

RECEIVED

TRANSPORTATION & TRINITY RIVER PROJECT COMMITTEE  
DALLAS CITY COUNCIL COMMITTEE AGENDA

2016 AUG -5 AM 9:04

CITY SECRETARY  
DALLAS, TEXAS

MONDAY, AUGUST 8, 2016  
CITY HALL  
COUNCIL BRIEFING ROOM, 6ES  
1500 MARILLA  
DALLAS, TEXAS 75201  
1:00 P.M. – 2:30 P.M.

**Chair**, Councilmember Lee M. Kleinman  
**Vice-Chair**, Deputy Mayor Pro Tem Erik Wilson  
Councilmember Sandy Greyson  
Mayor Pro Tem Monica R. Alonzo  
Councilmember Adam Medrano  
Councilmember Casey Thomas, II

Call to Order

1. Approval of Minutes

**BRIEFINGS**

2. integrated Stormwater Management (iSWM)

Edith Marvin, P.E., Director of  
Environment and Development, North  
Central Texas Council of Governments  
Susan Alvarez, P.E., Assistant Director,  
Trinity Watershed Management

3. Dallas Floodway Risk Assessment Addendum

Brian Kamisato, P.E., PMP, Deputy  
District Engineer for Programs and  
Project Management, U.S. Army  
Corps of Engineers Fort Worth District  
Nate Snorteland, P.E., Director, U.S.  
Army Corps of Engineers, Risk  
Management  
Sarah Standifer, Director, Trinity  
Watershed Management

4. Dallas to Houston High Speed Rail Project  
(Briefing Memo)

Peer Chacko, Chief Planning Officer and  
Director, Planning and Urban Design

**QUARTERLY REPORTS** (For Informational Purposes only)

5. Trinity River Corridor Bond Program Expenditure Report
6. Major Street Project Detailed Expenditure Report
7. Department of Aviation Activity Report

## 8. UPCOMING AGENDA ITEMS

### August 10, 2016

- A. Agenda Item #35: Authorize a professional services contract with HNTB Corporation, most advantageous proposer of three, to provide engineering services for the Runway 31R Glideslope Relocation Project at Dallas Love Field - Not to exceed \$632,602 (PBW)
- B. Agenda Item #36: Authorize (1) street paving, storm drainage, water and wastewater main improvements for Street Group 12-458; provide for partial payment of construction cost by assessment of abutting property owners; an estimate of the cost of the improvements to be prepared as required by law (list attached); and (2) a benefit assessment hearing to be held on September 28, 2016, to receive comments (PBW)
- C. Agenda Item #37: Authorize a Funding Agreement with Dallas County for the preliminary Engineering Feasibility Study of the bicycle route and options along Haskell Avenue/Military Parkway from Parry Avenue to Lawnview Avenue and between Hall Street and Parry Avenue, and address potential unforeseen site improvements, as needed (PBW)
- D. Agenda Item #38: Authorize a Local Transportation Project Advance Funding Agreement with the Texas Department of Transportation for the design review of Rosemont Safe Routes to School Project – Not to exceed \$2,609 (PBW)
- E. Agenda Item #'s 39, 40: **Keller Springs Road**
  - \* Authorize (1) an increase in the Project Specific Agreement with Dallas County for the design and construction of paving and drainage improvements for the Keller Springs Road at Westgrove Drive roundabout in the amount of \$204,204, from \$342,043 to \$546,247; (2) the receipt and deposit of funds from Dallas County in the amount of \$179,204; and (3) an increase in appropriations in the amount of \$179,204 in the Capital Projects Reimbursement Fund – Not to exceed \$204,204 (PBW)
  - \* Authorize an amendment to Resolution No. 15-1163, previously approved on June 17, 2015, to revise the source of funds for the contract to construct paving and drainage improvements for the Keller Springs Road at Westgrove Drive roundabout (PBW)
- F. Agenda Item #47: Authorize an application for a grant, requiring matching funds, through the Federal Emergency Management Agency for FY 2016-17 for the Cooperating Technical Partners program, to provide a cost share for updating certain flood studies in the City of Dallas (TWM)
- G. Agenda Item #48: Ratify emergency repairs to a steel pressure plate in the New Hampton Stormwater Pump Station with Bar Constructors, Inc., lowest responsive bidder of three - Not to exceed \$77,648 (TWM)
- H. Agenda Item #49: Authorize a contract for the installation and rehabilitation of water and wastewater mains at 38 locations (list attached) - Ark Contracting Services, LLC, lowest responsible bidder of five - Not to exceed \$10,443,584 (DWU)
- I. Agenda Item #50: Authorize an increase in the contract with AUI Contractors, LLC for additional work associated with the East Side Water Treatment Plant filter to waste and electrical improvements project - Not to exceed \$136,430, from \$21,970,756 to \$22,107,186 (DWU)
- J. Agenda Item #51: Authorize Supplemental Agreement No. 1 to the engineering services contract with Freese and Nichols, Inc. for additional engineering services associated with the replacement of the Plano Road elevated water storage tank and rehabilitation of the Abrams Road ground storage reservoir and pump station facility - Not to exceed \$1,286,023, from \$490,000 to \$1,776,023 (DWU)
- K. Agenda Item #83: A public hearing to receive comments regarding the application for and approval of the fill permit and removal of the floodplain (FP) prefix from approximately 8.08 acres of the current 10.90 acres of land in the floodplain, located at 1840 Ryan Road, of which the within the floodplain of Elm Fork of the Trinity River, Fill Permit 15-07 (TWM)
- L. Agenda Item #84: A public hearing to receive comments regarding the application for and approval of the fill permit and removal of the floodplain (FP) prefix from approximately 0.0988 acres of the current 0.1326 acres of land located at northwest corner of IH-35 and Northwest Highway, within the floodplain of Elm Fork of the Trinity River, Fill Permit 16-03 (TWM)
- M. Agenda Item #85: A public hearing to receive comments to amend the City of Dallas Thoroughfare Plan to change the dimensional classification of Gus Thomasson Road from Easton Road to Mesquite City Limits from an existing (EXISTING) roadway designation to a special four-lane divided (SPCL 4D) roadway within 80 to 85 feet of right-of-way; and at the close of the hearing, authorize an ordinance implementing the change (PNV)

Adjourn



Lee M. Kleinman, Chair  
Transportation and Trinity River Project Committee

A closed executive session may be held if the discussion of any of the above agenda items concerns one of the following:

1. Contemplated or pending litigation, or matters where legal advice is requested of the City Attorney. Section 551.071 of the Texas Open Meetings Act.
2. The purchase, exchange, lease or value of real property, if the deliberation in an open meeting would have a detrimental effect on the position of the City in negotiations with a third person. Section 551.072 of the Texas Open Meetings Act.
3. A contract for a prospective gift or donation to the City, if the deliberation in an open meeting would have a detrimental effect on the position of the City in negotiations with a third person. Section 551.073 of the Texas Open Meetings Act.
4. Personnel matters involving the appointment, employment, evaluation, reassignment, duties, discipline or dismissal of a public officer or employee or to hear a complaint against an officer or employee. Section 551.074 of the Texas Open Meetings Act.
5. The deployment, or specific occasions for implementation of security personnel or devices. Section 551.076 of the Texas Open Meetings Act.
6. Deliberations regarding economic development negotiations. Section 551.087 of the Texas Open Meetings Act.

"Pursuant to Section 30.06, Penal Code (trespass by license holder with a concealed handgun), a person licensed under Subchapter H, Chapter 411, Government Code (handgun licensing law), may not enter this property with a concealed handgun."

*"De acuerdo con la sección 30.06 del código penal (ingreso sin autorización de un titular de una licencia con una pistola oculta), una persona con licencia según el subcapítulo h, capítulo 411, código del gobierno (ley sobre licencias para portar pistolas), no puede ingresar a esta propiedad con una pistola oculta."*

"Pursuant to Section 30.07, Penal Code (trespass by license holder with an openly carried handgun), a person licensed under Subchapter H, Chapter 411, Government Code (handgun licensing law), may not enter this property with a handgun that is carried openly."

*"De acuerdo con la sección 30.07 del código penal (ingreso sin autorización de un titular de una licencia con una pistola a la vista), una persona con licencia según el subcapítulo h, capítulo 411, código del gobierno (ley sobre licencias para portar pistolas), no puede ingresar a esta propiedad con una pistola a la vista."*

# Transportation & Trinity River Project Committee Meeting Record

The Transportation & Trinity River Project Committee meetings are recorded. Agenda materials are available online at [www.dallascityhall.com](http://www.dallascityhall.com). Recordings may be reviewed/copied by contacting the Transportation & Trinity River Project Committee Coordinator at 214-671-9502.

**Meeting Date:** June 27, 2016

**Convened:** 1:06 p.m.

**Adjourned:** 2:45 p.m.

**Committee Members Present:**

Lee M. Kleinman, Chair  
Deputy Mayor Pro Tem Erik Wilson, Vice Chair  
Mayor Pro Tem Monica R. Alonzo  
Sandy Greyson  
Casey Thomas II

**Committee Members Absent:**

Adam Medrano

**Other Council Members present:**

Philip Kingston  
Scott Griggs  
Carolyn Arnold

**Presenters:**

Cheryl Alston, Executive Director  
Employees' Retirement Fund  
Lewis Ward, Actuarial Consultant  
Gabriel, Roeder, Smith & Company  
Jake Ireland, Director  
Office of Financial Services  
Peer Chacko, Chief Planning Officer/Director  
Planning & Urban Design

Brent Brown, Consultant Design Director  
City of Dallas  
Tim Keith, CEO  
Texas Central Railway  
Brady Redwine  
Texas Central Railway  
Holly Reed  
Texas Central Railway

**City Staff Present:**

Robert L. Sims  
Tammy Palomino  
Art Hudman  
Edward Scott  
Alan E. Sims  
Carla D. Brown  
Susan Alvarez  
Sarah Standifer  
Jill Jordan  
Rick Galceran  
Ayeh Powers

Tanya Brooks  
Chhunny Chhean  
Donna Lowe  
Dennis Ware  
Stephanie McHenry  
Brittany Burrell  
Daisy Fast  
Jody Puckett  
Errick Thompson  
Theresa O'Donnell

**AGENDA:**

**Call to Order**

**1. Approval of the June 13, 2016 Meeting Minutes**

**Presenter(s):** Lee M. Kleinman, Chair

**Action Taken/Committee Recommendation(s):** A motion was made to approve the minutes for the June 13, 2016 Transportation and Trinity River Project Committee Meeting.

Motion made by: Councilmember Thomas  
Item passed unanimously: X  
Item failed unanimously:

Motion seconded by: Mayor Pro Tem Alonzo  
Item passed on a divided vote:  
Item failed on a divided vote:

Transportation & Trinity River Project Committee  
Meeting Record – June 27, 2016

**2. Employee Retirement Fund: Proposed Changes to Chapter 40A**

**Presenter(s):** Cheryl Alston, Executive Director, Employees' Retirement Fund and Lewis Ward, Actuarial Consultant, Gabriel, Roeder, Smith & Company

**Action Taken/Committee Recommendation(s):** Information Only

Motion made by:  
Item passed unanimously:  
Item failed unanimously:

Motion seconded by:  
Item passed on a divided vote:  
Item failed on a divided vote:

**3. FY 16 Sunset Review: Potential Opportunities**

**Presenter(s):** Jack Ireland, Director, Office of Financial Services

**Action Taken/Committee Recommendation(s):** Information Only

Motion made by:  
Item passed unanimously:  
Item failed unanimously:

Motion seconded by:  
Item passed on a divided vote:  
Item failed on a divided vote:

**4. Dallas to Houston High Speed Rail Project**

**Presenter(s):** Peer Chacko, Chief Planning Officer/Director, Planning & Urban Design Department, Brent Brown, Consultant Design Director, City of Dallas, Tim Keith, CEO, Texas Central Railway, Brady Redwine, Texas Central Railway, Holly Reed, Texas Central Railway

**Action Taken/Committee Recommendation(s):** Information Only

Motion made by:  
Item passed unanimously:  
Item failed unanimously:

Motion seconded by:  
Item passed on a divided vote:  
Item failed on a divided vote:

Adjourn (2:45 p.m.)

**APPROVED BY:**

**ATTEST:**

\_\_\_\_\_  
**Lee M. Kleinman, Chair**  
Transportation & Trinity River Project Committee

\_\_\_\_\_  
**Natalie Wilson, Coordinator**  
Transportation & Trinity River Project Committee

# Memorandum



CITY OF DALLAS

DATE August 5, 2016

TO The Honorable Members of the Transportation and Trinity River Project Committee:  
Lee M. Kleinman (Chair), Deputy Mayor Pro Tem Erik Wilson (Vice-Chair), Sandy Greyson,  
Mayor Pro Tem Monica R. Alonzo, Adam Medrano, and Casey Thomas II

SUBJECT integrated Stormwater Management (iSWM)

On Monday, August 8, 2016, you will be briefed on integrated Stormwater Management (iSWM). Attached are the materials for the briefing. Thank you

Please let me know if you have any questions or concerns.

A handwritten signature in black ink, appearing to read 'Mark McDaniel'.

Mark McDaniel  
Assistant City Manager

C: Honorable Mayor and Members of the City Council  
A.C. Gonzalez, City Manager  
Christopher D. Bowers, Interim City Attorney  
Craig D. Kinton, City Auditor  
Rosa A. Rios, City Secretary  
Daniel F. Solis, Administrative Judge  
Ryan S. Evans, First Assistant City Manager

Eric D. Campbell, Assistant City Manager  
Jill A. Jordan, P.E., Assistant City Manager  
Joey Zapata, Assistant City Manager  
Jeanne Chipperfield, Chief Financial Officer  
Sana Syed, Public Information Officer  
Elsa Cantu, Assistant to the City Manager – Mayor & Council

# integrated Stormwater Management (iSWM)

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## Transportation and Trinity River Project Committee

August 8, 2016



# Purpose

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- Provide an update on regional and Dallas sustainable drainage design efforts
  - NCTCOG Regional Programs
  - iSWM™
  - Sustainable Design Initiative
  - Stormwater Fee



# What is NCTCOG?

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**Voluntary association of, by, and for local governments, to help them:**

- Plan for common needs
- Strengthen their individual and collective power
- Recognize regional opportunities
- Resolve regional problems
- Make joint decisions/cooperate for mutual benefit

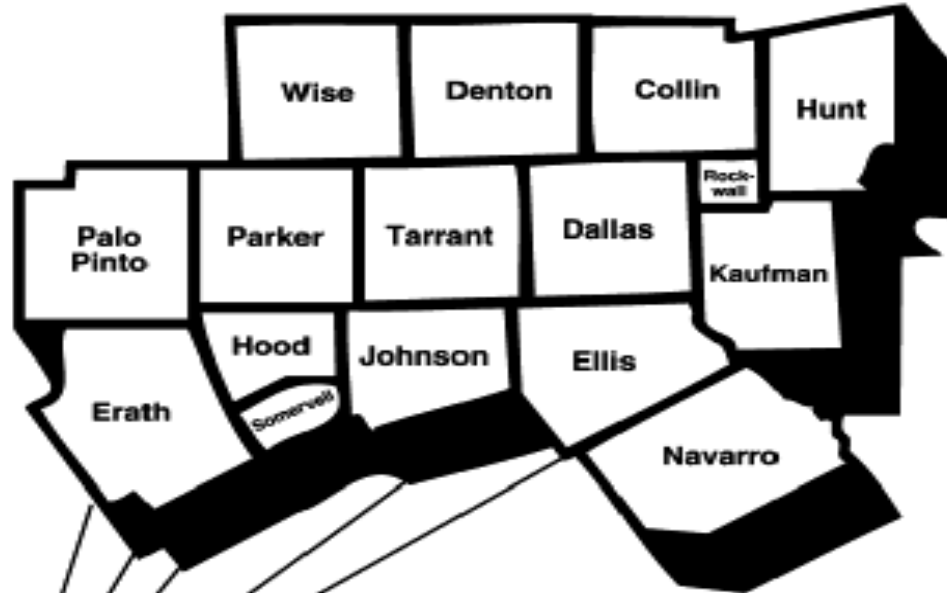
# What Area of the State Does NCTCOG Cover?

**16 Counties**

**169 Cities**

**53 School &  
Special  
Districts**

**North Central  
Texas**



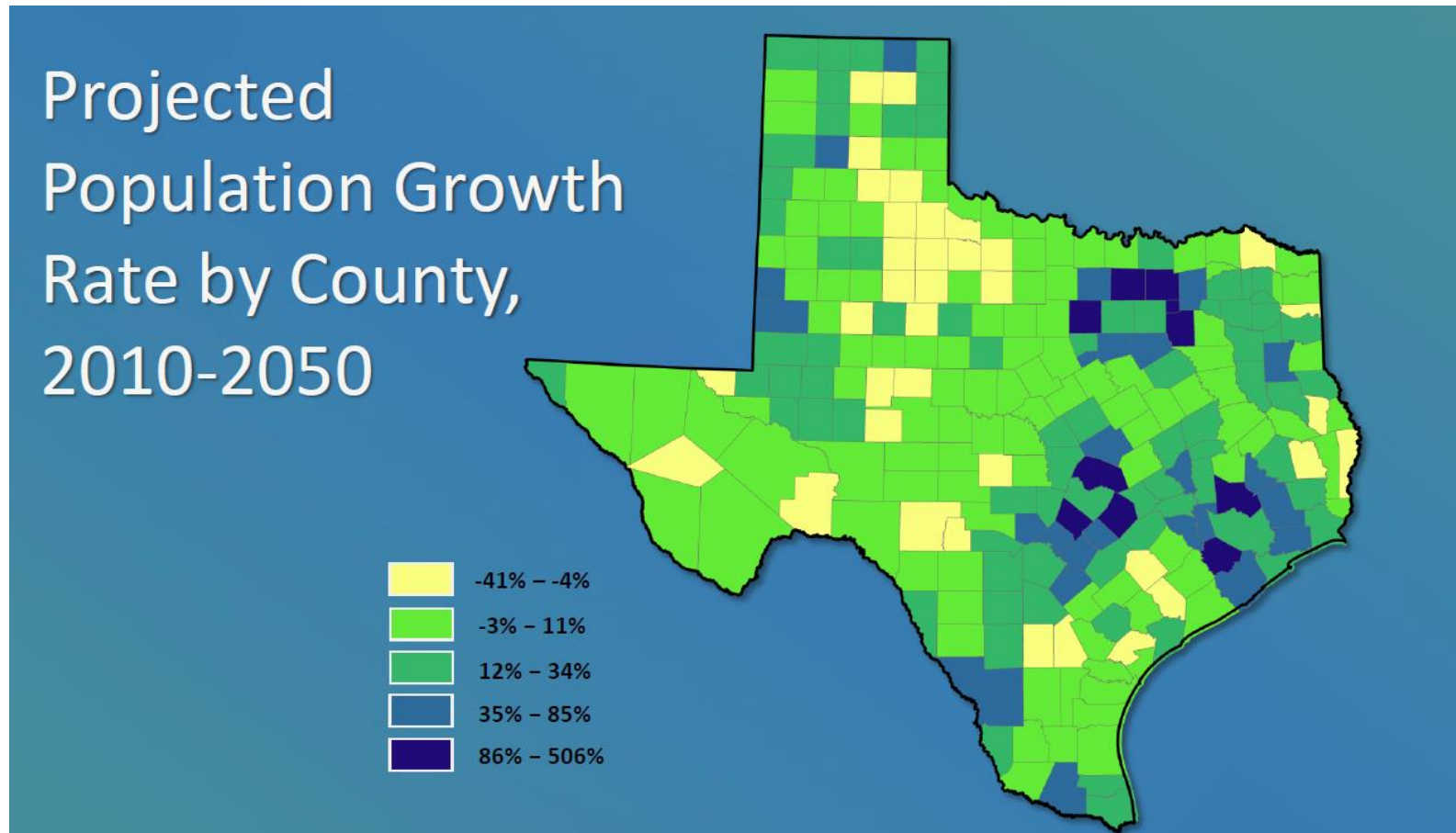
**7 Million People**

North Central Texas Region

# Texas Population Projections by County (2010-2050)

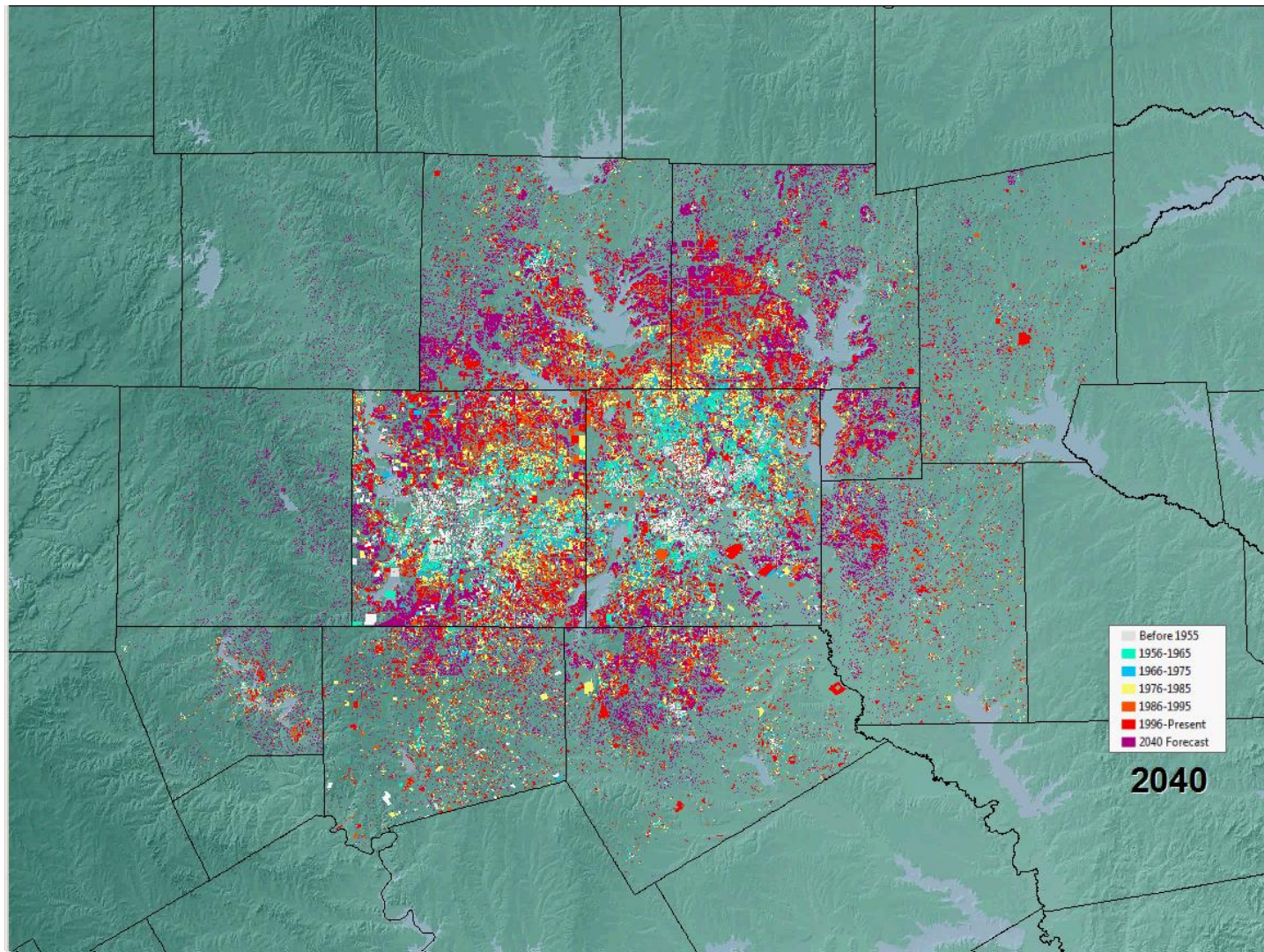


North Central Texas Council of Governments



Source : Dr. Lloyd Potter, Texas State Demographer

# 1950-2040 Growth Animation



# Drainage Related Initiatives

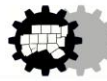
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- Trinity River Common Vision
- Regional Stormwater Management Coordinating Council
- Regional Ecosystem Framework
- *integrated* Stormwater Management (iSWM™)

# REGIONAL WATERSHED CLUSTERS OF 12 -DIGIT HUC'S



- Legend**
- Proposed MPA Boundary
  - Primary Highway
  - Secondary Highway
  - Access Ramp
  - Major Arterial
  - Drains to Water Supply Reservoirs
  - Drains to Trinity River
  - Cluster/Drainage
  - Subbasins
  - Watersheds
  - Subwatersheds



North Central Texas  
Council of Governments  
Environment & Development



Data Source : Watershed Boundary Dataset (WBD) by  
USDA - Natural Resources Conservation Service

Stream Data by National Hydrography Dataset (NHD)

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# North Central Texas Impaired Waters Draft 2014 Texas Integrated Report

**DRAFT**

## 2014 Impaired Segments

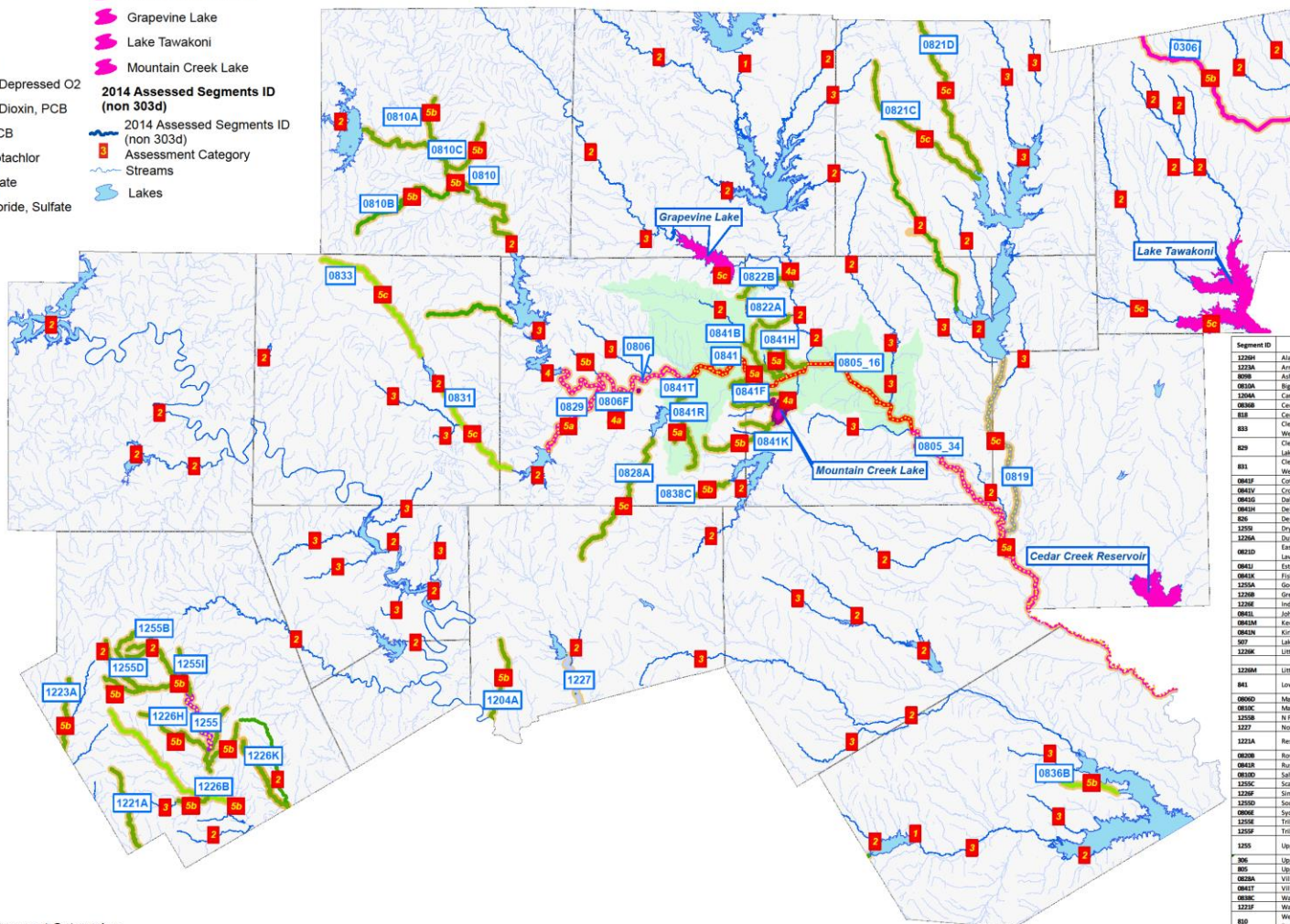
- Depressed O2
- PCB
- pH
- Bacteria
- Bacteria, Depressed O2
- Bacteria, Dioxin, PCB
- Dioxin, PCB
- PCB, Heptachlor
- TDS, Sulfate
- TDS, Chloride, Sulfate

## Impaired Lakes

- Cedar Creek Reservoir
- Grapevine Lake
- Lake Tawakoni
- Mountain Creek Lake

## 2014 Assessed Segments ID (non 303d)

- 2014 Assessed Segments ID (non 303d)
- Assessment Category
- Streams
- Lakes



Segment ID	Segment Name	Segment	Impairment Parameter
1229H	Alarm Creek	5b	Bacteria
1229A	Armonock Creek	5b	Bacteria
809B	Ash Creek	5c	Bacteria
0810A	Big Sandy Creek	5b	Bacteria
1204A	Camie Creek	5b	Bacteria
0806B	Cedar Creek	5b	Depressed O2
818	Cedar Creek Reservoir	5c	pH
833	Clear Fork Trinity above Lake Weatherford	5c	Depressed O2
829	Clear Fork Trinity below Brook Lake	5a	Dioxin / PCB
831	Clear Fork Trinity below Lake Weatherford	5c	Depressed O2
0841F	Collinwood Creek	5a	Bacteria
0841V	Cocksett Branch	5c	Bacteria
0841G	Dalworth Creek	5a	Bacteria
0841H	Delaware Creek	5a	Bacteria
826	Denton Creek	5c	pH
1209B	Dry Branch	5c	Bacteria
1206A	Duffau Creek	5c	Bacteria
0821D	East Fork Trinity River above Lake Lanier	5c	Bacteria
0841J	Estelle Creek	5a	Bacteria
0841K	Fish Creek	5b	Bacteria
1205A	Goose Branch	5b	Bacteria
1206B	Green Creek	5b	Depressed O2
1206E	Indian Creek	5	Depressed O2
0841L	Johnson Creek	5a	Bacteria
0841M	Kea Branch	5a	Bacteria
0841N	Kitty Creek	5b	Bacteria
907	Lake Tawakoni	5c	pH
1206K	Little Duffau Creek	5b	Bacteria
1206M	Little Green Creek	5b	Bacteria
841	Lower West Fork Trinity River	5a	Bacteria, Dioxin, PCB
0806D	Marine Creek	5b	Bacteria
0810C	Marlin Branch	5b	Bacteria
1205B	N Fork Upper N Bosque	5b	Bacteria
1227	Nolan River	5b	Sulfate, TDS
1221A	Realey Creek	5b	Bacteria, Depressed O2
0806B	Rossett Creek	5c	Bacteria
0841R	Rush Creek	5a	Bacteria
0810D	Salt Creek	5b	Bacteria
1205C	Scarborough Creek	5b	Bacteria
1205F	Sims Creek	5b	Bacteria
1205D	South Fork N Bosque	5b	Bacteria
0806E	Sycamore Creek	5b	Bacteria
1205E	Tri of Gona Branch	5b	Bacteria
1205P	Tri of Scarborough Cr	5b	Bacteria
1205	Upper N. Bosque River	5b	Bacteria, Depressed O2
306	Upper South Sulphur River	5b	pH
807	Upper Trinity River	5a	Dioxin / PCB
0821A	Village Creek	5c	Bacteria
0841T	Village Creek	5a	Bacteria
0841U	Walnut Creek	5b	Bacteria
1205P	Walnut Creek	5b	Bacteria
810	West Fork Trinity below Bridgeport Rv.	5b	Bacteria
806	West Fork Trinity below Eagle ML Rv.	5a	PCB
806	West Fork Trinity below Lake Worth	5a	Dioxin / PCB
0810U	West Irving Creek	5a	Bacteria
0810E	Willow Creek	5c	Bacteria
815	East Fork Trinity River	5c	Sulfate, TDS
1205G	Woodhollow Branch	5b	Bacteria

## TCEQ Stream Segment Categories

- Category 1. Attaining all water quality standards and no use is threatened.
- Category 2. Attaining some water quality standards and no use is threatened; and insufficient data and information are available to determine if the remaining uses are attained or threatened.
- Category 3. Insufficient data and information are available to determine if any water quality standard is attained.
- Category 4. Water quality standard is not supported or is threatened for one or more designated uses but does not require the development of a TMDL.
- Category 4a. TMDL has been completed and approved by EPA.
- Category 4b. Other pollution control requirements are reasonably expected to result in the attainment of the water quality standard in the near future.
- Category 4c. Nonsupport of the water quality standard is not caused by a pollutant.
- Category 5. The water body does not meet applicable water quality standards or is threatened for one or more designated uses by one or more pollutants.
- Category 5a. A TMDL is underway, scheduled, or will be scheduled.
- Category 5b. A review of the water quality standards for the water body will be conducted before a management strategy is selected.
- Category 5c. Additional data and information will be collected or evaluated before a management strategy is selected.



**North Central Texas  
Council of Governments**

Data Source: TCEQ 2014 Texas Integrated Report for Clean Water Act Sections 305(b) and 303(d) and the NCTCOG Regional Data Center (2015).

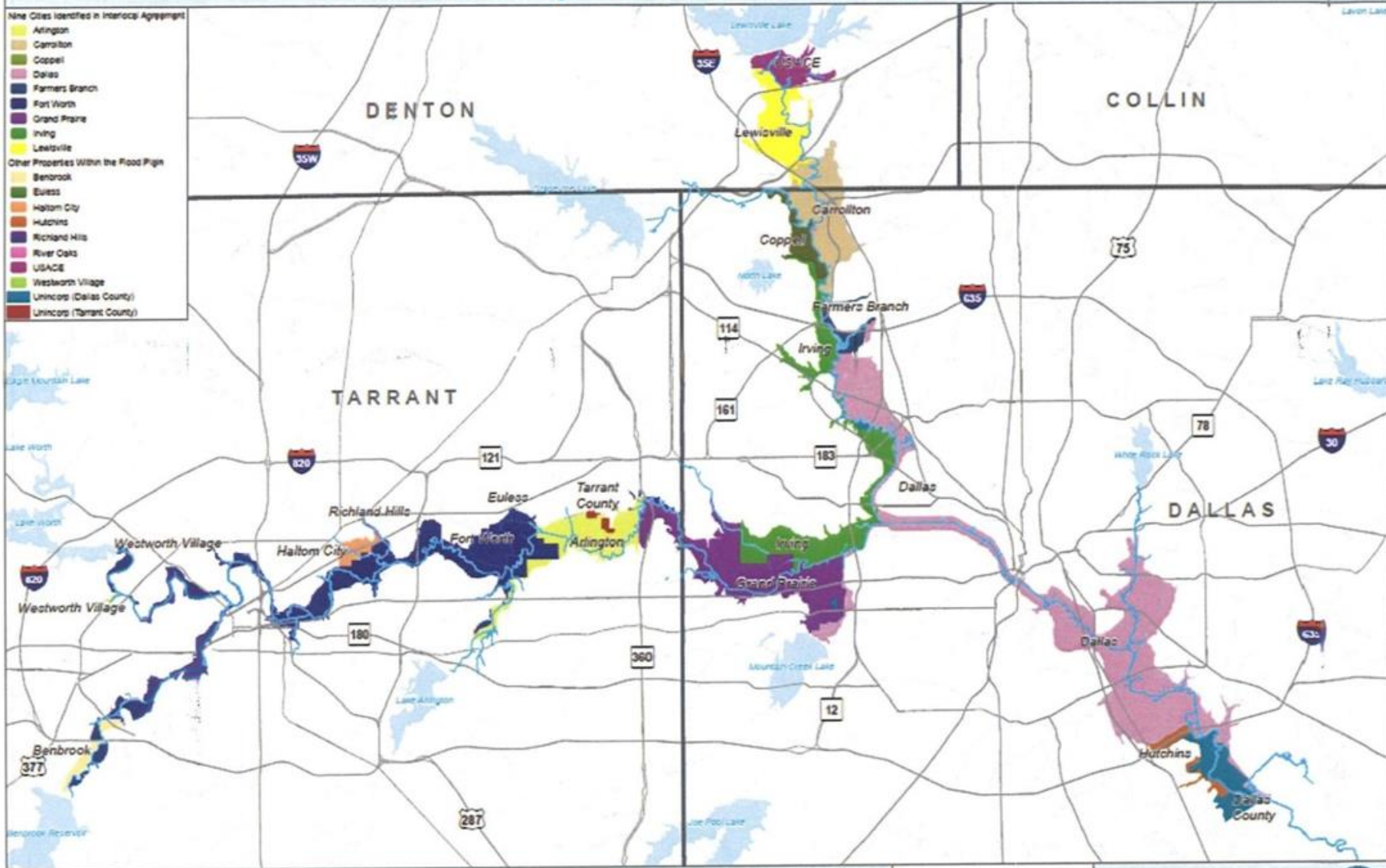
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DEA 06/15/15  
G:\EP\_05\Water\water\_quality\2014 Impaired Waters

# Trinity River Corridor

**Nine Cities Identified in Interlocal Agreement**

- Arlington
  - Carrollton
  - Coppell
  - Dallas
  - Farmers Branch
  - Fort Worth
  - Grand Prairie
  - Irving
  - Lewisville
- Other Properties Within the Flood Plain**
- Benbrook
  - Euless
  - Haltom City
  - Hutchins
  - Richland Hills
  - River Oaks
  - USACE
  - Westworth Village
  - Unincorp (Dallas County)
  - Unincorp (Tarrant County)



North Central Texas  
Council of Governments  
Environment & Development



Trinity River Corridor



CDC Zone



0 0.5 1 2  
Miles  
1 inch equals 1 mile



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# Trinity River *COMMON VISION*

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- A *SAFE* Trinity
- A *CLEAN* Trinity
- An *ENJOYABLE* Trinity
- A *NATURAL* Trinity
- A *DIVERSE* Trinity



# COMMON VISION -CDC Manual

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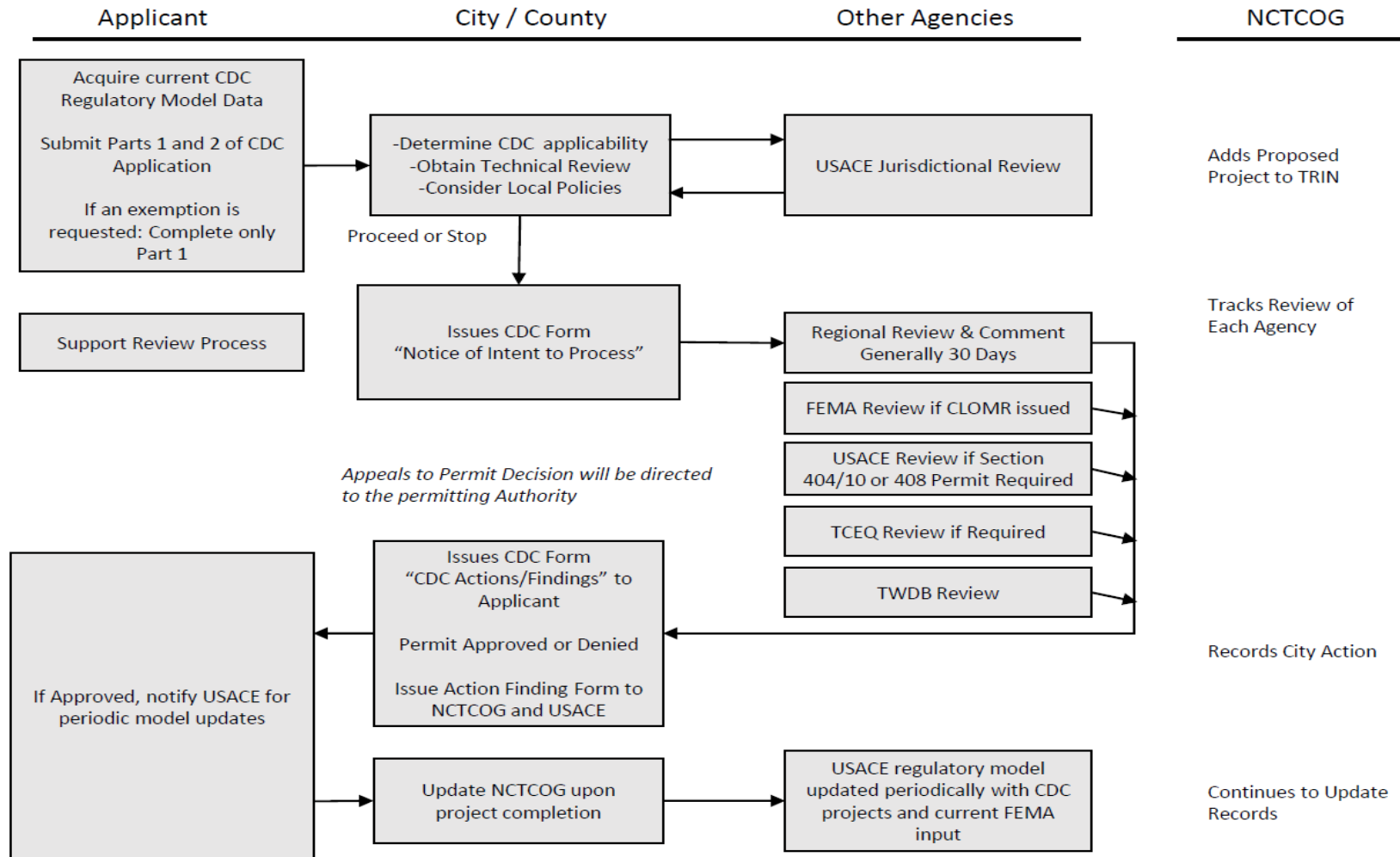
- Arlington
- Carrollton
- Coppell
- Dallas
- Farmers Branch
- Fort Worth
- Grand Prairie
- Irving
- Lewisville
- Dallas County
- Denton County
- Tarrant County
- Tarrant County Water Control and Improvement District Number One
- Trinity River Authority of Texas
- United States Army Corps of Engineers, Fort Worth District
- Federal Emergency Management Agency
- North Central Texas Council of Governments

# Common Vision Permit Criteria

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- All floodplain projects permitted (*not just for USACE permits*)
- City's retain development authority
- Consistent design level of protection
- Adopted by every member
- Any public or private development must obtain a CDC (*unless specifically exempted*)

# Corridor Development Certificate Process



# Regional Stormwater Management Coordinating Council

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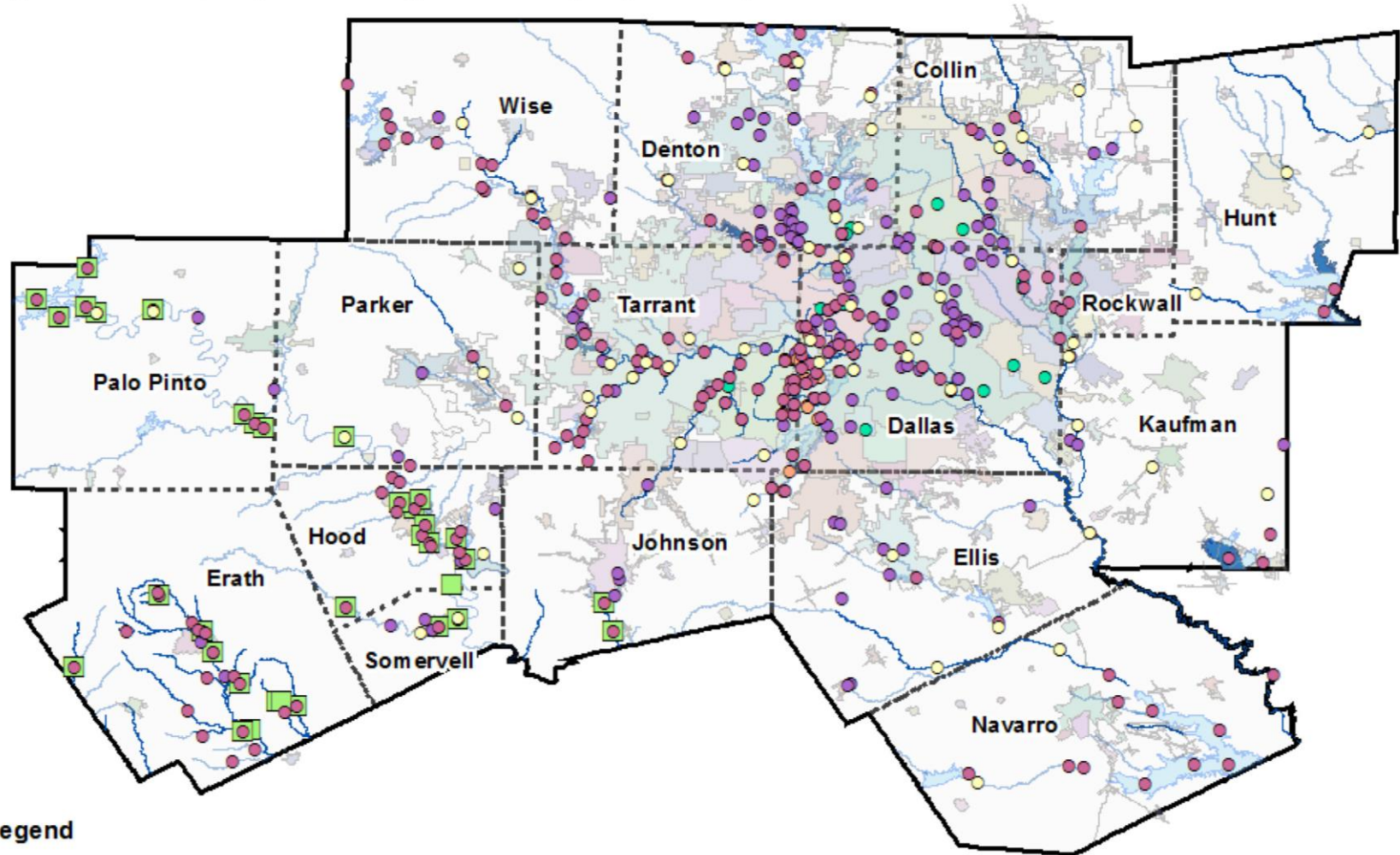
- Comprehensive program to coordinate regional stormwater quality issues
- Engages a unified approach to state and federal stormwater quality regulations
- Provides local stormwater training
- Encourages better science from shared data
- Encourages four related regional task forces
- Coordinates TMDL planning & implementation

# Regional Stormwater Task Forces

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- **Public Education** –educational materials cooperative purchases, Texas SmartScape®
- **Municipal Pollution Prevention** –education and training for City programs
- **Illicit Discharge Detection and Elimination** - investigation and inspection methods to find water pollution
- **Regional Cooperative Monitoring** - TCEQ-approved regional water quality monitoring program. [[www.dfwstormwater.com](http://www.dfwstormwater.com)].

Figure 10. NCTCOG Regional Planning Area Water Quality Monitoring Network



**Legend**

- USGS Surface Water Quality Monitoring Site
- Clean Rivers Program Monitoring Sites
- Grand Prairie monitoring sites
- Texas Stream Team Monitoring Sites
- 2015 NCTCOG Atkins Monitoring Sites
- Brazos Basin Monitoring in NCTCOG Region Boundary
- Lakes
- NCTCOG Boundary
- Impaired Waters Cat. 4 & 5
- Impaired Lakes Cat. 4 & 5

Source: US Geological Survey (USGS), NCTCOG, Texas Stream Team, TCEQ: Clean Rivers Program (TRA), Brazos River Basin; 2015

# North Central Texas Cities within the Greater Trinity River Bacterial TMDL Study Area

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Arlington

Bedford

Cockrell Hill

Colleyville

Coppell

Dallas

Dalworthington Gardens

Eules

Fort Worth

Grand Prairie

Grapevine

Haslet\*

Highland Park

Hurst

Irving

Keller

Kennedale\*

Mansfield\*

Mesquite\*

North Richland Hills

Pantego

Rendon\*

Richland Hills\*

University Park

\* Indicates only small portions of the city limits are within the TMDL Study Area

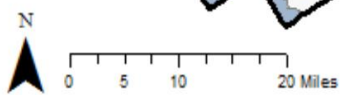
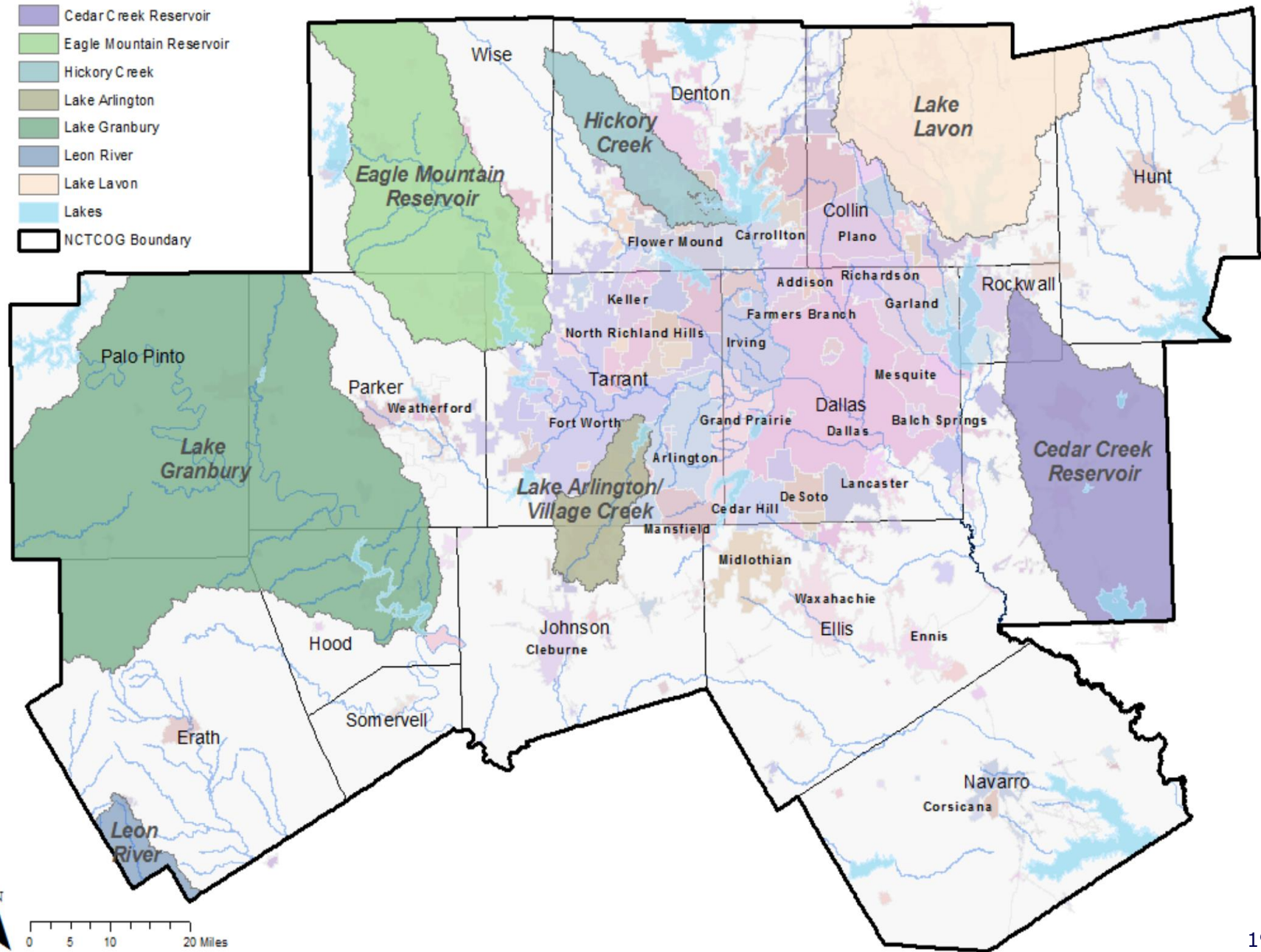
Source: NCTCOG, 2016



# Watershed Protection Plans

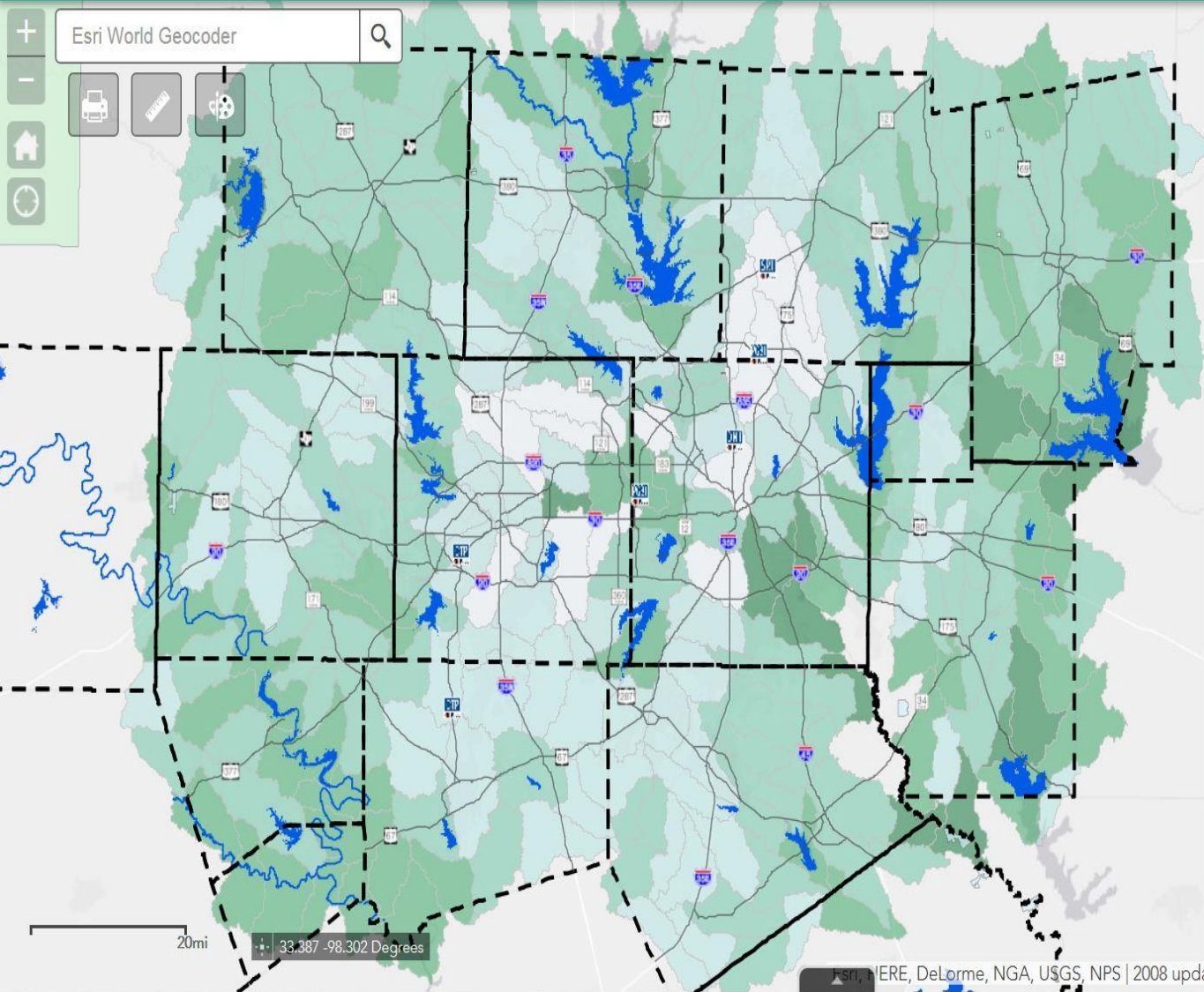
## Watersheds

- Cedar Creek Reservoir
- Eagle Mountain Reservoir
- Hickory Creek
- Lake Arlington
- Lake Granbury
- Leon River
- Lake Lavon
- Lakes
- NCTCOG Boundary





Esri World Geocoder



## Legend

- NCTCOG Counties
- Conservation Easements
- Major Lakes
- Ecologically Significant Streams
- REF Composite
  - Total REF Score
  - 30-40 (Greater Resources of Concern)
  - 25-30
  - 20-25
  - 15-20
  - <15 (Lesser Resources of Concern)

20mi 33.387 -98.302 Degrees

Esri, HERE, DeLorme, NGA, USGS, NPS | 2008 update

# iSWM™ = Integrated Stormwater Management

- *Integrated* system of development, design and construction strategies to address:
  - Water Quality
  - Streambank Protection
  - Flood Mitigation and Conveyence



- *"Voluntary" for non-City Projects*
- *Required for 2012/2017 Bond Program Projects*

# iSWM History

- Comprehensive stormwater management design manual developed by NCTCOG and more than 60 participating public entities, including the City of Dallas
- Twenty two (22) local entities now REQUIRE iSWM for design
- Some form of low impact design, post-construction controls, and/or iSWM is now required in all 50 states\*

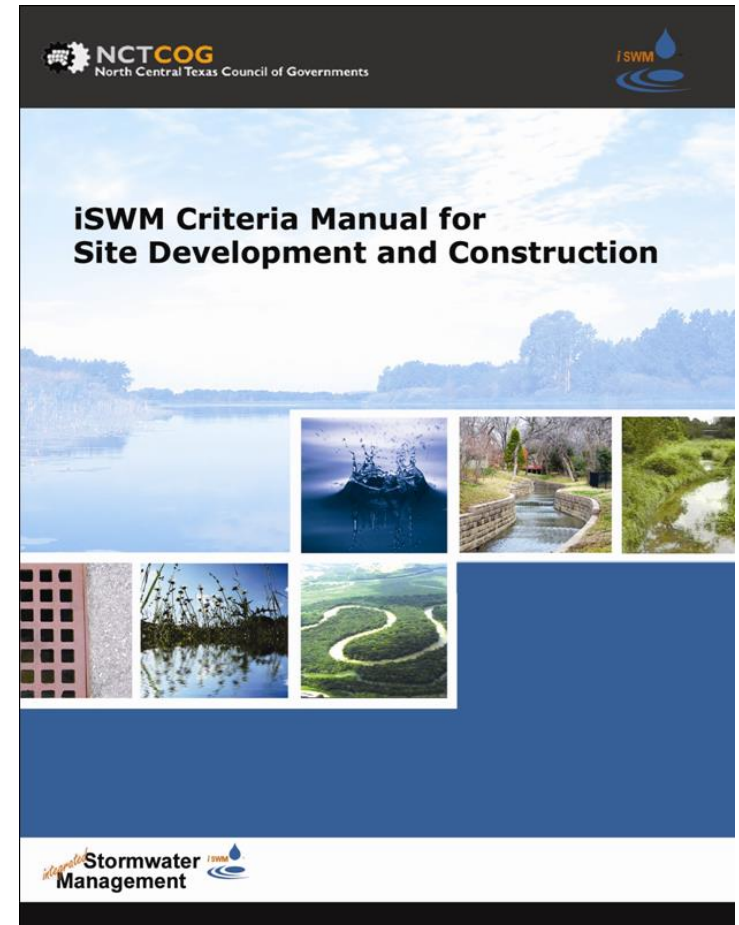
\* <http://www.epa.gov>

## Timeline of Activities to Date

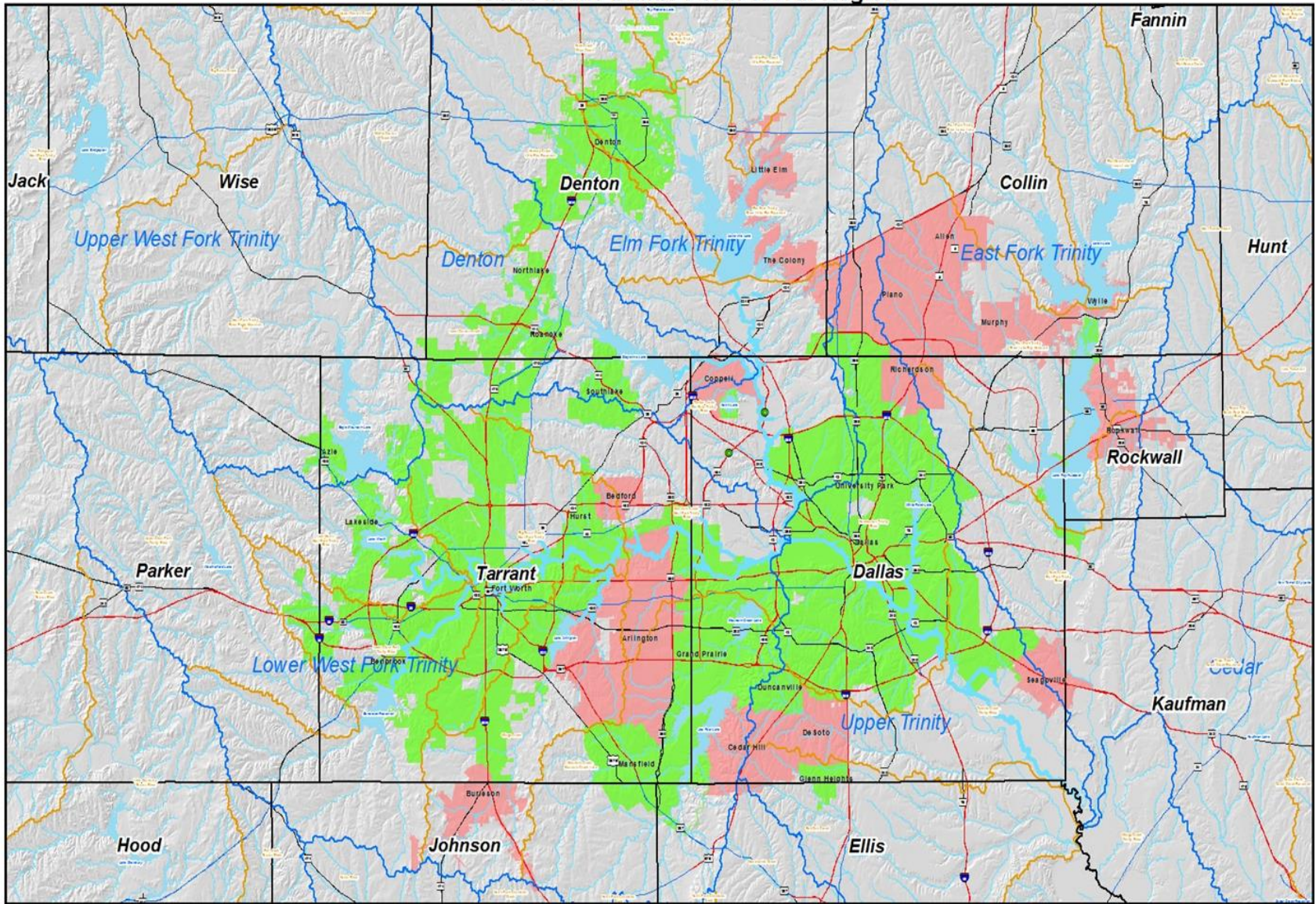
- **1993:** *Last update* of City of Dallas drainage manual
- **1997:** *EPA approves Dallas' city-wide storm water permit (Phase I MS4)* regulating water quality in storm water runoff
- **2003-2006:** City of Dallas participates with more than 60 entities in *NCTCOG initiative to develop iSWM*
- **December 2007:** Dallas *City Council requests* staff to engage consultant *to adopt iSWM*
- **Jan 2008 – Feb 2009:** Dallas works with community to incorporate iSWM into City drainage criteria
  - *Draft criteria developed* from existing criteria and iSWM standards
  - *Monthly Green Task Force* meetings
  - *3 community meetings* with invitations sent to hundreds of Dallas developers
  - *Direct outreach meetings* with development community
    - HBA
    - TREC
  - *Public web site* for information and input
  - *One-on-one meetings* with stakeholders

# iSWM Benefits Across North Texas

- Reduces costs, safety issues and liability concerns
- Provides a “greener” community
- Shared experience
- Provides a consistent framework
- Provides NCTCOG training opportunities



# iSWM In the Dallas Forth Worth Region



- Legend**
- Primary Highway
  - Secondary Highway
  - Access Ramp
  - Major Arterial
  - Lakes
  - Streams
  - WBD HUB Subbasins
  - WBD HUB Watersheds
  - NCTCOG Cities/Towns
  - Implemented iSWM
  - Considering iSWM Strategies



North Central Texas  
Council of Governments  
Environment & Developm



Data Source : Watershed Boundary Daset (WBD) by  
USDA - Natural Resources Conservation Service  
Stream Data : National Hydrography Daset (NHD)

The information presented by the North Central Texas Council of Governments (NCTCOG) for use herein was derived from publicly available information. This data is not intended to be a guarantee, warranty, or representation of any kind. NCTCOG, its officers, employees, agents, and contractors, make no liability for any consequences, errors, or omissions that may arise.

# iSWM Philosophy

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- iSWM's focus: *"fit the project to the natural stormwater system, not the stormwater system to the project"*
- iSWM focusses on water quality and flow reduction through:
  - On-site storm water controls
  - Off-site regional initiatives, as available
  - Use of site design practices (preserve natural areas, floodplain, riparian buffers, etc.)



A bioswale and permeable concrete are used for stormwater management and to enhance neighborhood aesthetics (Source: Abby Hall, US EPA)

# Design Aspects of iSWM

- Current design requires assessment of existing drainage system up/downstream of project
- *Relevant for private and public development sites as well as public rights of way*
- City's Complete Streets initiative provides the opportunity to incorporate design concepts into the standard street profiles.



The old way of thinking – deliver water to storm inlet as quickly as possible and do not nourish nearby trees





# Why iSWM in Dallas?

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- Permit Compliance
- Addresses Regulatory Program feedback
- Undersized existing drainage system
- Water quality improvement
- May help reduce maintenance
- Part of larger Urban Design Initiative

# Permit and Regulatory Compliance

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EPA expanding federal stormwater regulations:

- Energy Independence and Security Act
- Executive Order 11990 (higher standards for floodplain delineation)
- National Construction General Permit



# State & Federal Permit Compliance

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Stormwater Discharge Permit requires:

- Projects to address water quality impacts
- Comprehensive program to address development and redevelopment



Cedar Crest Bridge Project

# Regulatory Program Feedback

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- EPA Community Partnership Technical Assistance Grant
- Identified barriers to implementing Green Infrastructure in Dallas
- Reviewed Dallas codes and design manuals with a charrette with City design staff
- Used EPA Green Infrastructure Checklist to facilitate review
- Provided 27 pages of comments and suggestions

# EPA Recommendations

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Recommendations focused on:

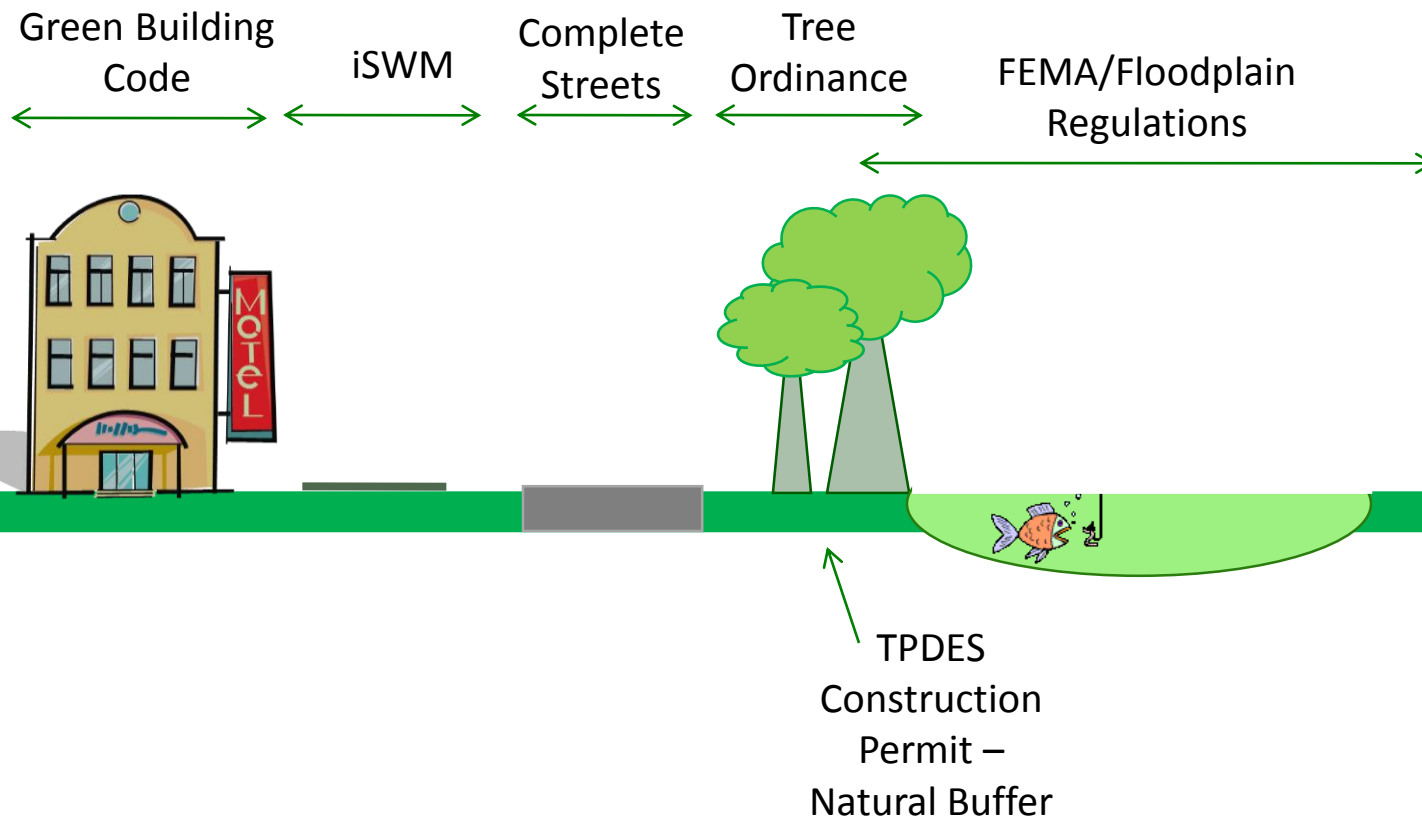
- Further integrating and implementing the City's existing programs to form a more comprehensive approach to sustainable design
- Using Green Infrastructure/ iSWM on City projects to serve as an example to private development

# Urban Design Initiative: Street & Drainage Standard Update

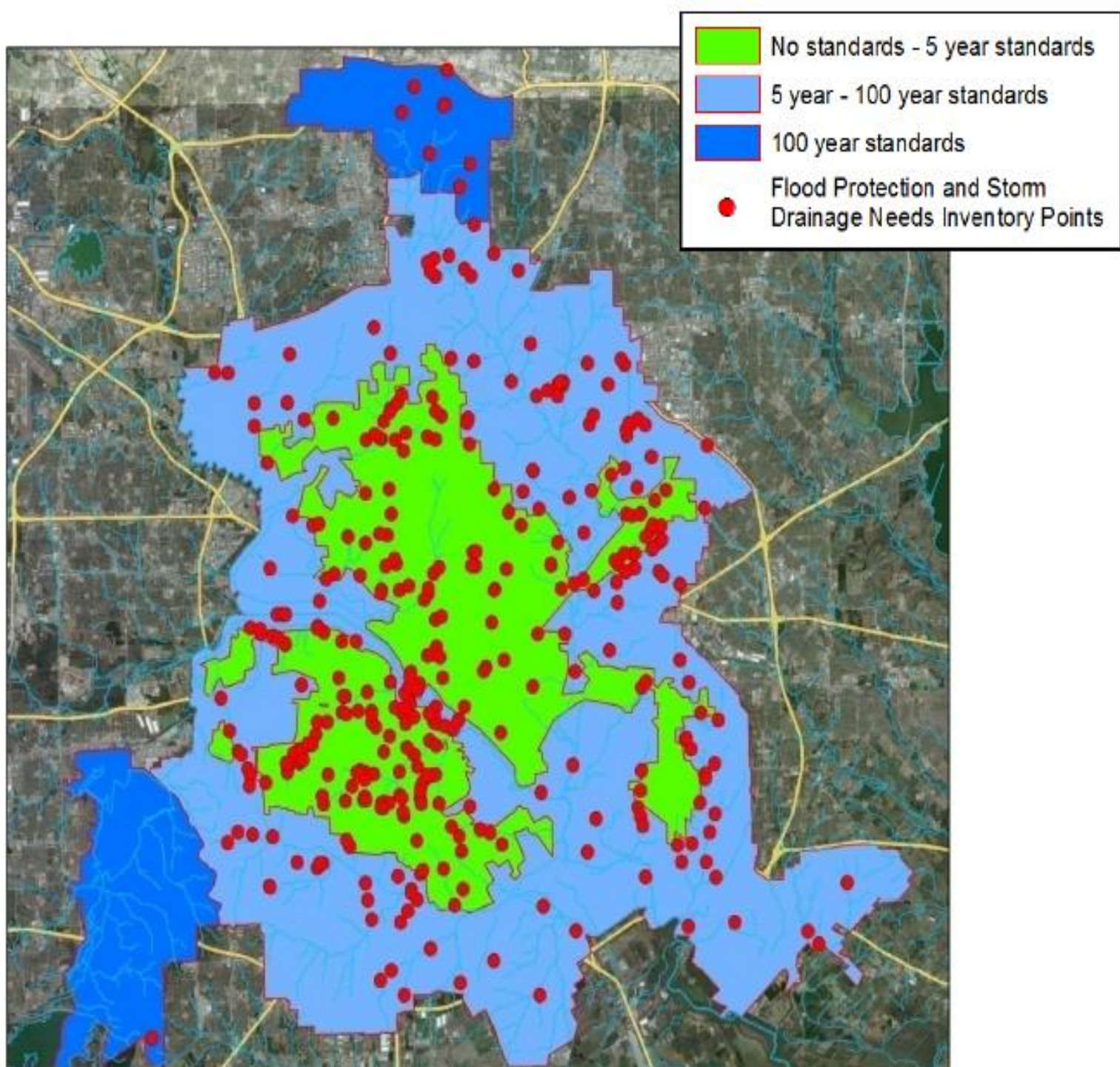
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- Traditional Design Manuals in use from 1993/1998
- iSWM and urban design methods being used
- Designers struggling with two manuals
- Additional Tree Ordinance, Development Ordinance and Floodplain Ordinance Updates
- Multi-Department Team Effort under the Urban Design Initiative

# Sustainable Design Opportunities

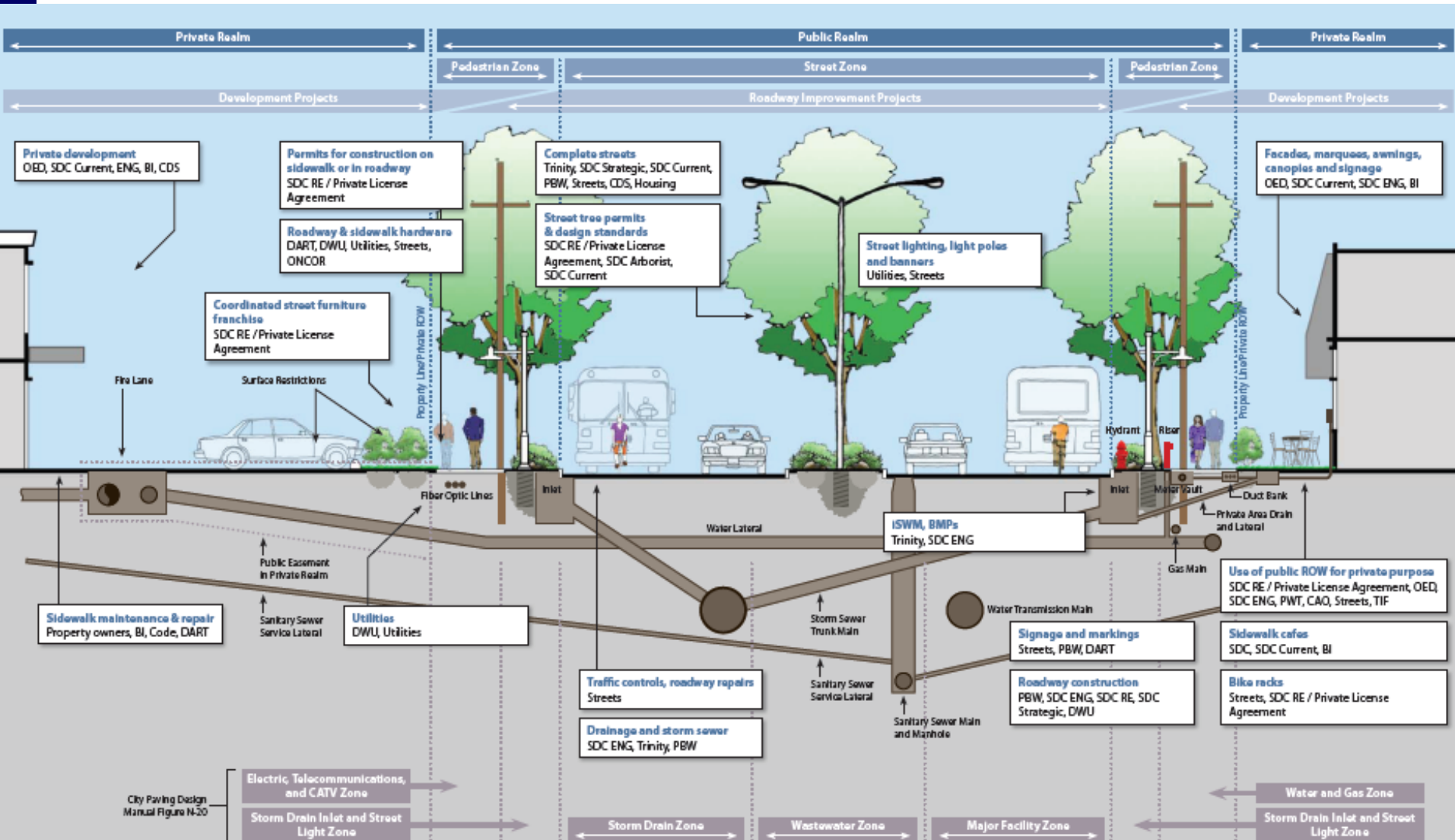


The majority of the needs in the City are associated with areas developed with inadequate standards

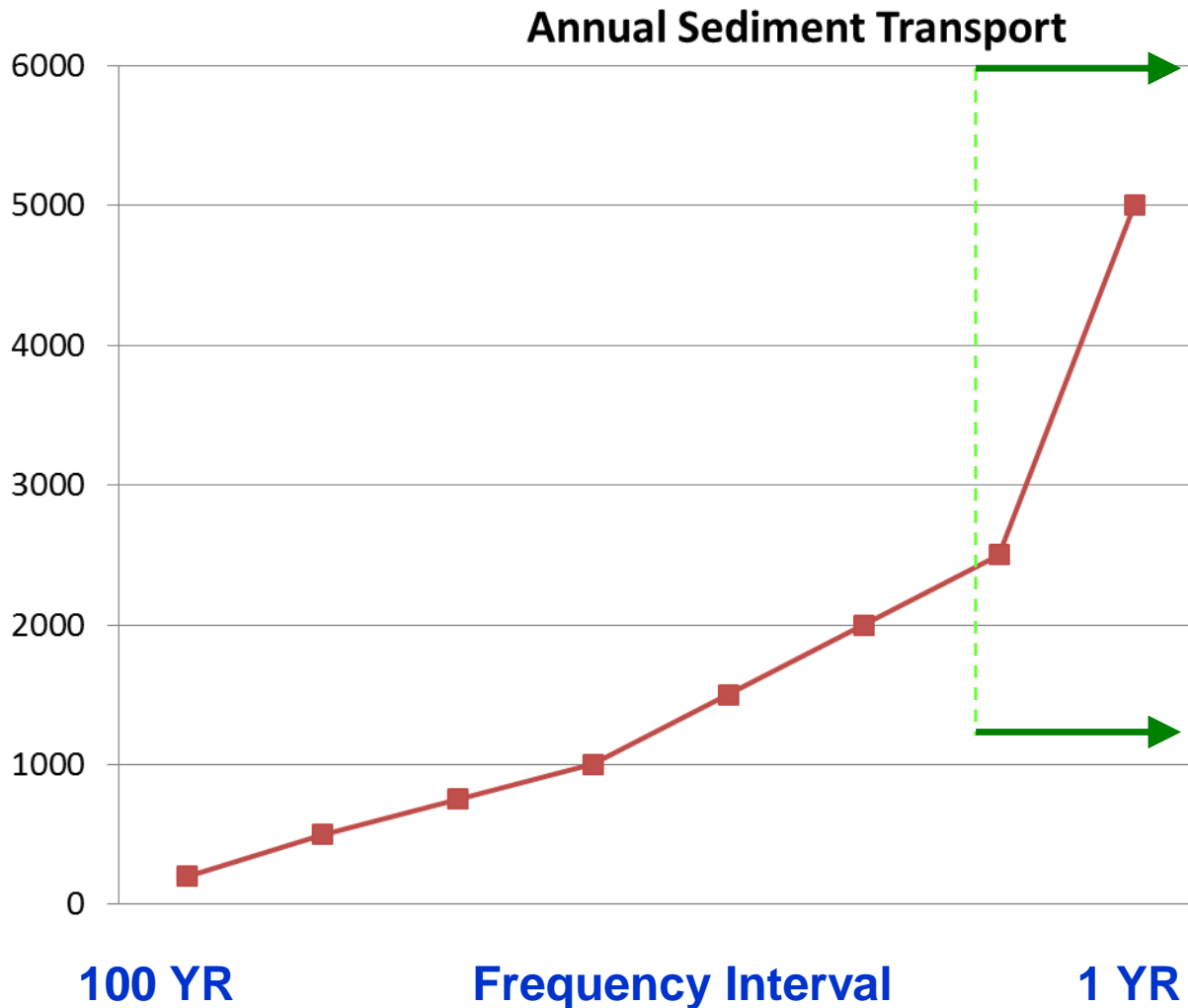




# Complex Agency Roles on City ROW



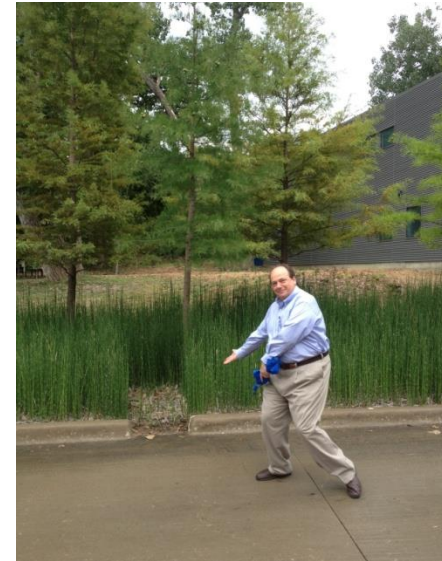
# Maintenance Concerns



Implementing iSWM/ Green Infrastructure can help reduce erosion and sediment transport occurring during the smaller, but more frequent storm events

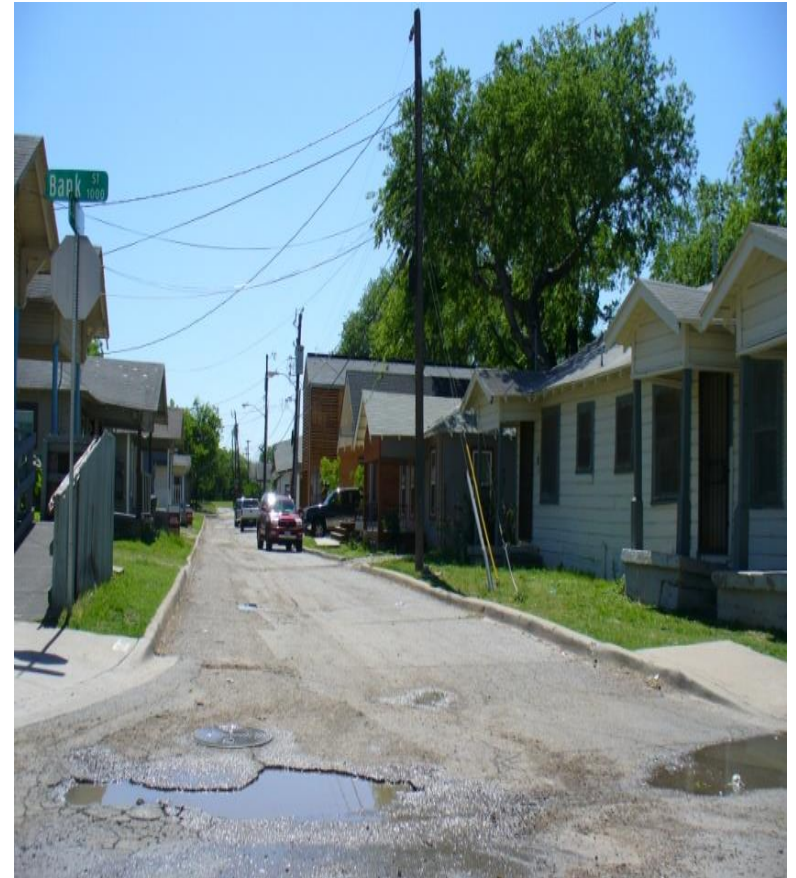
# iSWM Use in Dallas

- iSWM examples:
  - Urban Reserve
  - Cedar Creek Bridge Park
  - Omni Hotel
  - Perot Museum
  - Bush Library
  - Sylvan 30
  - And several roadway projects...



# Complete Street - Congo Street Project Pre-construction

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# Complete Street – Congo Street Project: Post-construction



Bioswale and landscaping



Permeable pavement in recessed parking areas

# Financial Incentive: Stormwater Fee Update

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- Current stormwater fee structure based on available data when utility created in 1991
- Implemented in accordance with Texas Municipal Code
- Proposed rate structure uses measured impervious area to more accurately assess each property's impact on drainage
- Briefed to Council on June 8, 2016
- Stormwater fee finder:  
<http://gis.dallascityhall.com/swfeefinder>

# Rationale for Fee Change

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- More equitable
- Better defines properties' stormwater run-off impacts
- **Promotes environmental quality**
- Current industry standard
- Coincides with need to manage impervious area
- Consistent with current EPA guidance
- Stormwater fee finder:  
<http://gis.dallascityhall.com/swfeefinder>

# Questions?

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# APPENDIX



# FY 2016-17 Budget

## Workshop #5:

### Budget Overview & Update



City Council Briefing – June 8, 2016

# Storm Water Drainage

(\$ in millions)

FY16 Revenues  
\$50.5m



\$51.4m  
FY16 Expenses



FY17 Revenues  
\$50.5m



\$52.0m  
FY17 Expenses



# Storm Water Fee Update

- Current storm water fee structure was based on available data at time of utility creation in 1991
  - Data assumed impervious area based on premise type (minimum charge of \$5/parcel)
- Consultant hired to assess/revise rate structure
- Proposed rate structure utilizes measured impervious area to more accurately assess each property's impact on drainage system
- Per Council direction, proposed revisions are revenue neutral

# Storm Water Fee Update

## Current Residential Property Area Rates

Lot Size	Monthly Rate
Up to 6,000 Sq Ft	\$3.65
6,001-8,000 Sq Ft	\$5.77
8,001-17,000 Sq Ft	\$7.77
17,001-215,000 Sq Ft	\$13.87
More than 215,000 Sq Ft	\$43.87

Unimproved and Commercial Property – Fee is calculated based on square footage and a runoff coefficient (\$0.1589 per Sq Ft of impervious area).

Unimproved and commercial properties have a minimum monthly charge of \$5.00; vacant properties have a maximum charge of \$57.10, but commercial properties are not capped

## Proposed Residential Property Area Rates

Impervious Area	Monthly Rate
Up to 2,000 Sq Ft	\$3.25
2,000-3,500 Sq Ft	\$5.17
3,500-5,500 Sq Ft	\$7.77
More than 5,500 Sq Ft	\$12.67

Unimproved and Commercial Property- Fee is calculated based on \$1.75 per 1,000 Sq Ft of impervious area.

Unimproved and commercial properties have a minimum monthly charge of \$5.00

# Memorandum



CITY OF DALLAS

DATE August 5, 2016

TO The Honorable Members of the Transportation and Trinity River Project Committee:  
Lee M. Kleinman (Chair), Deputy Mayor Pro Tem Erik Wilson (Vice-Chair), Sandy Greyson,  
Mayor Pro Tem Monica R. Alonzo, Adam Medrano, and Casey Thomas II

SUBJECT Dallas Floodway Risk Assessment Addendum

On Monday, August 8, 2016, you will be briefed on the Dallas Floodway Risk Assessment Addendum. Attached are the materials for the briefing.

Please let me know if you have any questions or concerns.

A handwritten signature in black ink, appearing to read 'Mark McDaniel'.

Mark McDaniel  
Assistant City Manager

c: Honorable Mayor and Members of the City Council  
A.C. Gonzalez, City Manager  
Christopher D. Bowers, Interim City Attorney  
Craig D. Kinton, City Auditor  
Rosa A. Rios, City Secretary  
Daniel F. Solis, Administrative Judge  
Ryan S. Evans, First Assistant City Manager

Eric D. Campbell, Assistant City Manager  
Jill A. Jordan, P.E., Assistant City Manager  
Joey Zapata, Assistant City Manager  
Jeanne Chipperfield, Chief Financial Officer  
Sana Syed, Public Information Officer  
Elsa Cantu, Assistant to the City Manager – Mayor & Council

# DALLAS FLOODWAY RISK ASSESSMENT ADDENDUM

## Transportation and Trinity River Project Committee

August 8, 2016



US Army Corps of Engineers  
BUILDING STRONG®



# Overview

## Levee Safety Program Components

- Inspections
- Risk Assessments
- Risk Communications
- Risk Reduction
- Risk Management





# Levee Safety Program Background

- WRDA 2007 & WRRDA 2014 mandates making levee information publicly available, including condition and potential consequences due to levee breach or overtopping.
  - ▶ The U.S. Army Corps of Engineers (USACE) has the responsibility to assess levee systems and communicate findings to the sponsor.
  - ▶ Used to identify levee safety issues, prioritize levee safety program activities, define the scope of further evaluations, and recommend interim risk reduction measures.
  - ▶ It is a characterization that is used to prioritize actions to address safety issues.
  - ▶ Can change if there are significant changes in the system, or as new information becomes available.



# Risk Assessment Background

- Dallas Floodway Risk Assessment completed by USACE and the City of Dallas in 2012.
- What has happened since 2012?
  - ▶ East Bank – West Bank Interceptor
  - ▶ Cutoff walls
  - ▶ New pump stations
- Why are we here?
  - ▶ Risk Assessment is being updated to reflect new pump stations, cutoff walls and the East/West interceptor projects.

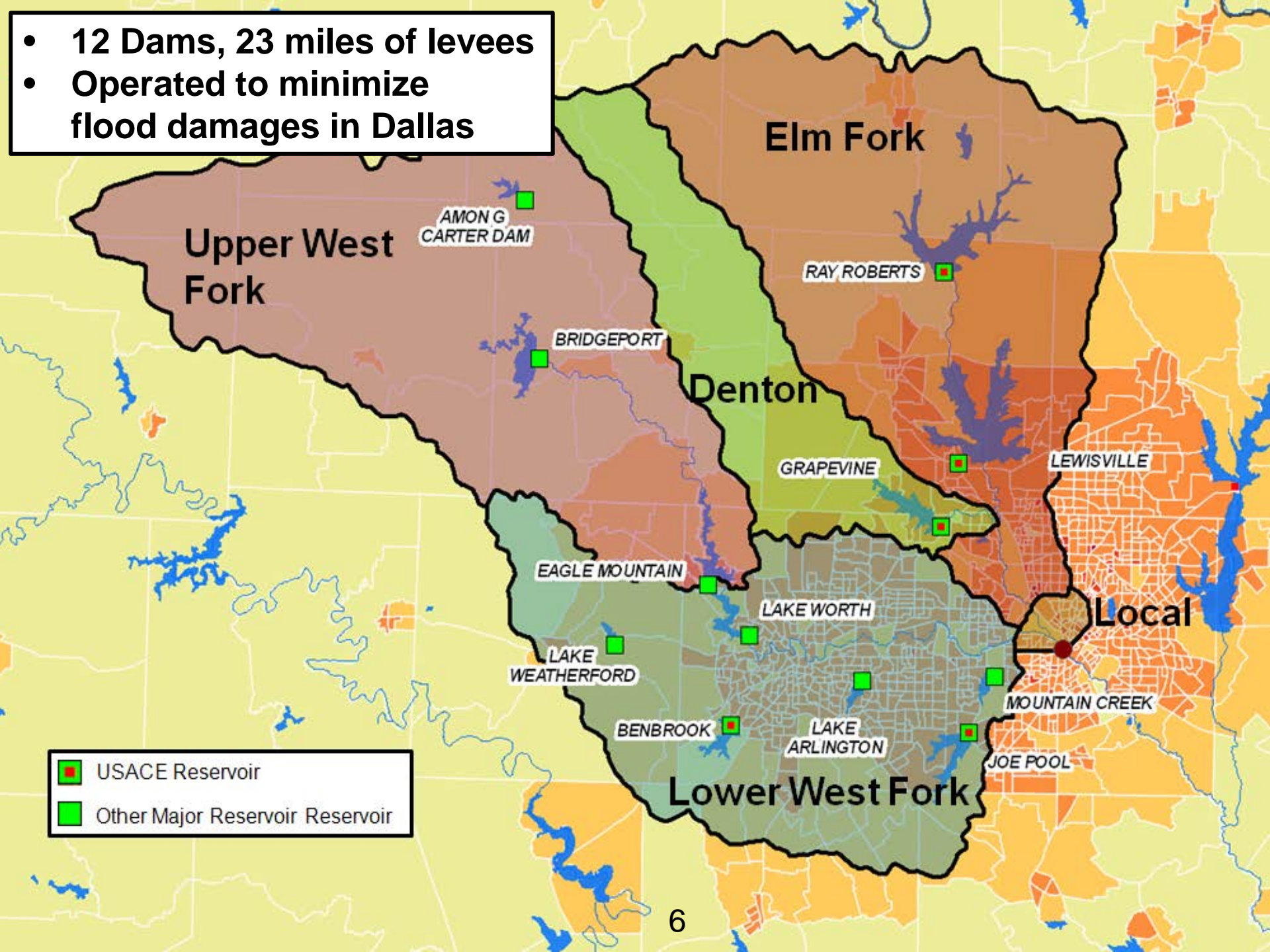


# The Dallas Floodway

- Among the best maintained levee systems in the nation.
- The levee sponsor has been very diligent addressing deficiencies as they are identified.
- The levee system protects an area with high population and a lot of infrastructure.
- The Dallas Floodway levee system has a high likelihood of conveying large flood events.
- It will always have a high degree of attention within USACE.



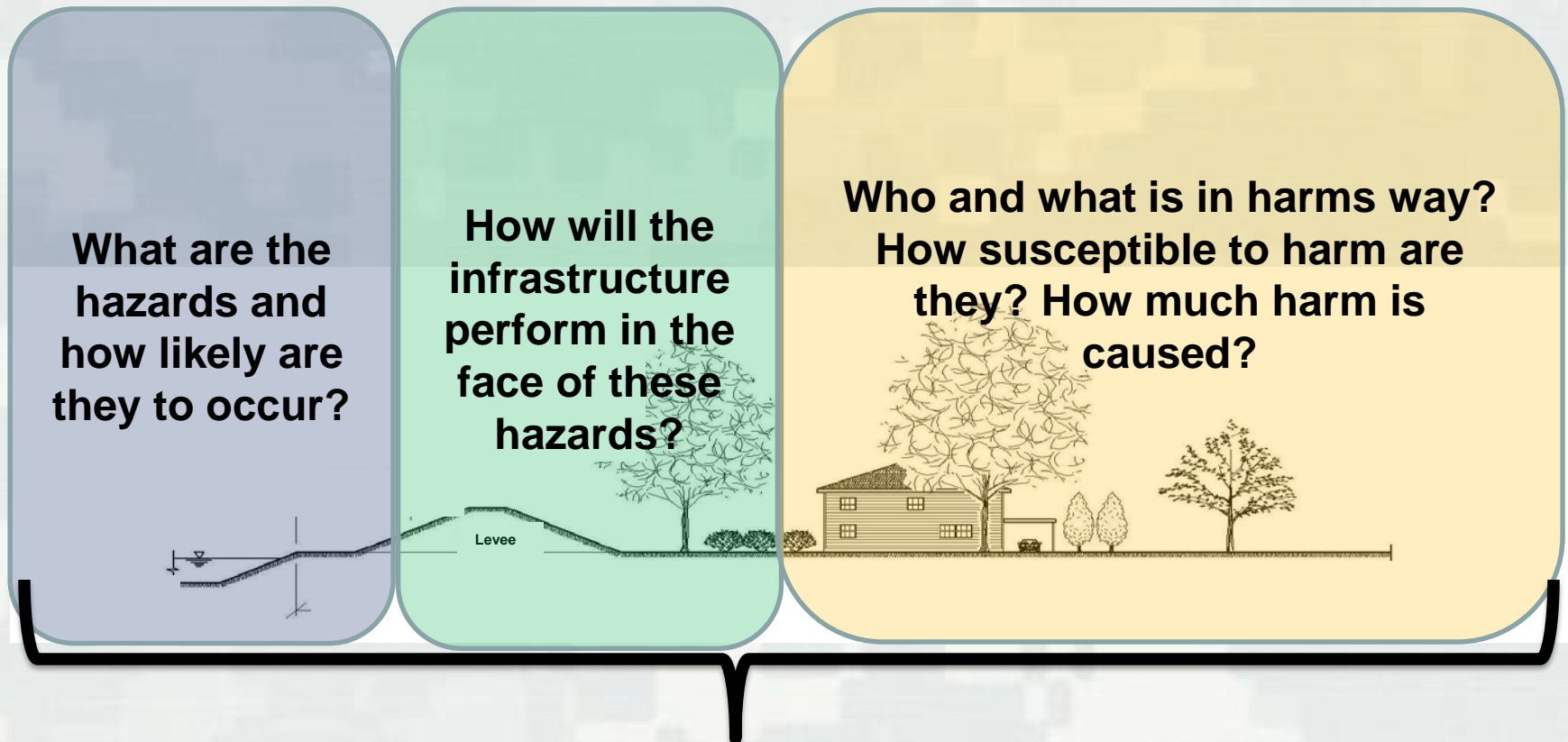
- 12 Dams, 23 miles of levees
- Operated to minimize flood damages in Dallas



- USACE Reservoir
- Other Major Reservoir

# Risk Informed View of Infrastructure Safety

$$\text{Risk} = f(\text{Hazard}, \text{Performance}, \text{Consequences})$$



Infrastructure Safety Program: Focused on People, Performance, and Risks



# Why this is Important to USACE...

- Informs the prioritization of the Dallas Floodway in the USACE levee safety portfolio.
- Results affect the urgency of activities related to flood risk management of the system.
- Builds a foundation for shared responsibility for continued development and implementation of flood risk management solutions for the Dallas Floodway.



## Why this is Important to the City...

- Closes out actions related to the interceptor and cutoff wall.
- Helps inform future investment decisions.
- Highlights critical operation and maintenance, monitoring, emergency management, and training activities needed.
- Can use the information to support subsequent permit applications.
- Helps communicate flood risk to the community.



# Path Forward

- Risk Assessment Kick-Off
- Site Visit
- Data Collection and Review
- Technical Risk Analysis
- Generate Report
- Review Activities
- Brief Levee Safety Oversight Group (LSOG)
- Out-brief

***USACE and Trinity Watershed Management will collaborate on all risk assessment actions.***





# Questions, Comments, or Discussion



# Memorandum



CITY OF DALLAS

DATE August 5, 2016

TO The Honorable Members of the Transportation and Trinity River Project Committee:  
Lee M. Kleinman (Chair), Deputy Mayor Pro Tem Erik Wilson (Vice-Chair), Sandy Greyson,  
Mayor Pro Tem Monica R. Alonzo, Adam Medrano, and Casey Thomas II

SUBJECT Dallas To Houston High Speed Rail Project

On August 24, 2016 City Council will consider a Cooperation Agreement between the City of Dallas and Texas Central Holdings, LLC (Texas Central). Texas Central plans to design, construct and operate a private high-speed passenger rail line between the Dallas-Fort Worth Metropolitan Area and the Houston Metropolitan Area. The purpose of this agreement is to facilitate expedited review of this major private infrastructure project through the necessary federal, state and local review processes, without any presumption of support by the City of Dallas at this stage. A draft of the Cooperation Agreement will be provided to the Council next week.

The Cooperation Agreement will provide a funding mechanism to enable Texas Central to cover the costs incurred by the City for expedited review and to provide external expertise to assist the City with creating an urban design and economic development vision for the area around the proposed Downtown Dallas high speed rail station. It will commit Texas Central to participate in City-hosted community awareness meetings regarding the proposed high speed rail project. It will also provide for the City and Texas Central to work towards defining a master agreement or additional agreements to be brought to City Council for consideration in the future, in order to address more detailed aspects of planning, design, construction, operation and maintenance of the proposed high speed rail within the City of Dallas.

On August 24, 2016, City Council will also consider two additional related actions needed to enable expedited review of the high speed rail project through the Section 408 permit application process by which permission will be sought for the high speed rail project to be constructed and operated within the Trinity River Floodway. Funding for these two actions will be provided by Texas Central through the Cooperation Agreement:

1. A memorandum of agreement with the Department of the Army for expedited Section 408 review by the United States Army Corps of Engineers

2. A contract with HNTB Corporation to provide specialized consultant expertise to the City related to the Section 408 review process.

If you need to discuss this in more detail please contact me at (214) 670-1611, or Peer Chacko at (214) 670-3972.

Sincerely,



Alan E. Sims  
Chief of Neighborhood Plus

c: Honorable Mayor and Members of the City Council  
A.C. Gonzalez, City Manager  
Christopher D. Bowers, Interim City Attorney  
Craig D. Kinton, City Auditor  
Rosa A. Rios, City Secretary  
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Joey Zapata, Assistant City Manager  
Jeanne Chipperfield, Chief Financial Officer  
Sana Syed, Public Information Officer  
Elsa Cantu, Assistant to the City Manager – Mayor & Council

Trinity River Corridor Bond Program Expenditure Report

Project Components	Bond Program Description	TOTAL	Expended / Encumbered (as of June 30, 2016)	Remaining / Planned Expenditures	Remaining Amount Private Funds	Comments
<b>1998 Bond Program</b>						
<b>Margaret Hunt Hill Bridge (Woodall Rodgers)</b>	<b>Prop 11 (Trinity River)</b>					
<i>Design</i>		\$ 6,318,795	\$ 6,318,795			Complete Private funding
<i>Land Acquisition (TxDOT payment)</i>		\$ 6,010,400	\$ 6,010,400			
<i>Construction</i>		\$ 34,282,135	\$ 34,282,135			Private funding
<i>Remaining/Planned Expenditures</i>		\$ 25,754		\$ 25,754		Includes \$25,754 in remaining funds for Margaret Hunt Hill (Woodall Rodgers) Signature Bridge to be used for park benches and picnic area beneath the bridge. (Includes \$6,250,000 funding from Trinity Parkway and \$705,964 from interest earnings and \$1,233,000 Public Art)
<b>Sub-Total - Margaret Hunt Hill Bridge</b>		<b>\$ 46,637,084</b>	<b>\$ 46,611,330</b>	<b>\$ 25,754</b>	<b>\$ -</b>	
<b>Lakes</b>	<b>Prop 11 (Trinity River)</b>					
<i>Master Implementation Plan</i>		\$ 607,276	\$ 607,276			Complete 12/31/2015
<i>Upper Trinity River Feasibility Study</i>		\$ 2,867,000	\$ 2,867,000			
<i>Water Quality Study</i>		\$ 600,802	\$ 600,802			
<i>Parkway Charrette Review</i>		\$ 36,540	\$ 36,540			
<i>Lakes/Parkway Design</i>		\$ 15,614,695	\$ 15,263,795			Private funding
<i>Testing, Miscellaneous</i>		\$ 877,404	\$ 591,710			
<i>Remaining/Planned Expenditures</i>		\$ 11,070,727		\$ 11,070,727		Includes funding reserved for potential future Council Actions most of which includes \$9.1M for Parkway "borrow area and \$2M for Standing Wave Improvements
<b>Sub-Total - Lakes</b>		<b>\$ 31,674,444</b>	<b>\$ 19,967,123</b>	<b>\$ 11,070,727</b>	<b>\$ -</b>	

Trinity River Corridor Bond Program Expenditure Report

Project Components	Bond Program Description	TOTAL	Expended / Encumbered (as of June 30, 2016)	Remaining / Planned Expenditures	Remaining Amount Private Funds	Comments
<b>Great Trinity Forest/Park</b>	<b>Prop 11 (Trinity River) and Prop 01 (Street &amp; Transportation)</b>					
Master Implementation Plan		\$ 592,400	\$ 592,400			Ongoing
Buckeye Trail		\$ 305,212	\$ 323,182			Grant funding - Complete
Canoe Launch - Loop 12		\$ 407,509	\$ 407,509			1985 Bond Program funding
Canoe Launch - Sylvan		\$ 279,687	\$ 279,687			Grant Funding and 1985 Bond Program funding
Groundwork Dallas		\$ 134,450	\$ 133,900	\$ 550	\$ 550	Grant funding - Complete
IH-20 Gateway		\$ 1,336,213	\$ 1,361,181			Added in relocation expense related to displacement - Complete
Land Acquisition and Miscellaneous (Appraisals, Titles, Surveys, Permits, etc.)		\$ 8,030,781	\$ 8,030,781			Includes \$483,739 for Simpkins - 2 Tracts acquisition that was Journal Vouchered from DFE Unit N962 to Forest Park Unit N966 July 8, 2008. 2006 Bond Program funding Complete
Levee Top Trail		\$ 110,000	\$ 110,000			Parks
Loop 12 Gateway		\$ 546,340	\$ 582,818			
MLK Jr. Gateway/Cedar Crest Bridge - Pedestrian and Bicycle Enhancement		\$ 3,657,733	\$ 4,441,203	\$ 73,460		2003 Bond Program Streets: \$1,004,389; 1998 Bond Program Trinity Parkway: \$2,000,000; DWU: \$36,748
Moore Park Gateway		\$ 3,479,185	\$ 3,479,185			Private funding - Complete
Rochester Gateway		\$ 214,033	\$ 214,033			Complete
Santa Fe Trestle Trail		\$ 8,065,527	\$ 8,065,527			Grant funding - Complete
Soft Surface Trails		\$ 180,457	\$ 180,457			
Texas Horse Park		\$ 14,938,288	\$ 14,938,180	\$ 108		2006 Bond Program (PKR) funding. Project completed 2015.
Trinity Audubon Center		\$ 15,398,156	\$ 15,398,156			2006 Bond Program (PKR) funding. Project completed July 2008. Funding reimbursed from Deepwoods Closure CO Funds (Streets). Complete
Trinity Trails - Phase 1		\$ 2,771,046	\$ 2,771,045			Complete
Trinity Trails - Phase 2		\$ 2,234,235	\$ 2,234,235			Complete
Trinity Trails - Phase 3		\$ 3,827,297	\$ 3,860,716			AT&T Naming Rights Agreement
Trinity Standing Wave		\$ 4,230,099	\$ 4,230,099			2006 Bond Program (PKR) funding. PKR is working with consultant and Corps of Engineers to resolve bypass channel concerns
Balanced Vision Plan - Urban Design Consultants		\$ 120,000	\$ 120,000			
Joppa Gateway Park		\$ 1,951,546	\$ 1,963,058	\$ 31,488		2003 Bond Program (Street Prop) funding. Land acquisition in process; Design awarded Dec 2011; Estimated completion June 2015
Remaining/Planned Expenditures		\$ 437,117		\$ 437,117	\$ -	Includes funding reserved for potential future Council Actions for completion of Loop 12 and MLK Jr. Gateways.
<b>Sub-Total - Great Trinity Forest/Park</b>		<b>\$ 73,247,311</b>	<b>\$ 73,717,352</b>	<b>\$ 542,723</b>	<b>\$ 550</b>	

Trinity River Corridor Bond Program Expenditure Report

Project Components	Bond Program Description	TOTAL	Expended / Encumbered (as of June 30, 2016)	Remaining / Planned Expenditures	Remaining Amount Private Funds	Comments
<b>Dallas Floodway Extension</b>	<b>Prop 11 (Trinity River)</b>					
Master Implementation Plan		\$ 296,200	\$ 296,200			
Project Cooperation Agreement (Corps)		\$ 13,000,000	\$ 13,000,000			
Land Acquisition and related costs		\$ 7,335,839	\$ 6,923,933	\$ 411,906	\$ 411,906	Corps of Engineering Funding
Lower Chain of Wetlands		\$ 42,691,522	\$ 42,691,522			Corps of Engineering Funding
Upper Chain of Wetlands Construction (Cells B & C)		\$ 19,333,285	\$ 19,333,285			Corps of Engineering Funding
Remaining/Planned Expenditures		\$ 443,420		\$ 443,420	\$ -	- Includes funding reserved for potential future Council Actions including contingency funding for Upper Chain of Wetlands Remediation.
<b>Sub-Total - Dallas Floodway Extension</b>		<b>\$ 83,100,266</b>	<b>\$ 82,244,940</b>	<b>\$ 855,326</b>	<b>\$ 411,906</b>	
<b>Trinity Parkway</b>	<b>Prop 11 (Trinity River) and Prop 01 (Street &amp; Transportation)</b>					
NTTA - Environmental Impact Statement		\$ 15,810,630	\$ 15,810,630			
Land Acquisition		\$ 17,801,178	\$ 17,801,178			Majority S. M Wright project
Lakes/Parkway Design		\$ 4,843,197	\$ 4,843,197	\$ -		Phase I Design 95% complete
Cedar Crest Bridge - Ramp to park		\$ 2,000,000	\$ 2,000,000			
Remaining/Planned Expenditures		\$ 36,352,984		\$ 36,352,984	\$ -	- Includes funding reserved for potential future Council Actions including \$2M for EIS \$100K for Geotech Re-evaluation, \$18.4M for Parkway "borrow area" construction, \$2.0M for ramp to Trinity Park from Houston/Jefferson Bridge, \$2.0M for ramp to Trinity Park from Sylvan Avenue Bridge, \$5.3M for Parkway Wetlands Mitigation, and \$7M for NTTA ILA or to facilitate additional Parkway "borrow area" construction.
<b>Sub-Total - Trinity Parkway</b>		<b>\$ 76,807,989</b>	<b>\$ 40,455,005</b>	<b>\$ 36,352,984</b>	<b>\$ -</b>	*
<b>Elm Fork Flood Protection</b>	<b>Prop 11 (Trinity River)</b>					
Drainage Master Plan		\$ 597,993	\$ 597,993			
Land Acquisition (Soccer Complex)		\$ 29,060,732	\$ 29,060,732			2006 Bond Program (PKR) funding. Project completed July 2008.Reprogrammed Flood funding to Elm Soccer Complex (Monevaram ) \$14.3M
Design		\$ 2,434,960	\$ 2,434,960			
Joint Use Maintenance Trails		\$ 2,625,000	\$ 2,625,000			Cost share to Corps for Dallas Floodway Extension Projects \$2.625M
Remaining/Planned Expenditures		\$ 9,587,360		\$ 9,587,360	\$ -	- Reprogrammed for City's cost share for DFE (,2015) \$9.6M
<b>Sub-Total - Elm Fork</b>		<b>\$ 44,306,045</b>	<b>\$ 34,718,685</b>	<b>\$ 9,587,360</b>	<b>\$ -</b>	*

Trinity River Corridor Bond Program Expenditure Report

Project Components	Bond Program Description	TOTAL	Expended / Encumbered (as of June 30, 2016)	Remaining / Planned Expenditures	Remaining Amount Private Funds	Comments
<b>Beckley Avenue Improvements</b>	<b>Prop 11 (Trinity River)</b>					Estimated Complete 10/28/2016
<i>Design</i>		\$ 808,150	\$ 808,150			1995 Bond Program funding
<i>Right-of-way Acquisition</i>		\$ 359,863	\$ 359,863			
<i>Construction</i>		\$ 4,956,787	\$ 4,964,879	\$ (8,092)		
<i>Remaining/Planned Expenditures</i>		\$ -		\$ -	\$ -	- Includes funding reserved for potential future Council Actions for contingency funding for completion of Beckley Avenue Improvements.
<b>Sub-Total - Beckley Avenue Improvements</b>		<b>\$ 6,124,800</b>	<b>\$ 6,132,892</b>	<b>\$ (8,092)</b>	<b>\$ -</b>	*
TRCP Comprehensive Land Use Plan	<b>Prop 11 (Trinity River)</b>	\$ 1,090,192	\$ 1,090,188	\$ 4	\$ -	- Funded with Trinity Proposition bond interest earnings. Complete 06/28/2000
East Levee Transmission Line Relocation	<b>Prop 11 (Trinity River)</b>	\$ 1,966,283	\$ 1,966,283	\$ -	\$ -	- Funded with Trinity Proposition bond interest earnings. Planned expenditures for additional costs related to relocation of East Levee Norwood Transmission Line.
West Levee Norwood Transmission Line (Oncor)	<b>Prop 11 (Trinity River)</b>	\$ 1,084,421	\$ 1,084,421	\$ -	\$ -	- Funded with Trinity Proposition bond interest earnings.
Implementation Costs FY 1999-2014	<b>Prop 11 (Trinity River)</b>	\$ 20,412,709	\$ 19,018,969	\$ 1,393,740		Funded with Trinity Proposition bond interest earnings. Includes reimbursement to General Fund for Trinity River Corridor Project implementation costs including staff and
<b>Total 1998 Bond Program</b>		<b>\$ 386,451,543</b>	<b>\$ 327,007,188</b>	<b>\$ 59,820,526</b>	<b>\$ 412,456</b>	
<b>2006 Bond Program</b>						
Continental - Industrial/Riverfront to IH 35E	<b>Prop 01 (Street &amp; Transportation)</b>	\$ 5,870,362	\$ 4,708,138	\$ 1,162,224	\$ -	- * Project under construction. Estimated completion April 2016. Transferred unencumbered 2003 and 2006 Bond Funds.
Industrial/Riverfront Improvements	<b>Prop 01 (Street &amp; Transportation)</b>	\$ 3,229,787	\$ 3,264,954	\$ (35,167)	\$ -	- * Project under construction. Estimated completion December 2016.
Sylvan Bridge from Irving to Gallagher - Amenities	<b>Prop 01 (Street &amp; Transportation)</b>	\$ 9,627,548	\$ 9,283,003	\$ 344,545	\$ -	- *Project completed 2014
Pressure Sewers	<b>Prop 02 (Flood &amp; Storm Drainage)</b>	\$ 5,542,854	\$ 642,240	\$ 4,900,614	\$ -	- On hold
Hampton-Oak Lawn Improvements (Baker Pump Station)	<b>Prop 02 (Flood &amp; Storm Drainage)</b>	\$ 59,608,365	\$ 59,265,205	\$ 343,160	\$ -	- * Project under construction. Estimated completion June 2015. Additional 2006 Bond Funds - Est. Complete Time 08/2016
Pavaho Sump Improvements	<b>Prop 02 (Flood &amp; Storm Drainage)</b>	\$ 38,100,971	\$ 38,099,497	\$ 1,474	\$ -	- *Transferred Reserve 2006 Bond Funds.
Sump A Improvements	<b>Prop 02 (Flood &amp; Storm Drainage)</b>	\$ 10,158,925	\$ 1,156,468	\$ 9,002,457	\$ -	- *A portion of the 2006 Bond Funds were reprogrammed (CR 09-1498) to fund necessary levee improvements. Est. Complete 11/30/2017
Levee Improvements	<b>Prop 02 (Flood &amp; Storm Drainage)</b>	\$ 40,403,466	\$ 40,402,679	\$ 787	\$ -	- 2006 Bond Funds were reprogrammed (CR09-1498) to fund necessary levee improvements. Complete 01/30/2011
Dallas Floodway Levee Land Acquisition	<b>Prop 02 (Flood &amp; Storm Drainage)</b>	\$ 549,200	\$ 351,894	\$ 197,306	\$ -	- Property acquisition for Dallas Floodway. Transferred Reserve 2006 Bond Funds.

Trinity River Corridor Bond Program Expenditure Report

Project Components	Bond Program Description	TOTAL	Expended / Encumbered (as of June 30, 2016)	Remaining / Planned Expenditures	Remaining Amount Private Funds	Comments
Belleview Trail Connector	Prop 03 Park & Recreation Facilities)	\$ 186,719	\$ 186,719	\$ -	\$ -	- Funding reprogrammed (CR 09-2781) to Trinity Standing Wave.
Reunion Gateway Land	Prop 03 Park & Recreation Facilities)	\$ 12,391	\$ 12,391	\$ -	\$ -	- Funding reprogrammed (CR 09-2781) to Trinity Standing Wave.
IH-30 Bridge	Prop 01 (Street & Transportation)	\$ 32,606,624	\$ 32,552,444	\$ 54,180	\$ 39,315	* Transferred 2003 and 2006 Bond Program funding, Dallas County funding, private funding, and interest from private fundina. Estimated Complete 03/01/2017
Continental Pedestrian Modifications	Prop 03 Park & Recreation Facilities)	\$ 9,906,000	\$ 8,719,572	\$ 1,186,428	\$ 1,186,427	* Project completed June 2014 Private funding Reprogramming remaining private funds to IH30 Bridge per donor
West Dallas Gateway Park	Prop 03 Park & Recreation Facilities)	\$ 1,710,000	\$ 1,709,914	\$ 86	\$ -	- Project completed June 2014
Trinity Strand (Old Trinity Trail Phase II)	Prop 03 Park & Recreation Facilities)	\$ 602,198	\$ 580,337	\$ 21,861	\$ -	- Projected completed in 2014
Elm Fork Trail	Prop 03 Park & Recreation Facilities)	\$ 191,586	\$ 191,586	\$ -	\$ -	- 2006 Bond Funds were reprogrammed to the Elm Fork Soccer Complex
<b>Total 2006 Bond Program</b>		<b>\$ 218,306,996</b>	<b>\$ 201,127,041</b>	<b>\$ 17,179,955</b>	<b>\$ 1,225,742</b>	<b>Project list includes projects with some connection to the Trinity River Corridor Project.</b>
<b>2012 Bond Program</b>						
Sump A Improvements	Prop 02 (Flood & Storm Drainage)	\$ 91,700,000	\$ 75,270,250	\$ 16,429,750		* Project under construction. Estimated completion 2017.
Trinity River Trail from Sylvan to Moore Park	Prop 01 (Street & Transportation)	\$ 4,963,437	\$ 4,100,145	\$ 863,292		Phase I of the project completed - Under construction estimated complete date 06/30/2016
<b>Total 2012 Bond Program</b>		<b>\$ 96,663,437</b>	<b>\$ 79,370,395</b>	<b>\$ 17,293,042</b>	<b>\$ -</b>	<b>Project list includes projects with some connection to the Trinity River Corridor Project.</b>



**Public Works - Major Street Projects  
Detailed Expenditure Report**

Based primarily on the June 30, 2016 Fund/Unit Summary Report

Unit	Project Components	Bond Program Authorized Amount	Current Bond Funding (as of 6-30-16)	Additional City, Grant, or Private Funding	TOTAL	Expended / Encumbered (as of 6-30-16)	Remaining / Planned Expenditures	Comments
<b>INTERGOVERNMENTAL PARTNERSHIP PROJECTS</b>								
* P629/ P786	Modern Streetcar System Development Program	\$ -	\$ -	\$ 41,800,000	\$ 41,800,000	\$38,411,662	\$ 3,388,338	State and Federal Funding; Project is substantially complete.
* 1683, 1684, 1685	Modern Streetcar-Northern and Southern Extensions		\$ 1,500,000	\$ 30,872,531	\$ 32,372,531	\$32,267,000	\$ 105,531	Texas Mobility Funding; On June 17 2015 Council authorized the disbursement of funds for construction of extensions to the streetcar project and for 2 additional vehicles.
* P653	Katy Trail Extension - Phase VI	\$ -	\$ 9,087,554	\$ 7,480,000	\$ 16,567,554	\$16,079,561	\$ 487,993	City, County and State Funding; Construction was awarded on August 12, 2015.
* U236	Walnut Hill from Malibu to Soccer Complex	\$ 3,573,640	\$ 4,258,863		\$ 4,258,863	\$ 4,129,559	\$ 129,304	Partnership project with Dallas County to design and construct 4 lane divided roadway that extends just past the planned Parks Dept. soccer complex.
* S403	Mountain Creek Parkway from South of Eagle Ford to Clark Rd.	\$ 6,701,000	\$ 5,325,000	\$ -	\$ 5,325,000	\$ 5,325,000	\$ -	Dallas County is the lead agency to administer design, construction, and ROW of this project; Project is under construction.
* P655/ S401	Keller Springs/Preston/ Westgrove Roundabout	\$ 306,100	\$ 892,415	\$ 342,043	\$ 1,234,458	\$ 1,234,458	\$ -	City and County Funding. Project awarded on June 17, 2015.
* P640	Riverfront from UPRR to Parkhouse (Segment A)	\$ -	\$ -	\$ 29,127,713	\$ 29,127,713	\$ 6,362,808	\$ 22,764,905	State Funding. Segment B will be completed by Dallas County.
<b>THOROUGHFARES</b>								
* U779	Central Boulevard -Commerce to Live Oak (part of Cesar Chavez project)	\$ 12,619,900	\$ 14,219,453		\$ 14,219,453	\$ 14,202,524	\$ 16,929	Project is under construction; PBW staff is working closely with Park Dept and Design Studio regarding proposed changes to the Pearl alignment/cross-section and other roadway modifications in order to accommodate proposed changes/upgrades to Carpenter Park.
* U791	Live Oak-Olive to Central Blvd (part of Cesar Chavez project)	\$ 475,760	\$ 477,760		\$ 477,760	\$ 108,165	\$ 369,595	Project is under construction; PBW staff is working closely with Park Dept and Design Studio regarding proposed changes to the Pearl alignment/cross-section and other roadway modifications in order to accommodate proposed changes/upgrades to Carpenter Park.
* U798	Pearl-Commerce to Live Oak (part of Cesar Chavez project)	\$ 4,336,191	\$ 4,425,518		\$ 4,425,518	\$ 3,255,118	\$ 1,170,400	Project is under construction; PBW staff is working closely with Park Dept and Design Studio regarding proposed changes to the Pearl alignment/cross-section and other roadway modifications in order to accommodate proposed changes/upgrades to Carpenter Park.
* P796	Cleveland Rd-Bonnie view Rd., to West of BNSF RR		\$ 2,882,505		\$ 2,882,505	\$ 2,881,776	\$ 729	Project is under construction.
* R803	Community-Harry Hines to N.W. Hwy.	\$ 2,200,000	\$ 1,118,447		\$ 1,118,447	\$261,074.00	\$ 857,373	Project is under design.

Additional Projects Added Upon Request

Asterick Denotes an Update from Previous Report

**Public Works - Major Street Projects  
Detailed Expenditure Report**

Based primarily on the June 30, 2016 Fund/Unit Summary Report

Unit	Project Components	Bond Program Authorized Amount	Current Bond Funding (as of 6-30-16)	Additional City, Grant, or Private Funding	TOTAL	Expended / Encumbered (as of 6-30-16)	Remaining / Planned Expenditures	Comments
* P767	Telephone Road Phase II		\$ 4,139,557	\$ 324,086	\$ 4,463,643	\$ 4,462,434	\$ 1,209	City and Private Funding; Project is under construction.
<b>STREETSCAPE/URBAN DESIGN</b>								
* P791	Colorado Blvd-Beckley Area Sidewalk Enhancement		\$ 1,601,324		\$ 1,601,324	\$ 250,681	\$ 1,350,643	Project is under design.
* U738	Griffin from IH30 to Main	\$ 5,253,548	\$ 3,765,756		\$ 3,765,756	\$ 3,753,166	\$ 12,590	Project is under construction.
<b>TARGET NEIGHBORHOOD</b>								
* S608	Mican Dr. from Schofield Dr. to End of Pavement	\$ 497,000	\$ 497,000		\$ 497,000	\$ 106,730	\$ 390,270	Project is under design. Construction scheduled for award September, 2016.
<b>COMPLETE STREET</b>								
* S405	Davis Street from Beckley to Hampton	\$ 979,600	\$ 277,621		\$ 277,621	\$ 276,957	\$ 664	Project is under design.
* S394	Greenville from Belmont to Bell from Alta to Ross	\$ 3,673,500	\$ 3,742,824		\$ 3,742,824	\$ 3,523,176	\$ 219,648	Construction awarded June 17, 2015.
* S397	Main St. from Good Latimer to Exposition	\$ 734,700	\$ 730,200		\$ 730,200	\$ 69,760	\$ 660,440	Project is under design.

**Department Of Aviation**  
**Quarterly Activity Report**  
**FY 2015-2016 3rd Quarter**

<b>Expenses</b>	<b>FY 2015-16 Budget</b>	<b>FY 2015-16 YTD</b>	<b>FY 2015-16 % of Budget</b>	<b>FY 2015-16 Estimate</b>	<b>FY 2015-16 % of Estimate</b>	<b>Over / (Under) Budget</b>
Salaries & Benefits	\$ 15,624,655	\$ 10,285,846	66%	\$ 14,029,796	73%	\$ (1,594,859)
Supplies / Materials	\$ 7,891,653	\$ 4,377,831	55%	\$ 7,774,909	56%	\$ (116,744)
Services / Charges	\$ 74,811,932	\$ 49,396,553	66%	\$ 78,320,087	63%	\$ 3,508,155
Capital Outlay	\$ 2,127,500	\$ 2,245,314	106%	\$ 2,843,294	79%	\$ 715,794
Reimbursements	\$ (6,579,773)	\$ (2,051,378)	31%	\$ (6,613,460)	31%	\$ (33,687)
<b>Total Expenses</b>	<b>\$ 93,875,967</b>	<b>\$ 64,254,166</b>	<b>68%</b>	<b>\$ 96,354,626</b>	<b>67%</b>	<b>\$ 2,478,659</b>

<b>Revenues</b>	<b>FY 2015-16 Budget</b>	<b>FY 2015-16 YTD</b>	<b>FY 2015-16 % of Budget</b>	<b>FY 2015-16 Estimate</b>	<b>FY 2015-16 % of Estimate</b>	<b>Over / (Under) Budget</b>
Interest	\$ 84,064	\$ 137,887	164%	\$ 137,887	100%	\$ 53,823
Building Use Fee - CBP	\$ 450,000	\$ 261,950	58%	\$ 450,000	58%	\$ -
Rental and Maint. - Tenants	\$ 843,758	\$ 79,438	9%	\$ 843,758	9%	\$ -
Security Charges	\$ 186,638	\$ 153,985	83%	\$ 186,638	83%	\$ -
Rental Off Airport	\$ 117,100	\$ 619,681	529%	\$ 1,772,975	35%	\$ 1,655,875
Landing Fees	\$ 17,784,135	\$ 12,121,394	68%	\$ 17,784,135	68%	\$ -
Parking Concessions	\$ 27,443,135	\$ 18,498,237	67%	\$ 26,375,009	70%	\$ (1,068,126)
Terminal Concessions	\$ 22,422,807	\$ 19,109,050	85%	\$ 23,912,068	80%	\$ 1,489,261
Fuel Flow Fees	\$ 1,225,397	\$ 858,200	70%	\$ 1,287,493	67%	\$ 62,096
Terminal Maint. - Utilities	\$ 224,676	\$ 194,548	87%	\$ 234,145	83%	\$ 9,469
Rental On Airport	\$ 22,898,284	\$ 14,943,351	65%	\$ 22,502,206	66%	\$ (396,078)
Cable Installation - ASM	\$ 150,000	\$ 172,511	115%	\$ 187,738	92%	\$ 37,738
Miscellaneous	\$ 45,974	\$ 563,785	1226%	\$ 692,374	81%	\$ 646,400
Misc./ Other	\$ 504,714	\$ 1,068,731	0%	\$ 1,252,144	85%	\$ 747,430
<b>Total Revenues</b>	<b>\$ 93,875,968</b>	<b>\$ 67,714,017</b>	<b>72%</b>	<b>\$ 96,366,426</b>	<b>70%</b>	<b>\$ 2,490,458</b>

**Operations**

<b>Carrier Type</b>	<b>Total CYTD</b>		<b>% Change</b>	<b>3rd Quarter FYTD Comparison</b>		
	<b>2016</b>	<b>2015</b>		<b>2016</b>	<b>2015</b>	<b>% Change</b>
Air Carrier	68,889	61,036	13%	104,103	88,459	18%
Air Taxi	12,354	13,897	-11%	18,686	22,084	-15%
General Aviation	29,436	27,993	5%	45,446	43,019	6%
Military	493	378	30%	722	549	32%
<b>Total Operations</b>	<b>111,172</b>	<b>103,304</b>	<b>7.62%</b>	<b>168,957</b>	<b>154,111</b>	<b>9.63%</b>

**Passengers**

<b>Carrier</b>	<b>Total CYTD</b>		<b>% Change</b>	<b>3rd Quarter FYTD Comparison</b>		
	<b>2016</b>	<b>2015</b>		<b>2016</b>	<b>2015</b>	<b>% Change</b>
Delta Airlines	82,187	78,411	5%	122,674	107,366	14%
Seaport Airlines	-	1,377	-100%	-	2,017	-100%
Skywest Airlines	-	251	-100%	-	251	0%
Southwest Airlines	3,515,362	3,035,243	16%	5,328,134	4,354,431	22%
United Airlines	-	17,357	-100%	52	39,437	-100%
Virgin America	246,028	205,770	20%	390,200	284,856	37%
Other	-	-	0%	-	-	0%
<b>Total DAL Passengers</b>	<b>3,843,577</b>	<b>3,338,409</b>	<b>15.13%</b>	<b>5,841,060</b>	<b>4,788,358</b>	<b>21.98%</b>

## Department Of Aviation Quarterly Activity Report

Top Operations Projects		
1	Storm Water Outfall Control Repairs and Service Contract - completing repairs and developing an SOP for routine maintenance and emergency repairs.	
2	DAL Perimeter Fence Replacement - Replacing existing chain-link fence with wrought iron style fencing material.	
3	Airfield Electronic Monitoring / Logging System (AEMLS) - Secure an electronic system to record and manage various airport functions to include: FAR 139 inspection procedures, Department work order system, Property Lease Management, and Asset Management.	
4	Aircraft ID & Fee Billing/Collection Solution - Procurement of a system for positively identifying aircrafts departing DAL and using the Customs (CBP) facility.	
5	Request for Competitive Sealed Proposal (RFCSP) - Access Control Maintenance Contract - Develop a contract to maintain existing Airport Access Control System/Closed Caption TV (AACs/CCTV) System, and provide future upgrades.	
6	Painting Contract - Develop a painting contract for services within Air Operations Area (AOA)	
Top Capital Projects		Estimated Costs
1	<b>Security Controls Enhancements (Design) CIP FY15</b> Airfield security enhancements to install drop arm crash beam barriers and fence hardening at various location on the exterior security fence at Dallas Love Field.	\$ 1,032,119
2	<b>Rehabilitate TW B from B1 to B3 and Connectors B3 &amp; B4 (Design) CIP FY15</b> This project is part of the airport's on-going pavement management program: this area of the airfield has been identified through a 2014 FAA funded pavement analysis for rehabilitation.	\$ 912,560
3	<b>Rehabilitate RW 18-36 Intersections with TW P &amp; C and Remove TW J (Design) CIP FY15</b> This project is part of the airport's on-going pavement management program: this area of the airfield has been identified through a 2014 FAA funded pavement analysis for rehabilitation.	\$ 611,330
4	<b>Runway 18/36 Conversion Project FY 15</b> This project addresses converting a FAA non-compliant runway into a taxiway. Design for the conversion of Runway 13-36 and its connectors to a Taxiway, including basic and special services needed to complete the project.	\$ 817,421
5	<b>Taxicab Queuing Lot over Tom Braniff Channel (Design)</b> This addresses the need to expand the taxi queue lot adjacent to the Tom Braniff channel. The existing open channel is 1200'x50'x12' with Anslay Avenue crossing over the channel dividing it into two segments. It is the intent of this project to cover the open channel at grade level, use cover for the taxi queue parking while examining opportunities to improve access to the neighboring Sallyport.	\$ 245,597
6	<b>Full Depth Concrete Repairs - Airfield (Design)</b> On-going airfield pavement projects to include evaluation, design and prepare construction documents to repair various concrete panels that have demonstrated distress to constant aircraft operations.	\$ 48,840
7	<b>Sentinel Thermal-Optical Bird Detection System</b> Detect birds at approach and departure corridors and at Bachman Lake, detect Drones operating in the vicinity of the airport, monitor ground movement of aircraft and vehicles in reduced visibility conditions, enhanced visibility conditions during airport emergency situations, detect wildlife and/or an intruder moving within the airport perimeter.	\$ 1,500,000
8	<b>Job Order Contracting</b> Love Hub Parking; structural deck repairs and waterproofing, ground level alterations and repairs at entrances and exits. Ground transportation office improvements. Dallas Executive rain canopies, Emergency Generator enclosure, Boiler Room Generator, and Fuel Canopy Cover at airfield maintenance facility.	\$ 110,270
9	<b>Runway Holding Position Relocation (Construction) CIP FY15</b> The purpose of this project is to relocate aircraft holding position signage and markings on taxiways intersecting Runways 13L-31R and 13R-31L so that they are in compliance with criteria contained in current FAA Advisory Circulars.	\$ 2,024,174
10	<b>2,000 Gal Above Ground Storage Tank</b> Design and construction of a 2,000 above ground storage tank for the airfield maintenance facility. This will enable maintenance personnel to have access to fuel airfield equipment on site.	\$ 414,802
11	<b>Design/Build - Police Helicopter Hangar (Executive Airport)</b> The project is intended to enhance the Dallas Executive Airport by the development and construction of a Helicopter Hangar, landing pad, fueling facility and accompanying Police hangar complex. The Dallas Police Helicopter Pad facility will include all existing and future physical improvements necessary.	\$ 5,001,813
12	<b>Love Field Pavement Evaluation</b> The purpose of this project is to take a comprehensive look at the airfield pavement through testing, investigation, and non-destructive means and methods. This includes pavement condition assessment, performing field and laboratory testing, determine remaining service life calculations, recommend improvement projects, implementation of the pavement management plan, and cost estimates.	\$ 1,320,900
<b>Total Estimate:</b>		<b>\$ 14,039,826</b>

# Memorandum



CITY OF DALLAS

**DATE** August 5, 2016

**TO** Honorable Members of the Transportation and Trinity River Project Committee: Lee Kleinman (Chair), Erik Wilson (Vice Chair), Sandy Greyson, Monica R. Alonzo, Adam Medrano, Casey Thomas II

**SUBJECT** **Upcoming Agenda item on the August 10, 2016 Council Agenda – Authorize a contract with HNTB Corporation to provide Engineering Services for the Runway 31R Glideslope Relocation Project at Dallas Love Field.**

On Monday, **August 8, 2016**, the Transportation and Trinity River Project Committee will be briefed on the contract with HNTB Corporation to provide Engineering Services for the Runway 31R Glideslope Relocation Project at Dallas Love Field.

The purpose of the project is to relocate the Runway 31R Glideslope which will optimize Taxiway Mike by opening it up to its full length.

HNTB services consists of identifying the most advantageous location for the glideslope at Love Field. Included in this contract are the design of all physical improvements necessary for the relocation of the glideslope, coordination with the Federal Aviation Administration, and minor pavement improvements to Taxiway Mike.

This contract will also provide the design services needed to develop construction documents that will be used to advertise for a contractor. Construction administration services will be scoped with this consultant and brought to Council for their approval at the same time as the construction project.

The Council Resolution and the Agenda Information Sheet are attached for your review.

Please feel free to contact me if you have questions or need additional information.

A handwritten signature in black ink that reads "Jill Jordan".

Jill A. Jordan, P.E.  
Assistant City Manager

Attachment

- |   |   |
|---|---|
| <b>c:</b> Honorable Mayor and Members of the City Council | Eric D. Campbell, Assistant City Manager                    |
| A. C. Gonzalez, City Manager                              | Mark McDaniel, Assistant City Manager                       |
| Chris Bowers, Interim City Attorney                       | Joey Zapata, Assistant City Manager                         |
| Craig D. Kinton, City Auditor                             | Jeanne Chipperfield, Chief Financial Officer                |
| Rosa A. Rios, City Secretary                              | Sana Syed, Public Information Officer                       |
| Daniel F. Solis, Administrative Judge                     | Elsa Cantu, Assistant to the City Manager – Mayor & Council |
| Ryan S. Evans, First Assistant City Manager               | Rick Galceran, P.E., Director, Public Works                 |

**KEY FOCUS AREA:** Economic Vibrancy

**AGENDA DATE:** August 10, 2016

**COUNCIL DISTRICT(S):** 2

**DEPARTMENT:** Public Works Department  
Aviation

**CMO:** Jill A. Jordan, P.E., 670-5299  
Ryan S. Evans, 671-9837

**MAPSCO:** 33D H; 34A E F J K

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**SUBJECT**

Authorize a professional services contract with HNTB Corporation, most advantageous proposer of three, to provide engineering services for the Runway 31R Glideslope Relocation Project at Dallas Love Field - Not to exceed \$632,602 - Financing: Aviation Capital Construction Funds

**BACKGROUND**

This action will authorize an engineering services contract with HNTB Corporation, highest-ranked proposer of five, to provide engineering services necessary for the Runway 31R Glideslope Relocation Project at Dallas Love Field. A Glideslope is an antenna/slope planes use to land on a runway. It provides critical information regarding the slope that planes cannot go below while landing.

The Runway 31R Glideslope Relocation Project consists of identifying the most advantageous location for the Glideslope currently located on the closed section of Taxiway "M". Included in this contract are all physical improvements necessary for the relocation of the Glideslope. The professional engineering services under this contract will perform all the necessary design and citing studies needed to identify the new location of the Glideslope. Minor pavement improvements to Taxiway M will also be developed as part of this contract allowing Dallas Love Field to open the taxiway.

The existing Runway 31R Glideslope was installed in 1983 on Taxiway M, necessitating the closure of a portion of that taxiway. Field investigations and the recent pavement evaluation performed on this pavement indicates it has over a 10-year remaining life span, therefore no significant reconstruction is anticipated. Taxiway M requires minor pavement rehabilitation and modifications to its lights, signage and markings in order to bring the taxiway up to current Federal Aviation Administration standards.

**ESTIMATED SCHEDULE OF PROJECT**

Begin Design September 2016  
Complete Design October 2017

**PRIOR ACTION / REVIEW (COUNCIL, BOARDS, COMMISSIONS)**

Information about this item will be provided to the Transportation and Trinity River Project Committee on August 8, 2016.

**FISCAL INFORMATION**

Aviation Capital Construction Funds - \$632,602.00

**M/WBE INFORMATION**

See attached.

**ETHNIC COMPOSITION**

HNTB Corporation

Hispanic Female	5	Hispanic Male	6
African-American Female	3	African-American Male	3
Other Female	3	Other Male	6
White Female	25	White Male	45

**PROPOSAL INFORMATION**

The Request for Qualifications for Engineering Services for the Runway 31R Glideslope Relocation Project at Dallas Love Field was advertised on December 2015. Five firms submitted Statements of Qualifications on January 22, 2015. The selection committee short-listed the three highest ranked firms and interviews were held on February 24, 2016. The proposers were ranked as follows:

<b><u>Proposer</u></b>	<b><u>Rank</u></b>
HNTB Corporation	1
Jacobs Engineering Group, Inc	2
Kimley Horn and Associates, Inc.	3

**PROPOSAL INFORMATION** (Continued)

The proposals were evaluated according to the criteria published in the Request for Qualifications and the Request for Proposals. These criteria with respective weights were as follows:

Criteria 1 - Qualifications & Experience	25 points
Criteria 2 - Key Personnel	30 points
Criteria 3 - Understanding and Approach	15 points
Criteria 4 - Schedules and Budgets	15 points
Criteria 5 - Past performance and history of complying with DBE goals	15 points

**OWNER**

**HNTB Corporation**

Kevin L. Wallace, P.E., Vice President

**MAP**

Attached.



## **BUSINESS INCLUSION AND DEVELOPMENT PLAN SUMMARY**

**PROJECT:** Authorize a professional services contract with HNTB Corporation, most advantageous proposer of three, to provide engineering services for the Runway 31R Glideslope Relocation Project at Dallas Love Field - Not to exceed \$632,602 - Financing: Aviation Capital Construction Funds

HNTB Corporation is a local, non-minority firm, has signed the "Business Inclusion & Development" documentation, and proposes to use the following sub-contractors.

**PROJECT CATEGORY:** Architecture & Engineering

### LOCAL/NON-LOCAL CONTRACT SUMMARY

	<u>Amount</u>	<u>Percent</u>
Total local contracts	\$393,392.00	62.19%
Total non-local contracts	\$239,210.00	37.81%
<b>TOTAL CONTRACT</b>	<b>\$632,602.00</b>	<b>100.00%</b>

### LOCAL/NON-LOCAL M/WBE PARTICIPATION

#### Local Contractors / Sub-Contractors

<u>Local</u>	<u>Certification</u>	<u>Amount</u>	<u>Percent</u>
ARS Engineering Inc.	IMDB14605Y0517	\$77,289.00	19.65%
<b>Total Minority - Local</b>		<b>\$77,289.00</b>	<b>19.65%</b>

#### Non-Local Contractors / Sub-Contractors

<u>Non-local</u>	<u>Certification</u>	<u>Amount</u>	<u>Percent</u>
Aviation Alliance Inc.	WFDB85002Y0517	\$171,174.00	71.56%
Williams CM Group	WFDB33386Y0717	\$30,000.00	12.54%
<b>Total Minority - Non-local</b>		<b>\$201,174.00</b>	<b>84.10%</b>

### TOTAL M/WBE CONTRACT PARTICIPATION

	<u>Local</u>	<u>Percent</u>	<u>Local &amp; Non-Local</u>	<u>Percent</u>
African American	\$0.00	0.00%	\$0.00	0.00%
Hispanic American	\$0.00	0.00%	\$0.00	0.00%
Asian American	\$77,289.00	19.65%	\$77,289.00	12.22%
Native American	\$0.00	0.00%	\$0.00	0.00%
WBE	\$0.00	0.00%	\$201,174.00	31.80%
<b>Total</b>	<b>\$77,289.00</b>	<b>19.65%</b>	<b>\$278,463.00</b>	<b>44.02%</b>

August 10, 2016

**WHEREAS**, the existing Glideslope for Runway 31R at Dallas Love Field is physically located on a closed portion of Taxiway M; and

**WHEREAS**, the Department of Aviation is looking to maximize operational efficiency at Dallas Love Field; and,

**WHEREAS**, relocating the existing Glideslope will open Taxiway M to its full length and maximize the operational capacity of the taxiway; and

**WHEREAS**, the Public Works Department employed the two-step Request for Qualifications/ Request for Proposals selection process in accordance with City of Dallas and Federal Aviation Administration procurement guidelines for professional services; and,

**WHEREAS**, a Request for Qualifications solicitation was developed and publically advertised for professional engineering services necessary for the design of the relocation of the 31R Glideslope and open Taxiway M; and,

**WHEREAS**, five firms submitted qualifications and the three short-listed firms, based on the selection committee evaluation criteria, were issued a Request for Proposal; and,

**WHEREAS**, three firms submitted proposals and interviewed to provide engineering services for the Runway 31R Glideslope Relocation Project at Dallas Love Field Airport; and,

**WHEREAS**, HNTB Corporation was selected as the most qualified proposer of the three proposers based on the selection committee evaluation criteria and,

**WHEREAS**, it is now desirable to authorize a professional services contract with HNTB Corporation, most advantageous proposer of three, to provide engineering services for Runway 31R Glideslope Relocation Project at Dallas Love Field Airport - Not to exceed \$632,602.00.

**Now, Therefore,**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DALLAS:**

**Section 1.** That the City Manager is hereby authorized to execute a professional services contract with HNTB Corporation, most advantageous proposer of three, to provide engineering services for the Runway 31R Glideslope Relocation Project at Dallas Love Field - Not to exceed \$632,602.00 after it has been approved as to form by the City Attorney.

August 10, 2016

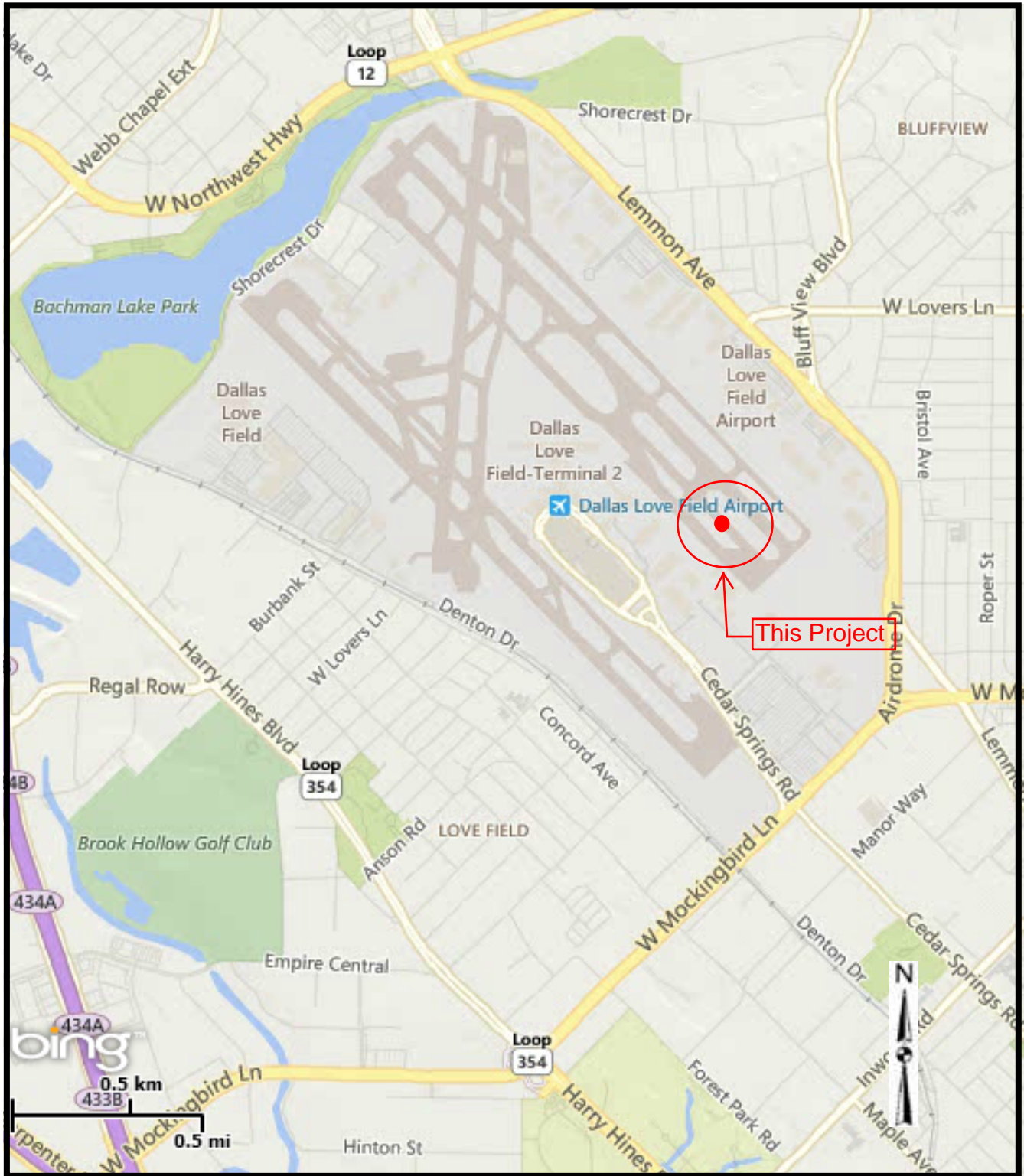
**Section 2.** That the City will apply for Passenger Facility Charge (PFC) funding at a later date for the eligible design (\$632,602) of the Runway 31R Glideslope Relocation Project; and upon approval of the PFC for this project, the Chief Financial Officer is hereby authorized to transfer an amount not to exceed (\$632,602) from the PFC Fund 0477, Dept. AVI, Balance Sheet Account 0001 to the Aviation Capital Construction Funds 0131, Dept. AVI, Balance Sheet Account 0001. The transfer of cash is contingent upon approval of the Passenger Facility Charge (PFC) Funds by the Federal Aviation Administration.

**Section 3.** That the Chief Financial Officer is hereby authorized to disburse funds in accordance with the terms and conditions of the contract from:

Aviation Capital Construction Fund  
Fund 0131, Dept. AVI, Unit W022, Act. AAIP,  
Obj. 4111, Program: AVIW022, CTAVIW022HNTBFY16, Comm. 92500  
Vendor #352433, in an amount not to exceed \$632,602.00

**Section 4.** That this resolution shall take effect immediately from and after its passage in accordance with the provisions of the Charter of the City of Dallas, and it is accordingly so resolved.

# GLIDESLOPE RELOCATION PROJECT DALLAS LOVE FIELD



## DALLAS LOVE FIELD

33DH; 34AEFJK

**KEY FOCUS AREA:** Economic Vibrancy

**AGENDA DATE:** August 10, 2016

**COUNCIL DISTRICT(S):** 4, 6

**DEPARTMENT:** Public Works Department  
Water Utilities

**CMO:** Jill A. Jordan, P.E., 670-5299  
Mark McDaniel, 670-3256

**MAPSCO:** 42H M 54Z 55W

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**SUBJECT**

Authorize **(1)** street paving, storm drainage, water and wastewater main improvements for Street Group 12-458; provide for partial payment of construction cost by assessment of abutting property owners; an estimate of the cost of the improvements to be prepared as required by law (list attached); and **(2)** a benefit assessment hearing to be held on September 28, 2016, to receive comments - Financing: No cost consideration to the City

**BACKGROUND**

Arizona Avenue from Kiest Boulevard to Saner Avenue, McVey Avenue from Seevers Avenue to Marsalis Avenue, and Mican Drive from Schofield Drive to dead-end were approved in the 2012 Bond Program as Target Neighborhood Projects. Professional service contracts for engineering services for these projects were authorized on September 25, 2013 and October 23, 2013 by Resolution No. 13-1731 and Resolution No. 13-1844, respectively. This action will authorize the project, partial payment of cost by assessment, and a benefit assessment hearing. The improvements will consist of upgrading the existing unimproved two-lane asphalt street with 26-foot wide concrete pavement with curbs, sidewalks, drive approaches, installation of a storm drainage system, water and wastewater main improvements.

The paving assessment process requires the following three steps:

1. Authorize paving improvements.
2. Authorize a benefit assessment hearing.
3. Benefit assessment hearing, ordinance levying assessments and authorize contract for construction.

These actions are the 1st and 2nd steps in the process.

## **ESTIMATED SCHEDULE OF PROJECT**

Began Design	December 2013
Completed Design	May 2016
Begin Construction	December 2016
Complete Construction	December 2017

## **PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)**

Authorized a professional services contract for engineering services on September 25, 2013, by Resolution No. 13-1731.

Authorized a professional services contract for engineering services on October 23, 2013, by Resolution No. 13-1844.

Information about this item will be provided to the Transportation and Trinity River Project Committee on August 8, 2016.

## **FISCAL INFORMATION**

Design	\$ 378,980.00
Construction	
Paving & Drainage (PBW)	\$3,024,555.00 (est.)
Water & Wastewater (WTR)	<u>\$ 740,095.00 (est.)</u>
Total Project Cost	\$4,143,630.00 (est.)

<b><u>Council District</u></b>	<b><u>Amount</u></b>
4	\$3,076,084.00 (est.)
6	<u>\$ 688,566.00 (est.)</u>
Total	\$3,764,650.00 (est.)

This project does involve assessments.

## **MAPS**

Attached.

August 10, 2016

**WHEREAS**, the City Council of the City of Dallas is of the opinion that it is necessary to levy an assessment against the property and the owners thereof abutting upon the following:

**Street Group 12-458:**

- 1. Arizona Avenue from Kiest Boulevard to Saner Avenue**
- 2. McVey Avenue from Seevers Avenue to Marsalis Avenue**
- 3. Mican Drive from Schofield Drive to dead-end**

and against street and steam railway companies whose tracks occupy said streets, if any, for a part of the cost of improving said streets, fixing a time for the hearing of the owners of said property, and the said steam railway companies and street railway companies, concerning the same, and directing the City to give notice of said hearing, as required by law; and,

**WHEREAS**, the City Council has heretofore, by resolution, ordered the improvement of the streets enumerated above, by paving said streets from curb to curb with 6-inch thick 4000-pounds per square inch reinforced concrete pavement; with 6-inch thick lime treated base; with 6-inch high integral curbs; with 6-inch thick reinforced concrete drive approaches; with 4-inch thick reinforced concrete sidewalks 4 or 5 feet wide where specified, so that the roadway shall be 26 feet in width; and

Any existing permanent improvements in place, meeting these specifications, or which can be utilized, shall be left in place, if any, and corresponding credits to the property owners shall be allowed on the assessments; and,

**WHEREAS**, the Director of Public Works of the City of Dallas has, in accordance with the law, filed his report with the City Council, setting forth the participation by the steam railway companies and street railway companies, if any and the property owners, in the cost thereof, together with the names of the owners and the description of said property, and the work to be done adjacent thereto, and the amounts proposed to be assessed against each lot or parcel and its owners and all other matters required by the applicable law.

**Now, Therefore,**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DALLAS:**

**SECTION 1.** That the report or statement filed by the Director of Public Works having been duly examined is hereby approved.

August 10, 2016

**SECTION 2.** That it is hereby found and determined that the cost of improvements on the hereinafter described streets, with the amount or amounts per front foot proposed to be assessed for such improvements against abutting property and the owners thereof, and against street and steam railway companies whose tracks occupy said streets, if any, are as follows, to wit:

**Street Group 12-458:**

- 1. Arizona Avenue from Kiest Boulevard to Saner Avenue**
- 2. McVey Avenue from Seevers Avenue to Marsalis Avenue**
- 3. Mican Drive from Schofield Drive to dead-end**

shall be improved from curb to curb with 6-inch thick 4000-pounds per square inch reinforced concrete pavement; with 6-inch thick lime treated base; with 6-inch high integral curbs; with 6-inch thick reinforced concrete drive approaches; with 4-inch thick reinforced concrete sidewalks 4 or 5 feet wide where specified, so that the roadway shall be 26 feet in width; and

The estimated cost of the improvements is **\$3,764,650.00 (est.)**

- a. The estimated rate per square yard to be assessed against abutting property and the owners thereof for concrete drive approaches is **\$43.43/S. Y.**
- b. The estimated rate per front foot to be assessed against abutting property and the owners thereof for pavement improvements is as follows:

**Where Property Classification is WSR-I (Residential R-7.5 (A))**

The front rate for 6-inch thick reinforced concrete pavement 13.5 feet wide with curb: **\$75.52/L. F.**

The front rate for 6-inch thick reinforced concrete pavement 13.5 feet wide without curb: **\$73.35/L. F.**

The side frontage rate for 6-inch thick reinforced concrete pavement 2.5 feet wide with curb: **\$15.75/L. F.**

The front rate for 4-inch thick reinforced concrete sidewalk is: **\$8.34/L.F.**

The side frontage rate for 4-inch thick reinforced concrete sidewalk is: **\$4.17/L.F.**

**Where Property Classification is WSR-III (Commercial)**

The rate for 6-inch thick reinforced concrete pavement 13.5 feet wide with curb: **\$75.52/L. F.**

The rate for 4-inch thick reinforced concrete sidewalk is: **\$8.34/L.F.**

All assessments, however, are to be made and levied by the City Council as it may deem just and equitable, having in view the special benefits in enhanced value to be received by such parcels of property and owners thereof, the equities of such owners, and the adjustment of the apportionment of the cost of improvements so as to produce a substantial equality of benefits received and burdens imposed.



August 10, 2016

**SECTION 3.** That a hearing shall be given to said owners of abutting property, and of railways and of street railways, if any, or their agents or attorneys and all persons interested in said matter, as to the amount to be assessed against each owner and his abutting property and railways and street railways and as to the benefits to said property by reason of said improvement, or any other matter of thing in connection therewith, which hearing shall be held in the Council Chamber of the City Hall of the City of Dallas, County of Dallas, on the 28th day of September, A.D. 2016, at 1:00 o'clock P.M., at which time all the said owners, their agents or attorneys or other interested persons are notified to appear and be heard, and at said hearing said owners and other persons may appear, by counsel or in person, and may offer evidence, and said hearing shall be adjourned from day to day until fully accomplished.

That the City shall give notice of the time and place of such hearing and of other matters and facts in accordance with the terms of provisions of the Act passed at the First called session of the Fortieth Legislature of the State of Texas, and known as Chapter 106 of the Acts of said session, together with any amendments thereto, now shown as Texas Transportation Code Annotated Section 311 and 313 (Vernon's 1996), which said law, as an alternative method for the construction of street improvements in the City of Dallas, Texas, has been adopted and made a part of the charter of said City, being Chapter XX of said Charter. Said notice shall be by advertisement inserted at least three times in a newspaper published in the City of Dallas, Texas, the first publication to be made at least twenty-one (21) days before the date of said hearing. Said notice shall comply with and be in accordance with the terms and provisions of said Act.

That the City shall give additional written notice of said hearing by mailing to said owners and to said railway companies and street railway companies, if any, a copy of said notice deposited in the Post Office at Dallas, Texas, at least fourteen (14) days prior to the date of said hearing, provided however, that any failure of the property owners to receive said notice, shall not invalidate these proceedings.

**SECTION 4.** That this resolution shall take effect immediately from and after its passage in accordance with the provisions of the Charter of the City of Dallas, and it is accordingly so resolved.

August 10, 2016

**WHEREAS**, the City of Dallas deems it necessary to permanently improve the hereinafter named streets within the City of Dallas.

**Now, Therefore,**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DALLAS:**

**SECTION 1.** That the following streets

**Street Group 12-458:**

- 1. Arizona Avenue from Kiest Boulevard to Saner Avenue**
- 2. McVey Avenue from Seevers Avenue to Marsalis Avenue**
- 3. Mican Drive from Schofield Drive to dead-end**

shall be improved in the following manner, to wit:

(1) That said streets shall be filled so as to bring same to grade.

(2) That said streets shall be paved from curb to curb with 6-inch thick 4000-pounds per square inch reinforced concrete pavement; with 6-inch thick lime treated base; with 6-inch high integral curbs; with 6-inch thick reinforced concrete drive approaches; with 4-inch thick reinforced concrete sidewalks 4 or 5 feet wide where specified, so that the roadway shall be 26 feet in width; and,

that any permanent improvements in place, meeting these specifications, or which can be utilized, shall be left in place, if any, and corresponding credits to the property owners shall be allowed on the assessments.

That bids shall be taken for the construction of the work for the type of construction enumerated above, and the work shall be done with the materials and according to plans and methods selected by the City Council after the bids are opened.

That the cost of said improvements shall be paid for as follows, to wit:

(a) That the cost of improving so much of said streets and their intersections with other street and alleys as is occupied by the rails and tracks of streets railways and steam railway, if any occupying said streets, and between the same and two (2) feet on the outside thereof, shall be paid by the owners of said railways respectively.

(b) That the City of Dallas shall pay only an amount equal to the cost of storm sewers, and also all the cost of improving intersections of said streets with other street and alleys, and partial adjusted frontages on side property, except so much thereof as shall be borne by streets railways and steam railways, as provided in Subsection (a)

August 10, 2016

(c) That after deducting the proportion of the cost provided for in said Subsections (a) and (b) above, the whole remaining cost, including the cost of concrete curbs or curbs and gutters, driveways, and sidewalks shall be paid by the owners of property abutting on said streets named to be paved, in the following manner, to wit:

That the cost shall be assessed against said owners and their property respectively, in accordance with what is known as the "Front-Foot Plan", in proportion as the frontage of the property of each owner is to the whole frontage improved and shall be payable in monthly installments not to exceed one hundred twenty (120) in number, the first of which shall be payable within thirty (30) days from the date of the completion of said improvements and their acceptance by the City of Dallas, and one installment each month thereafter until paid, together with interest thereon at the current rate established and adopted by the City Council applicable to Public Improvement Assessment Accounts being paid by installments and not to exceed the statutory rate, with the provision that any of said installments may be paid at any time before maturity by the payment of the principal and the accrued interest thereon. Any property owner against whom and whose property an assessment has been levied may pay the whole assessment chargeable to him without interest within thirty (30) days after the acceptance and completion of said improvements.

Provided that, if the application of the above-mentioned rule of apportionment between property owners would, in the opinion of the City Council, in particular cases be unjust or unequal, it shall be the duty of the said Council to assess and apportion said cost in such manner as it may deem just and equitable, having in view the special benefits in enhanced value to be received by each owner of such property, the equities of owners, and the adjustment of such apportionment, so as to produce a substantial equality of benefits received by and burdens imposed upon such owners.

That no such assessment shall be made against any owner of abutting property, or of a street railway or steam railway, if any, until after the notice and hearing provided by law, and no assessment shall be made against an owner of abutting property in excess of the benefits to such property in enhanced value thereof by means of such improvements.

That the contractor shall be paid for the work performed under the specifications, upon monthly estimates to be prepared by the Director of Public Works. That there shall be deducted as a retainage fee, five (5%) percent of such monthly estimates, to be held by the City of Dallas until the contract is performed and executed to the satisfaction of the Director of Public Works. The monthly estimates shall be paid on or before the 10th day of the next succeeding month for the work performed during the previous month.

August 10, 2016

For that part of the cost of the improvements that shall be determined to be levied against the owners of abutting property and their property shall be levied by assessment as herein provided, and said improvements may further be secured by Mechanic's Liens to be executed in favor of the City of Dallas, provided by law in accordance with the terms and provisions of this resolution. Paving certificates evidencing the assessment shall be issued in favor of the City of Dallas for the amount of the assessment, whether the property owners have executed Mechanic's Liens to secure the payment or not, and shall be payable for the use and benefit of the Revolving Fund established for the purpose of financing paving improvements.

That the Director of Public Works is hereby directed to prepare at once the specifications and an estimate of the cost of such improvements and file the same with the City Council for the hereinabove described pavement and improvements. That in the specifications prepared, provision shall be made to require all contractors to give such bonds as may be necessary or as required by law.

That such specifications shall require the bidder to make a bid upon the type of improvements above described, with such bonds as may be required.

That the specifications shall also state the amounts of the required bonds, as well as the method by which it is proposed to pay the cost of said improvements, said method being in accordance with this resolution.

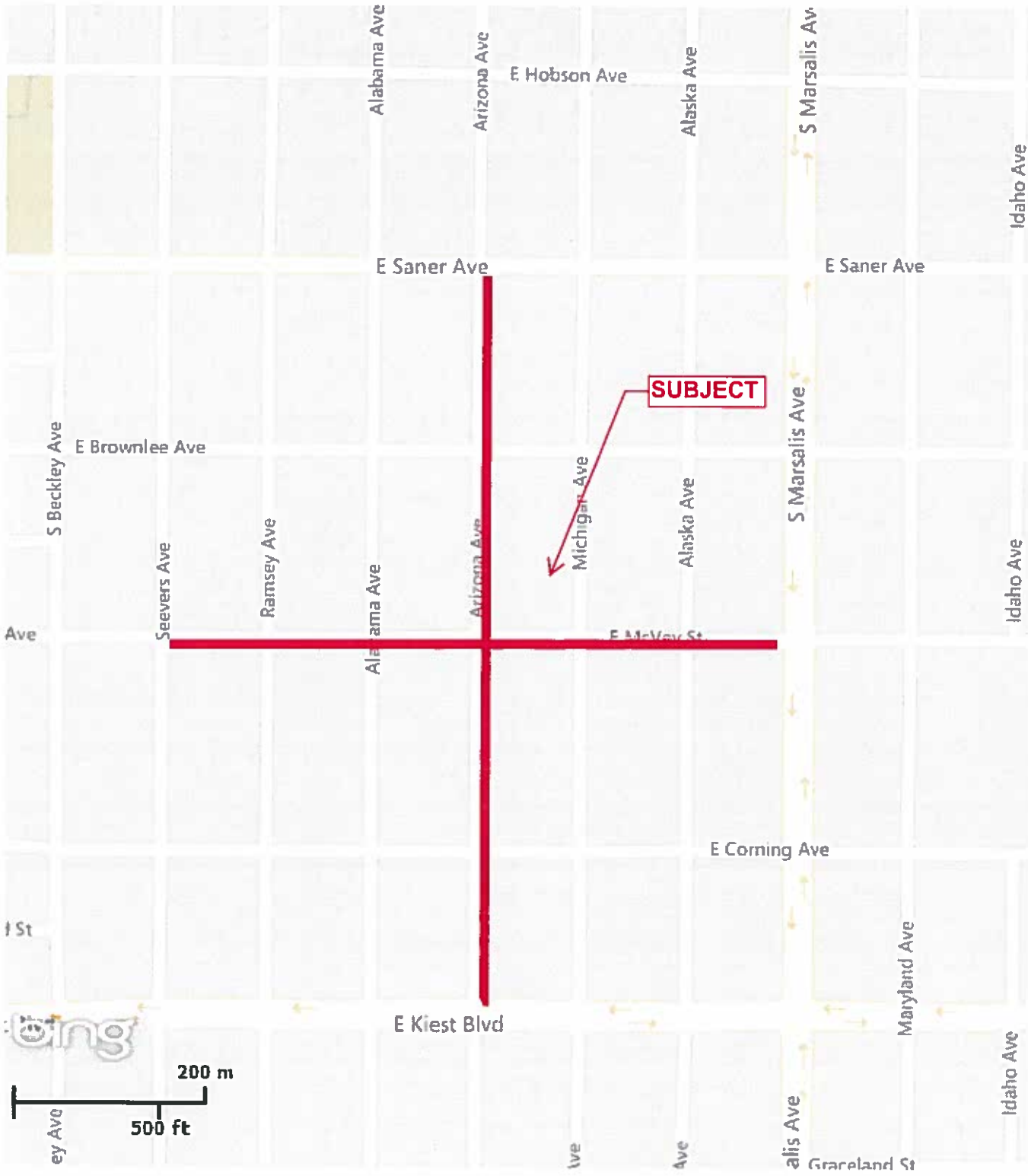
**SECTION 2.** That the City Council, in initiating this proceeding, is acting under the terms and provisions of the Act passed at the First Called Session of the Fortieth Legislature of the State of Texas, and known as Chapter 106 of the Acts of said Session, together with any amendments thereto, now shown as Texas Transportation Code Annotated Sections 311 and 313 (Vernon's 1996), which said law, as an alternative method for the construction of street improvements in the City of Dallas, Texas, has been adopted and made a part of the Charter of said City, being Chapter XX of said Charter.

**SECTION 3.** That this resolution shall take effect immediately from and after its passage in accordance with the provisions of the Charter of the City of Dallas, and it is accordingly so resolved.

**Street Group 12-458**

<b><u>Project</u></b>	<b><u>Limits</u></b>	<b><u>Council District</u></b>
Arizona Avenue	from Kiest Boulevard to Saner Avenue	4
McVey Avenue	from Seevers Avenue to Marsalis Avenue	4
Mican Drive	from Schofield Drive to dead-end	6

**PROJECT GROUP 12-458**

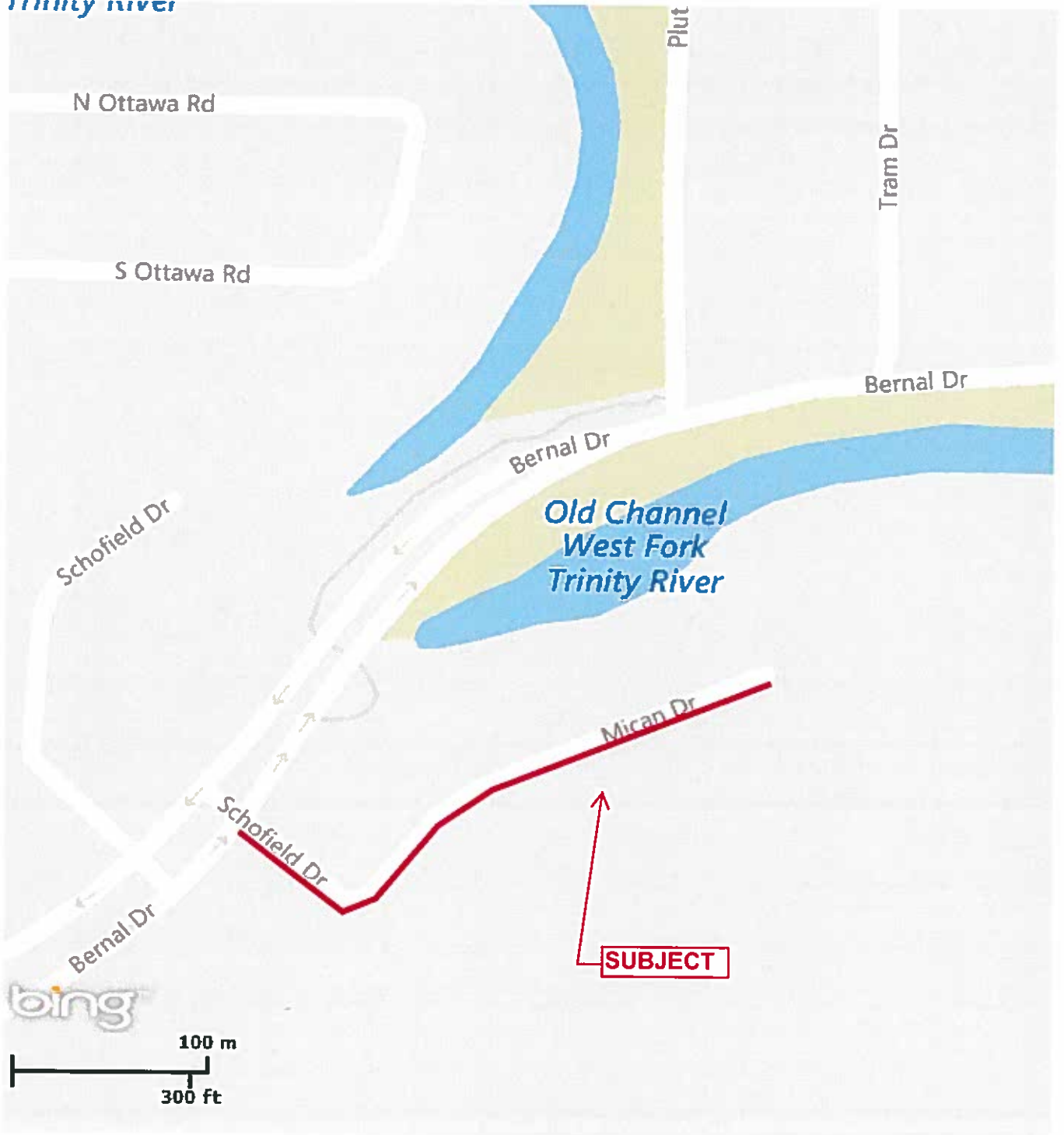


**MAPSCO 54Z, 55W**



PROJECT GROUP 12-458

Trinity river



MAPSCO 42H, M



**KEY FOCUS AREA:** Economic Vibrancy

**AGENDA DATE:** August 10, 2016

**COUNCIL DISTRICT(S):** 2, 5, 7

**DEPARTMENT:** Public Works Department

**CMO:** Jill A. Jordan, P.E., 670-5299

**MAPSCO:** 45G H L M R 46E F G H J K L M N P Q R U V 47E F G H J  
K L M N P Q R S T U V

**SUBJECT**

Authorize a Funding Agreement with Dallas County for the preliminary Engineering Feasibility Study of the bicycle route and options along Haskell Avenue/Military Parkway from Parry Avenue to Lawnview Avenue and between Hall Street and Parry Avenue, and for potential spot improvements needed within the study area - Financing: No cost consideration to the City

**BACKGROUND**

East Dallas Veloway Phase 2A Extension (Santa Fe Trail Extension) from Elm Street to Parry Avenue and the CBD-Fair Park Link from Hall Street to Hickory Street are two of the City of Dallas’ on-going projects that will provide multimodal facilities for the area. Dallas County contacted the City expressing their interest to conduct a preliminary Engineering Feasibility Study on additional multimodal connectivity between Baylor Medical Center, Fair Park, and East Dallas in the vicinity of these two projects. Dallas County has proposed to utilize the City’s expenditures on these two projects as matching funds, and in turn provide \$700,000 from their Major Capital Improvements Program (MCIP) for the study. This action will authorize a Funding Agreement with Dallas County to outline the scope, funding obligation, and responsibility of agencies for the study.



**BACKGROUND** (Continued)

The primary corridors to be studied are along Haskell Avenue/Military Parkway from Parry Avenue to Lawnview Avenue, north of the DART Green Line between Hall Street and Parry Avenue, and along a railroad corridor from Fair Park to the planned Trinity Forest Spine Trail. The plan is to study multimodal connectivity options between the east end of the Santa Fe Trail Extension at Parry Avenue and the planned on-street bicycle facilities along Lawnview Avenue and Hunnicut Road, as identified in the 2011 Dallas Bike Plan. The on-street route, which is shown in the 2011 Dallas Bike Plan as going along Haskell Avenue, will be studied for feasibility along with additional paralleling routes. Another option to be investigated in this study is the use of an abandoned railroad corridor beginning on the north side of Fair Park and east of Parry Avenue that could potentially provide an entirely dedicated multimodal connection to the planned Trinity Forest Spine Trail and Military Parkway. Possible future on-street facilities to be evaluated for future access include Dolphin Road from Military Parkway or the railroad corridor up to Samuell Boulevard for access to the Samuell Boulevard planned bicycle corridor and Samuell Grand Park. Additionally, potential spur access connections from the rail corridor will also be evaluated. Dallas County will be the lead agency to administer the study.

**ESTIMATED SCHEDULE OF PROJECT**

Begin Study	Fall 2016
Complete Study	Spring 2018

**PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)**

Information about this item will be provided to the Transportation and Trinity River Project Committee on August 8, 2016.

**FISCAL INFORMATION**

No cost consideration to the City.

**MAP**

Attached.

August 10, 2016

**WHEREAS**, the City of Dallas currently has two on-going projects, East Dallas Veloway Phase 2A Extension (Santa Fe Trail Extension) from Elm Street to Parry Avenue and CBD-Fair Park Link from Hall Street to Hickory Street that will provide trail and bicycle facilities for the area; and,

**WHEREAS**, Dallas County expressed their interest to conduct a preliminary Engineering Feasibility Study for the multimodal connectivity between Baylor Medical Center, Fair Park, and East Dallas in the vicinity of these two projects; and,

**WHEREAS**, Dallas County proposed to utilize the City's costs spent on the East Dallas Veloway Phase 2A (Santa Fe Trail Extension) project and the CBD-Fair Park Link project as the matching funds and in turn provide \$700,000 from their Major Capital Improvements Program (MCIP) for the study; and,

**WHEREAS**, Dallas County will be the lead agency to administer the study; and,

**WHEREAS**, the City of Dallas desires to enter into a Funding Agreement with Dallas County for the preliminary Engineering Feasibility Study of the bicycle route and options along Haskell Avenue/ Military Parkway from Parry Avenue to Lawnview Avenue and between Hall Street and Parry Avenue, and for potential spot improvements needed within the study area.

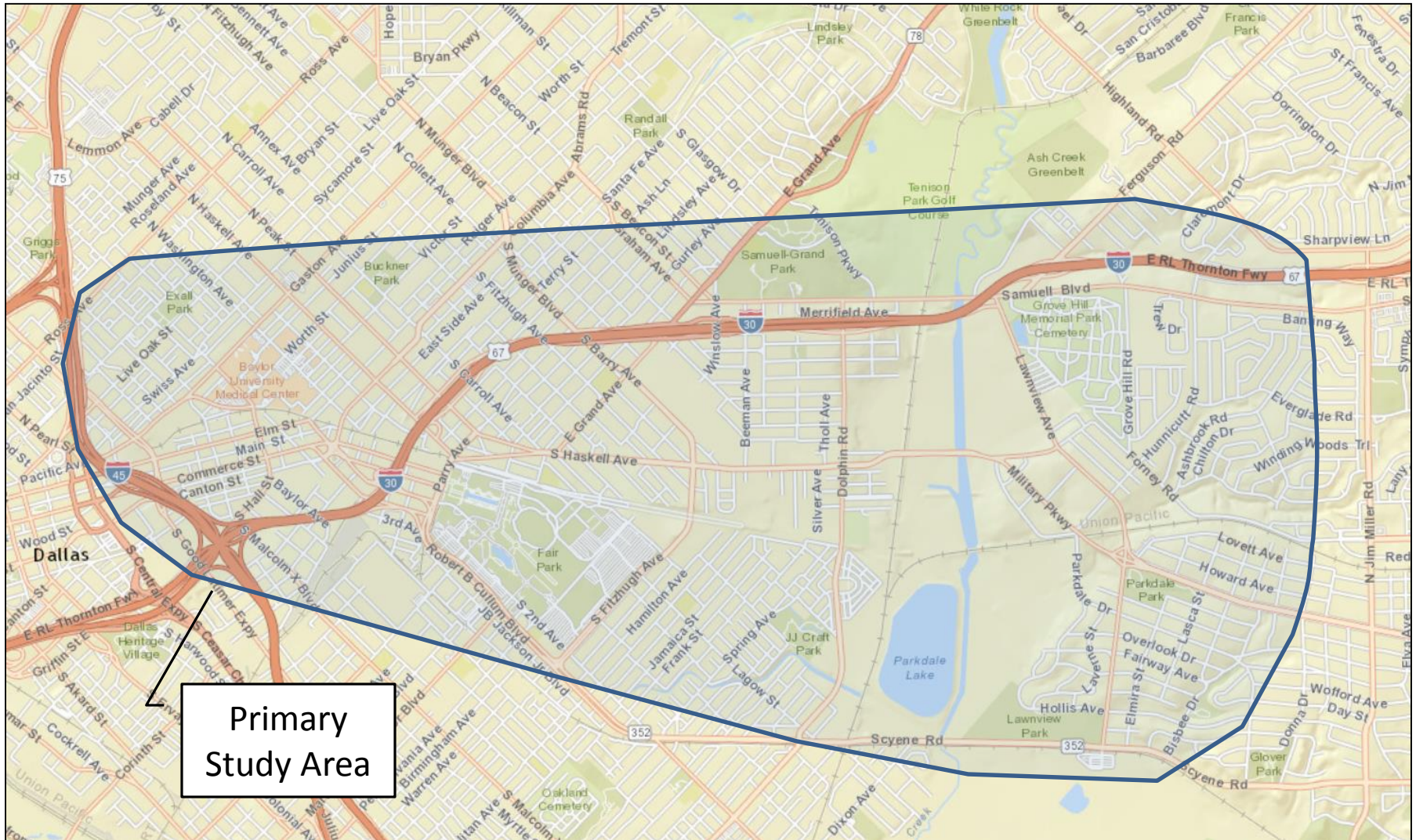
**Now, Therefore,**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DALLAS:**

**Section 1.** That the City Manager is hereby authorized to execute a Funding Agreement with Dallas County for the preliminary Engineering Feasibility Study of the bicycle route and options along Haskell Avenue/ Military Parkway from Parry Avenue to Lawnview Avenue and between Hall Street and Parry Avenue, and for potential spot improvements needed within the study area, after it has been approved as to form by the City Attorney.

**Section 2.** That this resolution shall take effect immediately from and after its passage in accordance with the provisions of the Charter of the City of Dallas, and it is accordingly so resolved.

# Preliminary Engineering Feasibility Study for Multimodal Connectivity Council Districts: 2, 5, & 7



**Primary  
Study Area**

MAPSCO: 45 G, H, L, M, R

46 E, F, G, H, J, K, L, M, N, P, Q, R, U, V    47 E, F, G, H, J, K, L, M, N, P, Q, R, S, T, U, V

**KEY FOCUS AREA:** Economic Vibrancy

**AGENDA DATE:** August 10, 2016

**COUNCIL DISTRICT(S):** 1

**DEPARTMENT:** Public Works Department  
Office of Economic Development

**CMO:** Jill A. Jordan, P.E., 670-5299  
Ryan S. Evans, 671-9837

**MAPSCO:** 44W X 54A B C E

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**SUBJECT**

Authorize a Local Transportation Project Advance Funding Agreement with the Texas Department of Transportation for the design review of Rosemont Safe Routes to School Project – Not to exceed \$2,609 - Financing: Davis Garden TIF District Funds

**BACKGROUND**

The Rosemont Safe Routes to School Project was submitted and selected by the 2014 Transportation Alternative Program Call for Projects for preliminary engineering. The federally-funded Transportation Alternatives Program focused on non-traditional projects and offers opportunities to expand transportation choices. The City will be responsible for 20% of the costs on this project while TxDOT and the Federal government will be responsible for 80% of the costs. This action will authorize an Interlocal Agreement with payment to the Texas Department of Transportation (TxDOT) for the City’s share of design related engineering review costs associated with this project.

The Rosemont Safe Routes to School Project will provide 3.5 miles of bicycle facilities and traffic – calming in the surrounding community along with an improved bicycle and pedestrian connection to Rosemont Elementary School. The project will extend the accessibility of the bicycle facilities throughout the neighborhood. This project supports the City of Dallas Bike Plan by using on-street residential roadways to ensure safe bicycle connections for the Rosemont Primary and Elementary Schools, Kidd Springs Park, and the Coombs Creek Trail. The estimated preliminary engineering cost is \$104,991.33. The required local match is to be provided by the Davis Garden Tax Increment Financing District. A future council action will be required to authorize a design contract. The scope for construction of any improvements along with associated funding will be identified at a later date.

## **ESTIMATED SCHEDULE OF PROJECT**

Begin Design	November 2016
Complete Design	November 2017

## **PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)**

On May 27, 2014, briefed to the Transportation & Trinity River Corridor Project Committee.

Authorized submission of the 2014 Transportation Alternative Project application on May 28, 2014, by Resolution No. 14-0830.

Information about this item will be provided to the Transportation and Trinity River Project Committee on August 8, 2016.

## **FISCAL INFORMATION**

Davis Garden TIF District Funds - \$2,608.60

Engineering Design (Federal)	\$ 69,565.60 (est.)
Engineering Design (Local)	\$ 17,391.40 (est.)
TxDOT Direct Costs (Federal)	\$ 10,434.40 (est.)
TxDOT Engineering Review (this action)	\$ 2,608.60
TxDOT Indirect Costs (TxDOT)	<u>\$ 4,991.33 (est.)</u>
Total Project Costs	\$104,991.33

## **MAP**

Attached

August 10, 2016

**WHEREAS**, the Regional Transportation Council (RTC), comprised primarily of local elected officials, is the regional transportation policy board associated with the North Central Texas Council of Governments and the regional forum for cooperative decisions on transportation; and,

**WHEREAS**, the Regional Transportation Council approved approximately \$28 million for the 2014 Transportation Alternative Program (TAP) Call for Projects on February 13, 2014; and,

**WHEREAS**, the City of Dallas submitted the Transportation Alternative Project application for the Rosemont Safe Routes to School Project to the North Central Texas Council of Governments in May 2014, by Resolution No. 14-0830; and,

**WHEREAS**, on October 9, 2014, the Regional Transportation Council approved the submitted projects for funding by the 2014 TAP Call for Projects for the North Central Texas Region; and,

**WHEREAS**, on August 27, 2015 The Texas Transportation Commission awarded funding for the projects in the 2014 TAP Call for Projects; and,

**WHEREAS**, the City of Dallas supported the Rosemont Safe Routes to School Project as applied for in the 2014 TAP Program Call for Projects, and will serve as the public sponsor and lead project contact on the projects; and,

**WHEREAS**, the City of Dallas committed to fund or pass through funds from other sources for a minimum local cash or in-kind match of 20 percent of the total project cost, and confirmed that the City of Dallas will be responsible for any cost overruns; and,

**WHEREAS**, the City of Dallas understood and acknowledged that all awarded funding will be provided on a reimbursement basis; and,

**WHEREAS**, it is now necessary to authorize a Local Transportation Project Advance Funding Agreement (LPAFA) with a payment to TxDOT for engineering review for the Rosemont Safe Routes to School Project in the amount of \$2,608.60.

**Now, Therefore,**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DALLAS:**

August 10, 2016

**Section 1.** That the City Manager is hereby authorized to execute a Local Transportation Project Advance Funding Agreement (LPAFA) with the Texas Department of Transportation for design of the Rosemont Safe Routes to School Project, in the amount of \$2,608.60, after it has been approved as to form by the City Attorney.

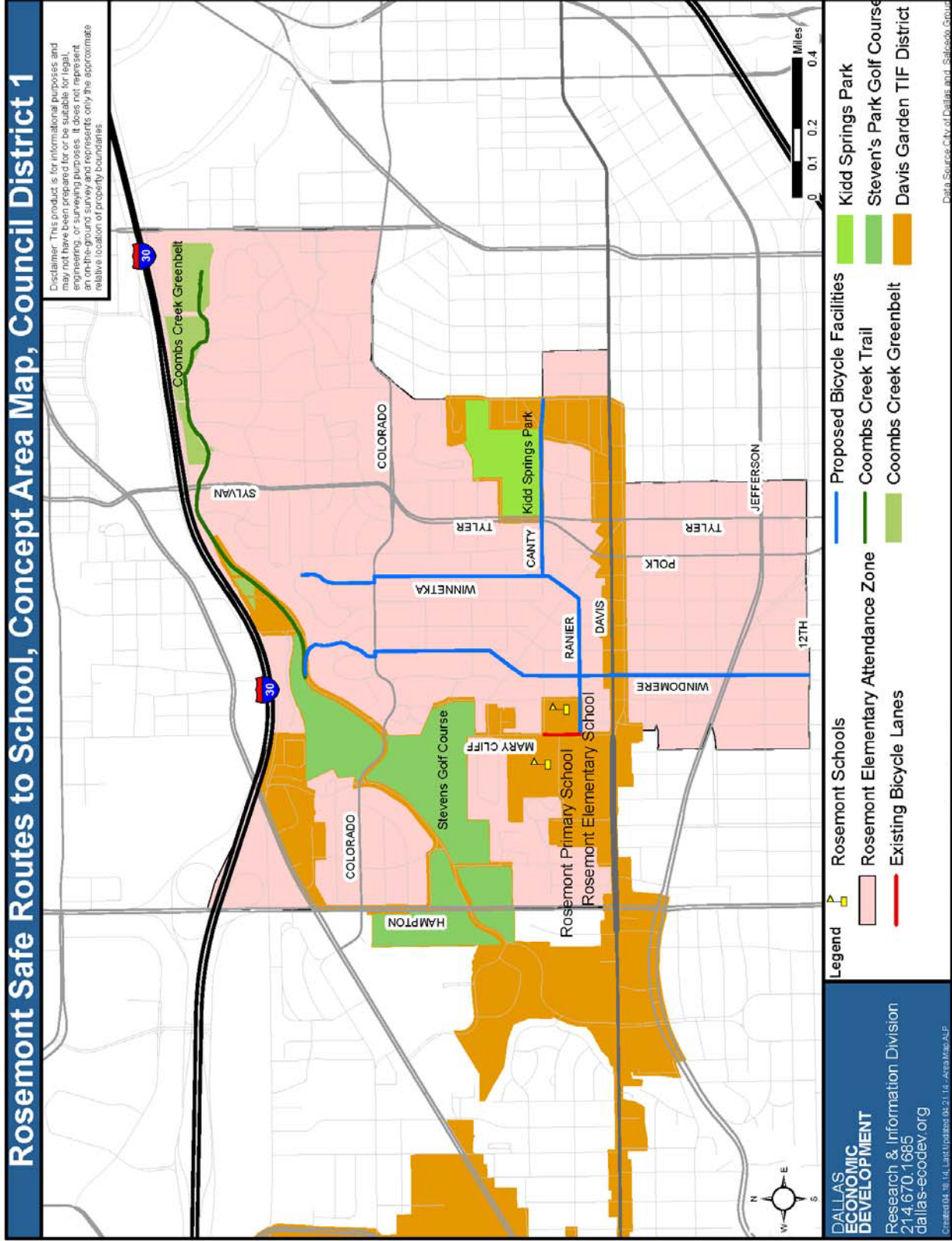
**Section 2.** That the Chief Financial Officer is hereby authorized to disburse funds to the Texas Department of Transportation for the design-related engineering review costs associated with Rosemont Safe Routes to School Project in accordance with the terms and conditions of the agreement from:

Davis Garden TIF District Fund	
Fund 0060, Dept. ECO, Unit P754, Act. DGTI	
Obj. 3070, Program #PBTIF026, CT ECOP754J284	
Vendor #239588, in an amount not to exceed	\$ 2,608.60

**Section 3.** That this resolution shall take effect immediately from and after its passage in accordance with the provisions of the Charter of the City of Dallas, and it is accordingly so resolved.

# Rosemont Safe Routes to School Project Council District: 1

MAPSCO: 44W, X, 54A, B, C, E





**KEY FOCUS AREA:** Economic Vibrancy  
**AGENDA DATE:** August 10, 2016  
**COUNCIL DISTRICT(S):** 12  
**DEPARTMENT:** Public Works Department  
**CMO:** Jill A. Jordan, P.E., 670-5299  
**MAPSCO:** 5T

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**SUBJECT**

**Keller Springs Road**

- \* Authorize **(1)** an increase in the Project Specific Agreement with Dallas County for the design and construction of paving and drainage improvements for the Keller Springs Road at Westgrove Drive roundabout in the amount of \$204,204, from \$342,043 to \$546,247; **(2)** the receipt and deposit of funds from Dallas County in the amount of \$179,204; and **(3)** an increase in appropriations in the amount of \$179,204 in the Capital Projects Reimbursement Fund - Not to exceed \$204,204 - Financing: Capital Projects Reimbursement Funds
- \* Authorize an amendment to Resolution No. 15-1163, previously approved on June 17, 2015, to revise the source of funds for the contract to construct paving and drainage improvements for the Keller Springs Road at Westgrove Drive roundabout - Financing: No cost consideration to the City

**BACKGROUND**

On June 25, 2014, Resolution No. 14-1008 authorized a Project Specific Agreement with Dallas County for participation in the design and construction of paving and drainage improvements of the Keller Springs Road at Westgrove Drive roundabout. On June 17, 2015, Dallas City Council authorized an increase in funding for the Project Specific Agreement with Dallas County for the design and construction of the Keller Springs Road at Westgrove Drive roundabout. The City of Dallas is responsible for administering design and construction of this project. Dallas County agreed to contribute additional funds for the design and construction of the project. This action will authorize an increase in funding for the agreement to provide additional funds from Dallas County for the construction of the paving and drainage improvements of the Keller Springs Road at Westgrove Drive roundabout. This action will also authorize an amendment to Resolution No. 15-1163 to revise the source of funds for the contract to construct paving and drainage improvements of the Keller Springs Road at Westgrove Drive roundabout.

**BACKGROUND** (Continued)

In response to neighborhood concerns regarding high traffic speeds on the residential section of Keller Springs Road north of Westgrove Drive, the scope of this project entails constructing a roundabout (traffic circle) at the intersection of Keller Springs Road and Westgrove Drive to slow down the traffic before it enters into the residential section of Keller Springs Road. The project includes reinforced concrete pavement, curbs and gutters, sidewalks, landscaping, lighting and drainage improvements. The total project cost including design, right-of-way acquisition, and construction is estimated at \$1,361,543.00, of which \$815,296.50 will be funded by the City and \$546,246.50 will be funded by Dallas County.

**ESTIMATED SCHEDULE OF PROJECT**

Began Feasibility Study/Schematic	April 2011
Completed Feasibility Study/Schematic	March 2013
Began Design	July 2014
Completed Design	March 2015
Began Construction	November 2015
Complete Construction	August 2016

**PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)**

Authorized a Master Interlocal Agreement with Dallas County on January 10, 2001, by Resolution No. 01-0104.

Authorized a Master Agreement with Dallas County for future transportation major capital improvement projects on April 13, 2011, by Resolution No. 11-0927.

Authorized a Project Specific Agreement with Dallas County for funding participation on June 25, 2014, by Resolution No. 14-1008.

Authorized a professional services contract with Hayden Consultants, Inc. on June 25, 2014, by Resolution No. 14-1009.

Authorized a License Agreement with Dallas Area Rapid Transit (DART) for the use of DART's right-of-way on June 25, 2014, by Resolution No. 14-1010.

Authorized an increase in funding for the Project Specific Agreement with Dallas County for the design and construction of paving and drainage of the Keller Springs Road at Westgrove Drive roundabout on June 17, 2015, by Resolution No. 15-1162.

Authorized a contract with Jeske Construction Company for the construction of paving and drainage of the Keller Springs Road at Westgrove Drive roundabout on June 17, 2015, by Resolution No. 15-1163.

**PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)** (Continued)

Authorized a Multiple Use Agreement with the Texas Department of Transportation for the use of Texas Department of Transportation's right-of-way for the Keller Springs Road at Westgrove Drive roundabout on June 17, 2015, by Resolution No. 15-1164.

Information about this item will be provided to the Transportation and Trinity River Project Committee on August 8, 2016.

**FISCAL INFORMATION**

Capital Projects Reimbursement Funds - \$179,204.00

Preliminary Design (roundabout Feasibility Study & Survey) (PBW and Dallas County 50-50)	\$ 50,000.00
Right-of-Way	\$ 50,000.00
Design (PBW and Dallas County 50-50)	\$ 88,585.00
Construction (PBW and Dallas County)	\$ 887,121.00
Construction (Dallas County) (this action)	\$ 179,204.00
<u>Contingency (10%)</u>	<u>\$ 106,632.50</u>

Estimated Total Project Cost \$1,361,542.50

City's share of project cost - \$815,296.50  
County's share of project cost - \$546,246.50

**MAP**

Attached.

August 10, 2016

**WHEREAS**, the Keller Springs Road at Westgrove Drive roundabout project was selected for participation and funding by Dallas County in the Fifth Call for Projects; and,

**WHEREAS**, on January 10, 2001, Resolution No. 01-0104 authorized the Master Interlocal Agreement with Dallas County for projects to be implemented through their Major Capital Improvement Program; and,

**WHEREAS**, on April 6, 2011, Administrative Action No. 11-1064 authorized an Engineering Services contract with Ourston Roundabout Engineering, Inc. for a Keller Springs Road at Westgrove Drive roundabout Feasibility Study in the amount of \$24,963.00; and,

**WHEREAS**, on April 13, 2011, Resolution No. 11-0927 authorized the Master Agreement Governing Transportation Major Capital Improvement Program with Dallas County; and,

**WHEREAS**, on June 25, 2014, Resolution No. 14-1008 authorized a Project Specific Agreement with Dallas County for funding participation for the design and construction of the Keller Springs Road at Westgrove Drive roundabout in the amount of \$42,042.50; and,

**WHEREAS**, on June 25, 2014, Resolution No. 14-1009 authorized a professional services contract with Hayden Consultants, Inc. for the design of the Keller Springs Road at Westgrove Drive roundabout in the amount of \$84,085.00; and,

**WHEREAS**, on June 25, 2014, Resolution No. 14-1010 authorized a License Agreement with Dallas Area Rapid Transit (DART) for the use of DART's right-of-way for the Keller Springs Road at Westgrove Drive roundabout; and,

**WHEREAS**, on June 17, 2015, Resolution No. 15-1162 authorized an increase in funding for the Project Specific Agreement with Dallas County for design and construction of the Keller Springs Road at Westgrove Drive roundabout in the amount of \$300,000.00 from \$42,042.50 to \$342,042.50; and,

**WHEREAS**, on June 17, 2015, Resolution No. 15-1163 authorized a contract with Jeske Construction Company for the construction of paving and drainage for the Keller Springs Road at Westgrove Drive roundabout in the amount of \$1,066,325.00; and,

**WHEREAS**, on June 17, 2015, Resolution No. 15-1164 authorized a Multiple Use Agreement with the Texas Department of Transportation for the use of Texas Department of Transportation's right-of-way for the Keller Springs Road at Westgrove Drive roundabout; and,

August 10, 2016

**WHEREAS**, on November 2, 2015, Administrative Action No. 15-7131 authorized Supplemental Agreement No. 1 to the professional services contract with Hayden Consultants, Inc. for design of the Keller Springs Road at Westgrove Drive roundabout in the amount of \$4,500.00, increasing the contract from \$84,085.00 to \$88,585.00; and,

**WHEREAS**, the City of Dallas is the lead agency to administer the design and construction of the project; and,

**WHEREAS**, Dallas County agreed to contribute additional funds for the construction of the Keller Springs Road at Westgrove Drive roundabout; and,

**WHEREAS**, it is now necessary to authorize an amendment to Resolution No. 15-1163, previously approved on June 17, 2015 to revise the source of funds for the contract to construct paving and drainage improvements for the Keller Springs Road at Westgrove Drive roundabout.

**Now, Therefore,**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DALLAS:**

**Section 1.** That Resolution No. 15-1163, previously approved on June 17, 2015, is hereby amended to revise the source of funds for the construction of paving and drainage improvements for the Keller Springs Road at Westgrove Drive roundabout, as follows:

Street and Transportation Improvements Fund	
Fund 2U22 Department PBW, Unit S401, Act. INGV	
Obj. 4510 Program #PB12S401, CT PBW12S401K1	
Vendor # 083791, in an amount not to exceed	\$460,225.00
	<u>\$384,039.49</u>

Street and Transportation Improvements Fund	
Fund 3U22 Department PBW, Unit S401, Act. INGV	
Obj. 4510 Program #PB12S401, CT PBW12S401K1	
Vendor # 083791, in an amount not to exceed	\$306,100.00
	<u>\$248,691.21</u>

August 10, 2016

Capital Projects Reimbursement Fund	
Fund 0556, Department PBW, Unit S401, Act. INGV	
Obj. 4510 Program #PB12S401, CT PBW12S401K1	
Vendor # 083791, in an amount not to exceed	\$300,000.00
	<u>\$433,594.30</u>
 Total amount not to exceed	 \$1,066,325.00

**Section 2.** That the Chief Financial Officer is hereby authorized to reallocate project funding for construction.

**Section 3.** That this resolution shall take effect immediately from and after its passage in accordance with the provisions of the Charter of the City of Dallas, and it is accordingly so resolved.

August 10, 2016

**WHEREAS**, the Keller Springs Road at Westgrove Drive roundabout project was selected for participation and funding by Dallas County in the Fifth Call for Projects; and,

**WHEREAS**, on January 10, 2001, Resolution No. 01-0104 authorized the Master Interlocal Agreement with Dallas County for projects to be implemented through their Major Capital Improvement Program; and,

**WHEREAS**, on April 6, 2011, Administrative Action No. 11-1064 authorized an Engineering Services contract with Ourston Roundabout Engineering, Inc. for a Keller Springs Road at Westgrove Drive roundabout Feasibility Study in the amount of \$24,963.00; and,

**WHEREAS**, on April 13, 2011, Resolution No. 11-0927 authorized the Master Agreement Governing Transportation Major Capital Improvement Program with Dallas County; and,

**WHEREAS**, on June 25, 2014, Resolution No. 14-1008 authorized a Project Specific Agreement with Dallas County for funding participation for the design and construction of the Keller Springs Road at Westgrove Drive roundabout in the amount of \$42,042.50; and,

**WHEREAS**, on June 25, 2014, Resolution No. 14-1009 authorized a professional services contract with Hayden Consultants, Inc. for the design of the Keller Springs Road at Westgrove Drive roundabout in the amount of \$84,085.00; and,

**WHEREAS**, on June 25, 2014, Resolution No. 14-1010 authorized a License Agreement with Dallas Area Rapid Transit (DART) for the use of DART's right-of-way for the Keller Springs Road at Westgrove Drive roundabout; and,

**WHEREAS**, on June 17, 2015, Resolution No. 15-1162 authorized an increase in funding for the Project Specific Agreement with Dallas County for the design and construction of the Keller Springs Road at Westgrove Drive roundabout in the amount of \$300,000.00 from \$42,042.50 to \$342,042.50; and,

**WHEREAS**, on June 17, 2015, Resolution No. 15-1163 authorized a contract with Jeske Construction Company for the construction of paving and drainage of the Keller Springs Road at Westgrove Drive roundabout in the amount of \$1,066,325.00; and,

**WHEREAS**, on June 17, 2015, Resolution No. 15-1164 authorized a Multiple Use Agreement with the Texas Department of Transportation for the use of Texas Department of Transportation's right-of-way for the Keller Springs Road at Westgrove Drive roundabout; and,

August 10, 2016

**WHEREAS**, on November 2, 2015, Administrative Action No. 15-7131 authorized Supplemental Agreement No.1 to the professional services contract with Hayden Consultants, Inc. for design of the Keller Springs Road at Westgrove Drive roundabout in the amount of \$4,500.00, increasing the contract from \$84,085.00 to \$88,585.00; and,

**WHEREAS**, the City of Dallas is the lead agency to administer the design and construction of the project; and,

**WHEREAS**, Dallas County agreed to contribute additional funds for the construction of the Keller Springs Road at Westgrove Drive roundabout; and,

**WHEREAS**, it is now necessary to authorize an increase in funding for the Project Specific Agreement with Dallas County for the design and construction of the Keller Springs Road at Westgrove Drive roundabout and receipt of payment from Dallas County in the amount of \$204,204.00, from \$342,042.50 to \$546,246.50, which includes \$25,000 for survey services previously performed by Dallas County.

**Now, Therefore,**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DALLAS:**

**Section 1.** That the City Manager is hereby authorized to increase funding for the Project Specific Agreement with Dallas County for the design and construction of the Keller Springs Road at Westgrove Drive roundabout and receipt of payment from Dallas County in the amount of \$204,204.00, from \$342,042.50 to \$546,246.50, which includes \$25,000 for survey services previously performed by Dallas County.

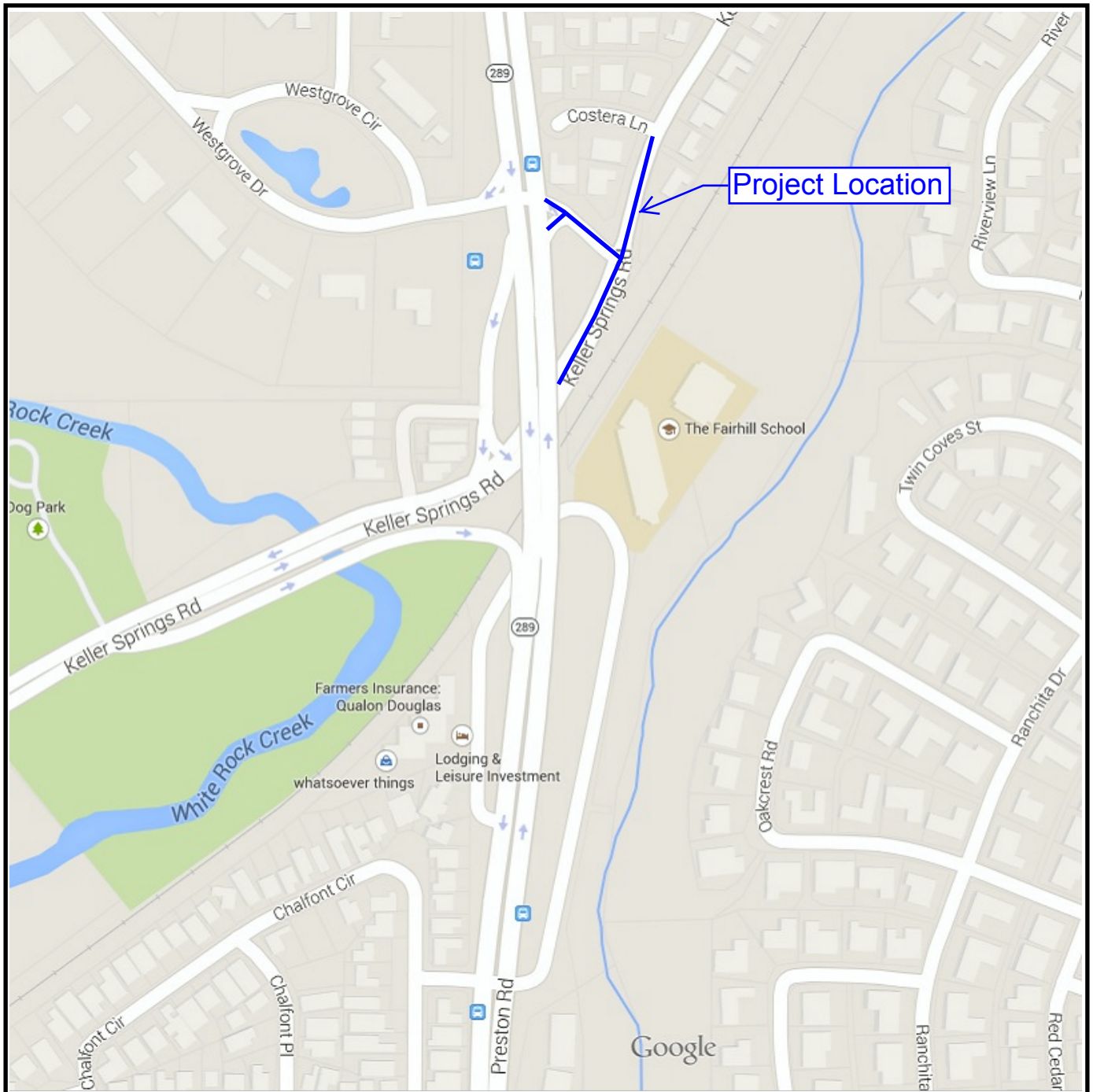
**Section 2.** That the Chief Financial Officer is hereby authorized to receive and deposit funds for construction from Dallas County in an amount not to exceed \$179,204.00 in Fund 0556, Department PBW, Unit S401, Revenue Source 6499.

**Section 3.** That the City Manager is hereby authorized to increase appropriations in the Capital Projects Reimbursement Fund 0556, Department PBW, Unit S401, Obj. 4510 in the amount of \$179,204.00.

**Section 4.** That this resolution shall take effect immediately from and after its passage in accordance with the provisions of the Charter of the City of Dallas, and it is accordingly so resolved.



# Keller Springs Road at Westgrove Drive Roundabout



Mapsc0 5 T

**KEY FOCUS AREA:** Economic Vibrancy  
**AGENDA DATE:** August 10, 2016  
**COUNCIL DISTRICT(S):** All  
**DEPARTMENT:** Trinity Watershed Management  
**CMO:** Mark McDaniel, 670-3256  
**MAPSCO:** N/A

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**SUBJECT**

Authorize an application for a grant, requiring matching funds, through the Federal Emergency Management Agency for FY 2016-17 for the Cooperating Technical Partners program, to provide a cost share for updating certain flood studies in the City of Dallas - Financing: This action has no cost consideration to the City

**BACKGROUND**

The Cooperating Technical Partners (CTP) program is the Federal Emergency Management Agency’s approach to creating partnerships between FEMA and participating National Flood Insurance Program (NFIP) communities to improve the flood hazard mapping program. In this program, FEMA provides a grant for up to 75% of the cost of the project while the participating city is responsible for the remainder. In March 2010, the City of Dallas submitted an application for the CTP program, which included a multi-year plan, since modified, to update older flood studies for several streams. The application was subsequently approved by FEMA. The City is presently completing its sixth year of the CTP program.

Participation in the CTP program allows Dallas to update its flood hazard mapping at substantial savings, since FEMA funds the larger share of the cost of the projects.

This action will authorize the application for the grant, requiring matching funds, from FEMA. A separate City Council approval will be needed to authorize acceptance of the grant, authorize receipt, appropriation and disbursement of federal funds (\$869,250), authorize appropriation of the City's portion (\$289,750), and authorize a contract with a consulting engineering firm, once the application for the grant is approved by FEMA.

**ESTIMATED SCHEDULE OF PROJECT**

Begin Study	November 2016
Complete Study	September 2017

## **PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)**

Authorized CTP FY 2010-11, receipt of grant funds, increase in appropriations, and a contract with Halff Associates, Inc. on November 10, 2010, by Resolution No. 10-2822.

Authorized CTP FY 2011-12, agreement with FEMA and authorized Supplemental Agreement No. 1 with Halff Associates, Inc. on September 14, 2011, by Resolution No. 11-2457.

Authorized CTP FY 2012-13, agreement with FEMA and authorized Supplemental Agreement No. 2 with Halff Associates, Inc. on November 14, 2012, by Resolution No. 12-2767.

Authorized CTP FY 2013-14, agreement with FEMA and authorized Supplemental Agreement No. 3 with Halff Associates, Inc. on November 12, 2013, by Resolution No. 13-1958.

Authorized CTP FY 2014-15, agreement with FEMA and authorized a contract with Halff Associates, Inc. on November 12, 2014, by Resolution No. 14-1934.

Authorized CTP FY 2015-16, agreement with FEMA and authorized Supplemental agreement No. 1 with Halff Associates, Inc. on October 28, 2015, by Resolution No. 15-1978.

Information about this item will be provided to the Transportation and Trinity River Project Committee on August 8, 2016.

## **FISCAL INFORMATION**

This action has no cost consideration to the City.

August 10, 2016

**WHEREAS**, the City of Dallas is participating in the Cooperating Technical Partners (CTP) program with the Federal Emergency Management Agency (FEMA) which provides partial federal funding for updating flood studies; and

**WHEREAS**, the City of Dallas must apply for the FEMA grant each year and commit to providing a local cost share; and

**WHEREAS**, Administrative Directive 2-19 requires the City Council to authorize application for and acceptance of grants requiring matching funds.

**Now, Therefore,**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DALLAS:**

**Section 1.** That the City Manager is hereby authorized to apply for a FEMA grant, requiring matching funds, for the Cooperating Technical Partners (CTP) program for updating certain flood studies for FY 2016-17.

**Section 2.** That further City Council action is required to authorize acceptance of the grant and the receipt and deposit of FEMA funds, to authorize an increase in appropriations, and to authorize a professional services contract with an engineering consulting firm for updating certain flood studies within the City of Dallas for FY 2016-17.

**Section 3.** That this resolution shall take effect immediately from and after its passage in accordance with the provisions of the Charter of the City of Dallas, and it is accordingly so resolved.

**KEY FOCUS AREA:** Economic Vibrancy  
**AGENDA DATE:** August 10, 2016  
**COUNCIL DISTRICT(S):** 6  
**DEPARTMENT:** Trinity Watershed Management  
**CMO:** Mark McDaniel, 670-3256  
**MAPSCO:** 43D

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**SUBJECT**

Ratify emergency repairs to a steel pressure plate in the New Hampton Stormwater Pump Station with Bar Constructors, Inc., lowest responsive bidder of three - Not to exceed \$77,648 - Financing: Stormwater Drainage Management Current Funds

**BACKGROUND**

This action will ratify the emergency repairs to a steel pressure plate in the New Hampton Stormwater Pump Station. The steel pressure plate was damaged during flood operations last fall, resulting in leakage around the plate. If the leak is not repaired, the pumping capability of the whole pump station could be compromised. Emergency action is required to repair the steel pressure plate to ensure operation of the pump station.

The City solicited quotes on this project and received three. This action authorizes a contract with Bar Constructors, Inc., lowest responsive bidder of three, to construct the repairs to the steel pressure plate.

**ESTIMATED SCHEDULE OF PROJECT**

Began Construction	April 2016
Complete Construction	August 2016

**PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)**

Authorized a professional services contract with Shaw Environmental and Infrastructure, Inc., for engineering design services for various components of existing pump stations and facility improvements associated with the Trinity River levee system on October 23, 2013, by Resolution No. 13-1895.

Information about this item will be provided to the Transportation and Trinity River Project Committee on August 8, 2016.

**FISCAL INFORMATION**

Stormwater Drainage Management Current Funds - \$77,648.00

**OWNER**

**Bar Constructors, Inc.**

Isidro Arrambide, Jr., President

**MAP**

Attached

August 10, 2016

**WHEREAS**, the City operates and maintains drainage structures, channels, levees, pump stations and other miscellaneous facilities across the city which provide flood protection to citizens and property; and,

**WHEREAS**, there are six (6) levee pump stations located in the levee system and eight (8) street pump stations strategically located across the City of Dallas; and,

**WHEREAS**, repairs are needed at one of these facilities; and,

**WHEREAS**, on October 23, 2013, Resolution No. 13-1895 authorized a contract with Shaw Environmental and Infrastructure, Inc. (Shaw), a CB&I Company, for engineering design services for various components of existing storm drainage, pump stations, and facility improvements associated with the Trinity River levee system.

**Now, Therefore,**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DALLAS:**

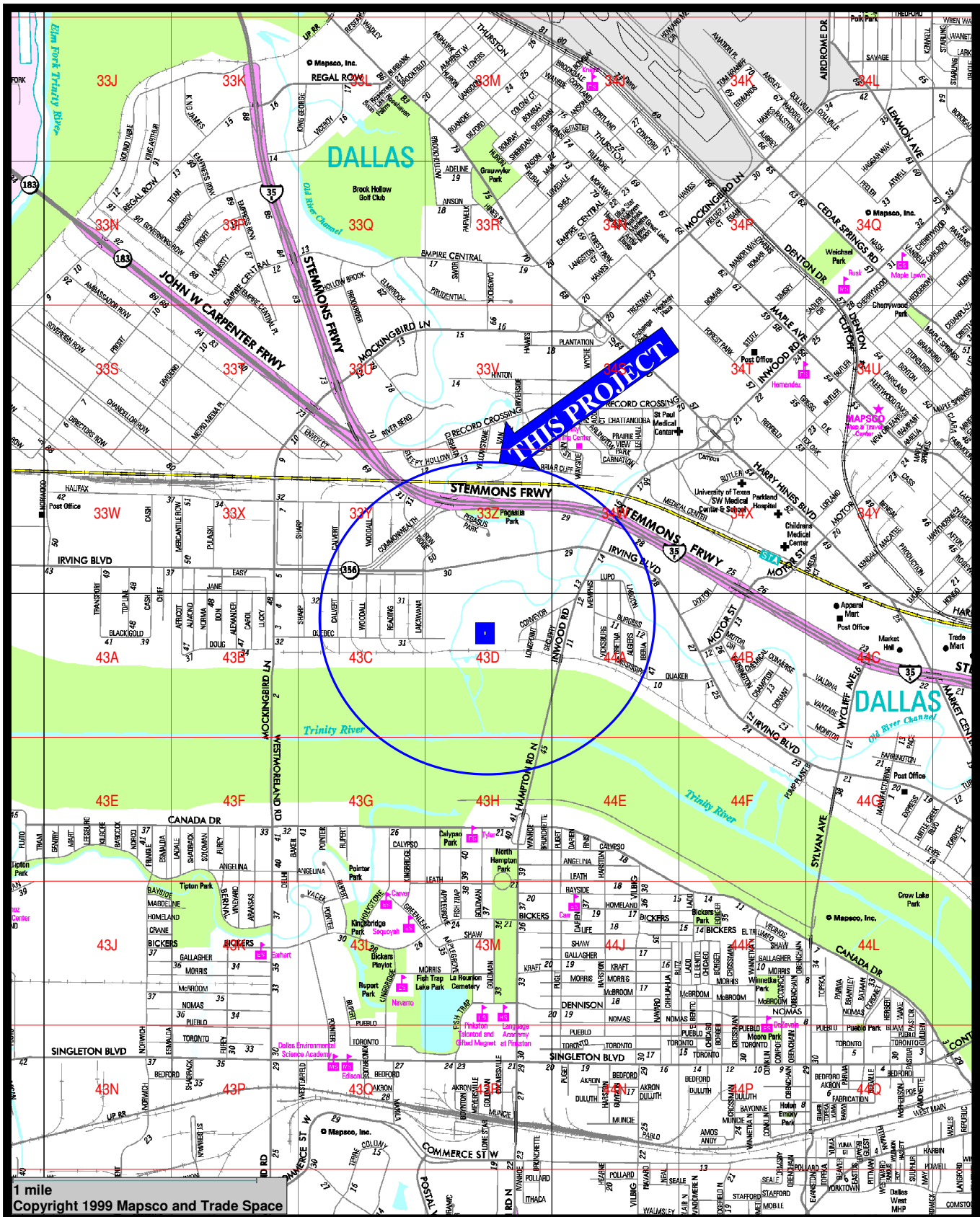
**Section 1.** That an emergency contract with Bar Constructors, Inc., in the amount of \$77,648.00, for emergency repairs to a steel pressure plate in the New Hampton Stormwater Pump Station is hereby ratified as an emergency expenditure.

**Section 2.** That the Chief Financial Officer is hereby authorized to disburse funds from the following appropriation in an amount not to exceed \$77,648.00:

<u>FUND</u>	<u>DEPT</u>	<u>UNIT</u>	<u>OBJECT</u>	<u>AMOUNT</u>	<u>VENDOR NO.</u>	<u>ENCUMBRANCE</u>
0061	SDM	4792	3110	\$77,648.00	125824	SDMFC003VHH1

**Section 3.** That this resolution shall take effect immediately from and after its passage in accordance with the provisions of the Charter of the City of Dallas, and it is accordingly so resolved.

# N. Hampton Pump Station Steel Pressure Plate Repair



MAPSCO 43-D



**KEY FOCUS AREA:** Economic Vibrancy

**AGENDA DATE:** August 10, 2016

**COUNCIL DISTRICT(S):** 2, 4, 5, 6, 7, 9, 14

**DEPARTMENT:** Water Utilities

**CMO:** Mark McDaniel, 670-3256

**MAPSCO:** Various

**SUBJECT**

Authorize a contract for the installation and rehabilitation of water and wastewater mains at 38 locations (list attached) - Ark Contracting Services, LLC, lowest responsible bidder of five - Not to exceed \$10,443,584 - Financing: Water Utilities Capital Improvement Funds

**BACKGROUND**

This action consists of the installation and rehabilitation of approximately 38,305 feet of water and wastewater mains. This includes the installation of approximately 450 feet of 4-inch, 690 feet of 6-inch, 13,255 feet of 8-inch, 1,410 feet of 12-inch and 10 feet of 16-inch water mains, and approximately 14,345 feet of 8-inch, 1,075 feet of 10-inch, 360 feet of 12-inch, 1,050 feet of 16-inch and 1,490 feet of 18-inch wastewater mains. The project also includes the rehabilitation of 4,170 feet of 6-inch through 18-inch wastewater mains.

The existing water and wastewater mains were built between 1925 and 1978. These mains are contributing to an increase in maintenance costs as well as service interruptions. The installation and rehabilitation of the proposed segments will improve the capacity of the water and wastewater systems and reduce maintenance costs.

Ark Contracting Services, LLC has no completed contractual activities with the City of Dallas in the past three years.

**ESTIMATED SCHEDULE OF PROJECT**

Began Design	October 2013
Completed Design	January 2016
Begin Construction	October 2016
Complete Construction	October 2018

**PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)**

Authorized a professional services contract with Criado & Associates, Inc. to provide engineering services for the replacement and rehabilitation of water mains and wastewater mains on September 11, 2013, by Resolution No. 13-1582.

Information about this item will be provided to the Transportation & Trinity River Project Committee on August 8, 2016.

**FISCAL INFORMATION**

\$10,443,584.00 - Water Utilities Capital Improvement Funds

Design	\$ 968,880.50
Construction (this action)	<u>\$10,443,584.00</u>
Total Project Cost	\$11,412,464.50

<b><u>Council District</u></b>	<b><u>Amount</u></b>
2	\$ 2,386,780.00
4	\$ 3,504,770.00
5	\$ 175,000.00
6	\$ 1,300,700.00
7	\$ 1,791,500.00
9	\$ 763,500.00
14	<u>\$ 521,334.00</u>
Total	\$10,443,584.00

**M/WBE INFORMATION**

See attached.

**ETHNIC COMPOSITION**

**Ark Contracting Services, LLC**

Hispanic Female	0	Hispanic Male	131
Black Female	0	Black Male	0
White Female	5	White Male	21
Other Female	0	Other Male	0

**BID INFORMATION**

The following bids with quotes were opened on May 27, 2016:

\*Denotes successful bidder

<b><u>Bidders</u></b>	<b><u>Bid Amount</u></b>
*Ark Contracting Services, LLC 420 South Dick Price Road Kennedale, Texas 76060	\$10,443,584.00
John Burns Construction Company of Texas, Inc.	\$11,491,722.00
Camino Construction, L.P.	\$11,746,470.50
Atkins Brothers Equipment Company, Inc.	\$12,517,371.00
SYB Construction Co., Inc.	\$13,783,863.00

**OWNER**

**Ark Contracting Services, LLC**

Michael Calvert, Owner

**MAPS**

Attached

August 10, 2016

**WHEREAS**, bids were received on May 27, 2016 for the installation and rehabilitation of water and wastewater mains at 38 locations, Contract No. 16-013/014, listed as follows:

<u>BIDDERS</u>	<u>BID AMOUNT</u>
Ark Contracting Services, LLC	\$10,443,584.00
John Burns Construction Company of Texas, Inc.	\$11,491,722.00
Camino Construction, L.P.	\$11,746,470.50
Atkins Brothers Equipment Company, Inc.	\$12,517,371.00
SYB Construction Co., Inc.	\$13,783,863.00

**WHEREAS**, the bid submitted by Ark Contracting Services, LLC, 420 South Dick Price Road, Kennedale, Texas 76060, in the amount of \$10,443,584.00, is the lowest and best of all bids received.

**Now, Therefore,**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DALLAS:**

**Section 1.** That the bid submitted by Ark Contracting Services, LLC, in the amount of \$10,443,584.00, for doing the work covered by the plans, specifications, and contract documents, Contract No. 16-013/014, be accepted.

**Section 2.** That the City Manager is hereby authorized to execute a contract with Ark Contracting Services, LLC, for the installation and rehabilitation of water and wastewater mains at 38 locations, after approval as to form by the City Attorney.

**Section 3.** That the Chief Financial Officer is hereby authorized to disburse funds in an amount not to exceed \$10,443,584.00 from the Water Capital Improvement Fund and Wastewater Capital Improvement Fund as follows:

<u>FUND</u>	<u>DEPT</u>	<u>UNIT</u>	<u>OBJ</u>	<u>PRO</u>	<u>ENCUMBRANCE</u>	<u>VENDOR</u>
3115	DWU	PW40	4550	716013	CT-DWU716013CP	VS0000017816

Ark Contracting Services, LLC - (Contract No. 16-013) - \$7,519,380.48

<u>FUND</u>	<u>DEPT</u>	<u>UNIT</u>	<u>OBJ</u>	<u>PRO</u>	<u>ENCUMBRANCE</u>	<u>VENDOR</u>
2116	DWU	PS40	4560	716014	CT-DWU716014CP	VS0000017816

Ark Contracting Services, LLC - (Contract No. 16-014) - \$2,924,203.52

**Section 4.** That this resolution shall take effect immediately from and after its passage in accordance with the provisions of the Charter of the City of Dallas, and it is accordingly so resolved.

## BUSINESS INCLUSION AND DEVELOPMENT PLAN SUMMARY

**PROJECT:** Authorize a contract for the installation and rehabilitation of water and wastewater mains at 38 locations (list attached) - Ark Contracting Services, LLC, lowest responsible bidder of five - Not to exceed \$10,443,584 - Financing: Water Utilities Capital Improvement Funds

Ark Contracting Services, LLC is a local, non-minority firm, has signed the "Business Inclusion & Development" documentation, and proposes to use the following sub-contractors.

**PROJECT CATEGORY:** Construction

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### LOCAL/NON-LOCAL CONTRACT SUMMARY

	<u>Amount</u>	<u>Percent</u>
Total local contracts	\$8,490,298.00	81.30%
Total non-local contracts	\$1,953,286.00	18.70%
<b>TOTAL CONTRACT</b>	<b>\$10,443,584.00</b>	<b>100.00%</b>

### LOCAL/NON-LOCAL M/WBE PARTICIPATION

#### Local Contractors / Sub-Contractors

<u>Local</u>	<u>Certification</u>	<u>Amount</u>	<u>Percent</u>
Reyes Group, Ltd	HMMB62815Y0816	\$380,000.00	4.48%
J & A Trucking	HMMB64410N0317	\$200,000.00	2.36%
LKT & Associates, LLC	WFDB26473Y1016	\$1,200,000.00	14.13%
Magnum Manhole & Underground Company	WFDB06880Y0617	\$55,000.00	0.65%
<b>Total Minority - Local</b>		<b>\$1,835,000.00</b>	<b>21.61%</b>

#### Non-Local Contractors / Sub-Contractors

<u>Non-local</u>	<u>Certification</u>	<u>Amount</u>	<u>Percent</u>
Cowtown Redi-Mix, Inc.	WFWB06682Y0916	\$780,000.00	39.93%
A.N.A. Consultants, LLC	WFDB57431Y0516	\$30,000.00	1.54%
<b>Total Minority - Non-local</b>		<b>\$810,000.00</b>	<b>41.47%</b>

# BUSINESS INCLUSION AND DEVELOPMENT PLAN SUMMARY

Page 2

## TOTAL M/WBE CONTRACT PARTICIPATION

	<u>Local</u>	<u>Percent</u>	<u>Local &amp; Non-Local</u>	<u>Percent</u>
African American	\$0.00	0.00%	\$0.00	0.00%
Hispanic American	\$580,000.00	6.83%	\$580,000.00	5.55%
Asian American	\$0.00	0.00%	\$0.00	0.00%
Native American	\$0.00	0.00%	\$0.00	0.00%
WBE	\$1,255,000.00	14.78%	\$2,065,000.00	19.77%
Total	<u>\$1,835,000.00</u>	<u>21.61%</u>	<u>\$2,645,000.00</u>	<u>25.33%</u>

## Installation of Water and Wastewater Mains

### **District 2**

Alley between Beaumont Street and Hickory Street from southwest of Park Avenue southwest  
Alley between Lockheed Avenue and Prosper Street from Savage Street to Linnet Lane  
Alley between Prosper Street and Kenwell Street from Linnet Lane to Starling Circle  
Beacon Street from East Grand Avenue to Winslow Avenue  
\*Foley Street from Haskell Avenue to Hay Street  
Roper Street from north of Linnet Lane south  
Swiss Avenue from Peak Street to Carroll Avenue

### **District 4**

Alley east of Storey Street from Foster Avenue to Pembroke Avenue  
Brooklyn Avenue from Storey Street to Havendon Circle  
Easement east of Cumberland Street from Suffolk Avenue to Clarendon Drive  
Foster Avenue from Storey Street east  
Havendon Circle from Suffolk Avenue to Brooklyn Avenue  
Kostner Avenue from Ann Arbor Avenue to Exeter Avenue  
Ledbetter Drive from Bonnie View Road to Corrigan Avenue  
Michigan Avenue from Iowa Avenue to Louisiana Avenue  
Page Avenue from east of Storey Street east  
Pembroke Avenue from Storey Street to Havendon Circle  
Storey Street from Havendon Circle to Pembroke Avenue  
Suffolk Avenue from Cumberland Street to Havendon Circle

### **District 5**

Ava Lane from Piedmont Drive to Eccles Drive

### **District 6**

Alley between Mobile Street and Stafford Avenue from Willomet Avenue to Wickmere Mews  
Walmsley Avenue from Neal Street to Malone Drive

**Installation of Water and Wastewater Mains  
Page 2**

**District 7**

Baltic Street from Marshall Street to Carpenter Avenue  
Colonial Avenue from Al Lipscomb Way southeast  
Colonial Avenue from Stoneman Street to Marburg Street  
\*(Foley Street from Haskell Avenue to Hay Street)  
(See District 2)  
Jordan Street from Octavia Street to Latimer Street  
Martin Luther King Jr. Boulevard from Admiral Nimitz Circle  
to Washington Street  
Pine Street from Waldron Avenue to Crozier Street  
Sonny Circle from Spring Avenue to Lagow Street  
York Street from Todd Street to DART right of way

**District 9**

Brendenwood Drive from Lakewood Boulevard south  
Lakewood Boulevard from Brendenwood Drive to  
Hideaway Drive  
Losa Drive from Tranquilla Drive southwest  
Loving Avenue from Pasadena Avenue to Winsted Drive  
Tranquilla Drive from Redondo Drive to Losa Drive

**District 14**

Easement north of Meadow Bend Drive from Southwestern  
Boulevard southeast  
Matilda Street from Bryan Street north  
Sevilla Street from Clermont Avenue to Valencia Street

\*Project limits in more than one Council District



**KEY FOCUS AREA:** Economic Vibrancy  
**AGENDA DATE:** August 10, 2016  
**COUNCIL DISTRICT(S):** Outside City Limits  
**DEPARTMENT:** Water Utilities  
**CMO:** Mark McDaniel, 670-3256  
**MAPSCO:** 50A N S T

---

**SUBJECT**

Authorize an increase in the contract with AUI Contractors, LLC for additional work associated with the East Side Water Treatment Plant filter to waste and electrical improvements project - Not to exceed \$136,430, from \$21,970,756 to \$22,107,186 - Financing: Water Utilities Capital Improvement Funds

**BACKGROUND**

The Eastside Water Treatment Plant (ESWTP) filter to waste and electrical improvements project includes modification of the existing piping in filter Stages I - III to provide improved filter operation and reliability. The electrical improvements include the installation of new higher voltage power distribution feeders to the high electrical load facilities, which will reduce energy losses between the substation and electrical loads, and improve operational reliability by transferring loads to the new Oncor substation constructed on site. This project is part of the on-going water quality improvements at the ESWTP.

This action will authorize additional work identified during the construction of the filter to waste and electrical improvements project as a result of unforeseen site conditions. The additional work includes repairs to the Stage 1 Influent Flume to fix leaking joints, replacement of mechanical piping in the filter building that has experienced severe corrosion, and replacement of actuators and limit switches that have reached the end of the service life. This work is necessary to provide a complete and functioning facility.

**ESTIMATED SCHEDULE OF PROJECT**

Began Design	July 2011
Completed Design	March 2012
Began Construction	August 2012
Complete Construction	November 2016

**PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)**

Authorized a professional services contract with Black & Veatch Corporation to provide engineering services for the East Side Water Treatment Plant water quality improvements on June 23, 2010, by Resolution No. 10-1639.

Authorized Supplemental Agreement No. 1 to the professional services contract with Black & Veatch Corporation for additional engineering design services for the East Side Water Treatment Plant water quality improvements on June 22, 2011, by Resolution No. 11-1737.

Authorized a contract with AUI Contractors, LLC for the construction of the East Side Water Treatment Plant filter to waste and electrical improvements project on June 27, 2012, by Resolution No. 12-1665.

Information about this item will be provided to the Transportation & Trinity River Project Committee on August 8, 2016.

**FISCAL INFORMATION**

\$136,430.00 - Water Utilities Capital Improvement Funds

Design	\$ 2,047,315.00
Supplemental Agreement No. 1	\$ 3,995,000.00
Construction Contract	\$21,970,756.00
Change Order No. 1 (this action)	<u>\$ 136,430.00</u>
Total Project Cost	\$28,149,501.00

**M/WBE INFORMATION**

See attached.

**ETHNIC COMPOSITION**

AUI Contractors, LLC

Hispanic Female	6	Hispanic Male	85
Black Female	0	Black Male	4
White Female	12	White Male	72
Other Female	0	Other Male	4

**OWNER**

**AUI Contractors, LLC**

B. Doug Alumbaugh, President

**MAP**

Attached

August 10, 2016

**WHEREAS**, on June 27, 2012, the City Council awarded Contract No. 12-141 in the amount of \$21,970,756.00, by Resolution No. 12-1665, to AUI Contractors, LLC, for the construction of the East Side Water Treatment Plant filter to waste and electrical improvements project; and,

**WHEREAS**, additional work is required to complete construction of the filter to waste and electrical improvements; and,

**WHEREAS**, AUI Contractors, LLC, 4775 North Freeway, Fort Worth, Texas 76106, has submitted an acceptable proposal for this additional work; and,

**WHEREAS**, Dallas Water Utilities recommends that Contract No. 12-141 be increased by \$136,430.00, from \$21,970,756.00 to \$22,107,186.00.

**Now, Therefore,**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DALLAS:**

**Section 1.** That the proposed Change Order No. 1 be accepted and that Contract No. 12-141 with AUI Contractors, LLC, be revised accordingly.

**Section 2.** That the Chief Financial Officer is hereby authorized to disburse funds in an amount not to exceed \$136,430.00 from the Water Capital Improvement Fund as follows:

<u>FUND</u>	<u>DEPT</u>	<u>UNIT</u>	<u>OBJ</u>	<u>PRO</u>	<u>ENCUMBRANCE</u>	<u>VENDOR</u>
3115	DWU	PW32	4320	712141	CT-DWU712141CP	259651

AUI Contractors, LLC - (Contract No. 12-141) - \$136,430.00

**Section 3.** That this resolution shall take effect immediately from and after its passage in accordance with the provisions of the Charter of the City of Dallas, and it is accordingly so resolved.

## **BUSINESS INCLUSION AND DEVELOPMENT PLAN SUMMARY**

**PROJECT:** Authorize an increase in the contract with AUI Contractors, LLC for additional work associated with the East Side Water Treatment Plant filter to waste and electrical improvements project - Not to exceed \$136,430, from \$21,970,756 to \$22,107,186 - Financing: Water Utilities Capital Improvement Funds

AUI Contractors, LLC is a non-local, non-minority firm, has signed the "Business Inclusion & Development" documentation, and proposes to use the following sub-contractors.

**PROJECT CATEGORY:** Construction

### LOCAL/NON-LOCAL CONTRACT SUMMARY - THIS ACTION ONLY

	<u>Amount</u>	<u>Percent</u>
Local contracts	\$20,785.00	15.23%
Non-local contracts	\$115,645.00	84.77%
<b>TOTAL THIS ACTION</b>	<u>\$136,430.00</u>	<u>100.00%</u>

### LOCAL/NON-LOCAL M/WBE PARTICIPATION THIS ACTION

#### Local Contractors / Sub-Contractors

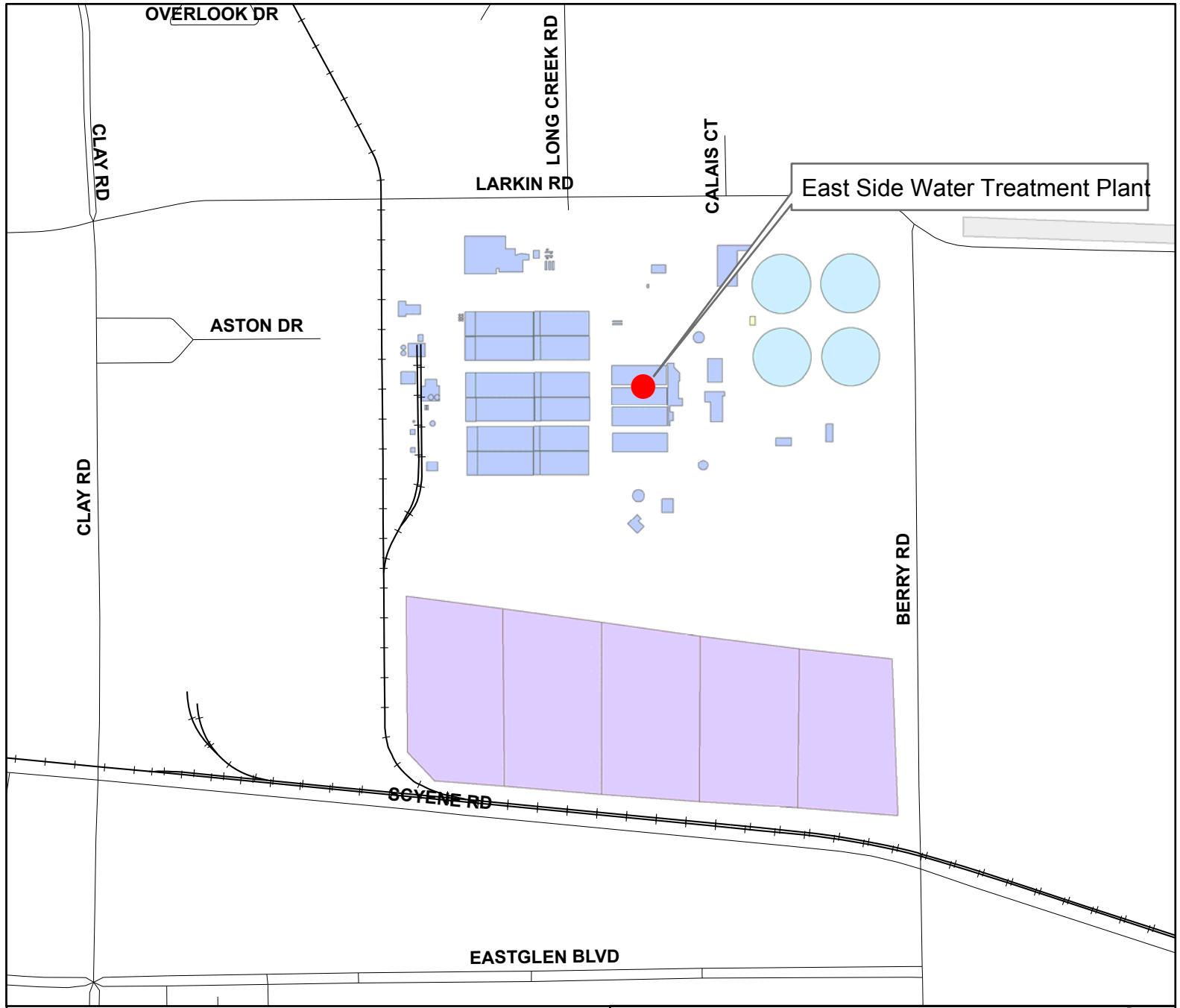
<u>Local</u>	<u>Certification</u>	<u>Amount</u>	<u>Percent</u>
Ram Tool & Supply	HMMB25567Y0917	\$1,106.00	5.32%
<b>Total Minority - Local</b>		<u>\$1,106.00</u>	<u>5.32%</u>

#### Non-Local Contractors / Sub-Contractors

<u>Non-local</u>	<u>Certification</u>	<u>Amount</u>	<u>Percent</u>
H & H Restoration, Inc.	WFWB61794N0516	\$18,904.68	16.35%
LKT & Associates, LLC	WFDB26473Y1016	\$5,739.00	4.96%
<b>Total Minority - Non-local</b>		<u>\$24,643.68</u>	<u>21.31%</u>

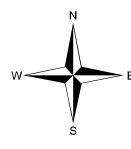
### TOTAL M/WBE PARTICIPATION

	<u>This Action</u>		<u>Participation to Date</u>	
	<u>Amount</u>	<u>Percent</u>	<u>Amount</u>	<u>Percent</u>
African American	\$0.00	0.00%	\$0.00	0.00%
Hispanic American	\$1,106.00	0.81%	\$829,800.00	3.75%
Asian American	\$0.00	0.00%	\$8,000.00	0.04%
Native American	\$0.00	0.00%	\$0.00	0.00%
WBE	\$24,643.68	18.06%	\$4,682,468.68	21.18%
<b>Total</b>	<u>\$25,749.68</u>	<u>18.87%</u>	<u>\$5,520,268.68</u>	<u>24.97%</u>



East Side Water Treatment Plant

Mapsc0: 50A N S T



Council District: Outside City Limits

**Dallas Water Utilities  
 Contract No. 12-141, Change Order No. 1  
 East Side Water Treatment Plant  
 Filter to Waste and Electrical Improvements**

**KEY FOCUS AREA:** Economic Vibrancy  
**AGENDA DATE:** August 10, 2016  
**COUNCIL DISTRICT(S):** 10  
**DEPARTMENT:** Water Utilities  
**CMO:** Mark McDaniel, 670-3256  
**MAPSCO:** 17 W 18 W

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**SUBJECT**

Authorize Supplemental Agreement No. 1 to the engineering services contract with Freese and Nichols, Inc. for additional engineering services associated with the replacement of the Plano Road elevated water storage tank and rehabilitation of the Abrams Road ground storage reservoir and pump station facility - Not to exceed \$1,286,023, from \$490,000 to \$1,776,023 - Financing: Water Utilities Capital Construction Funds

**BACKGROUND**

This action is the second of two planned awards for engineering services associated with rehabilitation improvements to the Plano Road elevated water storage tank and the Abrams Pump Station and reservoir, both of which are located within the North High Pressure Zone. The original contract evaluated various rehabilitation alternatives for each facility and produced a design report with the recommended improvements. This Supplemental Agreement No. 1 will provide engineering services for the preparation of detailed construction drawings and specifications, as well as services during construction based on the recommended improvements.

The Plano Road elevated storage tank is a two million gallon potable water storage tank located at 10521 Forest Lane (near the intersection of Forest Lane and Plano Road) and serves the northeast area of Dallas. The existing multi-leg structure was placed into service in 1961 and is now near the end of its service life. The preliminary design identified significant corrosion to structural steel, ladders, safety railings and the steel plate making up the bowl. The design report recommended replacement of the existing tank over rehabilitation based on lower life cycle costs and less service disruption to customers during construction. The new elevated storage tank will be a composite tank having an estimated service life of 75 years.

**BACKGROUND** (Continued)

This action also includes engineering services for rehabilitation improvements at the Abrams Road Pump Station to extend its service life. The Abrams Road facility is located at 9241 Forest Lane (between Greenville Avenue and Abrams Road) and was placed into service in 1990. The site includes a 10 million gallon ground storage tank and a pump station with an installed pump capacity of nearly 200 million gallons per day. The work at the Abrams Road facility includes repairs to ladders, overflow piping, hatches and valves associated with the tank. Also included are drainage and waterproofing repairs to prevent water intrusion into the pump station which is located below grade.

**ESTIMATED SCHEDULE OF PROJECT**

Begin Design	September 2016
Complete Design	February 2017
Begin Construction	May 2017
Complete Construction	October 2018

**PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)**

Authorized a professional services contract with Freese and Nichols, Inc. to provide engineering services to investigate rehabilitation or replacement of the Plano Road elevated water storage tank and rehabilitation of the Abrams Road ground storage reservoir and pump station facility on October 8, 2014, by Resolution No. 14-1698.

Information about this item will be provided to the Transportation & Trinity River Project Committee on August 8, 2016.

**FISCAL INFORMATION**

\$1,286,023.00 - Water Utilities Capital Construction Funds

Preliminary Design	\$ 490,000.00
Supplemental Agreement No. 1 (this action)	<u>\$1,286,023.00</u>
Total Project Cost	\$1,776,023.00

**M/WBE INFORMATION**

See attached.



**ETHNIC COMPOSITION**

**Freese and Nichols, Inc.**

Hispanic Female	20	Hispanic Male	35
Black Female	4	Black Male	10
White Female	138	White Male	310
Other Female	7	Other Male	15

**OWNER**

**Freese and Nichols, Inc.**

Robert L. Herchert, Chairman of the Board

**MAPS**

Attached

## **BUSINESS INCLUSION AND DEVELOPMENT PLAN SUMMARY**

**PROJECT:** Authorize Supplemental Agreement No. 1 to the engineering services contract with Freese and Nichols, Inc. for additional engineering services associated with the replacement of the Plano Road elevated water storage tank and rehabilitation of the Abrams Road ground storage reservoir and pump station facility - Not to exceed \$1,286,023, from \$490,000 to \$1,776,023 - Financing: Water Utilities Capital Construction Funds

Freese and Nichols, Inc. is a local, non-minority firm, has signed the "Business Inclusion & Development" documentation, and proposes to use the following sub-consultants.

**PROJECT CATEGORY:** Architecture & Engineering

### **LOCAL/NON-LOCAL CONTRACT SUMMARY - THIS ACTION ONLY**

	<u>Amount</u>	<u>Percent</u>
Local contracts	\$1,250,298.00	97.22%
Non-local contracts	\$35,725.00	2.78%
<b>TOTAL THIS ACTION</b>	<b>\$1,286,023.00</b>	<b>100.00%</b>

### **LOCAL/NON-LOCAL M/WBE PARTICIPATION THIS ACTION**

#### **Local Contractors / Sub-Contractors**

<u>Local</u>	<u>Certification</u>	<u>Amount</u>	<u>Percent</u>
Mbroh Engineering, Inc.	BMDB12885Y0417	\$236,371.00	18.91%
HVJ Associates, Inc.	BMMB35607N0718	\$6,348.00	0.51%
Gorrondona & Associates, Inc.	HMMB86153Y0718	\$23,655.00	1.89%
Moye Consulting	WFDB83994Y0517	\$76,422.00	6.11%
<b>Total Minority - Local</b>		<b>\$342,796.00</b>	<b>27.42%</b>

#### **Non-Local Contractors / Sub-Contractors**

<u>Non-local</u>	<u>Certification</u>	<u>Amount</u>	<u>Percent</u>
The Rios Group	HFDB27179Y0717	\$35,725.00	100.00%
<b>Total Minority - Non-local</b>		<b>\$35,725.00</b>	<b>100.00%</b>

**BUSINESS INCLUSION AND DEVELOPMENT PLAN SUMMARY**  
**Page 2**

**TOTAL M/WBE PARTICIPATION**

	<b>This Action</b>		<b>Participation to Date</b>	
	<b><u>Amount</u></b>	<b><u>Percent</u></b>	<b><u>Amount</u></b>	<b><u>Percent</u></b>
African American	\$242,719.00	18.87%	\$364,549.00	20.53%
Hispanic American	\$59,380.00	4.62%	\$65,750.00	3.70%
Asian American	\$0.00	0.00%	\$0.00	0.00%
Native American	\$0.00	0.00%	\$0.00	0.00%
WBE	\$76,422.00	5.94%	\$76,422.00	4.30%
Total	<u>\$378,521.00</u>	<u>29.43%</u>	<u>\$506,721.00</u>	<u>28.53%</u>

August 10, 2016

**WHEREAS**, on October 8, 2014, the City Council awarded Contract No. 14-403E in the amount of \$490,000.00, by Resolution No. 14-1698, to Freese and Nichols, Inc., to provide engineering services to investigate rehabilitation or replacement of the Plano Road elevated water storage tank and rehabilitation of the Abrams Road ground storage reservoir and pump station facility; and,

**WHEREAS**, Dallas Water Utilities has accepted the consultant's recommendations to remove the Plano Road water elevated storage tank and replace it with a new composite tank and recommendations for improvements to the Abrams Road ground storage reservoir pump station facility; and,

**WHEREAS**, engineering services, Phase 2, are required for developing plans and specifications for both water facility projects; and,

**WHEREAS**, Freese and Nichols, Inc., 2711 North Haskell Avenue, Suite 3300, Dallas, Texas 75204, has submitted an acceptable proposal to provide these engineering services; and,

**WHEREAS**, Dallas Water Utilities recommends that Contract No. 14-403E be increased by \$1,286,023.00, from \$490,000.00 to \$1,776,023.00.

**Now, Therefore,**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DALLAS:**

**Section 1.** That the proposed Supplemental Agreement No. 1 be accepted and that Contract No. 14-403E with Freese and Nichols, Inc., be revised accordingly.

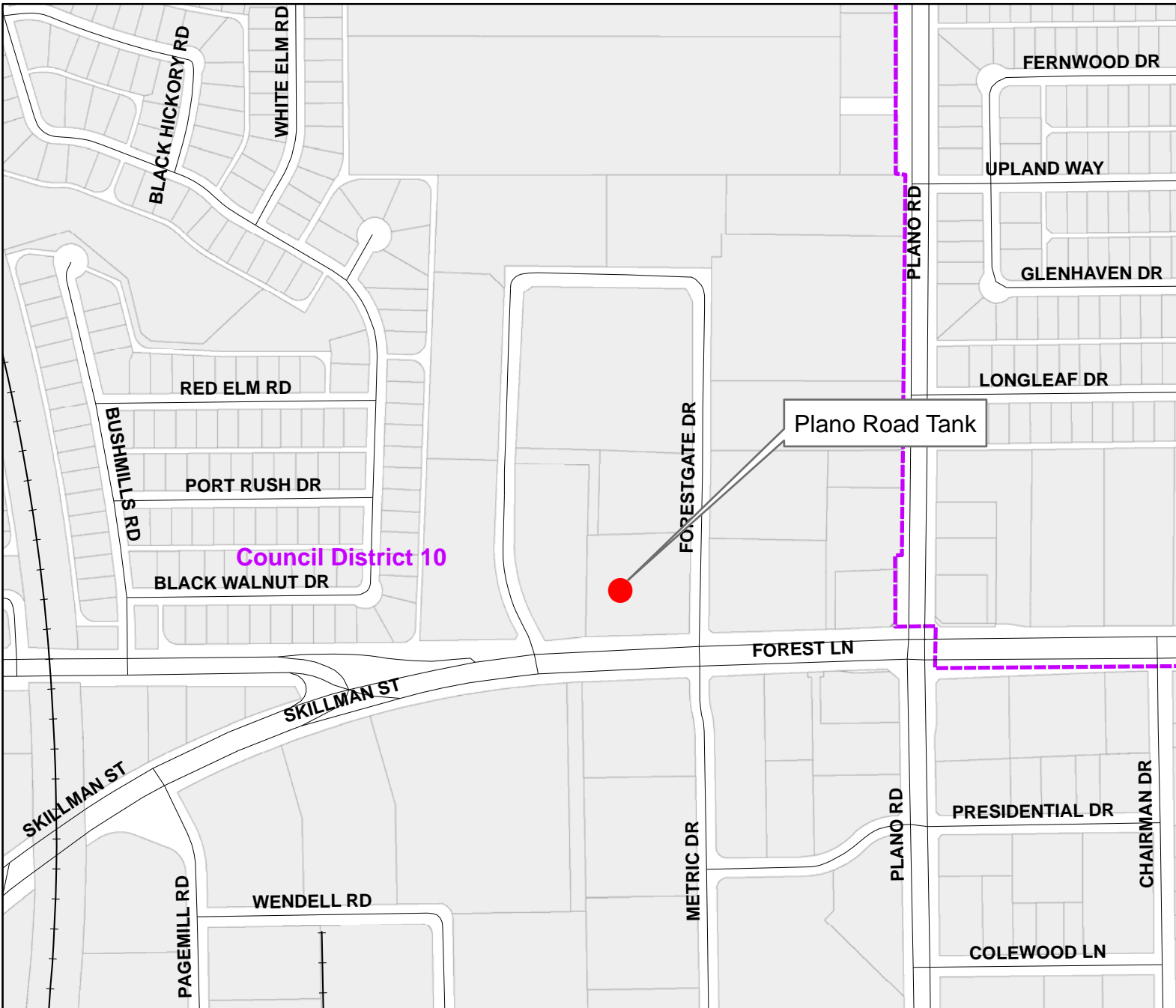
**Section 2.** That the City Manager is hereby authorized to execute the contract after it has been approved as to form by the City Attorney.

**Section 3.** That the Chief Financial Officer is hereby authorized to disburse funds in an amount not to exceed \$1,286,023.00 from the Water Construction Fund as follows:

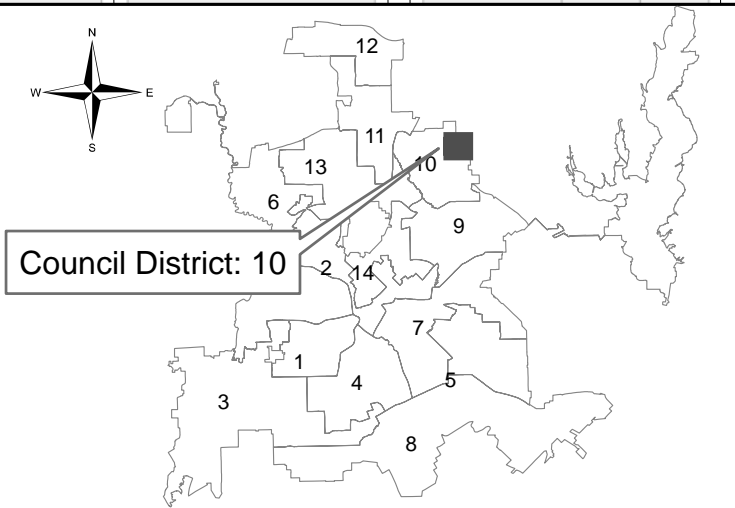
<u>FUND</u>	<u>DEPT</u>	<u>UNIT</u>	<u>OBJ</u>	<u>PRO</u>	<u>ENCUMBRANCE</u>	<u>VENDOR</u>
0102	DWU	CW40	4111	714403	CT-DWU714403EA	347200

Freese and Nichols, Inc. - (Contract No. 14-403E) - \$1,286,023.00

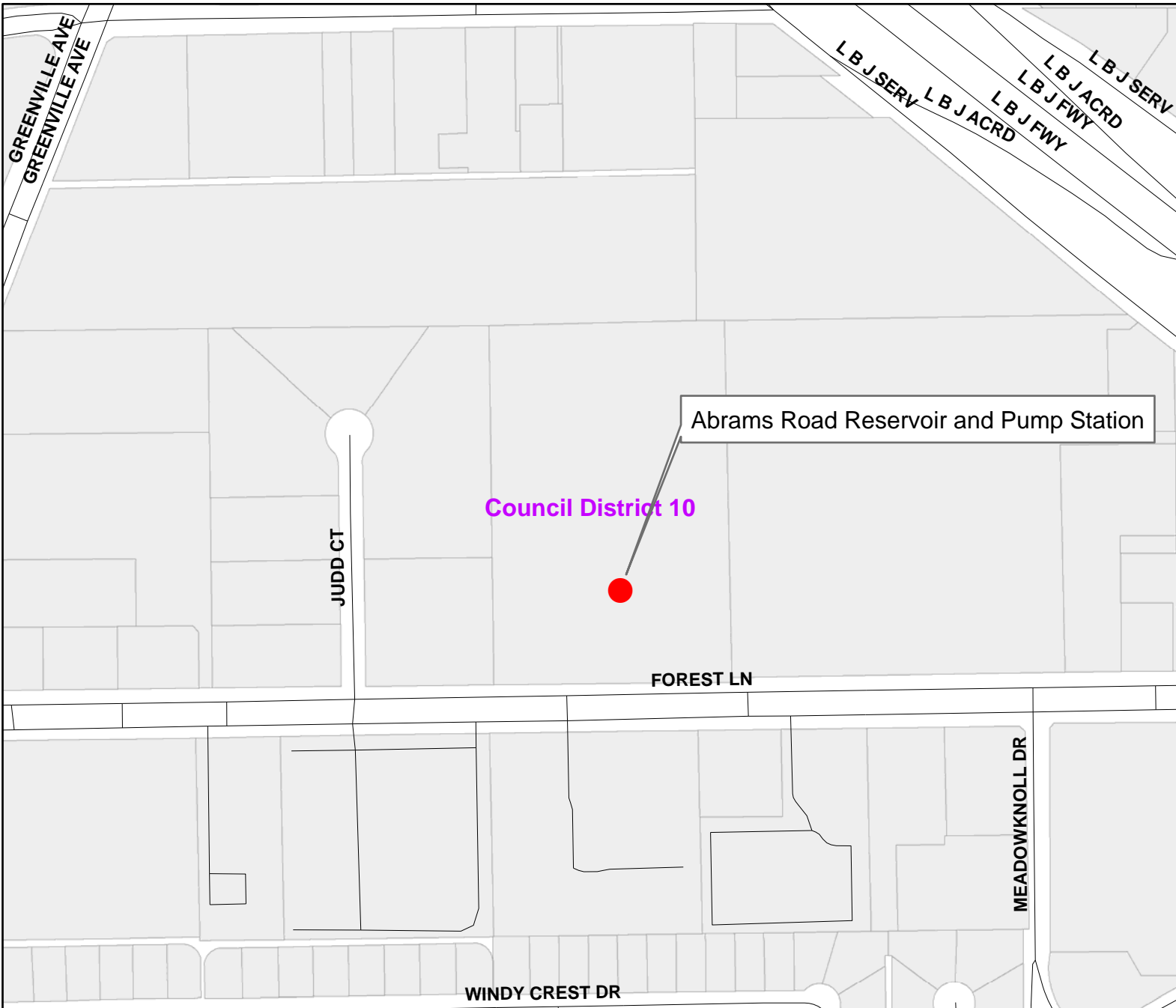
**Section 4.** That this resolution shall take effect immediately from and after its passage in accordance with the provisions of the Charter of the City of Dallas, and it is accordingly so resolved.



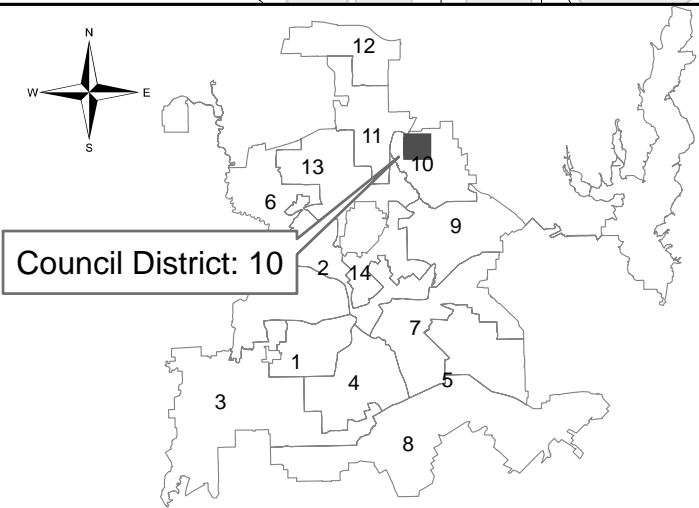
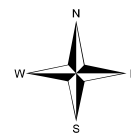
Mapsc0: 18 W



**Dallas Water Utilities**  
**Contract No. 14-403E, Supplemental Agreement No. 1**  
**Replacement of Plano Road Elevated Storage Tank**  
**Rehabilitation of Abrams Road Ground Storage Reservoir and Pump Station Facility**



Mapsc0: 17 W



**KEY FOCUS AREA:** Economic Vibrancy  
**AGENDA DATE:** August 10, 2016  
**COUNCIL DISTRICT(S):** 6  
**DEPARTMENT:** Trinity Watershed Management  
**CMO:** Mark McDaniel, 670-3256  
**MAPSCO:** 22 P T

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**SUBJECT**

A public hearing to receive comments regarding the application for and approval of the fill permit and removal of the floodplain (FP) prefix from approximately 8.08 acres of the current 10.90 acres of land in the floodplain, located at 1840 Ryan Road, within the floodplain of Elm Fork of the Trinity River, Fill Permit 15-07 - Financing: No cost consideration to the City

**BACKGROUND**

This request is to fill approximately 8.08 acres of the current 10.90 acres of floodplain, from a total tract of 13.90 acres, to be used for a scrap metal processing facility. The proposed fill is located at 1840 Ryan Road, within the floodplain of Elm Fork of the Trinity River.

A neighborhood meeting was held at the Bachman Therapeutic Recreation Center on June 14, 2016. Attendees included the developer's engineer, the developer's representative, and five City staff members. No citizens from the area attended. There has been no objection to the fill permit.

The fill permit application meets all engineering requirements for filling in the floodplain as specified in Part II of the Dallas Development Code, Section 51A-5.105(h). The applicant has not requested a waiver of any criteria. Accordingly, the City Council should approve this application; or, it may pass a resolution to authorize acquisition of the property under the laws of eminent domain and may then deny the application in order to preserve the status quo until acquisition.

**PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)**

Information about this item will be provided to the Transportation and Trinity River Project Committee on August 8, 2016.

**FISCAL INFORMATION**

No cost consideration to the City.

**OWNER/APPLICANT**

Venture Metals  
1970 Crown Road  
Farmers Branch, TX 75234

**ENGINEER**

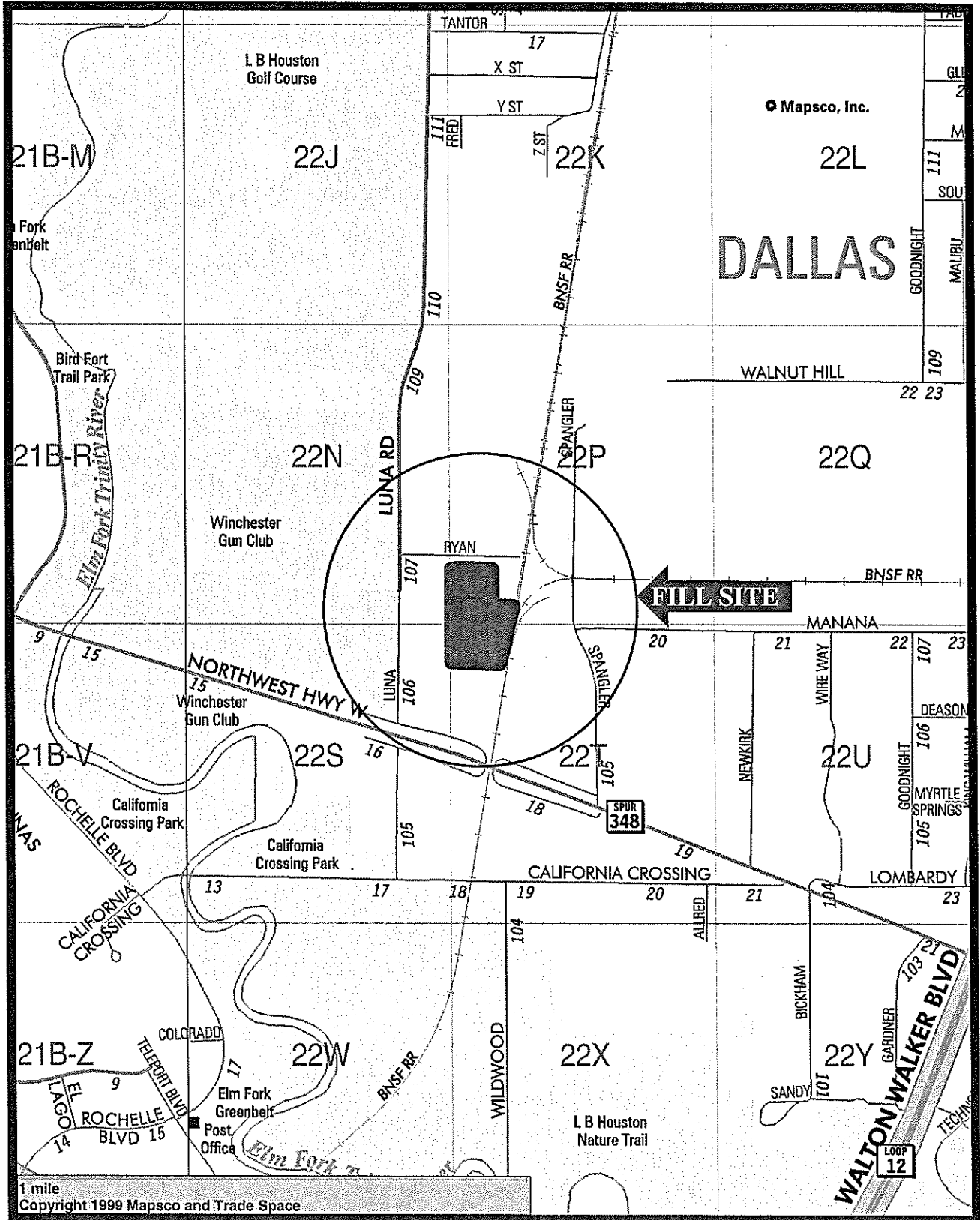
Kyle A. Dickey, P.E., CFM  
Kimley-Horn and Associates, Inc.  
5750 Genesis Court  
Frisco, Texas 75034

**MAP**

Attached



# FILL PERMIT 15-07



# MAPSCO 22-P, 22-T

**KEY FOCUS AREA:** Economic Vibrancy  
**AGENDA DATE:** August 10, 2016  
**COUNCIL DISTRICT(S):** 6  
**DEPARTMENT:** Trinity Watershed Management  
**CMO:** Mark McDaniel, 670-3256  
**MAPSCO:** 22 Z

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**SUBJECT**

A public hearing to receive comments regarding the application for and approval of the fill permit and removal of the floodplain (FP) prefix from approximately 0.0988 acres of the current 0.1326 acres of land located at northwest corner of IH-35 and Northwest Highway, within the floodplain of Elm Fork of the Trinity River, Fill Permit 16-03 - Financing: No cost consideration to the City

**BACKGROUND**

This request is to fill approximately 0.0988 acres of the current 0.1326 acres of floodplain, from a total tract of 1.25 acres, to be used for a restaurant. The proposed fill is located at northwest corner of IH-35 and Northwest Highway, within the floodplain of Elm Fork of Trinity River.

A neighborhood meeting was held at the Bachman Therapeutic Recreation Center on July 14, 2016. Attendees included the developer's three engineers, four City staff members, and two citizens from the area attended. There has been no objection to the fill permit.

The fill permit application meets all engineering requirements for filling in the floodplain as specified in Part II of the Dallas Development Code, Section 51A-5.105(h). The applicant has not requested a waiver of any criteria. Accordingly, the City Council should approve this application; or, it may pass a resolution to authorize acquisition of the property under the laws of eminent domain and may then deny the application in order to preserve the status quo until acquisition.

**PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)**

Information about this item will be provided to the Transportation and Trinity River Project Committee on August 8, 2016.

**FISCAL INFORMATION**

No cost consideration to the City.

**OWNER/APPLICANT**

Ms. LuAron McCormack  
Raising Cane's  
6800 Bishop Road  
Plano, Texas 75034

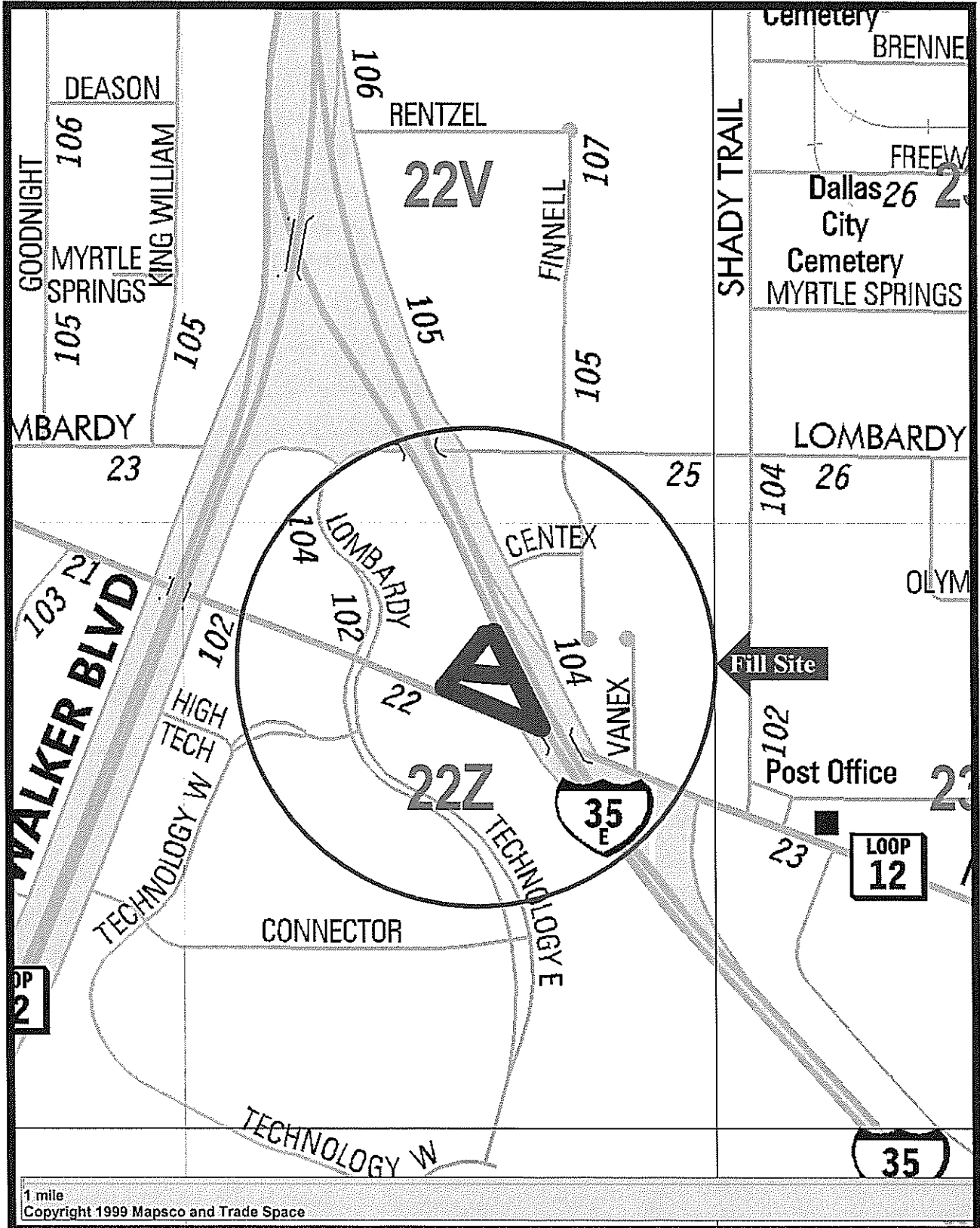
**ENGINEER**

Mr. Kyle A. Dickey, P.E., CFM,  
Kimley-Horn and Associates, Inc.  
5750 Genesis Court, Suite 200  
Frisco, Texas 75034

**MAP**

Attached

Fill Permit 16-03



**KEY FOCUS AREA:** Economic Vibrancy  
**AGENDA DATE:** August 10, 2016  
**COUNCIL DISTRICT(S):** 9  
**DEPARTMENT:** Planning and Urban Design  
**CMO:** Alan Sims, Chief of Neighborhood Plus, 670-1611  
**MAPSCO:** 38 G L M; 39 J K

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**SUBJECT**

A public hearing to receive comments to amend the City of Dallas Thoroughfare Plan to change the dimensional classification of Gus Thomasson Road from Easton Road to Mesquite City Limits from an existing (EXISTING) roadway designation to a special four-lane divided (SPCL 4D) roadway within 80 to 85 feet of right-of-way; and at the close of the hearing, authorize an ordinance implementing the change - Financing: No cost consideration to the City

**BACKGROUND**

The proposed amendment aligns with the community’s vision outlined in the draft Greater Casa View Area Plan which prioritizes pedestrian enhancements. This Complete Streets project will create a multi-modal sustainable roadway that will improve walkability and enhance the pedestrian experience by widening the sidewalk and adding a landscape buffer between pedestrians and vehicles. It will improve safety in the area by adding pedestrian lighting. The reduced cross section can accommodate existing and projected traffic volumes.

**PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)**

The City Plan Commission Transportation Committee acted on this item on May 5, 2016, and followed staff recommendation of approval.

The City Plan Commission acted on this item on May 19, 2016, and followed staff recommendation of approval.

**FISCAL INFORMATION**

No cost consideration to the City.

**MAP**

Attached

# Gus Thomasson Road

Easton Road to Mesquite City Limits

Council District: 9

MAPSCO: 38-G,L,M; 39-J,K



Thoroughfare Plan Amendment Map

