

Public Works Council

NOVEMBER 16, 2017

Condition Assessment, Subsurface Exploration and Evaluation using NDE Methods

Contact Information:

Nur Yazdani, Ph.D., P.E., F. ASCE, F. ACI, F. SEI

Professor and Former Chairman

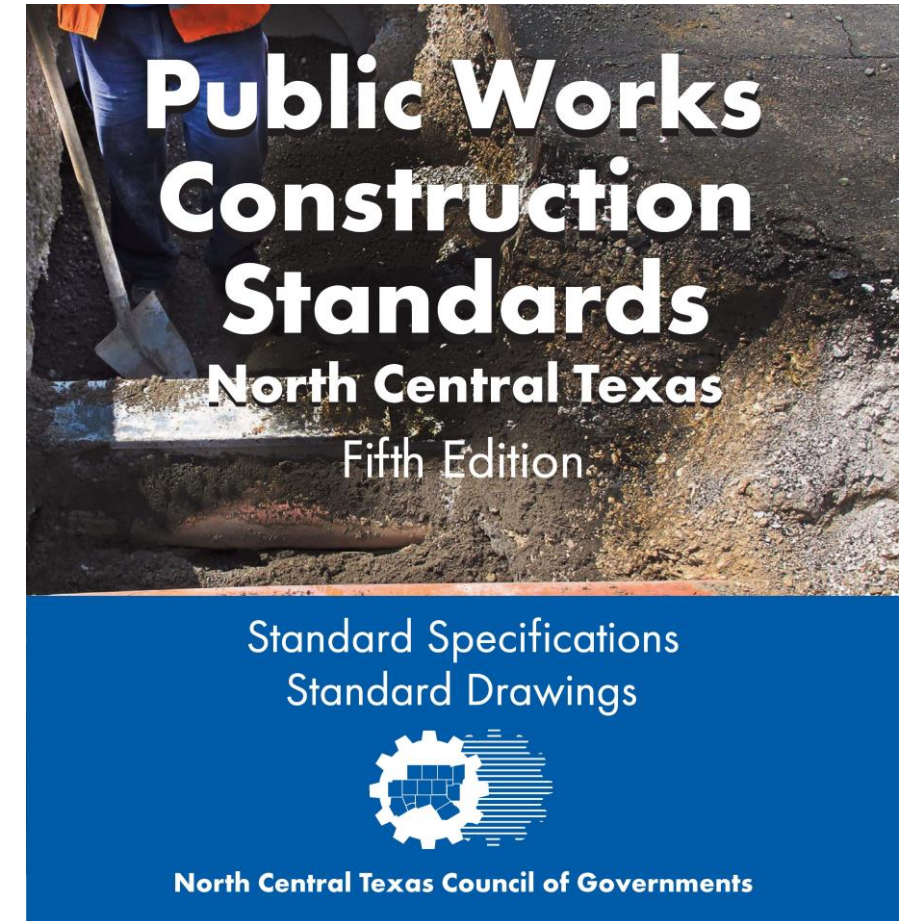
Department of Civil Engineering

University of Texas at Arlington



Public Works Construction Standards- Fifth Edition

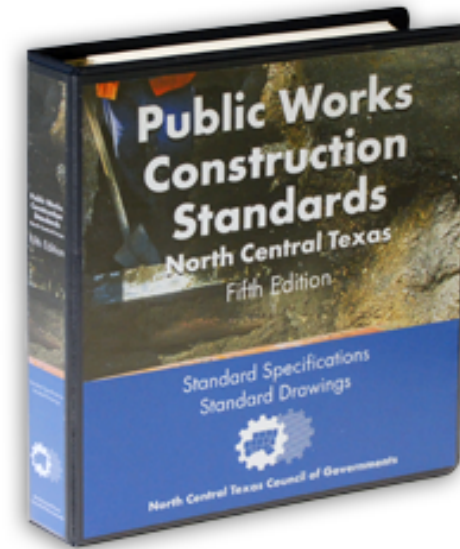
- Represents the culmination of an intensive comprehensive review and refinement process to update the 2004 Fourth Edition Standard Specifications for Public Works Construction.
- Approved by the PWC on October 12, 2017.
- Approved by the NCTCOG Executive Board on October 26, 2017.



Public Works Construction Standards

Governments exist to protect the health, safety and welfare of its citizens. Whether it be providing roads for safe and efficient mobility, utilities for clean drinking water and removal of waste, parks for recreation, or storm water management for protection from flooding, public works is the backbone of that existence. Management of public works facilities is a very important component of the responsibilities of cities, counties, and special districts across North Central Texas. The quality of the region's infrastructure (its roads, water distribution, wastewater collection, and storm drainage systems) has always been a high priority and a source of pride for its communities.

For over 40 years NCTCOG has supported the public works industry in North Central Texas through publication and maintenance of Public Works Construction Standards - North Central Texas.



Public Works Construction Standards North Central Texas, Fifth Edition (2017)

As part of the continued effort between NCTCOG and the public works industry in North Central Texas, the Public Works Construction Standards – North Central Texas, 2004 Version has been updated to the Fifth Edition Public Works Construction Standards. The Fifth Edition Public Works Construction Standards is now available to purchase as a PDF file as well as a printed hardcopy.



Purchase Electronic Version

Purchase Print Version

Public Works Construction Standards- Fifth Edition

ELECTRONIC VERSION

- \$50 per download
- Downloadable PDF file
- Hyperlinked table of contents and expandable/collapsible bookmark menu for easy navigation
- Hyperlinked cross references
- You may copy or print sections for internal use, but may not share the file outside of the purchasing agency

PRINT VERSION

- \$85 per printed copy
- 590 page document printed and bound in a 3-ring binder
- Available for purchase online or from the front desk at the NCTCOG offices
- *The Public Works Construction Standards North Central Texas* is a copyrighted document.

Questions or Comments regarding the 5th Edition Construction Standards:

As an ongoing commitment to the region and the improvement of the Standards document, we are accepting comments and suggestions for review. The [Construction Standards Subcommittee](#) of the Regional Public Works Council will review the suggestions to each Division and amendments to the *Standards* will be released over time..


*Name:

Title:

Organization:

*Email:

Phone:

Division: 

Note: If you have comments regarding more than one division, please submit each one separately.

*Comment:

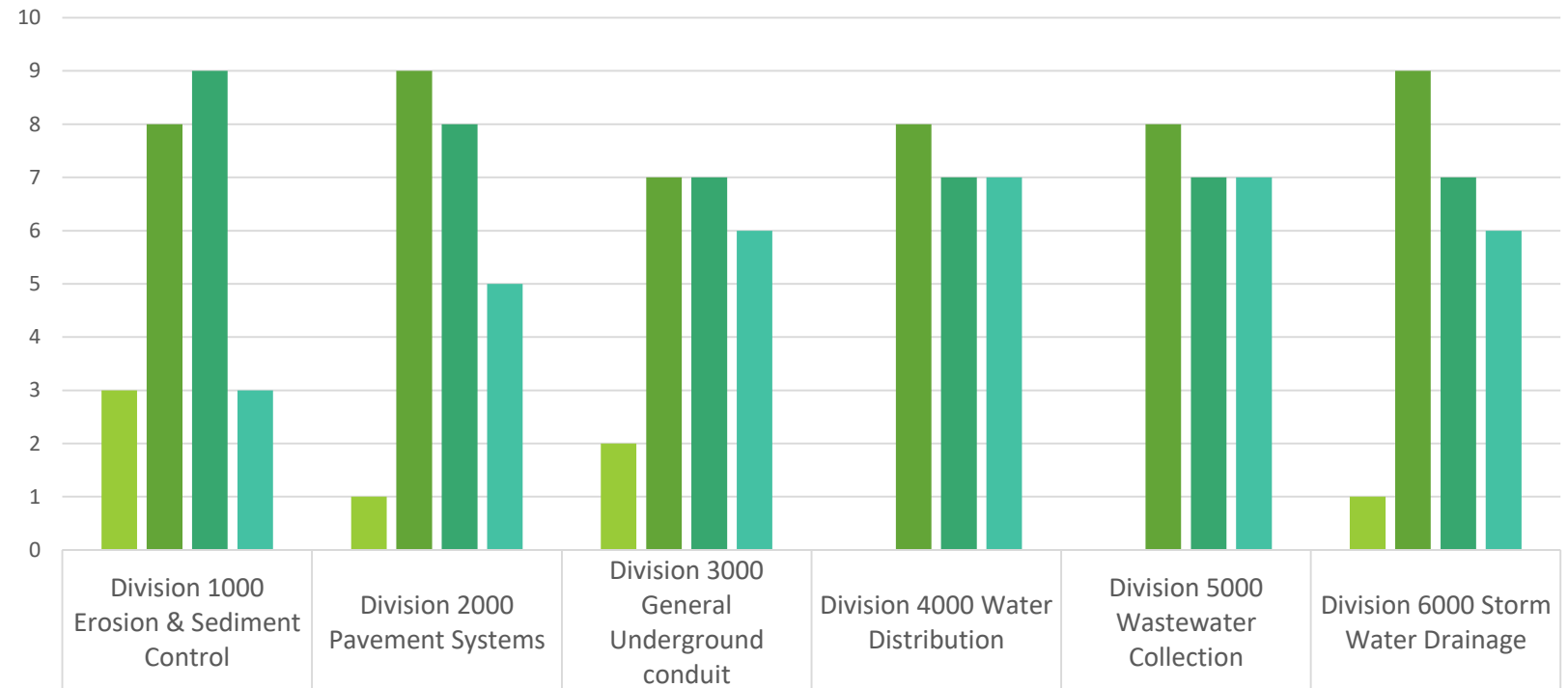
Requests, comments, or questions regarding the Standards can be submitted at www.nctcog.org/envir/constructionstandards or emailed to eandd@nctcog.org.

You may also submit your comments via email to Kori Mullen at kmullen@nctcog.org.

*Public Works Construction
Standards North Central Texas –
Standard Drawings
Questionnaire Results*

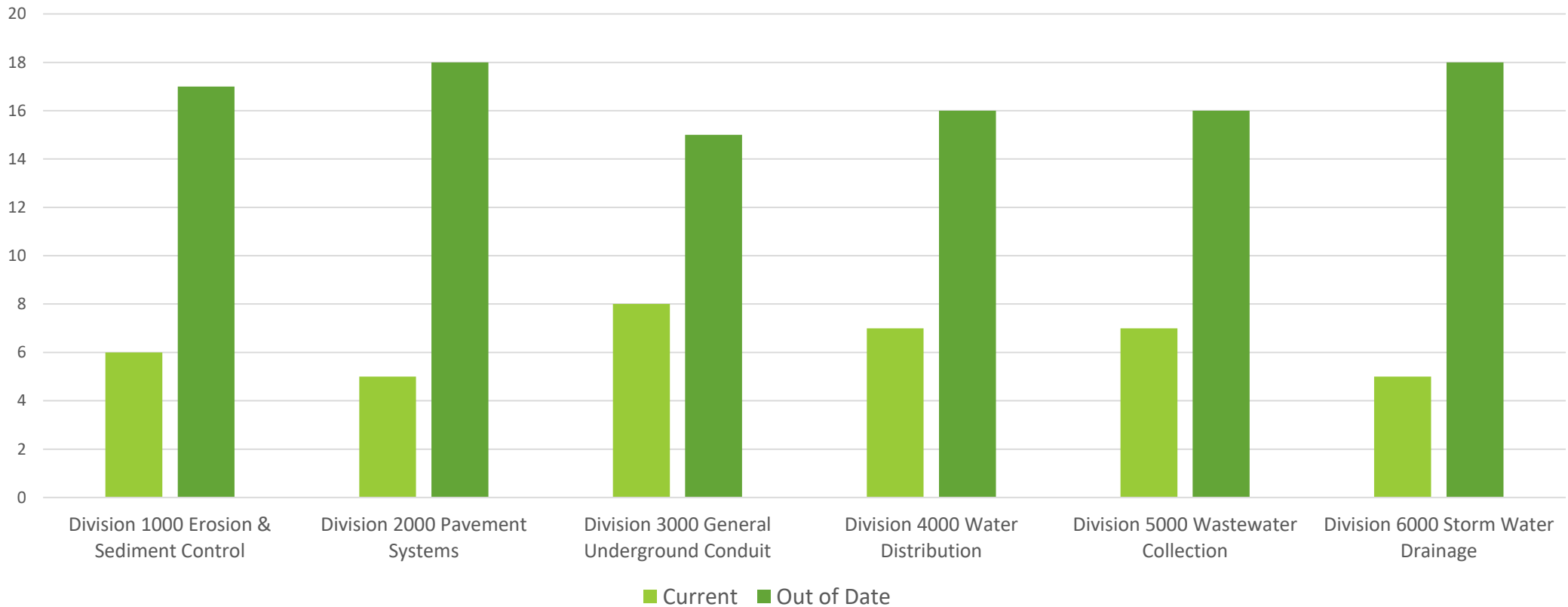
Results from November 2 – November 15, 2017

Which Divisions of Standard Drawings are used, and how?



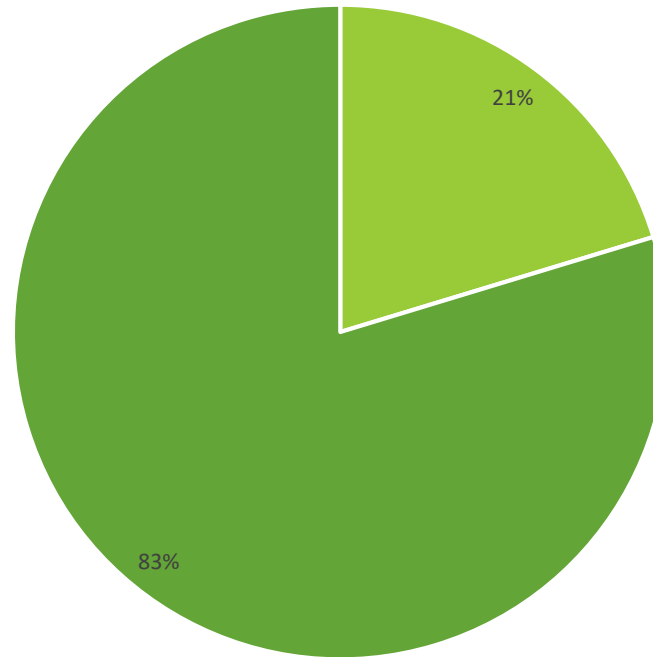
Use as a Contract Provision WITHOUT Local Modifications	3	1	2	0	0	1
Use as a Contract Provision WITH Local Modifications	8	9	7	8	8	9
Use as a Reference Only	9	8	7	7	7	7
Do Not Use This Division	3	5	6	7	7	6

Which Divisions of Standard Drawings are believed to be current or out of date?



Should NCTCOG continue to provide the Standard Drawings as-is, or update them?

■ As-Is ■ Update



Do you use other Standard Drawings in your city or county besides the NCTCOG Standard Drawings? (i.e., local drawings, TxDOT drawings, other city drawings, etc.)

“We have our own standard drawings. We also utilize TxDOT drawings for some drainage structures.”

“Local drawings, TxDOT, situational specific drawings from consultants”

“TxDOT PED and traffic signal details”

“City of Fort Worth has a very up to date and comprehensive set of standards. We use these standards for other cities other than CoFW. TXDOT drawings are also frequently used for drainage structures and retaining walls”

“TxDOT, larger cities (Ft. Worth, Dallas, etc.)”

Additional Comments

“The City has its own standard drawings that cover most of the work we contract. NCTCOG’s standard drawings are used in case we are missing something.”

“While I do not necessarily believe these are all completely out of date, I feel it would be worthwhile to go through an update process to ensure they all are. There may be some methodologies in these drawings which are no longer used in the industry.”

“Generally, the standards aren't out of date although the set of standards may need to be expanded to address current practices. Having a comprehensive set of standards that addresses most needs on a project would be the most beneficial.”

“I would recommend updating the standard drawings to provide guidance for smaller communities.”

Public Works Construction Standards- Maintenance and Updates

- Feedback from the October 12, 2017 special PWC meeting.
- Incremental updates? Amendments?
- Working groups?
- Bring back all comments/concerns/feedback received to the PWC on the Standards at quarterly PWC meetings.

Commitment Response Forms

- NCTCOG is now accepting Cost Share Commitment Response Forms for the FY2018 Regional Public Works Program!
- Cost shares for FY2018 remain the same as the FY2017 cost shares.
- To access your cost share contract, please visit:
http://www.nctcog.org/envir/SEEDevEx/pubworks/Cost_Shares/Cost_Shares.asp
- **Please complete and submit the FY 2018 Commitment Response Form indicating your jurisdiction's participation and support of these important regional initiatives.**



FY 2018 Work Program Update

- Held a *Construction Best Practices* training on October 3, 2017, NCTCOG Offices on planning and scheduling, safety and traffic control, partnering, and documentation related to construction management.
- Developing a **Public Works Training Site** organized by training categories and to include necessary items and agendas, when possible. More information to follow.
- Future Training Topics- *Beginners Training Contractors/Inspectors*
- Future Public Works Roundtables- *ROW Roundtable Discussions*

Save the Date!

Upcoming trainings and events in the region:

- *SPROW Education Forum, **December 4, 2017**, AIA Office Dallas*
- *Basic Water Works, **January 17 - January 19, 2018**, NCTCOG Offices*
- *Stormwater Pollution Under Construction, **January 29, 2018**, NCTCOG Offices*
- *18th Annual SAME Infrastructure Forum, **February 2, 2018**, UTA*

Sustainable Public Rights of Way (SPROW)

2017 SPROW Education Forum

Date: December 4, 2017

9:00 AM – 4:30 PM

Registration begins at 8:30 AM

Location: AIA Dallas, Lecture Room

1909 Woodall Rodgers Freeway, Suite 100, Dallas, Texas 75201

Credits: 4 CM Credits



2017 SPROW EDUCATION FORUM

DECEMBER 4, 2017, 9AM – 4:30PM
AIA OFFICE, 1909 WOODALL RODGERS
FREEWAY, SUITE 100
DALLAS, TX 75201

Topics Will Include:

- Municipal LED Retrofitting, City of Frisco
- Complete Streets Policy Adoption and Implementation, City of Weatherford
- Integration of Green Infrastructure at University of Texas at Arlington
- Tour of SPROW sites in downtown Dallas

Register Now!

[http://www.nctcog.org/envir/registration.
asp?EventID=555](http://www.nctcog.org/envir/registration.asp?EventID=555)

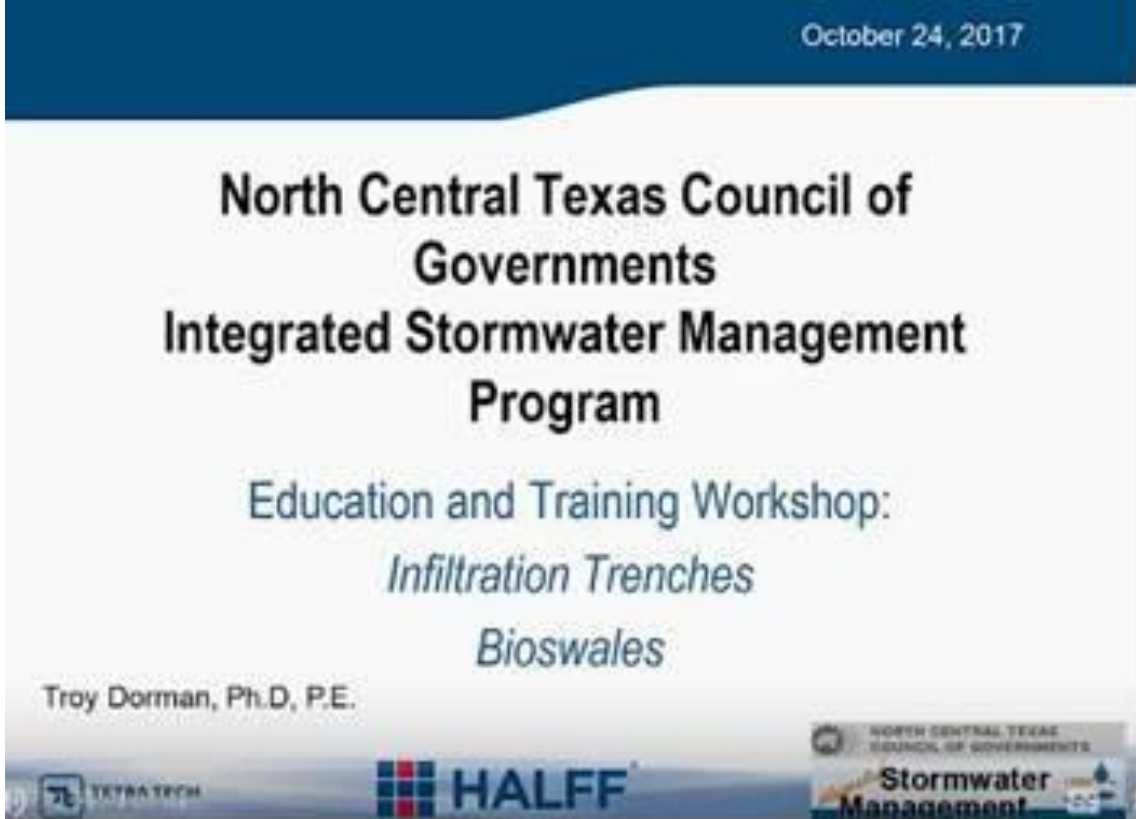
integrated Stormwater Management (iSWM)

- **iSWM Standard Construction Details** have been drafted, reviewed, and expected to be released late November.
 - Selected iSWM Schematics to be drafted as details: Rock Check Dam, Erosion Control Blankets, Dewatering Controls, Organic Filter Tub Curb Inlet Protection, Hog Wire Weir Curb Inlet Protection, Organic Filter Tube On-Grade Curb Inlet Protection, Organic Filter Tube Area Inlet Protection, Sediment Basin with Overflow Riser, Silt Fence, Stabilized Construction Exit.



integrated Stormwater Management (iSWM)

- Bioswales and Infiltration Trenches workshop was held on October 24th, hosted instructed by Troy Dorman, P.E. of Tetra Tech. Video is now available at www.iswm.nctcog.org



October 24, 2017

**North Central Texas Council of
Governments
Integrated Stormwater Management
Program**

Education and Training Workshop:
Infiltration Trenches
Bioswales

Troy Dorman, Ph.D, P.E.

TETRA TECH HALFF NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS Stormwater Management

integrated Stormwater Management (iSWM)

- **Next training:** iSWM Implementation Training for Planners, Developers, Builders, and Economic Development staff will be hosted in **January 2018**. Location: NCTCOG Offices. Agenda Pending. This will be hosted by the iSWM Consultant: Halff Associates and Mikel Wilkens P.E. ENV SP.



Other Program Activities

Cooperating Technical Partnership (CTP):

FY 15

-Flood Risk Projects for Lynchburg and Irving Creeks completed. Will present findings to the Corinth and Shady Shores City Councils in early 2018.

FY 16 and FY 17

-Halff Associates was recommended by the Consultant Selection Committee, and the NCTCOG Executive Board approved us to enter into a contract with them on October 26th. We are currently in contract negotiations with Halff. Projects should kick-off in the first half of 2018.

-FY 17 projects have been formally awarded (Flood Risk ID on Stream CF-5 in Benbrook, Town Creek in Weatherford, and Discovery in Richland-Chambers).

Other Program Activities

Community Rating System (CRS) Users Group:

The next CRS Users Group meeting in December 7th from 12 pm to 2 pm. We will watch two recorded ASFPM webinars that were broadcast this month. The topics will be Open Space Preservation and Stormwater and Urban Flood Management Best Practices. Certificates of Attendance will be provided that can be submitted to TFMA for 2 CECs. Registration will be posted and an email invitation will go out next week. ***Please visit www.nctcog.org/envir/mail to sign up for CRS emails!***

Public Works Emergency Response Team (PWERT) Update

Contact Information:

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Mistie Gardner, Vice Chair
NCT PWERT

mistie.gardner@cor.gov

Jessica Mason, NCTCOG Rep
NCT PWERT

JMason@nctcog.org

Next PWERT Meeting:

December 20, 2017, 9:30-11:00 am
NCTCOG, Regional Forum Room

North Central Branch AMERICAN PUBLIC WORKS ASSOCIATION

NOVEMBER 16, 2017



Mission

Training for the public works industry

- Roundtables : Inspectors, Managers, Roadgang
- One-day

Scholarships for college students / practitioner in public works fields

- Kiara Carriere – University of Houston
- Mansoor Taj Mohammed – UTA
- Dontevious Robinson – Prairie View A & M
- Ryan Hanley – Texas A&M



2018 Officers

Past President: Donna Renner

President: Derek Chaney

Vice President: Jay VonAhsen

Treasurer: Ronnie Bates

Secretary: Jim Proce

Director 1 : Paul Knippel

Director 2: Amy Williams

Director 3: Cesar Molina – Director of Engineering at City of Carrollton

Director 4: David Brown – Director of Public Work at City of McKinney



Last General Meeting/ Holiday Gathering

Tuesday, December 5, 2017

11:45 am – 1:00 pm

City of Cedar Hill Recreation Center



Roundtable Discussion

NOW, IT'S YOUR TURN...

Next Public Works Council Meeting

The next PWC meeting is scheduled for Thursday, February 8, 2018, at 9:30 a.m., in NCTCOG's William J Pitstick Board Room.

Public Works Staff

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