

PUBLIC WORKS COUNCIL

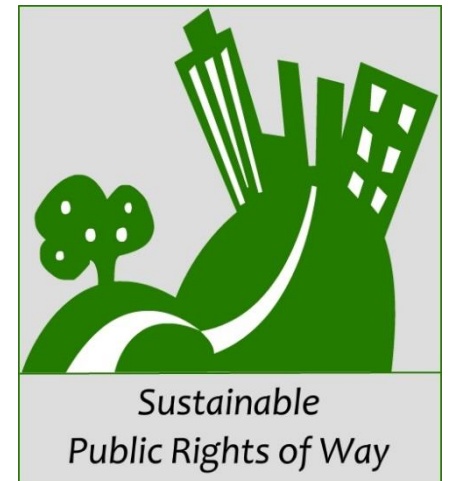
August 15, 2019

1. Welcome and Introductions

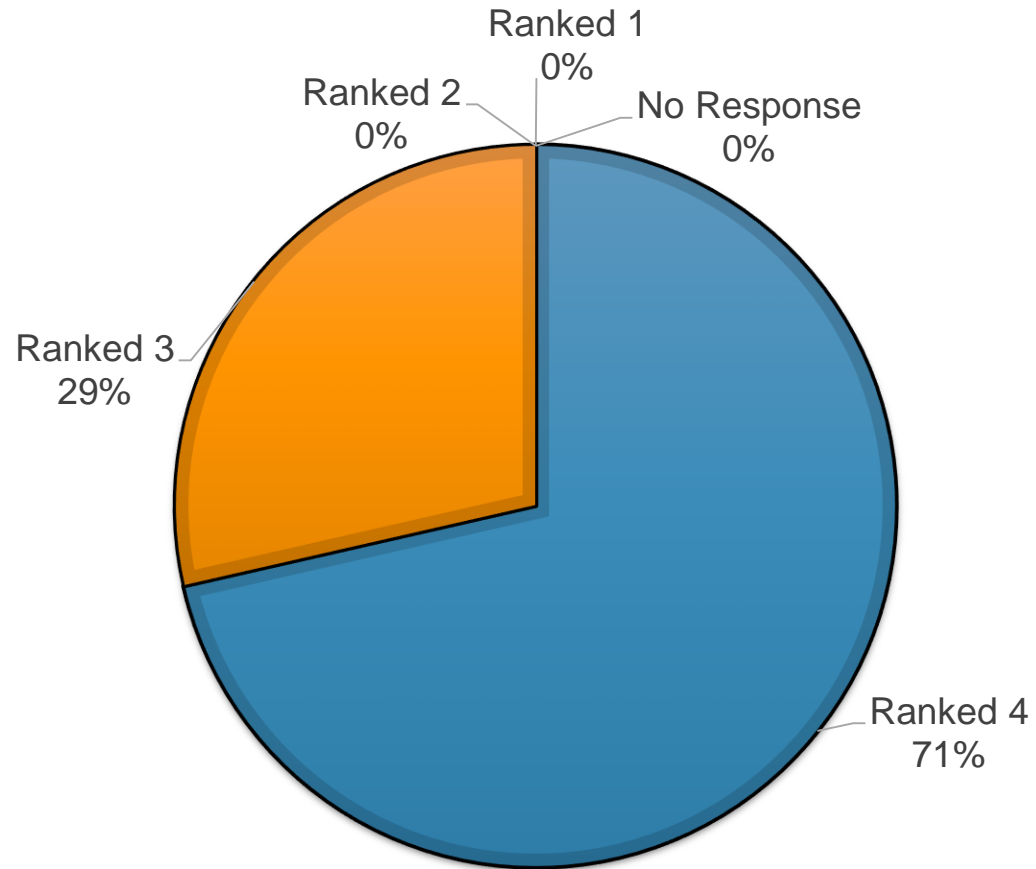
Sustainable Public Rights of Way (SPROW)

Presented by Robert Woodbury

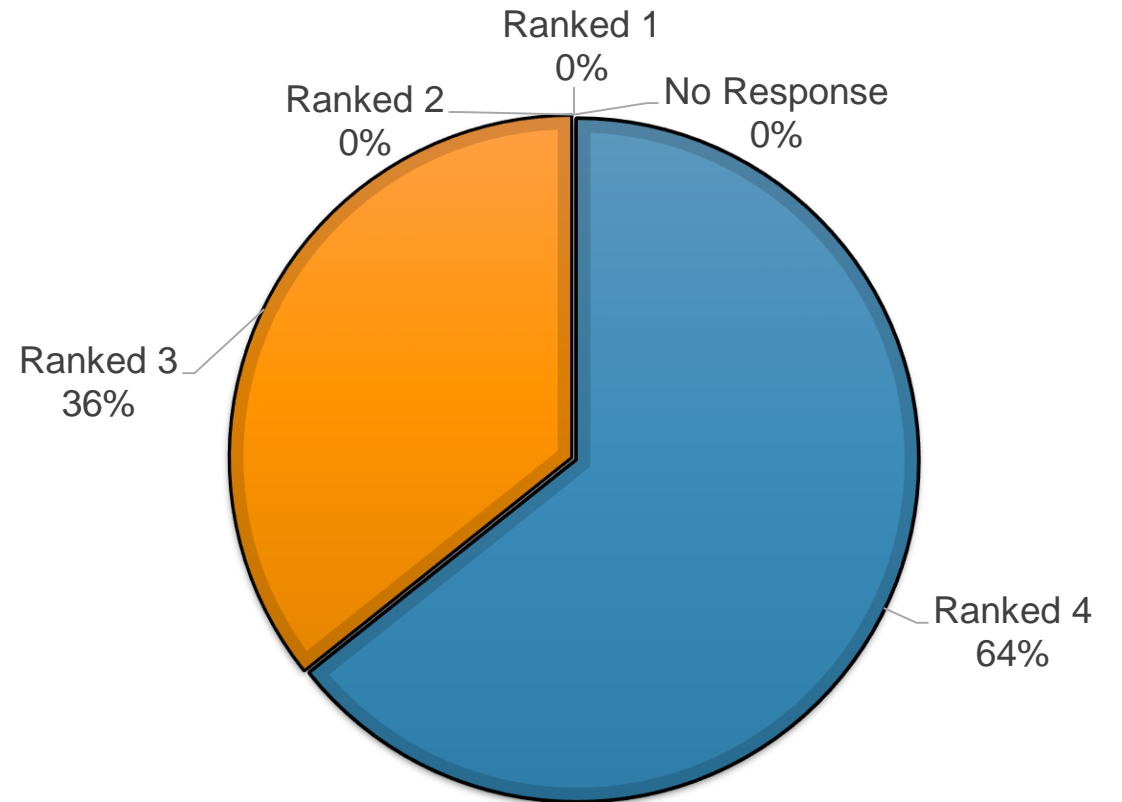
- Subcommittee met June 18, 2019
- Discussed SPROW BMP Guidelines Document
- Reviewed success of SPROW Tract at Public Works Roundup
 - Evaluation summary provided on next slides
- Next Meeting
Tuesday, August 20, 2019 at 1:30 pm
Tejas Conference Room, NCTCOG



Usefulness of Case Studies and Presentations

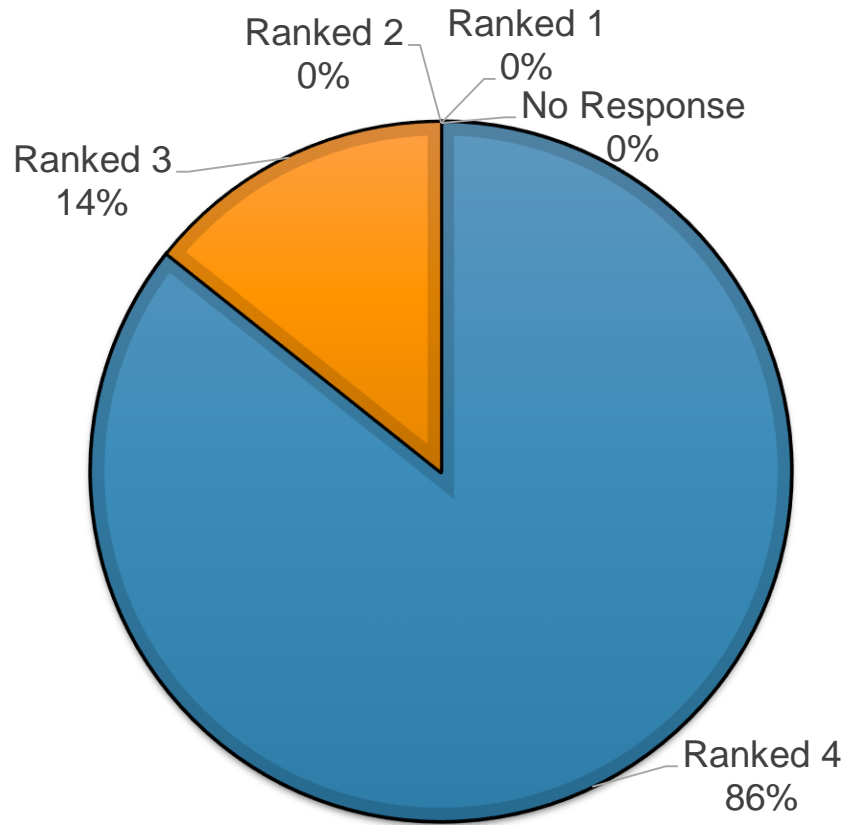


My Needs on the Subject were Addressed

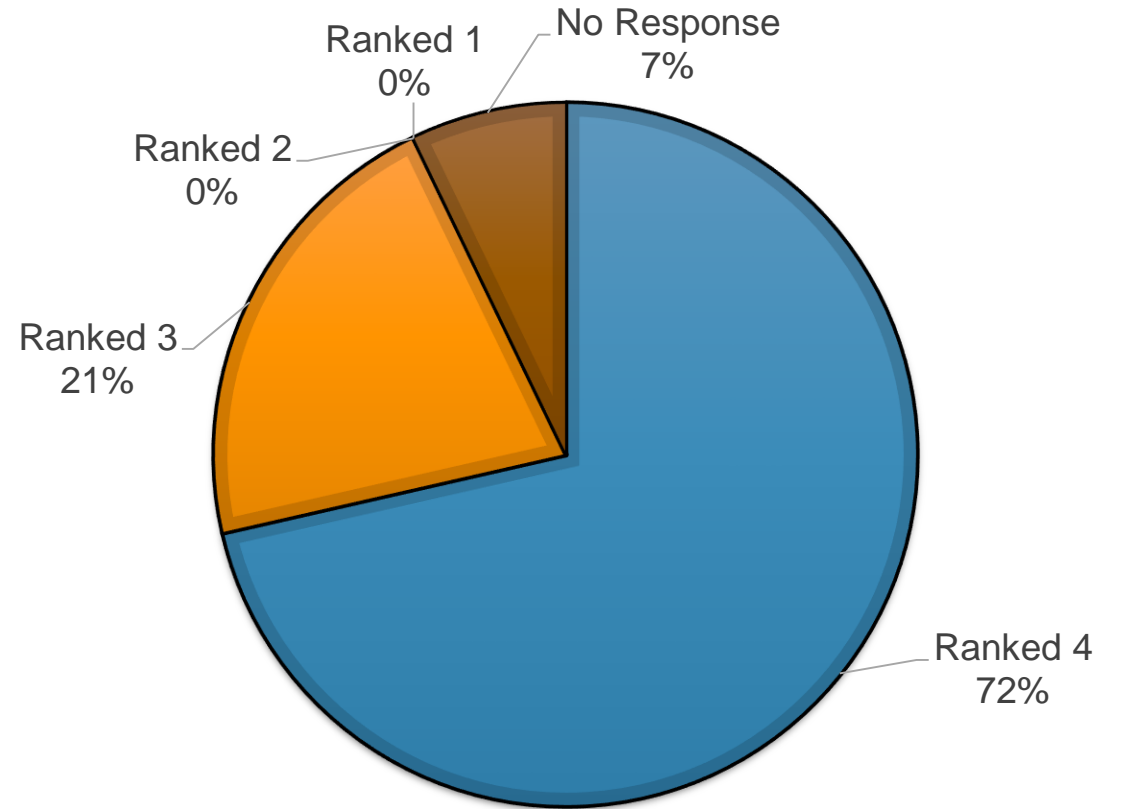


Attendees asked to score the topics on a scale from 1-4. 14 Evaluations were submitted.

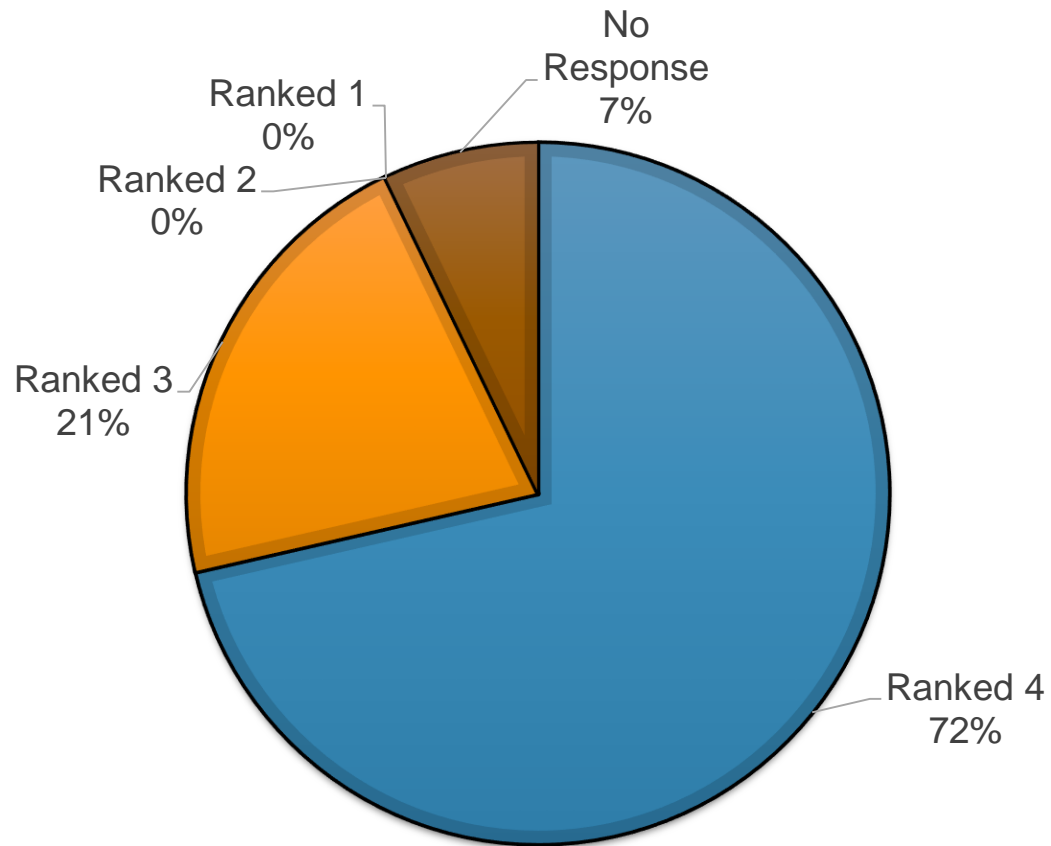
The Program was Well Placed within the Allotted Time



The Presenters were Good Communicators



The Material was Presented in an Organized Manner



What are the top 3 ROW management challenges your organization currently is experiencing?

- ROW use and regulation
- Curbside management and trees
- Inventory
- Small cells
- Active Transportation

What tools or resources could be helpful in assisting your organization with addressing ROW management challenges?

- Guidelines for utilities
- GIS
- Sample Small Cell ordinance
- Prioritization and funding

What ROW management topics are you most interested in learning more about?

- Future use needs and planning
- Roundabout

ACTION ITEMS

1. Meeting Summary.

The May 9th meeting summary is available for review.
Vote for approval.

3. Public Works Council Bylaws

Seeking PWC approval.

Draft Bylaws

Draft Bylaws Markup

3. Public Works Council Bylaws

Cost-Share Requirement Discussed with the Cost-Share Subcommittee

Draft Language for Consideration:

SECTION 2: COUNCIL MEMBERSHIP

B. Member Qualifications

- To hold a standing or subregional seat, an entity must be a cost-share member of the Regional Public Works Program for the term of their membership.

Or

- In order to vote at Public Works Council meetings, standing and subregional seats must be a cost-share member of the Regional Public Works Program for the term of their membership.

4. FY2020 Public Works Council Membership

Vote for approval.

PWC Attendance

4. FY2020 Public Works Council Membership Standing Seats

Standing Seat	Up for Reappointment	Seeking Appointment
Arlington	Mindy Carmichael , Public Works Director	<i>Keith Brooks</i> , Assistant Director of Public Works & Transportation
Dallas	Jennifer Nicewander , Senior Engineer	Jennifer Nicewander , Senior Engineer
Fort Worth	Greg Simmons , Assistant Director, Transportation and Public Works	<i>David Magana</i> , City Engineer
Grand Prairie	Stephanie Griffin , Floodplain Administrator/Stormwater Utility Manager	Stephanie Griffin , Floodplain Administrator/Stormwater Utility Manager
Lewisville	Keith Marvin , Director of Public Works	Keith Marvin , Director of Public Works
Mesquite	Christina Hickey , Infrastructure Asset Manager	Christina Hickey , Infrastructure Asset Manager
Plano	Gerald Cosgrove , Director of Public Works	Gerald Cosgrove , Director of Public Works
Richardson	Jim Lockart , Assistant Director of Engineering	<i>Shawn Poe</i> , Director of Engineering
Tarrant County	Joe Trammel , County Engineer	Joe Trammel , County Engineer

Subregion Seats

* NCTCOG has coordinated with city and is waiting confirmation.

Subregion Seat	Up for Reappointment	Seeking Appointment
DFW North	Clayton Riggs , Town of Flower Mound, Assistant Director of Public Works	Clayton Riggs , Town of Flower Mound, Assistant Director of Public Works
Northeast Dallas	Shawn Poe , City of Rowlett, Director of Public Works	<i>*Town of Sunnyvale is seeking replacement</i>
Northeast Tarrant	Kyle Hogue , City of Southlake, City Engineer/Deputy Director	Kyle Hogue , City of Southlake, City Engineer/Deputy Director
Northwest	Eric Tamayo , Town of Northlake, Public Works Director	<i>*Greg Hall, City of Decatur, Public Works Director</i>
Northwest Dallas	Mike Garza , City of Coppell, Public Works Director	Mike Garza , City of Coppell, Assistant Public Works Director
Northwest Tarrant	Doug Stevens , City of White Settlement, Public Works Director	<i>Kyle Reeves, City of White Settlement, Public Works Director</i>
South Tarrant	Bennet Howell , City of Benbrook, Director of Public Works	<i>Larry Hoover, Town of Kennedale, Director of Public Works</i>
Southeast	Robert Bolen , City of Ennis, Public Works Director	<i>Ed Green, City of Ennis, Public Works Project Manager</i>
Southeast Dallas	Andrew Waits , City of Lancaster, Water and Wastewater Superintendent	<i>*City of Seagoville is seeking replacement</i>

4. FY2020 Public Works Council Membership Private Sector Seats

Private Sector Seats	Up for Reappointment	Seeking Appointment
Associate General Contractors	Paul Causey , AGC, North Texas Area Manager	Paul Causey , AGC, North Texas Area Manager
Associate General Contractors	Eric Johnson , Austin Bridge & Road, General Plant Manger	<i>AGC is seeking replacement</i>
Council of Engineering Companies	Chris Cha , Pacheco Koch, Associate Principal	Chris Cha , Pacheco Koch, Associate Principal
Council of Engineering Companies	David Speicher , Wade Trim, Vice President	John Ho , Huitt-Zollars, Vice President

5. FY2020 Public Works Council Officer Election

Nominate and vote for approval of Chair and Vice-Chair position.

6. Regional Public Works Program FY2020 Work Program

Vote for approval.

[FY2020 Work Program](#)

DISCUSSION ITEMS



Workforce Needs, Retention, & Recruitment

Public Works Council, August 15, 2019



QUALIFIED CANDIDATES. BETTER JOBS. NO CHARGE.

A proud partner of the [AmericanJobCenter](#)® network

Workforce Solutions for North Central Texas is an equal opportunity employer/program. Auxiliary aids and services are available upon request to individuals with disabilities. For the hearing impaired, call TDD 1-800-735-2989 or VOICE 1-800-735-2988. Workforce Solutions for North Central Texas services are provided based on eligibility.

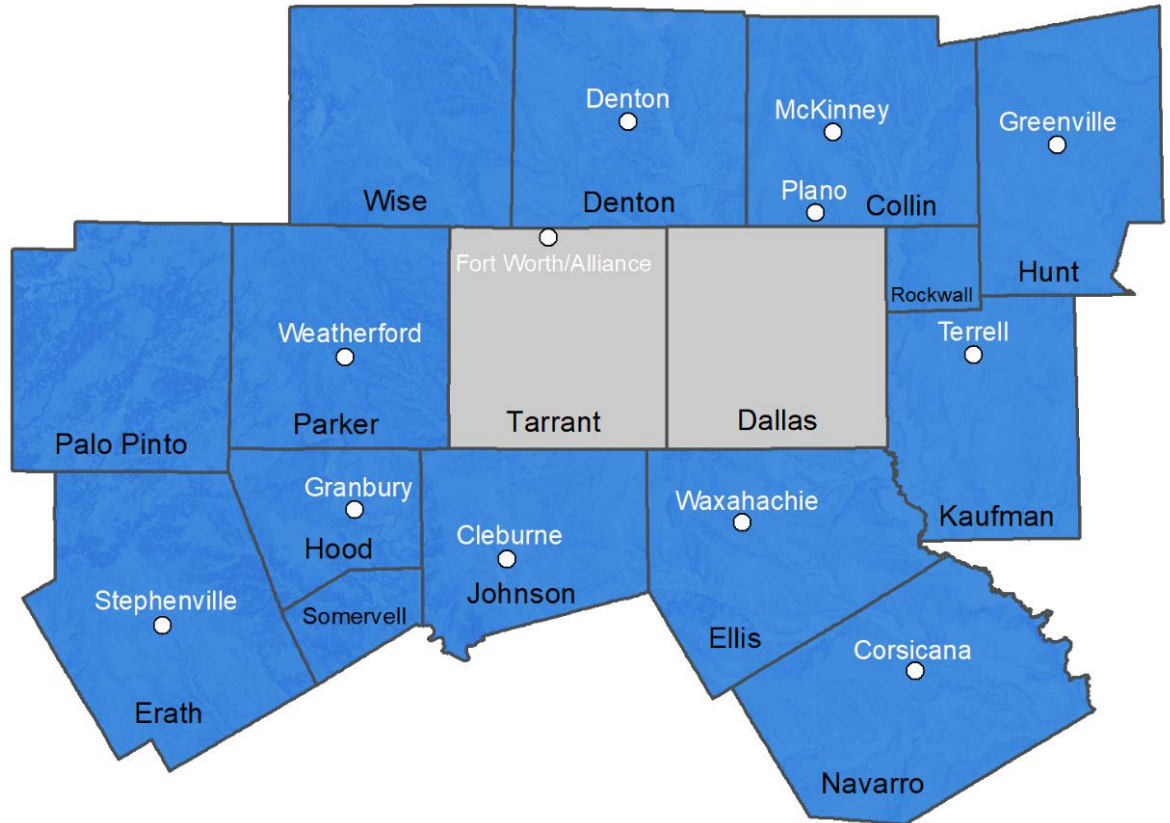
Workforce Solutions For North Central Texas

- **We Serve 14 Counties**

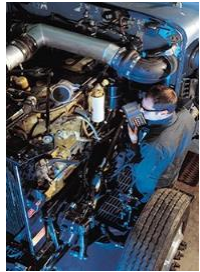
The North Central Texas Workforce Development Area covers more than 10,986 square miles and includes the 14 counties of:

- | | |
|-----------|--------------|
| — Collin | — Kaufman |
| — Denton | — Navarro |
| — Ellis | — Palo Pinto |
| — Erath | — Parker |
| — Hood | — Rockwall |
| — Hunt | — Somervell |
| — Johnson | — Wise |

- **We oversee programs to assure that the businesses in our 14-county North Central Texas Workforce Development area remain competitive and grow jobs, so workers have opportunities to obtain skills that will help them become or remain self-sufficient to ensure our communities are economically resilient.**



Occupational Needs in Public Works



Bus and Truck Mechanics and Diesel Engine Specialists

Top Technical Skills:

Mechanics – Diesel Engines - Brakes



Construction and Building Inspectors

Top Technical Skills:

Building Codes – Construction Management – Building Inspections



Highway Maintenance Workers

Top Technical Skills:

Highway Maintenance – Traffic Control – Heavy Equipment



Maintenance Workers, Machinery

Top Technical Skills:

Preventive Maintenance – Personal Protective Equipment - OSHA



Traffic Technicians

Top Technical Skills:

Traffic Control – Warning Signs – Traffic Engineering

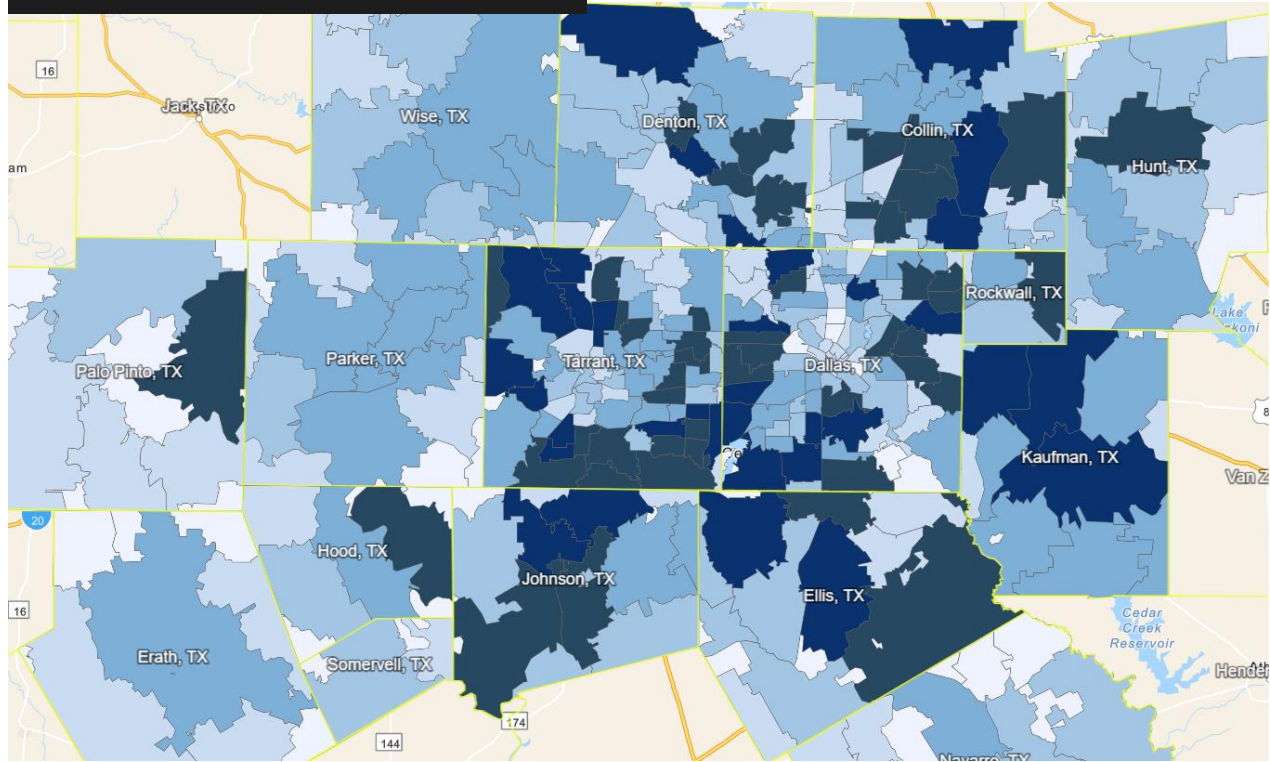


Water and Wastewater Treatment Plant and System Operators

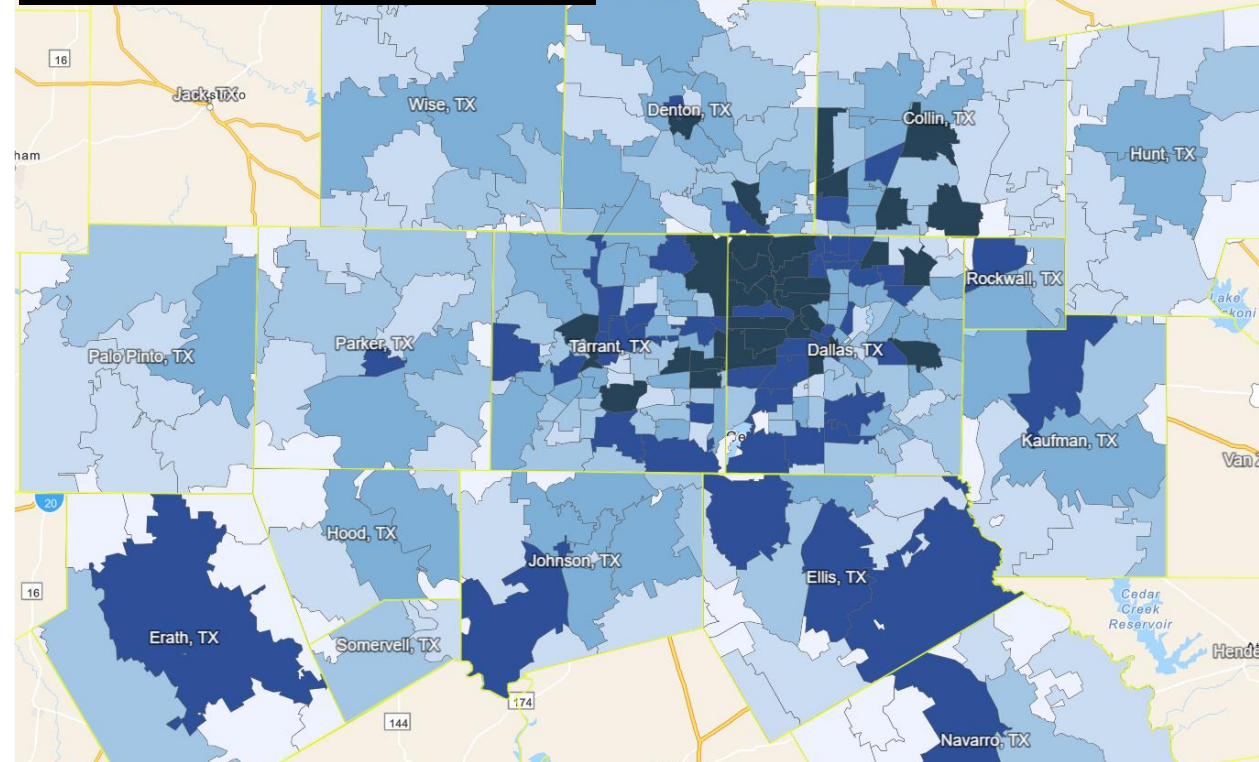
Top Technical Skills:

Wastewater – Pumps – Sewage Treatments

Where Talent Lives



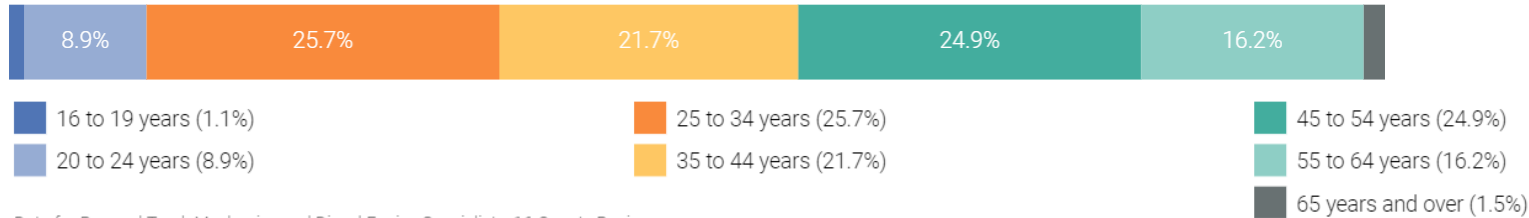
Where Talent Works



Workforce Demographics

Bus and Truck Mechanics and Diesel Engine Specialists

Age:



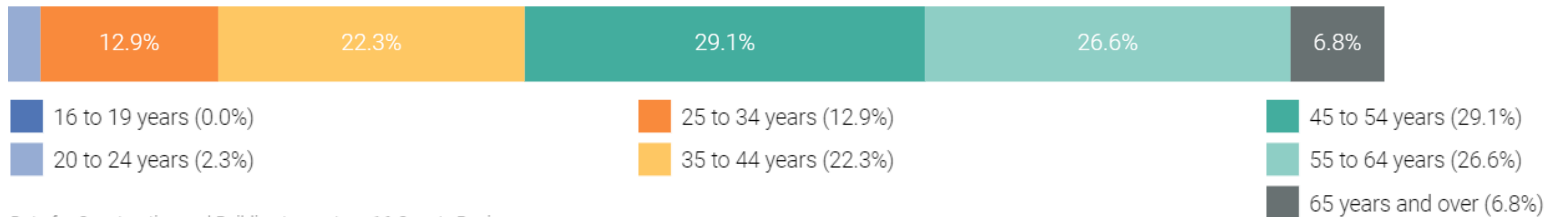
Data for Bus and Truck Mechanics and Diesel Engine Specialists, 16-County Region
Source: JobsEQ®. Data as of 2019Q1.

Total
Employment
7,892

Unemployment
Rate
1.2%

Construction and Building Inspectors

Age:



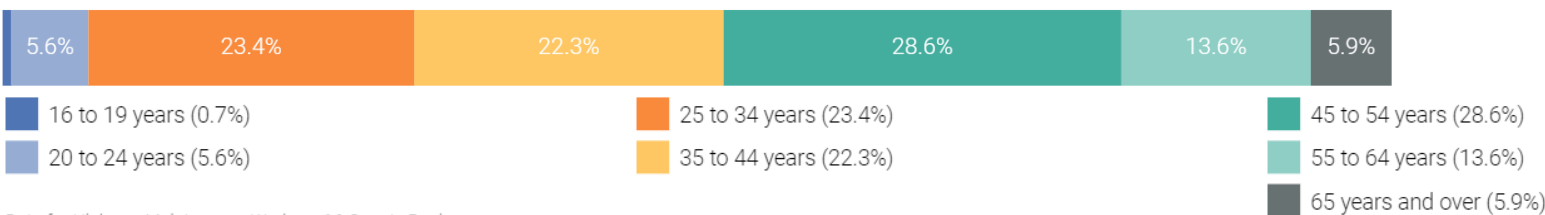
Data for Construction and Building Inspectors, 16-County Region
Source: JobsEQ®. Data as of 2019Q1.

Total
Employment
2,579

Unemployment
Rate
1.6%

Highway Maintenance Workers

Age:



Data for Highway Maintenance Workers, 16-County Region
Source: JobsEQ®. Data as of 2019Q1.

Total
Employment
1,402

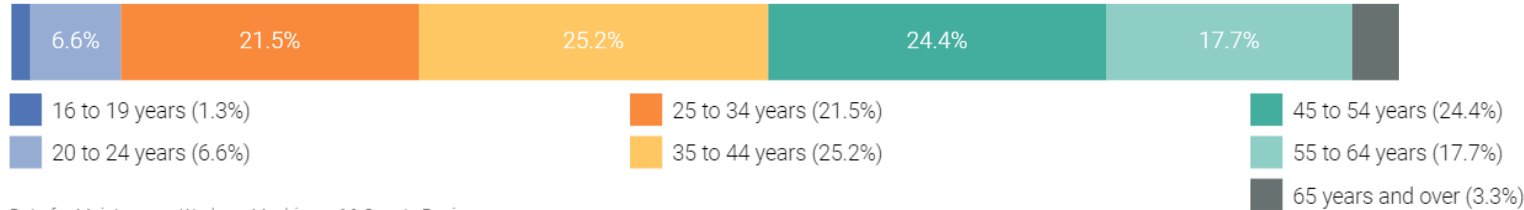
Unemployment
Rate
3.7%

Source: JobsEQ, 16-County

Workforce Demographics (Cont.)

Maintenance Workers, Machinery

Age:



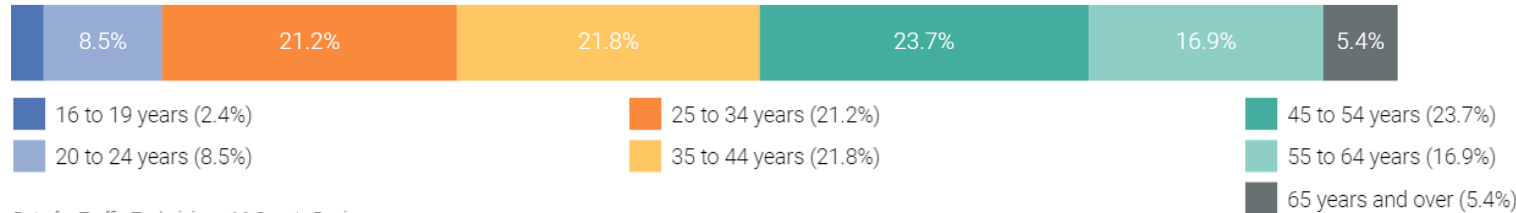
Data for Maintenance Workers, Machinery, 16-County Region
Source: JobsEQ®. Data as of 2019Q1.

Total
Employment
1,806

Unemployment
Rate
2.4%

Traffic Technicians

Age:



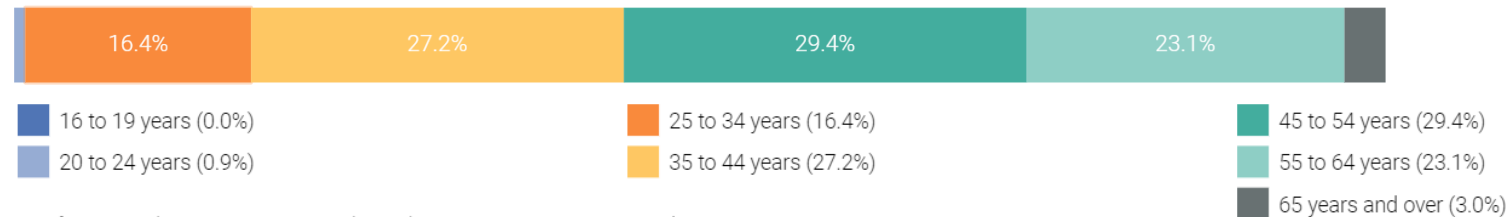
Data for Traffic Technicians, 16-County Region
Source: JobsEQ®. Data as of 2019Q1.

Total
Employment
107

Unemployment
Rate
2.6%

Water and Wastewater Treatment Plant and System Operators

Age:



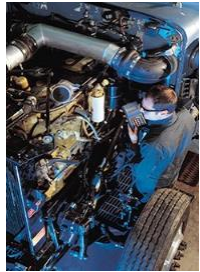
Data for Water and Wastewater Treatment Plant and System Operators, 16-County Region
Source: JobsEQ®. Data as of 2019Q1.

Total
Employment
3,049

Unemployment
Rate
0.5%

Source: JobsEQ, 16-County

Hourly Wages



Bus and Truck Mechanics and Diesel Engine Specialists

Entry	Median	Experienced
\$17.35	\$24.05	\$40.36



Construction and Building

Entry	Median	Experienced
\$17.87	\$26.63	\$44.38



Highway Maintenance Workers

Entry	Median	Experienced
\$12.55	\$13.64	\$23.54



Maintenance Workers, Machinery

Entry	Median	Experienced
\$14.98	\$21.75	\$30.57



Traffic Technicians

Entry	Median	Experienced
\$17.72	\$19.58	\$30.71



Water and Wastewater Treatment Plant and System Operators

Entry	Median	Experienced
\$14.28	\$19.56	\$28.45

Hourly Wages



Bus and Truck Mechanics and Diesel Engine Specialists

Entry	Median	Experienced
\$17.35	\$24.05	\$40.36



Construction and Building

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Water and Wastewater Treatment Plant and System Operators

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Living Wage

Hourly rate an individual must earn to support a household

2 Working Adults w/ 2 Children

\$15.25
Collin County

\$15.07
Dallas County

The Graduate Pipeline



2 Programs

8 programs can train for this job, while only 2 programs have produced completers in this region.



363 Completions (2017)



The completions from all regional institutions for all degree types.






5,662 Openings (2017)

The average number of openings for an occupation in the region is 644.



Top Programs	Completions (2017)
Diesel Mechanics Technol...	182 
Medium/Heavy Vehicle an...	181 

Top Schools	Completions (2017)
Lincoln College of Technol...	181 
Universal Technical Institu...	162 
Cedar Valley College	20 
Eastfield College	0

Funding Streams

- **Collin County Community College in Denton County** was awarded \$158,664 from the Texas Connection Grants for Innovative Workforce Skills Training Programs for the Water Works Initiative
- Program addresses the shortage of talent in the water and wastewater treatment industry and will serve credit and continuing education students in Denton, Rockwall, Hunt, and Kaufman counties by providing training and internship opportunities in water distribution, water treatment, wastewater collection, and wastewater treatment.



Recruitment

Job Posting Sample



Highway Maintenance Worker

Link to Live Job Posting: Posting is no longer active

Location: Arlington, TX

O*NET: 47-4051.00

Company: Highway Maintenance Inc

Job Title: Construction Workers

Job Details Highway Maintenance Worker Company name Highway Maintenance Location Arlington, TX, United States Employment Type Part-Time Industry Bluecollar Posted on May 02,2019 Valid Through Aug 15,2019 Apply for this job your email: upload resume: Profile Education High School Diploma or GED Job Description Well established company looking for folks interested in keeping the roadways of the DFW area clean. Work consists of picking up litter along specific sections of DFW roadways. The work consists of walking and picking up litter using a grappler device along the shoulder area of the highways. Full Safety Equipment and Full Training is provided. The requirements for this position are: Have reliable transportation Be able to meet at the assigned location by 5:30 am Be able to walk up to 8-10 miles per day in a relatively quick pace. Have all necessary paperwork to legally work in United States. Be willing to work along the shoulder of the highway. Variable hours/part time Include Resume and please reply with phone number and email address. Pay is \$10.00 an hour

Job Types:

Part time, temporary

Job Types:

Part-time, Temporary Salary:

\$10.00 /hour

Experience:

general labor: 1 year (Preferred)

Stay in Contact!



Daniela Ramirez

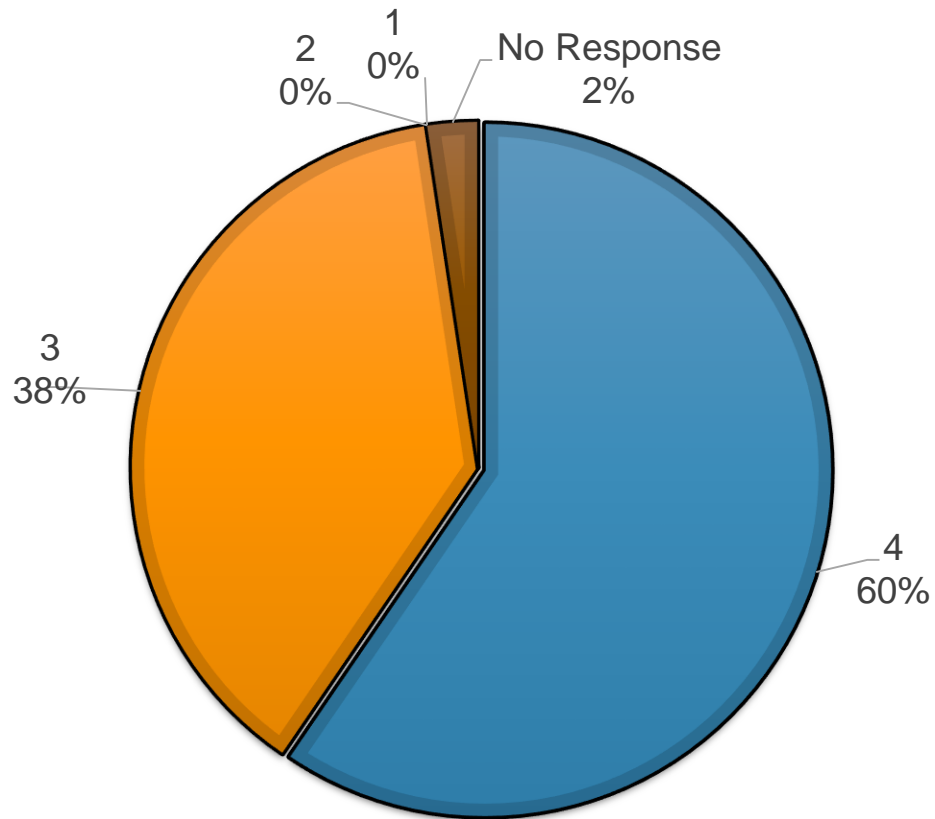
Research Analyst & Planner

dramirez@dfwjobs.com

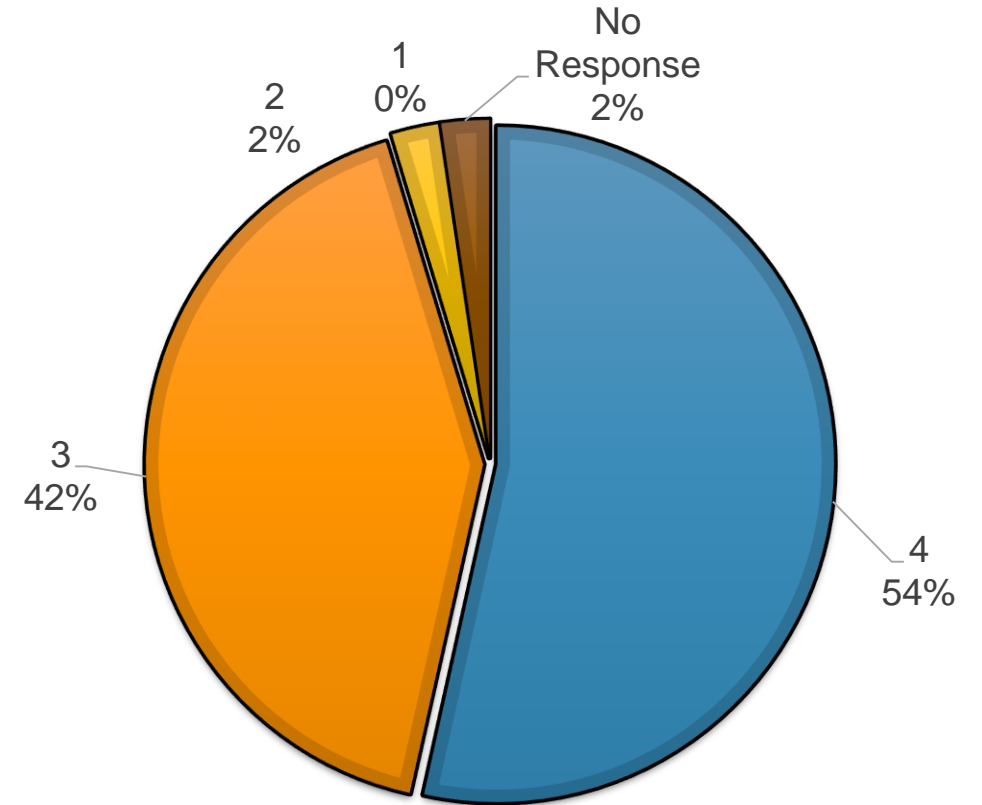
INFORMATION ITEMS

8. 20TH Annual Public Works Roundup

Overall Impression of this Program



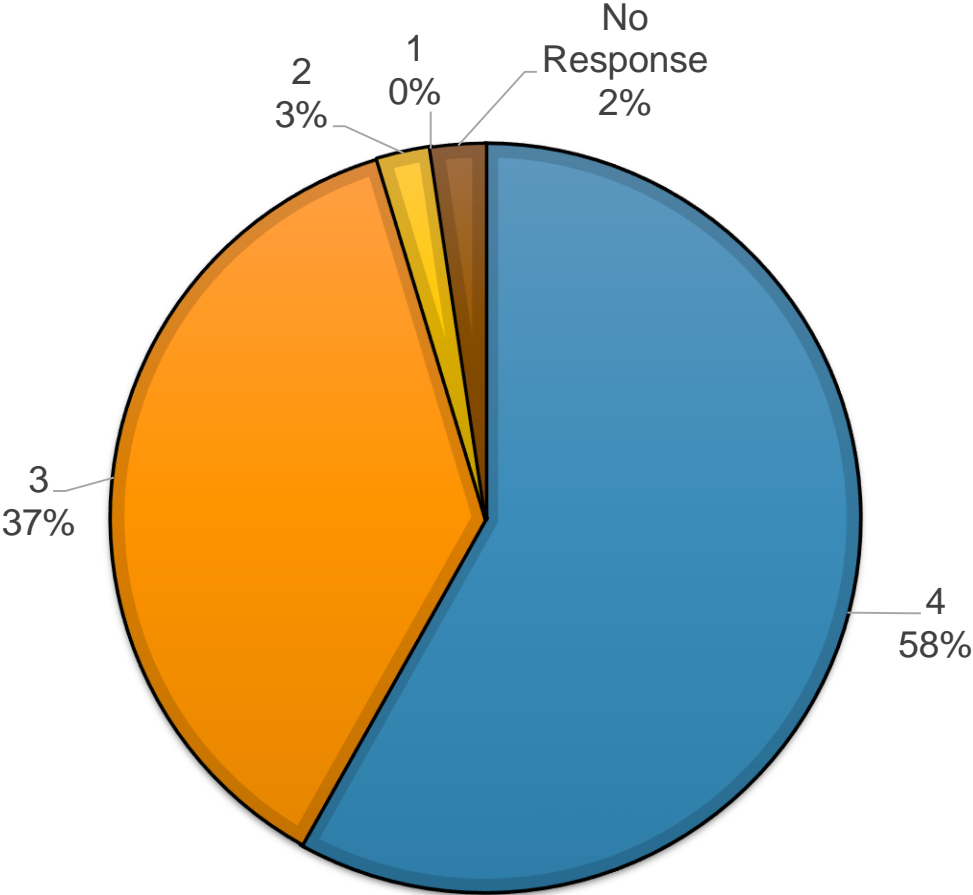
Usefulness of Content



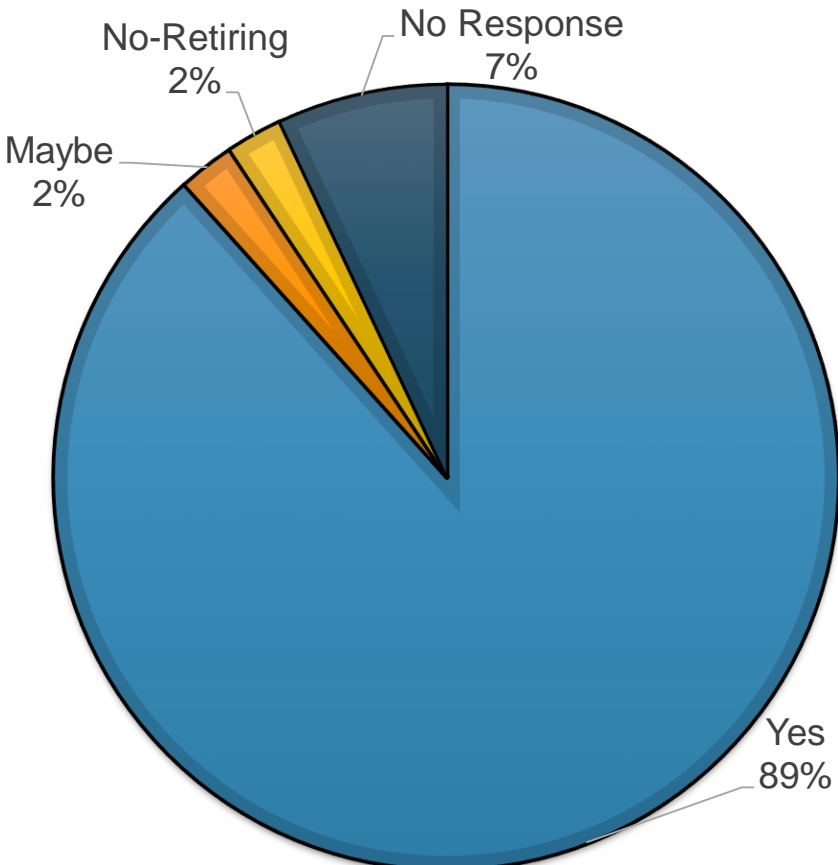
Attendees asked to score the topics on a scale from 1-4. 41 Evaluations were submitted.

8. 20TH Annual Public Works Roundup

My Needs on the Subject were Addressed



Would you Attend this Event Again in the Future



8. 20TH Annual Public Works Roundup

The most useful part of the roundup was:

- SUE
- Risk Assessment
- Leadership
- Richardson Presentation

I would Change or add:

- Longer presentation time
- More screens or handouts

What other topics would you like to see at future events:

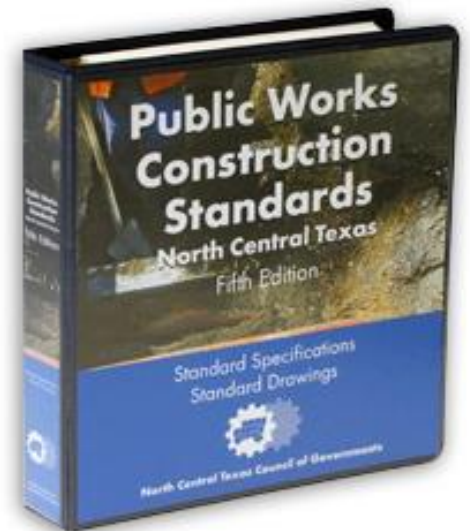
- Funding
- GIS

9. FY 2019 Public Works Work Program Update

Standard Drawings Subcommittee

Presented by Keith Marvin

- Subcommittee has completed review of Division 1000: Erosion and Sediment Control
- Incorporated drawing updates by the iSWM Subcommittee
- Subcommittee has been reviewing the drawings from *Division 6000: Storm Water Drainage*.
- Representatives attended the June 13 Inspector Roundtable to solicit feedback on Division 6000.
- Next Meeting
August 19, 2019 at 10 am
Cross Timbers Room, CPIII, 3rd Floor



Cost-Share Subcommittee

- First meeting was August 7th
- Reviewing historical data on participation

Integrated Stormwater Management (iSWM)

Presented by Ranjan Muttiah



New Resources:

Guidance Document: Proprietary Devices and Community Inventory Maps

- Final documents are posted on the iSWM website

Task Order 3 Activities – Technical Meetings

- Technical Assistance Meeting (3 meetings)
- iSWM Designation Workshops (3 meetings)
- Reorganization/Re-evaluation Site Development Controls (3 meetings)

Next meeting: **October 9, 2019 at 1:30 pm Location TBD**

10. Other Program Activities

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

- **FY16 Projects**

- Flood Resilience Meetings scheduled with Tarrant County and Cleburne. Projects will be complete in September.
- Discovery Meeting held March 1st for the East Fork Watershed. A Discovery Findings Webinar was held July 30th. Data will be submitted to FEMA in September.

- **FY17 Projects**

- Flood Risk ID projects in Weatherford and Benbrook are ongoing. Flood Risk Review meetings will be held in the fall.
- Pre-Discovery Meeting was held June 26th in Waxahachie for the Richland-Chambers watersheds. The Discovery Meeting will be held in the fall.

- **FY18 Projects**

- Flood Risk ID on Marys Creek in Parker County is ongoing. Field survey begins this month.

- **FY19 Projects**

- NCTCOG has submitted applications for funding for flood risk ID projects on Waxahachie Creek and Harriet Creek. Currently awaiting award letters.

10. Other Program Activities

- **Community Rating System Users Group**
 - A meeting for fall is TBD. Attendees will receive a certificate for proof of two (2) CECs for their CFM License.
 - Please contact Mia Brown (mbbrown@nctcog.org or (817) 695-9227) with questions about these meetings.

10. Other Program Activities

Public Works Emergency Response Team (PWERT) Update

Contact Information:

Manny Palacios
Chair

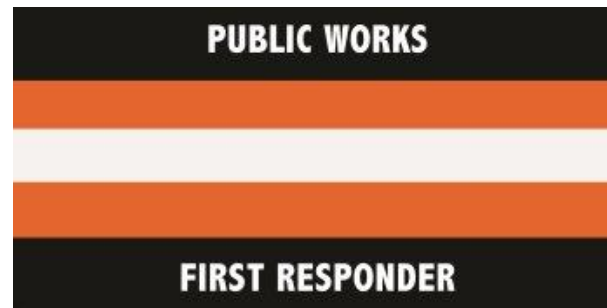
mpalacios@weatherfordtx.gov

Mistie Gardner
Vice Chair

mistie.gardner@cor.gov

Jessica Mason
NCTCOG Rep

JMason@nctcog.org



10. Other Program Activities



North Central Texas Branch American Public Works Association

- August 2019 Membership Meeting and Luncheon 08.20.19 11:30am
- Social Event-Texas Rangers Game 09.25.19
- 22nd Annual Branch Golf Tournament 10.07.19
- Branch One Day Education Seminar 11.14.19

10. Other Program Activities

FY 2020 Public Works – Cost Share

- Public Works Council approved FY2020 Cost Shares at February meeting.
- FY2020 Cost Shares have been posted to <https://www.nctcog.org/envir/public-works/cost-share>
- We have \$93,888.00 out of our \$360,000.00 budget (26%)

OTHER BUSINESS AND ROUNDTABLE DISCUSSION

11. Future Agenda Items

12. Roundtable Topics/Other Business

NOW, IT'S YOUR TURN...

13. Next Public Works Council Meeting

The next PWC meeting is scheduled for:

Thursday, November 14, 2019
9:30 a.m. – 11 a.m.

Public Works Staff

EDITH MARVIN, PE, CFM

◆-----◆
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