTION 104 AND E&SCM. INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 14 DAYS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. THE STABILIZATION PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

TEMPORARY:
* TURF AND SOD IN ACCORDANCE WITH SPECIFICATION SECTION 104.
* ASPHALT SURFACE.
* SHOULD IT BECOME EVIDENT THAT ENTRY AND/OR EXIT OF THE CONSTRUCTION SITE IS CAUSING SEDIMENT TO BE TRACKED ONTO THE ROADWAY, INSTALL A SOIL TRACKING PREVENTION DEVICE.

PERMANENT:
* ASPHALT SURFACE.
* SOD IN ACCORDANCE WITH SPECIFICATION SECTION 570.

2.A.2 STRUCTURAL PRACTICES :

DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SEDIMENT CONTROLS SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

TEMPORARY:
* INLET PROTECTION IN ACCORDANCE WITH FDOT SPECIFICATION SECTION 104 & SWPPP.

PERMANENT:
* ASPHALT SURFACE
* SOD IN ACCORDANCE WITH SPECIFICATION SECTION 570.

2.B STORMWATER MANAGEMENT (AFTER CONSTRUCTION):
THIS PROJECT WILL PROPOSE NEW DRAINAGE STRUCTURES TO ACCOMODATE THE PROPOSED ROADWAY IMPROVEMENTS. GENERALLY, EXCESS RUNOFF GENERATED FROM THE INTERCHANGE PORTION OF THE PROJECT IS CONVEYED BY A PIPE OR SHEET FLOWS TO THE INTERCHANGE PONDS. RUNOFF FROM THE PONDS DISCHARGES DIRECTED INTO THE C-6 CANAL VIA OUTFALL PIPES OF VARIOUS SIZES. RUNOFF FROM OKEECHOBEE ROAD, EAST OF W 18TH AVENUE, IS CONVEYED TO A FRENCH DRAINS WHICH OVERFLOWS TO THE EXISTING DRAINAGE SYSTEM WHICH OUTFALLS TO THE CANAL.

2.C OTHER CONTROLS :

2.C.1 WASTE DISPOSAL .

IN THE SEDIMENT AND CONTROL PLAN, DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIALS, TO WATERS OF THE UNITED STATES. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
* PROVIDING LITTER CONTROL AND COLLECTION WITHIN THE PROJECT DURING CONSTRUCTION ACTIVITIES.
* DISPOSING OF ALL FERTILIZER OR OTHER CHEMICAL CONTAINERS ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.
* DISPOSING OF SOLID MATERIALS INCLUDING BUILDING AND CONSTRUCTION MATERIALS OFF THE PROJECT SITE BUT NOT IN SURFACE WATERS, OR WETLANDS.

S&S Redacted

REVISIONS | DATE | DESCRIPTION | DATE | DESCRIPTION

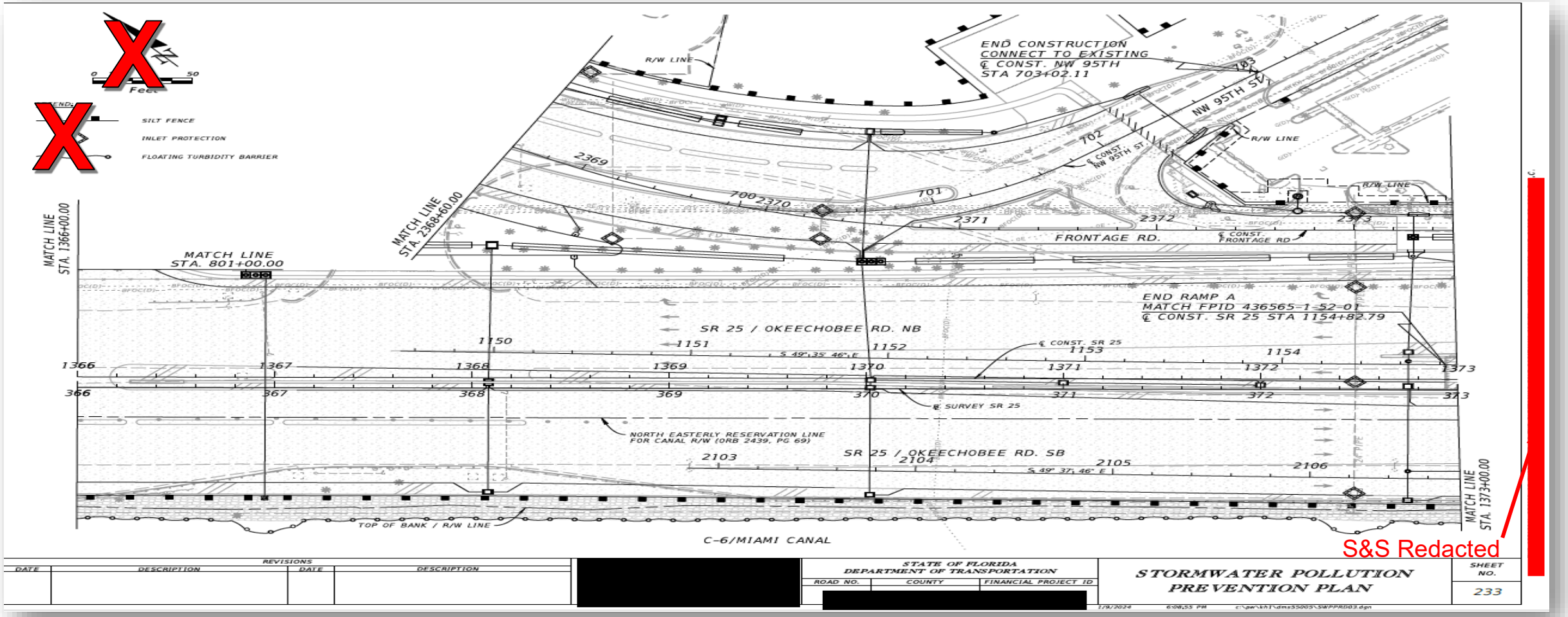
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
WORK NO. | COUNTY | FINANCIAL PROJECT ID

STORMWATER POLLUTION PREVENTION PLANS

SHEET NO. 220

TRANSPORTATION SYMPOSIUM

Real Examples



S&S Redacted

TRANSPORTATION SYMPOSIUM

Summary

Form 251-A

ERP

Florida Department of Transportation
Temporary Erosion and Sediment Control Plan
for Environmental Resource Permits

Project Name: _____

FPID Project Number: _____

Project Area Disturbed: _____ ac.
Note: If greater than 1 acre, a Stormwater Pollution Prevention Plan (SWPPP) is required to be developed by the contractor in accordance with Rule 62-621.300(4), F.A.C., to obtain coverage under Florida Department of Environmental Protection (FDEP) National Pollution Discharge Elimination System (NPDES) Construction Generic Permit (CGP).

FDOT Standard Specification Year _____
Year referenced on Key Sheet of Construction Plans.

Pursuant to ***Section 11, Environmental Resource Permit Applicant's Handbook Volume 1*** (***ERP AH Vol. 1***), ERP application packages must provide an Erosion and Sediment Control (E&SC) Plan required by Section 11.2 to provide the reasonable assurance that water quality standards will not be violated during construction. The requirements in Section 11.2 state that *"[t]he plan may be submitted as a separate document, or may be contained as part of the plans and specifications of the construction documents."*

Consistent with ***Section 11.2, ERP AH Vol. 1***, the ***FDOT Standard Specifications for Road and Bridge Construction*** (***FDOT Standard Specifications***) serve as the E&SC Plan to provide reasonable assurances for the above referenced FDOT ERP permit application. The ***FDOT Standard Specifications*** serve as the directions, provisions, and requirements, setting out or relating to the method and manner of performing the work, or to the quantities and qualities of materials and labor, to be furnished under the Contract by the Contractor for all FDOT projects. The ***FDOT Standard Specifications*** require all contractors to develop a site-specific E&SC plan prior to commencing construction, regardless if there is a permit to address erosion and water pollution conditions (***Specification 104-5***). The contractor's E&SC Plan and operations must include provisions to prevent contaminants, pollutants, and hazardous substances from migrating from the construction sites or from materials and equipment into any surface waters, wetlands, groundwater or property beyond the project limits (***Specification 104-3***). The ***FDOT Standard Specifications*** are evaluated annually by FDOT in conjunction with Federal Highway Administration (FHWA) and are Signed and Sealed by the State Specifications Engineer concurrent with each publication.

Additionally, the ***FDOT Construction Project Administration Manual*** (***CPAM***) Section 8.2 supplies additional information related to the construction project management procedures for environmental compliance of FDOT Projects. The CPAM requires the contractor *"to monitor all regulated activities to ensure they are conducted in accordance with the permit(s) and all permit conditions are met."* Typical permit conditions the contractor must adhere to include notification to regulatory agencies of commencement of permitted activities, submittal of signed and sealed As-Built Plans, and certifications of completion.
https://www.fdot.gov/construction/manuals/cpam/cpammanual.shtm

December 2024
Page 1

Form 251-B

NPDES CGP SWPPP Template for FDOT Projects

This template was produced to meet the requirements of the State of Florida Department of Environmental Protection NPDES Generic Permit for Stormwater Discharge from Large and Small Construction Activities (CGP), effective 02/2015, Table 4.7.1.

This template is intended for use on traditional design-bid-build contracts. The information for each item is intended to be supplied the entity identified in parentheses. (Contractor) refers to the Department's construction contractor and subcontractor(s). (Design) refers to the Department's in-house or consultant design team. (Design/Contractor) items are intended to be initially provided by Design and supplemented, as needed, by the Contractor.

Italic text was obtained directly from DEP Document No. 62-621.300(4)(a) effective 02/2015. In all cases, the requirements listed in the NPDES CGP shall control.

Submit all required documents associated with the NPDES CGP prior to the preconstruction conference in accordance with FDOT Standard Specification Section 104.

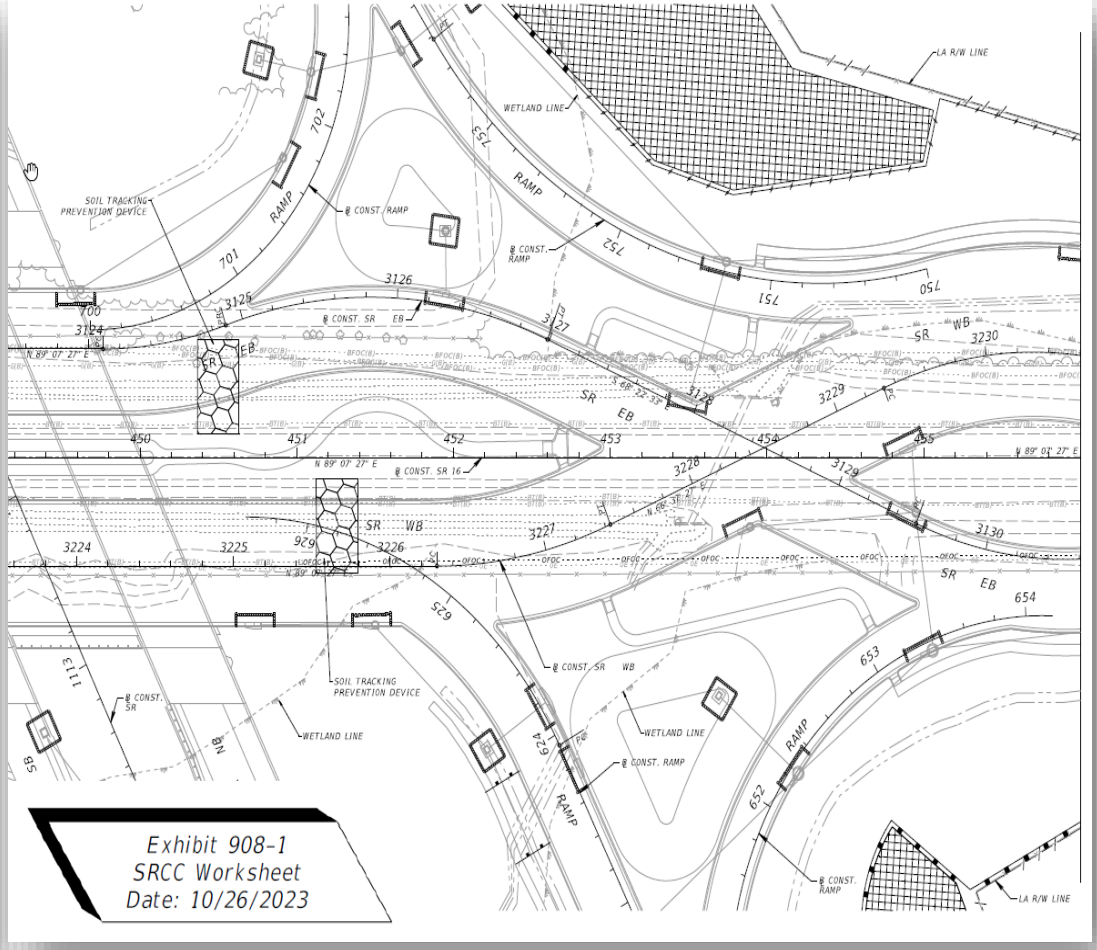
NPDES CGP

(Contractor) Stormwater Team

Identify the personnel (by name or position) that are part of the stormwater team responsible for implementing the SWPPP, including the qualified inspector. List their individual responsibilities in developing or implementing the SWPPP.

Name or Position	Qualified Inspector (Yes/No) (If Yes, provide FDEP Certification Number)	Responsibilities (Developing or Implementing)

Note: If additional rows are needed, attach supplemental table.



TRANSPORTATION SYMPOSIUM

Summary

TRANSPORTATION
SYMPOSIUM

Safety Message

Don't Drive Into the Unknown.....

.....Stay Away from Flooded Streets!

TRANSPORTATION SYMPOSIUM

Contact Us

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TRANSPORTATION SYMPOSIUM

October 28-29, 2025

Orlando, FL

TRANSPORTATION SYMPOSIUM

DEADLINE

Please be sure to **certify your attendance** before leaving this event or no later than **Friday, November 21st**, in order to receive PDH/CEC. Detailed instructions are available on the Transportation Symposium website.

Transportation Symposium Website

SCAN ME