

# PUBLIC WORKS COUNCIL

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NOVEMBER 29, 2018

1. **Welcome and Introductions**

2. **Meeting Summary.** The August 16, 2018 [meeting summary](#) is available online for review. Vote for approval.

# 3. Council Bylaws

- Currently, no formal bylaws
- Last meeting, members were concerned by attendance and lack of policy
- If interested, Council can form a working group of members to develop bylaws, which would then be brought to the Council for approval.
- Or, NCTCOG Staff, with guidance from PWC Chair and Vice Chair, can develop draft bylaws which would then be brought to the Council for consideration and comment
- Example Bylaws: NCTCOG Committees – Resource Conservation Council, Regional Storm Water Management Coordinating Council

# 4. FY 2020 Public Works Cost Share

# **REGIONAL PUBLIC WORKS PROGRAM**

## **ALTERNATIVE APPROACHES FOR FY2020 COST SHARES**

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# Why does the PW cost share need to be revisited?

- Current Calculation is out of date
  - Current calculation can be traced back to 2005
  - Not all cities are included – current calculation includes 113 entities (entity included if city's 2001 population was over 10,000 or if the city or county were expected to be designated as an MS4)
  - Dated budget share amounts
- Based on 2001 population estimate and 2025 projected population
  - 2045 estimated data is now available
  - Need to take growing population into account
- More active Council and Subcommittees = More COG time and effort
- Goal: Vote for final FY2020 Cost Share approach at February 2019 PWC meeting, to allow members enough time to integrate new cost share amounts into their budgets

# Current Calculation

Based on 113 entities and \$573,575 budget

$$\begin{array}{|c|} \hline \text{Part 1:} \\ \text{Equal Share} \\ \hline \end{array} + \begin{array}{|c|} \hline \text{Part 2:} \\ \text{Population} \\ \hline \end{array} + \begin{array}{|c|} \hline \text{Part 3:} \\ \text{Growth} \\ \hline \end{array} + \begin{array}{|c|} \hline \text{Part 4:} \\ \text{Land Area} \\ \hline \end{array} = \begin{array}{|c|} \hline \text{Entity's Cost} \\ \text{Share} \\ \text{Amount} \\ \hline \end{array}$$

**Part 1: Equal Share** (57% of Budget: **\$326,937.75**)  
(57% Budget Estimate / Number of Entities)

**Part 2: Population** (14% of Budget: **\$80,300.50**)  
(Jurisdiction's 2001 Population / Total Population of Group) \* 14% Budget Estimate

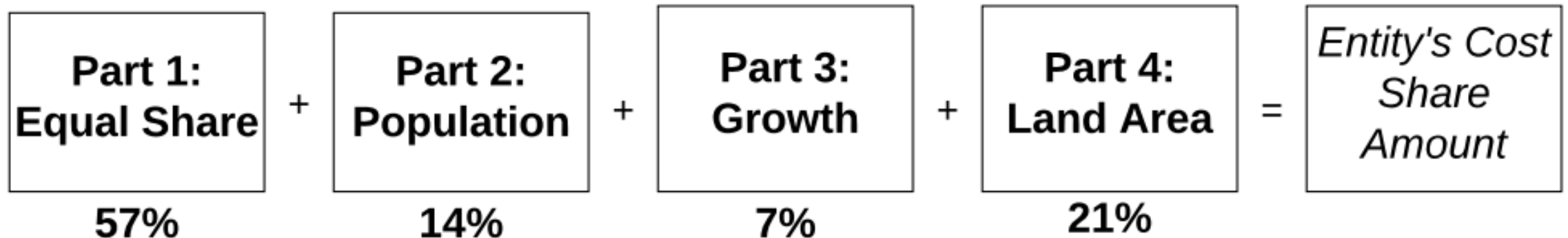
**Part 3: Growth** (7% of Budget: **\$40,150.25**)  
(Jurisdiction's Projected Population Increase / Total Projected Population Increase of Group) \* 7% Budget Estimate

**Part 4: Land Area** (21% of Budget: **\$120,450.75**)  
(Jurisdiction's Land Area (sq. mi.) / Total Land Area of Group) \* 21% Budget Estimate

# Alternative A

## Current Calculation with updated data

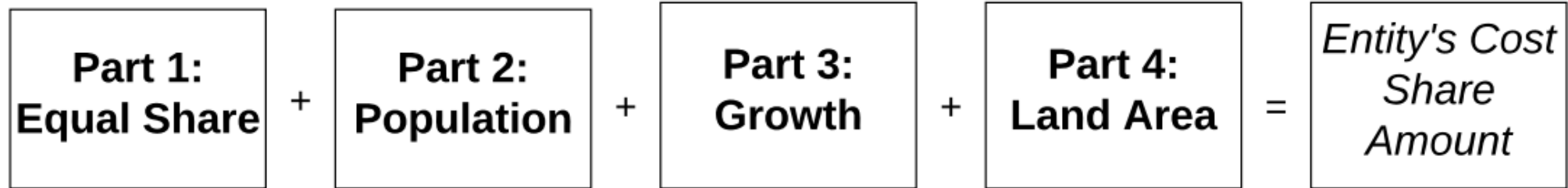
- Continue using the current calculation and weights, with updated budget of \$360,000 and 2018 population estimates
- Update to 2045 population projections from NCTCOG RIS for 12 counties and 2050 population projections from Texas Water Development Board for additional 4 counties





Alternative A has 3 scenarios (see handout) and a budget of \$360,000

**DRAFT**



**Part 1: Equal Share** (57% of Budget: **\$205,200**)  
(57% Budget Estimate / Number of Entities)

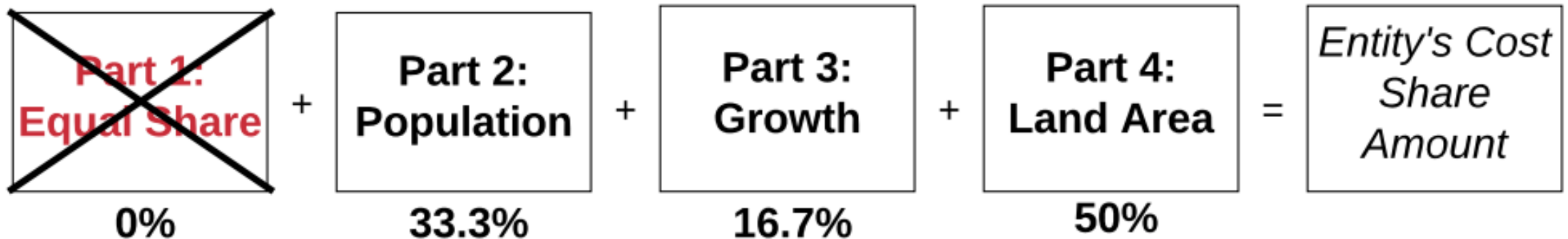
**Part 2: Population** (14% of Budget: **\$50,400**)  
(Jurisdiction's 2018 Population / Total Population of Group) \* 14% Budget Estimate

**Part 3: Growth** (7% of Budget: **\$25,200**)  
(Jurisdiction's Projected Population Increase / Total Projected Population Increase of Group) \* 7% Budget Estimate

**Part 4: Land Area** (21% of Budget: **\$75,600**)  
(Jurisdiction's Land Area (sq. mi.) / Total Land Area of Group) \* 21% Budget Estimate

# Alternative B No Equal Share

- Continue using the current calculation with some alterations
  - Updated 2018 population estimates
  - Remove equal share amounts
  - Adjust weights to accommodate equal share removal



Alternative B has 3 scenarios (see handout) and a budget of \$360,000

**DRAFT**



**Part 2: Population (33.3% of Budget: \$119,880)**

*(Jurisdiction's 2018 Population / Total Population of Group) \* 33.3% Budget Estimate*

**Part 3: Growth (16.7% of Budget: \$60,120)**

*(Jurisdiction's Projected Population Increase / Total Projected Population Increase of Group) \* 16.7% Budget Estimate*

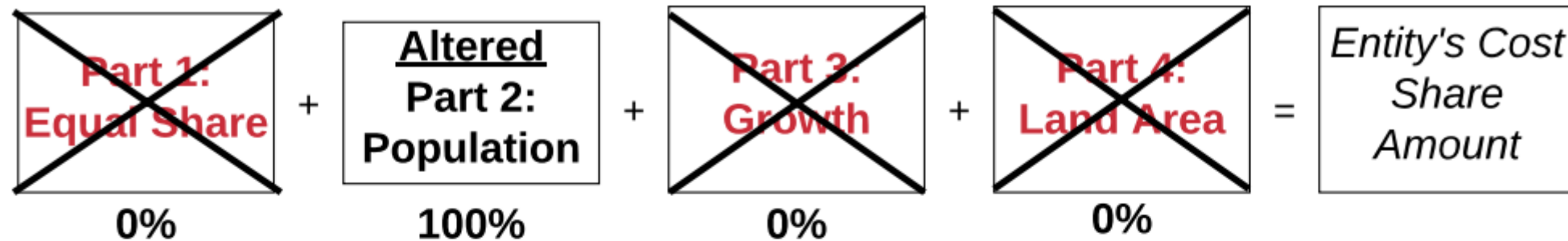
**Part 4: Land Area (50% of Budget: \$180,000)**

*(Jurisdiction's Land Area (sq. mi.) / Total Land Area of Group) \* 50% Budget Estimate*

# Alternative C

## Population Tiered Rate

- Tiered rate is based on population solely. Population number would be updated to 2018 population data.
- Similar to NCTCOG's WATER group and Codes Committee



~~**Part 2: Population** (100% of Budget: \$360,000)~~

~~(Jurisdiction's 2017 Population / Total Population of Group) \* 100% Budget Estimate~~

Instead of having cost shares based on population proportion, cost shares would be determined using a tiered rate.

Alternative C has 3 scenarios and a budget of \$360,000

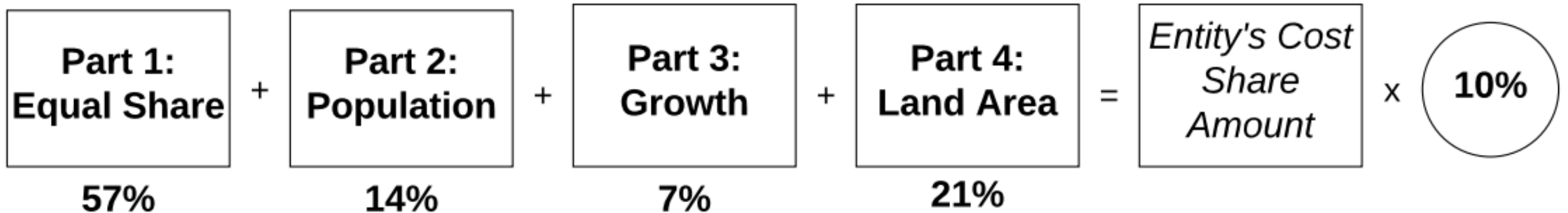
# Alternative C: Example Tiered Rates

CITIES				COUNTIES	
Population	Cost Share	Population	Cost Share	Population	Cost Share
0 – 2,000	\$1,000	50,001 – 100,000	\$10,000	0 – 100,000	\$2,500
2,001 – 5,000	\$1,500	100,001 – 500,000	\$20,000	100,001 – 1,000,000	\$5,000
5,001 – 10,000	\$2,500	500,001 – 1,000,000	\$30,000	1,000,001+	\$10,000
10,001 – 25,000	\$3,500	1,000,001+	\$40,000		
25,001 – 50,000	\$5,000				

# Alternative D

## Current Calculation with a 10% increase

- Continue using the current calculation, without any updates
- Increase all cost shares by 10%
- Increase from a \$330,000 budget to \$360,000 for FY2020
- Does not include all cities in region and maintains old data



Alternative D has 3 scenarios (see handout) and a budget of \$360,000

$$\begin{array}{|c|} \hline \text{Part 1:} \\ \text{Equal Share} \\ \hline \end{array} + \begin{array}{|c|} \hline \text{Part 2:} \\ \text{Population} \\ \hline \end{array} + \begin{array}{|c|} \hline \text{Part 3:} \\ \text{Growth} \\ \hline \end{array} + \begin{array}{|c|} \hline \text{Part 4:} \\ \text{Land Area} \\ \hline \end{array} = \begin{array}{|c|} \hline \text{Entity's Cost} \\ \text{Share} \\ \text{Amount} \\ \hline \end{array} \times \text{10\%}$$

**Part 1: Equal Share** (57% of Budget: **\$330,566**)  
(57% Budget Estimate / Number of Entities)

**Part 2: Population** (14% of Budget: **\$81,192**)  
(Jurisdiction's 2001 Population / Total Population of Group) \* 14% Budget Estimate

**Part 3: Growth** (7% of Budget: **\$40,596**)  
(Jurisdiction's Projected Population Increase / Total Projected Population Increase of Group) \* 7% Budget Estimate

**Part 4: Land Area** (21% of Budget: **\$121,787**)  
(Jurisdiction's Land Area (sq. mi.) / Total Land Area of Group) \* 21% Budget Estimate

# Questions and Considerations

1. Does the PWC want to bring cost shares up-to-date?
2. Any thought on a preferred scenario or potential changes to any of the scenarios?
  - Weights and tiers are subject to alteration by Council
  - Potential changes to alternatives/scenarios
  - Weights/tiers can be modified
  - Other ideas for how to calculate cost-shares?
3. Thoughts on updates to cost shares?
  - How often should population data (and as a result cost share amounts) be updated?



# 5. FY 2019 Regional Public Works Program Participation

NCTCOG is still accepting Cost Share Commitment Response Forms electronically for the FY2019 Regional Public Works Program!

Cost shares for FY2019 remain the same as the FY2018 cost shares.

To access your cost share commitment,  
please visit:  
<https://www.nctcog.org/envir/pwcostshare>

<i>Current FY 2019 Budget</i>	
<b>Total Committed</b>	<b>\$ 194,158</b>
<b>Percent of Goal Achieved</b>	<b>59%</b>

## 6. Smart Water Meter Update



- NCTCOG Procurement team has developed a draft RFP
- Collecting related RFPs from our communities for example language
- Work in progress

# 7. FY 2019 Public Works Work Program Update



**New Inspectors Workshop**  
November 6, 2018

Instructor: **Kip Goodchild**,  
Chief Construction Inspector,  
City of Flower Mound



## Attendees from:

- Colleyville
- Corinth
- Dalworthington Gardens
- Duncanville
- Lewisville
- Murphy
- North Richland Hills
- Northlake
- Plano
- Rowlett
- Royse City
- Stephenville
- Watauga
- White Settlement

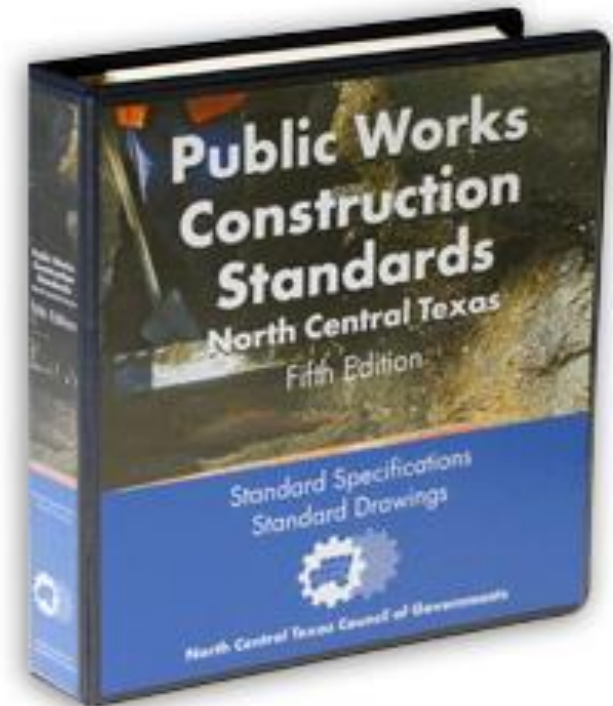
# PWC Preferences on Training Needs *(From 02/08/2018 PWC Meeting)*

- Pipeline Safety (gas)
- Inspector Training (field issues)
- Work Zone Traffic Control
- Inspector Roundtable
- ~~Young Inspector Plan Review Training (11/06/2018)~~
- Beginner, Hands-on inspectors
- ~~Construction Contracts Guidance (8/14/2018)~~
- Construction – best practices, safety, and/or ADA compliance

# Standard Drawings Subcommittee

## Presented by Keith Marvin

- Subcommittee has been reviewing the drawings from *Division 1000: Erosion and Sediment Control*.
- Next meeting, the Subcommittee will begin reviewing drawings from *Division 6000: Storm Water Drainage* and is soliciting additional volunteers.
- Upcoming Meeting Dates:
  - December 10, 2018 at 10 am, Six Flags Conference Room
  - January 14, 2018 at 10 am, Six Flags Conference Room



# Sustainable Public Rights of Way (SPROW)

## Presented by Robert Woodbury

- Met on September 6<sup>th</sup> and October 4<sup>th</sup> to discuss implementation of new Small Cell 5G rules
- Long term project: Create a set of guidelines or BMPs for management of various aspects of a ROW
- Next meeting: January 22, 2019
- If interested in being added to mailing list, please see Kate



# integrated Stormwater Management (iSWM)

*Presented by Ranjan Muttiah*

- **Proprietary Devices**

- Developing resources that can be used by cities to identify what proprietary devices may be approved versus requiring a special approval process; using resources provided by TAPE/TARP

- **Post-Construction Maintenance Workshop**

- December 4, 2018, AgriLife Center
- Register: [www.nctcog.org/envir/events](http://www.nctcog.org/envir/events)

- **Producing 10 Standard Details**

- Half working to produce 10 standard details by January/February timeframe for consideration by the PWC Standard Drawing Subcommittee

- **Development of Task Order #3 Scope**

- If anyone has needs associated with iSWM, please make staff aware so they can be considered by the iSWM subcommittee.



# 8. Other Program Activities

- **Cooperative Technical Partnership Program**
  - FY16 East Fork Discovery ongoing; Discovery Meeting for communities is tentatively planned for February.
  - FY16 Flood Risk ID Projects in Tarrant County and Cleburne ongoing.
  - FY17 Flood Risk ID Projects in Benbrook and Weatherford ongoing.
  - FY17 Richland-Chambers Discovery to tentatively kick off in early 2019.
  - FY18 Flood Risk ID Project on Marys Creek in Parker County has been awarded. Currently coordinating with match partners. Project will tentatively kick-off in January/February.
- **Community Rating System Users Group**
  - Next meeting date TBD January or February – NOAA Atlas 14 results for North Texas and incorporation into drainage manuals.



# Submittal of 2018 Flood Photos

- Please consider submitting flood photos to the NCTCOG 2018 Flood Photo Library
- To submit photos, please follow this link:  
<https://form.jotform.com/nctcoged/flood-photo-submission>
- To view the NCTCOG 2018 Flood Photo Library, please follow this link:  
<https://drive.google.com/drive/u/1/folders/1ULTLzyZrhR8JBAk1TrmxWrxYpPg8R-kK>

# Public Works Emergency Response Team (PWERT) Update

- Contact Information:

Manny Palacios  
Chair

[mpalacios@weatherfordtx.gov](mailto:mpalacios@weatherfordtx.gov)

Mistie Gardner  
Vice Chair

[mistie.gardner@cor.gov](mailto:mistie.gardner@cor.gov)

Jessica Mason  
NCTCOG Rep

[JMason@nctcog.org](mailto:JMason@nctcog.org)

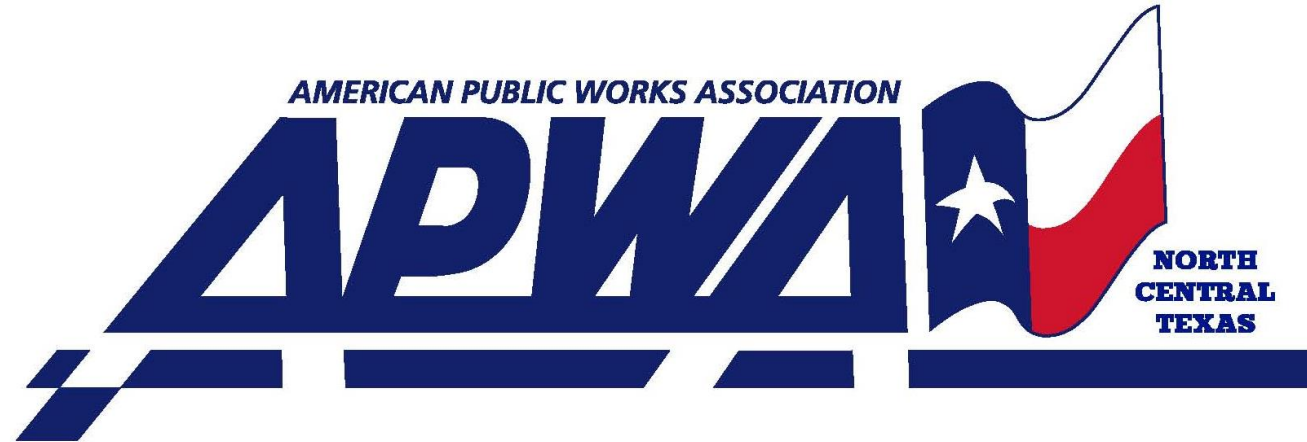
Last PWERT Meeting:

- September 20, 2018, 9:30-11:00

Next PWERT Meeting:

- TBA





# North Central Texas Branch American Public Works Association

- Derek B. Chaney, PE, RPLS
  - NCTX Branch President
- TPWA Update, NCTCOG Public Works Council: November 29, 2018

# Next TPWA-NCTX Branch Meeting Holiday Party & Annual Meeting

December 11<sup>th</sup>, 2018, 11:30 AM  
Crosby Recreation Center – Carrollton, TX  
1610 E. Crosby Rd, Carrollton, TX 75006



<https://www.google.com/maps/place/Crosby+Recreation+Center>



# Upcoming TPWA-NCTX Branch Events

Date	Event	Location
November 20, 2018	Director/Engineer Roundtable (Contact: <a href="mailto:jim.amick@neel-schaffer.com">jim.amick@neel-schaffer.com</a> )	City of Coppell, TX
December 11, 2018	Annual Holiday Meeting	Crosby Recreation Center, Carrollton, TX
February 11-13, 2019	TPWA Annual Public Workshop	New Braunfels, TX

# Public Works Institute of Texas (PWITX)



The Public Works Institute of Texas (PWITX) continues an award winning tradition of providing members of the Texas Chapter of the American Public Works Association (APWA) with the highest quality in educational and professional development opportunities.

<http://www.pwtx.org/>



9. Future Agenda Items

10. Roundtable Topics/Other Business



**Save the Date**

S.A.M.E. Infrastructure Forum

*Imagine Future Infrastructure: Technology, Research, and People*

*December 14, 2018*

*University of Texas – Arlington*



# 11. Next Public Works Council Meeting

*The next PWC meeting is scheduled for:*

Thursday, **February 21, 2019**

9:30 a.m. – 11 a.m.

NCTCOG's Regional Forum Room

# Public Works Staff

**EDITH MARVIN, PE, CFM**

◆-----◆  
DIRECTOR

**EMARVIN@NCTCOG.ORG**

(817) 695-9211

**KATE POWERS**

◆-----◆  
PUBLIC WORKS, TxCDBG

**KPOWERS@NCTCOG.ORG**

(817) 695-9213

**TAMARA COOK, AICP**

◆-----◆  
SENIOR PROGRAM MANAGER

**TCOOK@NCTCOG.ORG**

(817) 695-9221

**MIA BROWN, CFM**

◆-----◆  
CTP, CRS

**MBBROWN@NCTCOG.ORG**

(817) 695-9227



@NCTCOGENV



@NCTCOGENV