

PUBLIC WORKS COUNCIL

November 21, 2019

1. Welcome and Introductions

ACTION ITEMS

2. Meeting Summary

The [Aug 15th meeting summary is available for review.](#) Vote for approval.

3. Amendment to Halff Associates Contract

- Standard Drawings Subcommittee would like Halff to update inlet drawings 6020 and 6030 to ensure that changes to steel are structurally sound
- Ben Pylant at Halff has agreed that this can be added to their current contract for iSWM under Public Works
- The Standard Drawings Subcommittee is asking the PWC to approve \$10,000 to include this as a new task order

DISCUSSION ITEMS

5. Process for Reappointments to the Council

The Council wanted to discuss adding a process for reappointments to the bylaws.

INFORMATION ITEMS

6. FY 2020 Public Works Work Program Update

Cost Share Subcommittee

Presented by Olivia Kale and Gerald Cosgrove

- History of previous cost shares
- Difference between G and H Alternatives
- Review alternatives and recommendation handout

History of Public Works Cost Shares

- The Regional Public Works Program has used the same formula since at least 2003
 - The population data is from 2001
- NCTCOG wasn't collecting enough to run programs and the Council was concerned that there were barriers for smaller communities to participate
- In FY19 the Council was presented with 6 alternatives (A-F)
- The Council voted to update the population data (Alt. A) for FY20 and convene a subcommittee to find a more permanent solution
- Public Works Cost Share Subcommittee has met for the last 6 months

FY03-19 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

Alternatives A-F from Feb 21, 2019 PWC Meeting

Alt A: calculation is unchanged, but the population data is updated

Alt B: equal share is removed from the calculation

Alt C: current calculation is eliminated and replaced with a tiered population system

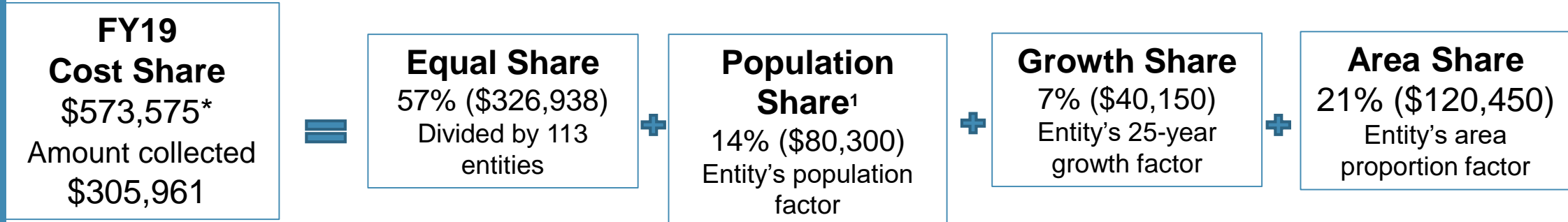
Alt D: calculation is unchanged and all individual cost share amounts are increased by 10%

Alt E: cost shares based on proportional population

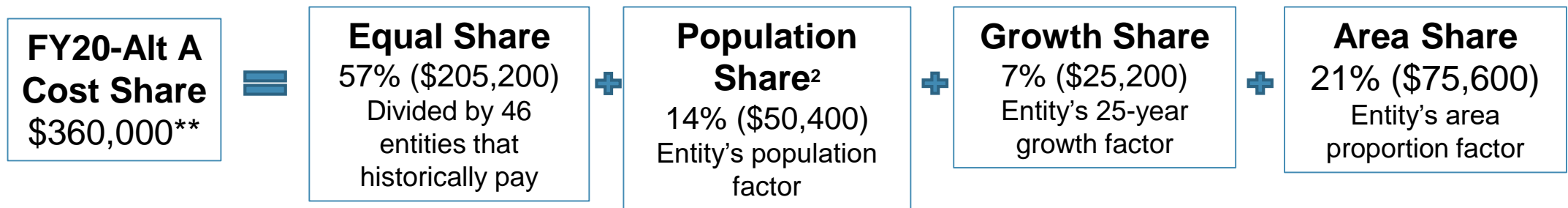
Alt F: equal share is removed, income factor is added, and population data is updated

Alt A was approved by the PWC for FY20.

FY19 and FY20 Cost Shares



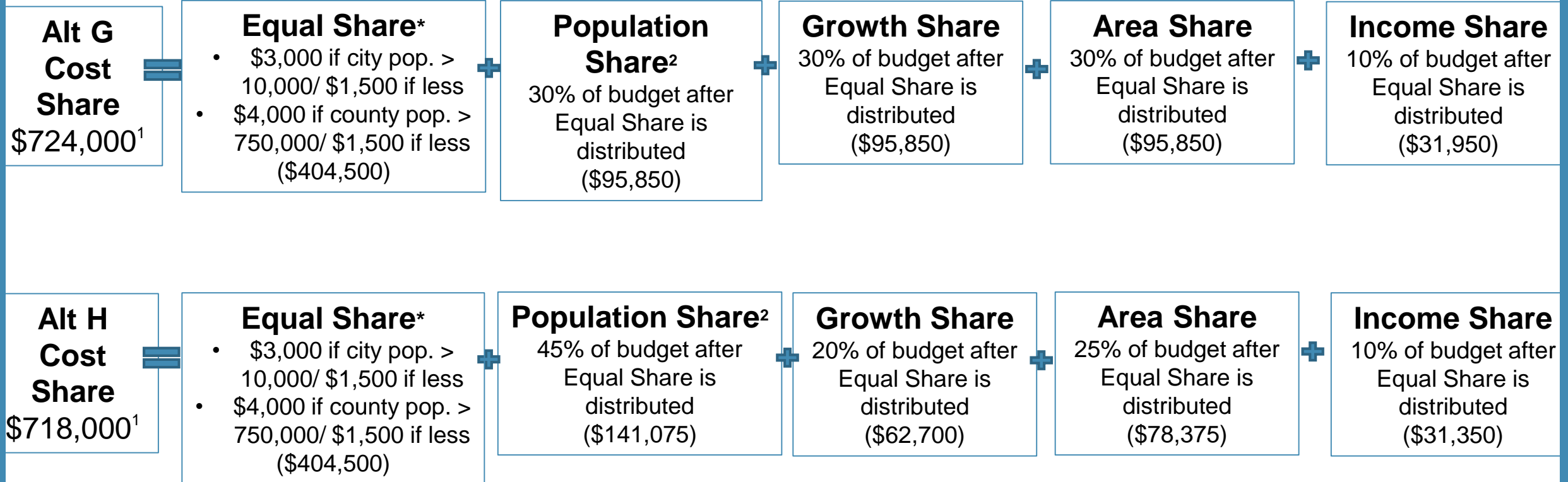
*This budget amount is for the purpose of the calculations based on 113 entities. The amount NCTCOG needs to collect to run the program is about \$360,000. By setting the budget for the calculations higher it allows NCTCOG to create a cost share amount for each entity but also realistically collect \$360,000 from the cities who historically pay.



**This budget amount is for the purpose of the calculations. The amount NCTCOG needs to collect to run the program is about \$360,000. The budget for FY20 was set at \$360,000 because the cost shares were only calculated for the 46 communities that have historically paid. Using the same formula, cost-shares for the rest of the entities were made.

1. Population data is from the 2001 NCTCOG Population Estimates Publication
2. Population data is from the 2019 NCTCOG Population Estimates Publication

G and H Alternatives



*All counties and cities with a population under 10,000 pay only the Equal Share. Also, there is a cap on all cost shares to not exceed \$45,000 (Dallas/Fort Worth)

1. This budget amount is for the purpose of the calculations. The amount NCTCOG needs to collect to run the program is about \$360,000. By setting the budget for the calculations higher it allows NCTCOG to create a cost share amount for each entity but also realistically collect \$360,000 from the cities who historically pay.
2. Population data is from the 2019 NCTCOG Population Estimates Publication

Cost Shares Recommendation

- A subcommittee will convene to review cost shares every 5 years
- The population data won't be updated until the subcommittee meets to keep cost shares consistent
- NCTCOG will start collecting a nominal fee for trainings and workshops to cut program costs
- All city and county governments will be directly invoiced- no commitment forms
- Deadline to pay cost share is Dec 31st to be considered a member for the year
- Professional organizations and private sectors can give donations to participate
- Non city/county local governments (*airports, special districts, NTTA, TxDOT, etc.*) will have a cost share of \$1,500

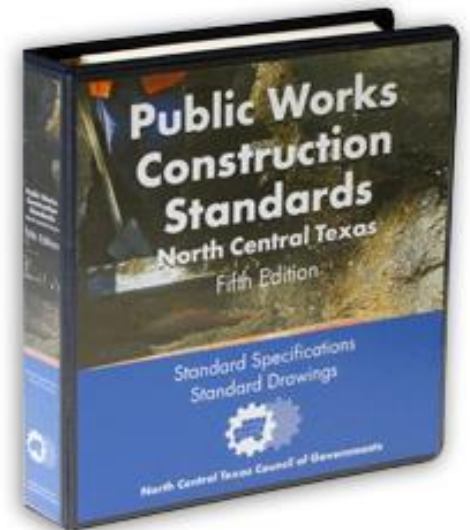
Standard Drawings Subcommittee

Presented by Keith Marvin

- Subcommittee has completed review of Division 1000: Erosion and Sediment Control
- NCTCOG is incorporating drawing updates by the iSWM Subcommittee into Division 1000
- Subcommittee is reviewing drawings 6020 and 6030 from *Division 6000: Storm Water Drainage*.
- Subcommittee is reviewing *Division 3000: General Underground Conduit*
- Moving to *Division 2000: Pavement Systems*

Next Meeting

Dec. 16, 2019 at 10 am
Regional Forum Room, CPII



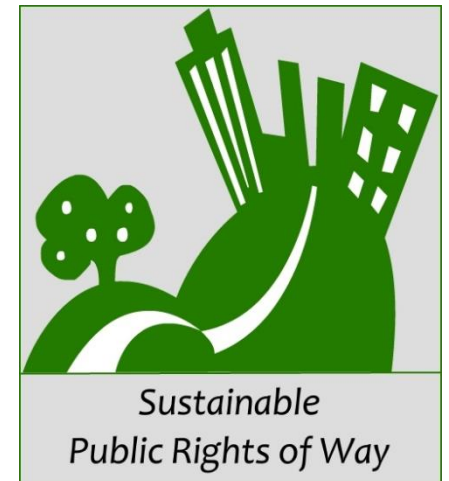
Sustainable Public Rights of Way (SPROW)

Presented by Robert Woodbury

- Subcommittee met Oct. 8, 2019
- Discussed ROW challenges with representatives from Crown Castle
- Made edits to the SPROW BMP Guidelines Topic Prioritization Survey

Next Meeting

Tuesday, Dec 10, 2019 at 2:00 pm
Fred Keithley Conference Room, CP11



Preliminary Results to SPROW Topic Prioritization Survey

- There have been 31 responses to the survey (4 from PWC, 6 from SPROW)
- The survey asked respondents to select 5 topics out of 21 that they wanted completed first in the BMP

Top 6 topics:

1. Landscape Planning & Vegetation Management (Trees, Irrigation Methods, Maintenance, Vulnerability, etc.) *(19 votes)*
2. Utilities (Coexisting Types, Franchises, Documentation, Coordinated Needs, etc.) *(17 votes)*
3. Small Cell Implementation and Policy *(12 votes)*
4. Green Infrastructure and Low Impact Development *(11 votes)*
5. ROW Planning, Administration, and Policy (Fees, Ordinances, Incentives, and Coordination) *(11 votes)*
6. Complete Streets Planning *(11 votes)*

Integrated Stormwater Management (iSWM)



Presented by Ranjan Muttiah

Task Order 3 Activities – Technical Workshops

iSWM Adopters Workshop

- Survey will be distributed to iSWM adopters Early December.
- This survey is an opportunity for iSWM Adopters to provide feedback on inconsistencies and potential errors found in any iSWM technical manual documents.

iSWM Designation Workshops

- Second of three workshop held October 22nd. Workshop included an overview of the iSWM program and case studies from communities that have adopted iSWM.
- Third workshop will be held in January 2020 and will be open to any community interested in discussing the iSWM program.

Reorganization/Re-evaluation Site Development Controls Workshop

- First of three workshops held October 9th to discuss effectiveness of new best management practices and new technologies.
- Half has gathered the feedback on BMPs that could be removed and changes that would make current iSWM manual easier to use.

Next iSWM Meeting

Wednesday, January 8, 2020 at 1:30 pm
Fred Keithley Conference Room, CPII

Integrated Stormwater Management (iSWM)



Presented by Ranjan Muttiah

Task Order 3 Activities - Atlas 14 rainfall memo

- Members of the subcommittee were asked to comment on how the rainfall memo should be incorporated into the iSWM technical manual.
- Comments made addressed the following:
 - How are small tropical cyclone (Tcs) used for the calculation of intensities compare to the current county wide tables?
 - Does NOAA-14 give Intensity Duration Frequency (IDF) parameters? How do they compare to the current county values?

Next iSWM Meeting

Wednesday, January 8, 2020 at 1:30 pm

Fred Keithley Conference Room, CPII

Integrated Stormwater Management (iSWM)



Presented by Ranjan Muttiah

Task Order 3 Activities - Atlas 14 rainfall memo (Continued)

Two methods proposed for incorporation into the iSWM technical manual for the Public Works Council to consider and provide feedback to the iSWM subcommittee

1. Incorporated by county/city
 - The Technical Manual Rainfall Intensities Rainfall tables were generated at the center of each county.
2. or a more spatial distribution based on gridded precipitation frequency estimates.

Next iSWM Meeting

Wednesday, January 8, 2020 at 1:30 pm

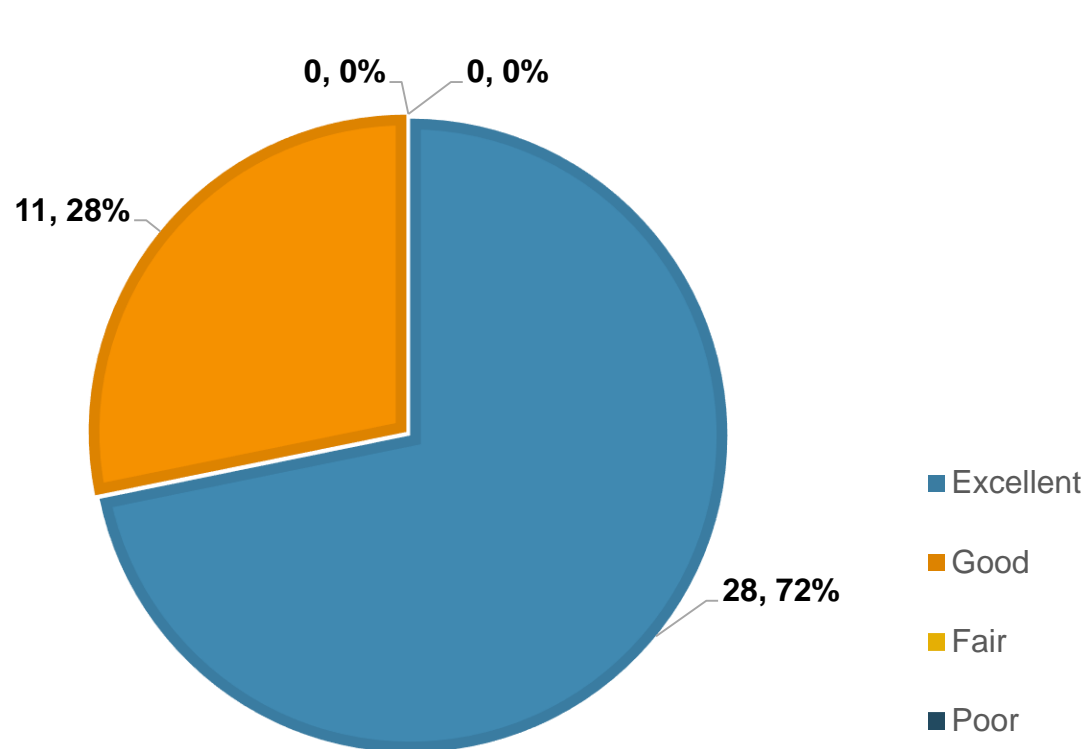
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Construction Contracts Workshop Review

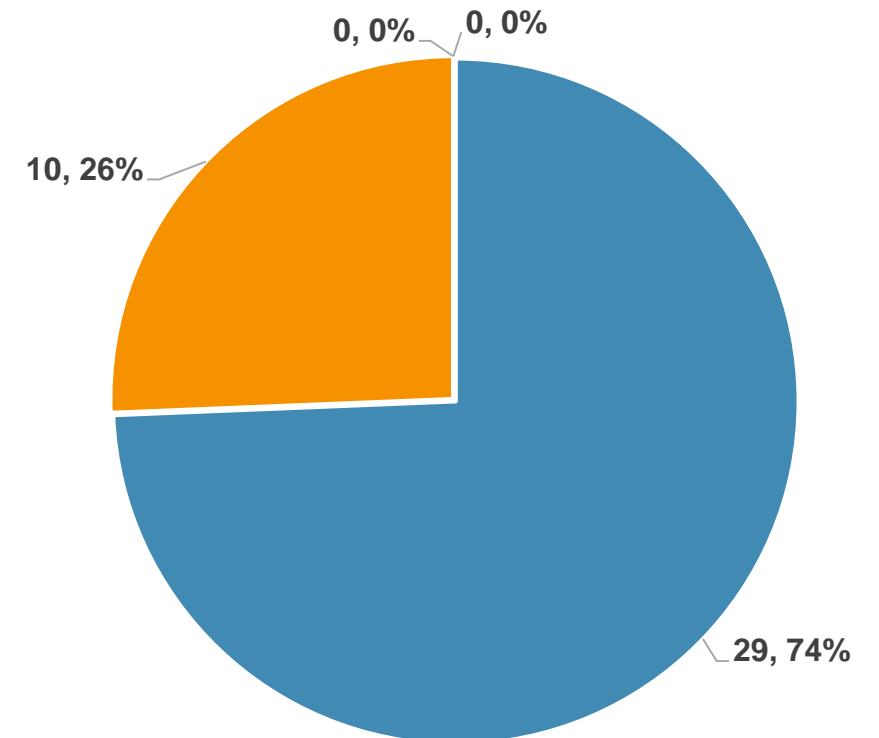
Halff Associates instructed 4- hr. course on construction contracts administration Aug. 16, 2019

- 58/62 people who registered attended
- 39 responses to the evaluation form

OVERALL IMPRESSION OF THIS TRAINING

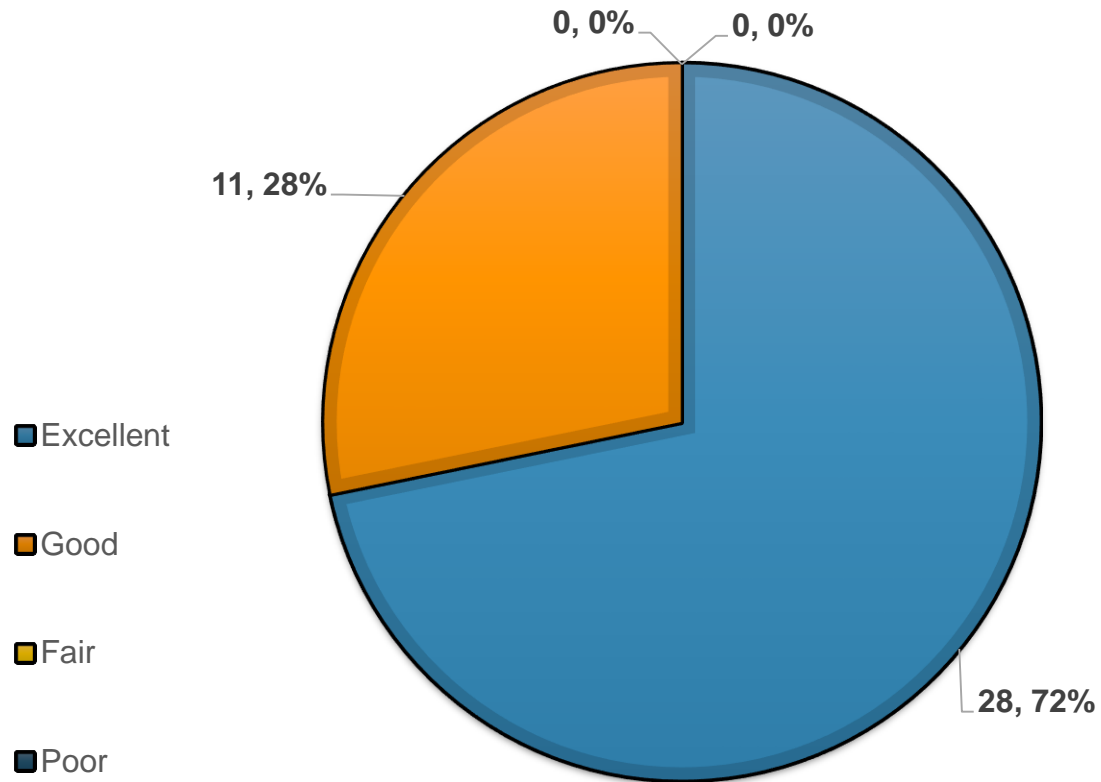


Usefulness of Content

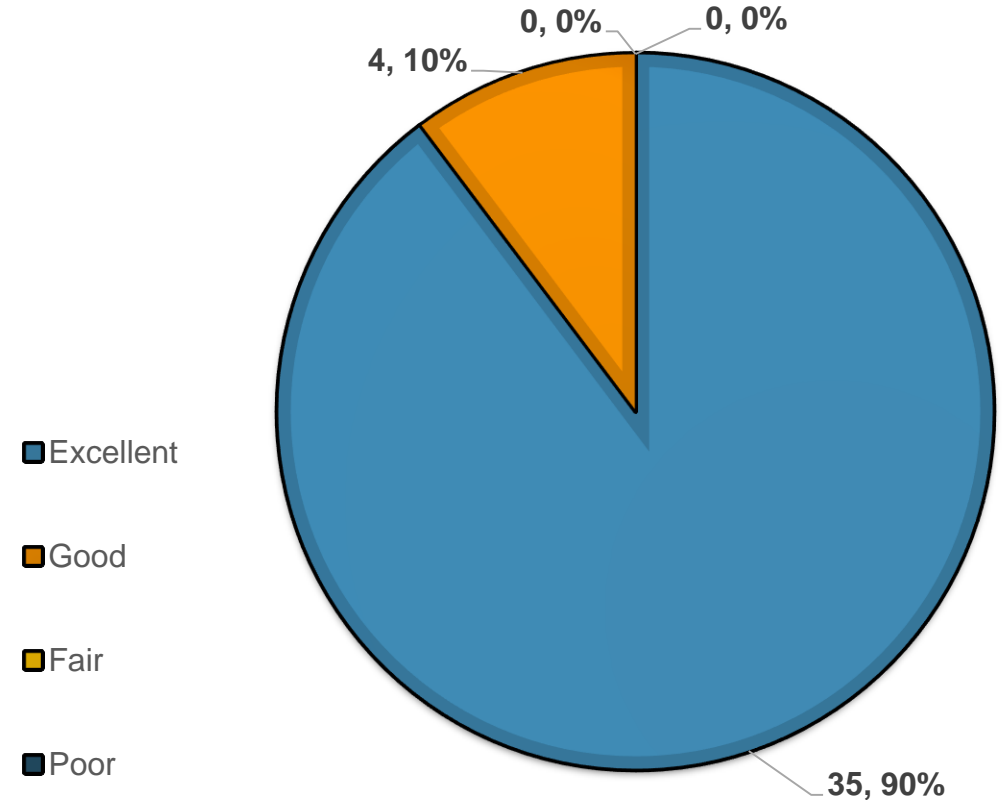


Construction Contracts Workshop Review

My Needs on the Subject were Addressed



Trainers Knowledge of the Subject Area



New Inspector's Workshop

- Looking for a volunteer to instruct the workshop
- Last year it was a half day
 - Presentation for 2 hours
 - Field visits for 2 hours
- High demand for this course

Public Works Roundup

- Due to conferences in May and June (TFMA, ASFPM, TPWA, FEMA) weeks available for the Roundup are:
 - May 4-8
 - May 11-15
 - May 18-22
 - June 1-5
- Venue Suggestions?
 - Roundup held at Grapevine Convention Center 2017-2019.
- SPROW Track?

7. Other Program Activities

- **Cooperative Technical Partnership (CTP) Program**

- **FY16 Projects**

- East Fork Discovery and Silver Creek/McAneer Creek Flood Risk Identification Projects complete. East Fork BLE data will be available on the FEMA Region 6 Estimated BFE Viewer (<https://webapps.usgs.gov/infrm/estBFE/>) in the near future.

- **FY17 Projects**

- Flood Risk Review meetings for Town Creek and Stream CF-5 scheduled for November/December.
- Discovery Meeting for Richland-Chambers Watersheds is scheduled for December 5th (10 am – 2 pm, “come and go”) at the Ellis County Courts Building in Waxahachie.

- **FY18 Projects**

- Flood Risk ID on Marys Creek in Parker County is ongoing. Project is about 30% complete.

- **FY19 Projects**

- NCTCOG was awarded two flood risk identification projects: Harriet Creek (Denton County, 7 miles) and Waxahachie Creek (Ellis County, Midlothian, Waxahachie; 19 miles). Projects will kick off in early 2020.

7. Other Program Activities

- **Community Rating System Users Group**

- Next meeting will be **Tuesday, December 3rd** from 12 p.m. to 2 p.m. The topic will be the integration of transportation and stormwater planning in the western, largely undeveloped portion of the NCTCOG region. Attendees will receive a certificate for proof of two (2) CECs for their CFM License. Registration is open at www.nctcog.org/envir/events.
- Please contact Mia Brown (mbbrown@nctcog.org or (817) 695-9227) with questions about these meetings.

7. Other Program Activities

- Pavement Analysis Contract 1-year renewal

7. Other Program Activities

Public Works Emergency Response Team (PWERT) Update

Contact Information:

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Vice Chair

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NCTCOG Rep

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7. Other Program Activities



North Central Texas Branch
American Public Works Association

- TPWA NCT Branch December Membership Meeting and Luncheon Dec. 9, 2019
- 6th Annual Sporting Clay Tournament March 13, 2020

7. Other Program Activities

TWDB State Flood Plan and Funding Update

- Proposed rules for the Texas Infrastructure Resiliency Fund published in the [Texas Register](#) for public comment on October 18th.
- Texas voters approved Proposition 8 to create the Flood Infrastructure Fund (FIF) on November 5, 2019. TWDB released the proposed rules for the FIF and the Flood Intended Use Plan on November 15th for public comment. Rules will be published in the Texas Register later this month.
 - <http://www.twdb.texas.gov/board/2019/11/Board/Brd02.pdf?d=95520.30500001274>
 - Comments on the rules should be submitted to rulescomments@twdb.texas.gov.
 - Comments on the Flood Intended Use Plan should be submitted to Flood-IUP-Comments@twdb.texas.gov.
 - Comment period ends mid-January 2020.
- Proposed regional and state flood planning rules are anticipated to be published in the Texas Register in mid-December.

7. Other Program Activities

FY 2020 Public Works – Cost Share

- FY2020 Cost Shares have been posted to <https://www.nctcog.org/envir/public-works/cost-share>
- We have \$211,186 out of our \$360,000 budget (59%) committed

Regional Public Works FY20 Cost-Share Participants

- Allen
- Arlington
- Benbrook
- Cedar Hill
- Cleburne
- Coppell
- Corinth
- Dallas
- Denton
- Ennis
- Fort Worth
- Garland
- Grand Prairie
- Haltom City
- Johnson County
- Keller
- Kennedale
- Lewisville
- Mansfield
- Mesquite
- Plano
- Red Oak
- Richardson
- Tarrant County
- Weatherford

Other Events

- TCEQ Workshop on funding EV charging stations NCTCOG Offices Dec. 5th
- Second iSWM Reorganize/Re-evaluate Site Development Controls Workshop, tentatively scheduled for February
- Third iSWM Designation Implementation Workshop, tentatively scheduled for February

Additional workshop dates TDB

OTHER BUSINESS AND ROUNDTABLE DISCUSSION

8. Future Agenda Items

9. Roundtable Topics/Other Business

NOW, IT'S YOUR TURN...

10. Next Public Works Council Meeting

The next PWC meeting is scheduled for:

Thursday, **February 20, 2019**

9:30 a.m. – 11 a.m.

Regional Forum Room, CP11

Public Works Staff

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