

TRANSPORTATION & TRINITY RIVER PROJECT COMMITTEE  
DALLAS CITY COUNCIL COMMITTEE AGENDA

RECEIVED

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CITY SECRETARY  
DALLAS, TEXAS

MONDAY, APRIL 25, 2016  
CITY HALL  
COUNCIL BRIEFING ROOM, 6ES  
1500 MARILLA  
DALLAS, TEXAS 75201  
1:00 P.M. – 2:30 P.M.  
*REVISED*

**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. Upcoming Agenda Items  
(See Attached List) Lee M. Kleiman, Chair
3. Trinity River Corridor Project  
Dallas Floodway and Dallas Floodway  
Extension Project Updates Brian S. Kamisato, P.E., PMP, Deputy District  
Engineer for Programs and Project Management,  
Fort Worth District U.S. Army Corps of Engineers  
Jon Loxley, Program Manager, Trinity River  
Corridor Project, U.S. Army Corps of Engineers  
Sarah Standifer, Director, Trinity Watershed  
Management Department
4. Bond Program Policy and Technical Selection  
Criteria for Prioritizing Street Projects Mark Rauscher, Interagency Transportation  
Construction Administrator, Public Works  
Department

Adjourn



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

**Upcoming Agenda Items  
April 27, 2016**

- A. Agenda Item #33: Authorize an increase in the construction services contract with Phoenix 1 Restoration and Construction, Ltd. for the additional work required for the renovation of the Old Municipal Building located at 106 South Harwood Street - Not to exceed \$1,062,969, from \$12,103,302 to \$13,166,270 (PBW)
- B. Agenda Item #35: Authorize Supplemental Agreement No. 8 to the professional services contract with Conley Group, Inc. for additional design and construction oversight for exterior renovation of 106 South Harwood Street - Not to exceed \$191,973, from \$1,238,770 to \$1,430,743 (PBW)
- C. Agenda Item #36: Authorize a professional services contract with Kimley-Horn and Associates, Inc., most advantageous proposer of thirteen, to provide traffic signal design services for 39 traffic signals at various intersections and other related tasks - Not to exceed \$832,400 (STS)
- D. Agenda Item #37: Authorize (1) an Interlocal Agreement with the Texas Department of Transportation (TxDOT) to provide cost reimbursement for material and labor costs for traffic signal improvements at five locations Belt Line Road and Dallas Parkway, Hampton Road and Clarendon Drive, Hampton Road and Illinois Avenue, Hillcrest Road and Alpha Road, and Polk Street and Wheatland Road; (2) the receipt and deposit of funds from TxDOT in the amount of \$112,734; and (3) the establishment of appropriations in the amount of \$112,734 in the Texas Department of Transportation Grant Fund - Not to exceed \$112,734 (STS)
- E. Agenda Item #38: Authorize (1) a Local Project Advance Funding Agreement with the Texas Department of Transportation for a U.S. Department of Transportation - Federal Highway Administration 2014 Highway Safety Improvement Program grant to design, upgrade and construct five traffic signals and associated off system intersection improvements at Marsh Lane and Rosemeade Parkway, Bruton Road and Second Avenue, Forest Lane and Audelia Road, Plano Road and Miller Road and Royal Lane and Skillman Street; (2) a required local match in the amount of \$182,459; and (3) an amendment to Resolution No. 15-2223, previously approved on December 9, 2015, to identify a required local match for design of the traffic signals in the amount of \$100,500 - Total not to exceed \$1,849,784 (STS)
- F. Agenda Item #39: Authorize (1) a Local Project Advance Funding Agreement with the Texas Department of Transportation for a U.S. Department of Transportation - Federal Highway Administration 2014 Highway Safety Improvement Program grant to design, upgrade and construct five traffic signals and associated off system intersection improvements at Royal Lane and Abrams Road, Skillman Street and Walnut Hill Lane, Skillman Street and Lovers Lane, Walnut Hill Lane and Abrams Road and Webb Chapel Road and Larga Drive; (2) a required local match in the amount of \$149,601; and (3) an amendment to Resolution No. 15-2223, previously approved on December 9, 2015, to identify a required local match for design of the traffic signals in the amount of \$96,500 - Total not to exceed \$1,535,791 (STS)
- G. Agenda Item #45: Authorize professional services contracts with Garver, LLC for the engineering design of five erosion control improvement projects (list attached) - Not to exceed \$88,684 (TWM)
- H. Agenda Item #46: Authorize an increase in the contract with AUI Contractors, LLC for cooling water piping modifications, landscape improvements, pavement improvements and additional electrical improvements for the New Baker No. 3 Pump Station - Not to exceed \$375,822, from \$42,623,042 to \$42,998,864 (TWM)
- I. Agenda Item #47: Authorize ratification of emergency concrete channel construction to repair flood damage to a concrete lined channel along Joe's Creek in Northwest Dallas - Jeske Construction Company, lowest responsive bidder of four - Not to exceed \$104,352 (TWM)
- J. Agenda Item #48: Authorize ratification of emergency storm drainage pipe construction to repair a collapsed storm drainage pipe along Village Fair Place, from Ledbetter Drive to Five Mile Creek, with North Texas Contracting, Inc., lowest responsive bidder of three - Not to exceed \$208,980 (TWM)

K. Agenda Items #49 & #50:

Environmental Services

\*Authorize a professional services contract with AECOM Technical Services, Inc. to provide environmental services related to the construction or repair of water and wastewater mains, construction of new facilities, renovation of existing facilities, and general environmental services - Not to exceed \$697,937

\*Authorize a professional services contract with Terracon Consultants, Inc. to provide environmental services related to the construction or repair of stormwater drainage, maintenance inside the levee limits, soil stabilization for erosion control projects, construction of new facilities, renovation of existing facilities, and storm drain environmental services - Not to exceed \$628,611 (DWU)

L. Agenda Item #51: Authorize an increase in the contract with Cardinal Contractors, Inc. for additional work associated with grit removal improvements at the Central Wastewater Treatment Plant - Not to exceed \$284,821, from \$20,948,000 to \$21,232,821 (DWU)

M. Agenda Item #52: Authorize (1) approval of an Industrial, Commercial, Institutional (ICI) rebate application from S2/PBC Brookshire, LP in the amount of \$27,035, pursuant to Resolution No. 12-0530, previously approved on February 22, 2012; and (2) approval of an ICI rebate application from UT Southwestern Medical Center in the amount of \$38,533, pursuant to Resolution No. 12-0530, previously approved on February 22, 2012 (DWU)

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 and Trinity River Project Council Committee Meeting

## Meeting Minutes

**Meeting Date:** April 11, 2016

**Convened:** 1:04 p.m.

**Adjourned:** 2:42 p.m.

<b>Councilmembers:</b>	<b>Presenter(s):</b>
Lee M. Kleinman, Chair	Mark McDaniel, Assistant City Manager
Deputy Mayor Pro Tem Erik Wilson, Vice Chair	Gary Thomas, President/Executive Director DART
Mayor Pro Tem Monica R. Alonzo	
Sandy Greyson	
Casey Thomas II	
Adam Medrano	
<b>Councilmembers Absent:</b>	<b>Other Councilmembers present:</b>
None	B. Adam McGough
	Tiffinni A. Young
<b>City Staff Present:</b>	
Tanya Brooks	Jennifer Cottingham
Obeng Opoku-Acheampong	Milton Henderson
Jody Puckett	John Brunk
Rick Galceran	Robert L. Sims
Dianne Hahn	Jerry Ortega
Milton Brooks	Peer Chacko

### AGENDA:

**1. Approval of the March 21, 2016 Meeting Minutes**

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

**Action Taken/Committee Recommendation(s):** A motion was made to approve the minutes for the March 21, 2016.

Motion made by: DMPT Wilson

Item passed unanimously: X

Item failed unanimously:

Motion seconded by: MPT Alonzo

Item passed on a divided vote:

Item failed on a divided vote:

**2. DART Board Interviews and Selection**

**Presenters:** Lee M. Kleinman, Chair

**Action Taken/Committee Recommendation(s):** A motion was made to move forward the following candidates to full Council for two positions for the DART Board:

Sue S. Bauman

Motion made by: Sandy Greyson  
Item passed unanimously: X  
Item failed unanimously:

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

Richard E. Carrizales

Motion made by: MPT Alonzo  
Item passed unanimously: X  
Item failed unanimously:

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

**3. 2040 Transit System Plan**

**Presenter:** Gary Thomas, President/Executive Director, DART

**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. MONTHLY INTERAGENCY TRANSPORTATION REPORT (For Informational Purposes Only)**

**5. UPCOMING AGENDA ITEMS**

**April 13, 2016**

A motion was made to defer items 46, 47, 49 & 58 on the April 13, 2016 City Council agenda to the May 11, 2016 City Council agenda and to ask the Council Budget Finance and Audit Committee to direct the City Auditor to amend his work plan and perform an agreed-upon-procedure attestation engagement to verify whether City and State procurement rules were followed regarding agenda item 58 on the April 13, 2016 City Council agenda.

Motion made by: Councilmember Lee M. Kleinman, Chair  
Item passed unanimously: X  
Item failed unanimously:

Motion seconded by: DMPT Wilson, Vice Chair  
Item passed on a divided vote:  
Item failed on a divided vote:

**A. Agenda Items #32 & #33: 2016 Street Resurfacing and Street Improvements**

- Authorize a construction contract with Pavecon Public Works, LP, lowest responsible bidder of two, in the amount of \$21,008,182 for the construction of pavement surface improvements for the 2016 Street Resurfacing and Street Improvements Project (list attached) - Not to exceed \$21,008,182
- Authorize a professional services contract with T. Smith Inspection and Testing, LLC to provide construction material testing services during the construction of the 2016 Street Resurfacing and Street Improvements Project - Not to exceed \$585,410 (PBW)

- B. Agenda Item #34:** Authorize a construction contract with 3i Construction, LLC, most advantageous proposer of six competitive sealed proposers, for the construction and installation of additional parking, access drive, and site lighting at the South Central Police Substation, located at 1999 East Camp Wisdom Road - Not to exceed \$690,193 (PBW)

- C. Agenda Items #36 & 37: TxDOT Railroad Queue Cutter at Singleton Boulevard and North Westmoreland Road
- Authorize **(1)** a Local Project Advance Funding Agreement with the Texas Department of Transportation for a Federal Railway-Highway Crossing Program grant to design and install one queue cutter traffic signal at Singleton Boulevard and North Westmoreland Road; **(2)** the receipt and deposit of funds in the amount of \$113,195 from the Texas Department Transportation; **(3)** the establishment of appropriations in the amount of \$113,195 in the Texas Department of Transportation Grant Fund; and **(4)** local matching funds in the amount of \$1,191 from the Current Funds – Total not to exceed \$114,386
  - Authorize a professional services contract with Kimley-Horn and Associates, Inc., most advantageous proposer of thirteen, to provide traffic signal design services for one railroad queue cutter crossing arm at the intersection of Singleton Boulevard and North Westmoreland Road in the amount of \$11,000 from the Texas Department of Transportation Grant Fund (STS)
- D. Agenda Item #38: Authorize a professional services contract with Lee Engineering, LLC, most advantageous proposer of sixteen, to provide specialized services for conducting traffic studies, including, but not limited to: 140 traffic signal warrant studies, 195 left-turn signal studies, 30 multi-way stop warrant studies, 35 pedestrian crossing analysis studies and 4 special studies - Not to exceed \$1,156,550 (STS)
- E. Agenda Item #39: Authorize a one-year construction services agreement with Viking Construction, Inc., lowest responsive bidder of three, to provide micro-surfacing and slurry seal application services - Not to exceed \$4,126,763 (STS)
- F. Agenda Item #46: Authorize a professional services contract with Alliance Geotechnical Group, Inc. for construction materials testing services during the construction phase of the Mill Creek / Peaks Branch / State-Thomas Drainage Relief Tunnel Project - Not to exceed \$2,764,000 (TWM)
- G. Agenda Item #47: Authorize a professional services contract with Black & Veatch Corporation for construction management services during the construction phase of the Mill Creek / Peaks Branch / State-Thomas Drainage Relief Tunnel Project - Not to exceed \$17,350,000 (TWM)
- H. Agenda Item #48: Authorize a contract with RKM Utility Services, Inc., lowest responsive bidder of three, for the construction of stormwater drainage improvements, partial street reconstruction and channel improvements for the Bahama Drive Relief System – Not to exceed \$1,783,440 (TWM)
- I. Agenda Item #49: Authorize Supplemental Agreement No. 5 to the contract with Halff Associates, Inc. for design and analysis of drainage relief for Mill Creek, Peaks Branch, and State-Thomas areas, for additional scope of work for engineering design services required during construction of the Mill Creek / Peaks Branch / State-Thomas Drainage Relief Tunnel Project - Not to exceed \$6,126,500, from \$15,993,488 to \$22,119,988 (TWM)
- J. Agenda Item #50: Ratify emergency erosion repair services to the Upper East Sump - Moir Watershed Services, L.L.C. - Not to exceed \$106,100 (TWM)
- K. Agenda Item #51: Authorize a professional services contract with Halff Associates, Inc. to provide architectural and engineering services for the design of improvements at 12000 Greenville Avenue for Dallas Water Utilities and at 2255 Irving Boulevard for Trinity Watershed Management Department - Not to exceed \$2,221,743 (DWU)
- L. Agenda Item #52: Authorize an increase in the contract with Archer Western Construction, LLC for additional construction services associated with solids handling improvements at the Central Wastewater Treatment Plant and the Southside Wastewater Treatment Plant - Not to exceed \$203,000, from \$6,359,750 to \$6,562,750 (DWU)
- M. Agenda Item #53: Authorize Supplemental Agreement No. 1 to the engineering services contract with Conley Group, Inc. for additional architectural and engineering services for a condition assessment of the Priority 3 and 4 roof and heating, ventilation, and air conditioning systems at 35 Dallas Water Utilities locations (list attached) - Not to exceed \$538,125, from \$1,897,800 to \$2,435,925 (DWU)
- N. Agenda Item #58: Authorize a contract for construction of storm drainage improvements for the Mill Creek / Peaks Branch / State-Thomas Drainage Relief Tunnel Project - Southland Mole JV, lowest responsive and responsible bidder of five - Not to exceed \$209,894,515 (TWM)

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- O. Addendum Item: Authorize the **(1)** deposit of the amount awarded by the Special Commissioners in the condemnation proceeding styled City of Dallas v. Bryan/Haskell, LTD, a Colorado limited partnership, et al., Cause No. CC-15-05434-B, pending in Dallas County Court at Law No. 2, to acquire a subsurface easement under approximately 12,070 square feet of land, located on Haskell Avenue at its intersection with Bryan Street for the Mill Creek/Peaks Branch/State-Thomas Drainage Relief Tunnel Project; and **(2)** settlement of the condemnation proceeding for an amount not to exceed the award - Not to exceed \$79,748 (\$77,248 being the amount of the award, plus closing costs and title expenses not to exceed \$2,500); an increase of \$32,589 from the amount Council originally authorized for this acquisition (TWM)

Adjourn (2:42 p.m.)

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

**KEY FOCUS AREA:** Economic Vibrancy

**AGENDA DATE:** April 27, 2016

**COUNCIL DISTRICT(S):** 14

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

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

**MAPSCO:** 45L

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**SUBJECT**

Authorize an increase in the construction services contract with Phoenix 1 Restoration and Construction, Ltd. for the additional work required for the renovation of the Old Municipal Building located at 106 South Harwood Street - Not to exceed \$1,062,969, from \$12,103,302 to \$13,166,270 - Financing: Public/Private Partnership Funds

**BACKGROUND**

The Office of Economic Development has allocated \$2 million in Public/Private Partnership Funds to the renovation of the Old Municipal Building. A portion of this additional funding will be utilized for additional required work beyond the original scope in order to complete exterior restoration and improvements. The majority of the funds will be allocated to the interior demolition and cleanup in preparation of the interior design and construction of the law school which will be funded by the University of North Texas. This change order will provide for the following modifications to the original scope of work:

- Remove all existing plaster from the interior surfaces of the exterior solid masonry walls
- Replace the mockup window unit with a new window unit that identically matches all the other new window units in color and selected upgrades
- Total interior demolition from the sub-basement level to the fifth floor of all non-historic building materials
- Extend the height of the original exterior limestone walls at the basement stairs located on the Main Street and Commerce Street elevations to comply with the building code for safety
- Apply sealer to the exterior granite to prevent further spalling of the surface and to restore the color



**BACKGROUND** (Continued)

- Installation of a barrier system on the exterior building elevations to eliminate the nesting and roosting of pest birds
- Installation of a code required back flow preventer valve in the water service vault

**ESTIMATED SCHEDULE OF PROJECT**

Began Design	June 2008
Completed Design	June 2014
Began Construction	January 2015
Complete Construction	August 2016

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

On June 25, 2008, Resolution No. 08-1890 authorized a professional services contract with Conley Group for design services for the exterior renovation of the 106 S. Harwood Building.

On October 23, 2013, Resolution No. 13-1845 authorized Supplemental Agreement No. 5 to the professional services contract with Conley Group for design services for the exterior renovation of the 106 S. Harwood Building. Additional services included asbestos abatement specifications related to interior demolition.

On January 14, 2015, Resolution No. 15-0118 authorized the construction contract with Phoenix 1 Restoration and Construction, Ltd. for the renovation of the Old Municipal Building located at 106 S. Harwood Street.

On June 17, 2015, Resolution No. 15-1166 authorized Change Order No. 1 to the construction contract with Phoenix 1 Restoration and Construction, Ltd. for the renovation of the Old Municipal Building located at 106 S. Harwood Street.

On November 10, 2015, Resolution No. 15-2086 authorized Change Order No. 2 to the construction contract with Phoenix 1 Restoration and Construction, Ltd. for the renovation of the Old Municipal Building located at 106 S. Harwood Street.

Information about this item will be provided to the Transportation and Trinity River Project Committee on April 25, 2016.

**FISCAL INFORMATION**

Public/Private Partnership Funds- \$1,062,968.05

**M/WBE INFORMATION**

See attached.

**ETHNIC COMPOSITION**

**Phoenix 1 Restoration and Construction, Ltd.**

Hispanic Female	0	Hispanic Male	37
African American Female	0	African American Male	0
White Female	5	White Male	24
Other Female	0	Other Male	0

**OWNER**

**Phoenix 1 Restoration and Construction, Ltd.**

Dale Sellers, President

**MAP**

Attached

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

**PROJECT:** Authorize an increase in the construction services contract with Phoenix 1 Restoration and Construction, Ltd. for the additional work required for the renovation of the Old Municipal Building located at 106 South Harwood Street - Not to exceed \$1,062,969, from \$12,103,302 to \$13,166,270 - Financing: Public/Private Partnership Funds

Phoenix 1 Restoration and Construction, Ltd. is a 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	\$598,757.05	56.33%
Non-local contracts	\$464,211.00	43.67%
<b>TOTAL THIS ACTION</b>	<b>\$1,062,968.05</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>
Texas Roof Management	WFWB62655N0716	\$257,350.20	42.98%
Slaughter Services	WFWB61739N0516	\$12,236.00	2.04%
<b>Total Minority - Local</b>		<b>\$269,586.20</b>	<b>45.02%</b>

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

None

### **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	\$0.00	0.00%	\$0.00	0.00%
Asian American	\$0.00	0.00%	\$0.00	0.00%
Native American	\$0.00	0.00%	\$0.00	0.00%
WBE	\$269,586.20	25.36%	\$3,501,997.98	26.60%
<b>Total</b>	<b>\$269,586.20</b>	<b>25.36%</b>	<b>\$3,501,997.98</b>	<b>26.60%</b>

April 27, 2016

**WHEREAS**, on January 14, 2015, Resolution No. 15-0118 authorized the construction contract with Phoenix 1 Restoration and Construction, Ltd. for the renovation of the Old Municipal Building located at 106 S. Harwood Street in the amount of \$11,166,285.20; and,

**WHEREAS**, on June 17, 2015, Resolution No. 15-1166 authorized Change Order No.1 to the construction contract with Phoenix 1 Restoration and Construction, Ltd. for the renovation of the Old Municipal Building located at 106 S. Harwood Street in the amount of \$152,732.93 increasing the contract from \$11,166,285.20 to \$11,319,018.13; and,

**WHEREAS**, on November 10, 2015, Resolution No. 15-2086 authorized Change Order No. 2 to the construction contract with Phoenix 1 Restoration and Construction, Ltd. for the renovation of the Old Municipal Building located at 106 S. Harwood Street in the amount of \$784,283.11 increasing the contract from \$11,319,018.13 to \$12,103,301.24; and,

**WHEREAS**, it is now necessary to authorize Change Order No. 3 to the construction services contract with Phoenix 1 Restoration and Construction, Ltd. for the additional work required for the renovation of the Old Municipal Building in the amount of \$1,062,968.05 increasing the contract from \$12,103,301.24 to \$13,166,269.29.

**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 Change Order No. 3 to the construction services contract with Phoenix 1 Restoration and Construction, Ltd. for the additional work required for the renovation of the Old Municipal Building increasing the contract from \$12,103,301.24 to \$13,166,269.29.

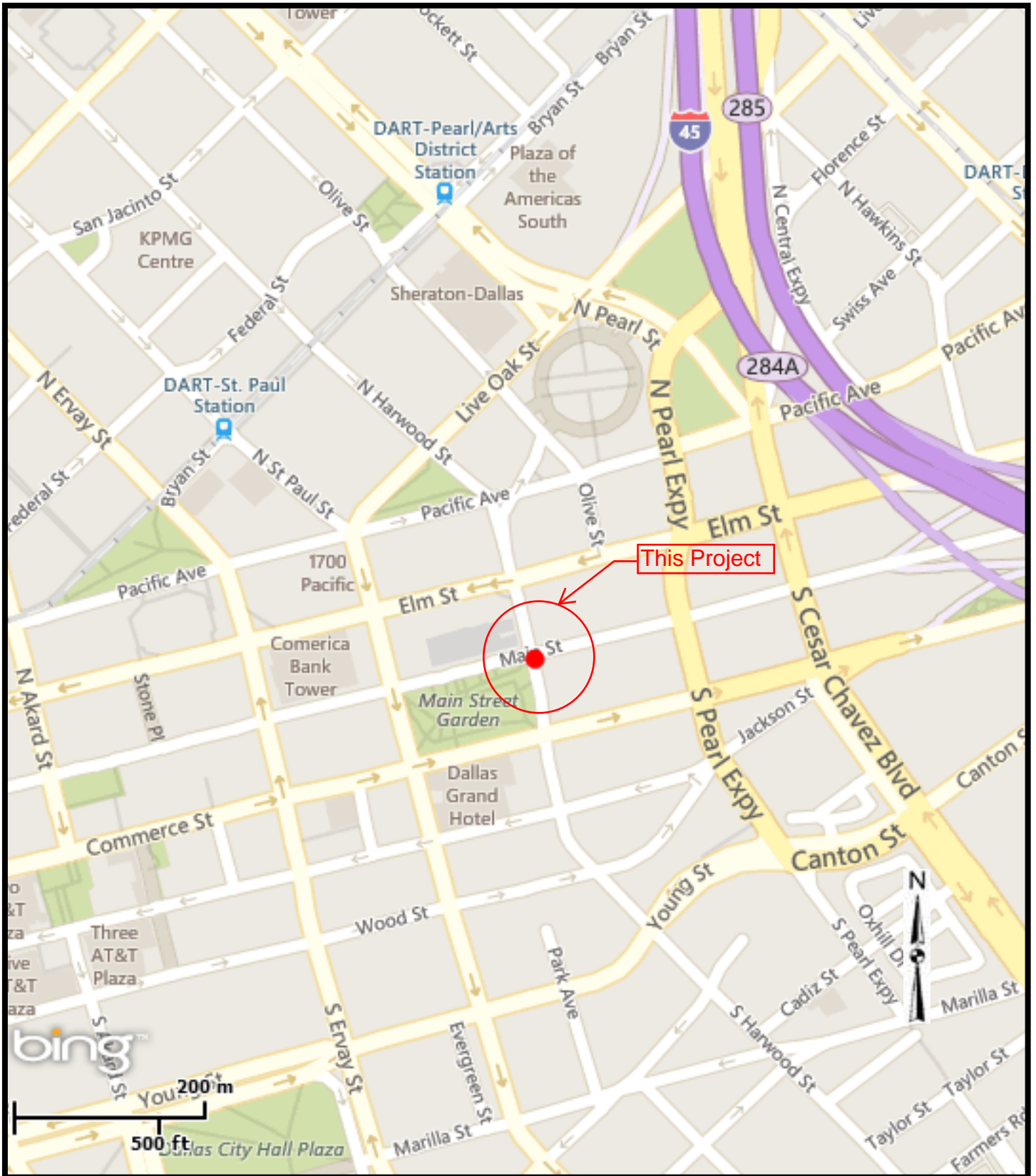
**Section 2.** That the Chief Financial Officer is hereby authorized to disburse funds in accordance with the terms and conditions of the contract from:

Public/Private Partnership Fund	
Fund 0352, Dept. ECO, Unit P311, Act. PPPF	
Obj. 4310, Program #PB98N924, CT #PBW98N924D1	
Vendor #VC0000003594 in an amount not to exceed	\$1,062,968.05

April 27, 2016

**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.

# Renovation of the Old Municipal Building



## Old Municipal Building

106 S. Harwood St  
45L

**KEY FOCUS AREA:** Economic Vibrancy

**AGENDA DATE:** April 27, 2016

**COUNCIL DISTRICT(S):** 14

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

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

**MAPSCO:** 45L

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**SUBJECT**

Authorize Supplemental Agreement No. 8 to the professional services contract with Conley Group, Inc. for additional design and construction oversight for exterior renovation of 106 South Harwood Street - Not to exceed \$191,973, from \$1,238,770 to \$1,430,743 – Financing: Public/Private Partnership Funds

**BACKGROUND**

The Office of Economic Development has allocated \$2 million in Public/Private Partnership Funds to the renovation of the Old Municipal Building located at 106 S. Harwood Street. This action will authorize the Conley Group, Inc. to provide additional design services and construction administration oversight for the following:

- Total interior demolition from the sub-basement level to the fifth floor of all non-historic building materials.
- Extend the height of the original exterior limestone walls at the basement stairs located on the Main Street and Commerce Street elevations to comply with the building code for safety.
- Apply sealer to the exterior granite to prevent further spalling of the surface and to restore the color.
- Installation of a barrier system on the exterior building elevations to eliminate the nesting and roosting of pest birds.
- Installation of a code required back flow preventer valve in the water service vault.
- Additional construction administration services for previously approved change order time extensions

**ESTIMATED SCHEDULE OF PROJECT**

Began Design	June 2008
Completed Design	February 2014
Complete Construction Administration	August 2016

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

On June 25, 2008, a professional services contract was awarded to the Conley Group, Inc. for exterior renovation of 106 S. Harwood Street, by Resolution No. 08-1890.

On October 23, 2013, Supplemental Agreement No. 5 authorized additional services, which included asbestos abatement specifications related to the interior demolition of 106 S. Harwood Street, by Resolution No. 13-1845.

On January 14, 2015, the construction contract was awarded to Phoenix 1 Restoration and Construction, Ltd. for the renovation of the Old Municipal Building located at 106 S. Harwood Street, by Resolution No. 15-0118..

On June 17, 2015, Change Order No. 1 to the construction contract with Phoenix 1 Restoration and Construction, Ltd. was authorized for the renovation of the Old Municipal Building located at 106 S. Harwood Street, by Resolution No. 15-1166.

On November 10, 2015 Change Order No. 2 to the construction contract with Phoenix 1 Restoration and Construction, Ltd. was authorized for the renovation of the Old Municipal Building located at 106 S. Harwood Street, by Council Resolution No. 15-2086.

Information about this item will be provided to the Transportation and Trinity River Project Committee on April 25, 2016.

**FISCAL INFORMATION**

Public/Private Partnership Funds - \$191,972.50

**M/WBE INFORMATION**

See attached.

**ETHNIC COMPOSITION**

Conley Group, Inc.

Hispanic Female	0	Hispanic Male	3
African American Female	0	African American Male	1
White Female	6	White Male	24
Other Female	0	Other Male	0



**OWNER**

**Conley Group, Inc.**

Bill Conley, Principal

**MAP**

Attached.

April 27, 2016

**WHEREAS**, on June 25, 2008, Resolution No. 08-1890 authorized a professional services contract with the Conley Group, Inc. to provide architectural and engineering services for the exterior renovation of the 106 S. Harwood Street Building in the amount of \$1,026,800.00; and,

**WHEREAS**, on November 5, 2008, Administrative Action No. 08-3463 authorized Supplemental Agreement No. 1 to the professional services contract with the Conley Design Group, Inc. for exterior cleaning in the amount of \$16,500.00, increasing the contract from \$1,026,800.00 to \$1,043,300.00; and,

**WHEREAS**, on January 23, 2012, Administrative Action No. 12-0249 authorized Supplemental Agreement No. 2 to the professional services contract with the Conley Design Group, Inc. to provide services for the design of below-grade waterproofing and water collection at the exterior basement walls of the 106 South Harwood Street Building in the amount of \$24,850.00, increasing the contract from \$1,043,300.00 to \$1,068,150.00; and,

**WHEREAS**, on April 6, 2012, Administrative Action No. 12-0838 authorized Supplemental Agreement No. 3 to the professional services contract with the Conley Design Group, Inc. for design of roof replacement for the 106 South Harwood Street Building in the amount of \$24,100.00, increasing the contract from \$1,068,150.00 to \$1,092,250.00; and,

**WHEREAS**, on November 13, 2012, Administrative Action No. 12-2918 authorized Supplemental Agreement No. 4 to the professional services contract with the Conley Design Group, Inc. to investigate structural damage to the concrete basement ceiling related to a water infiltration issue at the 106 South Harwood Building in the amount of \$21,400.00, increasing the contract from \$1,092,250.00 to \$1,113,650.00; and,

**WHEREAS**, on October 23, 2013, Resolution No. 13-1845 authorized Supplemental Agreement No. 5 to the professional services contract with the Conley Group, Inc. to provide abatement specifications and related services for the exterior renovation of the 106 S. Harwood Street Building in the amount of \$82,170.00 increasing the contract from \$1,113,650.00 to \$1,195,820.00; and,

**WHEREAS**, on June 10, 2015, Administrative Action No. 15-6214 authorized Supplemental Agreement No. 6 to the professional services contract with the Conley Group, Inc. for the exterior renovation of the 106 S. Harwood Street Building, in the amount of \$17,000.00, increasing the contract from \$1,195,820.00 to \$1,212,820.00; and,

April 27, 2016

**WHEREAS**, on July 20, 2015, Administrative Action No. 15-1306 authorized Supplemental Agreement No. 7 to the professional services contract with the Conley Group, Inc. for the exterior renovation of the 106 S. Harwood Street Building, in the amount of \$25,950.00, increasing the contract from \$1,212,820.00 to \$1,238,770.00; and,

**WHEREAS**, it is now necessary to authorize Supplemental Agreement No. 8 to the professional services contract with Conley Group, Inc. for additional design and construction oversight for the exterior renovation of 106 S. Harwood Street in the amount of \$191,972.50, increasing the contract from \$1,238,770.00 to \$1,430,742.50.

**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 Supplemental Agreement No. 8 to the professional services contract with Conley Group, Inc. for additional design and construction oversight for the exterior renovation of 106 S. Harwood Street in the amount of \$191,972.50, increasing the contract from \$1,238,770.00 to \$1,430,742.50, 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 in accordance with the terms and conditions of the contract from:

Public/Private Partnership Fund	
Fund 0352, Dept. ECO, Unit P311, Act. PPPF	
Obj. 4112, Program #07DC162, CT #EBS08N924CT22	
Vendor #259339, in an amount not to exceed	\$191,972.50

**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 Supplemental Agreement No. 8 to the professional services contract with Conley Group, Inc. for additional design and construction oversight for exterior renovation of 106 South Harwood Street - Not to exceed \$191,973, from \$1,238,770 to \$1,430,743 – Financing: Public/Private Partnership Funds

Conley Group, Inc. is a local, non-minority firm, has signed the "Business Inclusion & Development" documentation, and proposes to use their own workforce.

**PROJECT CATEGORY:** Professional Services

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

	<u>Amount</u>	<u>Percent</u>
Local contracts	\$191,972.50	100.00%
Non-local contracts	\$0.00	0.00%
<b>TOTAL THIS ACTION</b>	<b>\$191,972.50</b>	<b>100.00%</b>

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

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

None

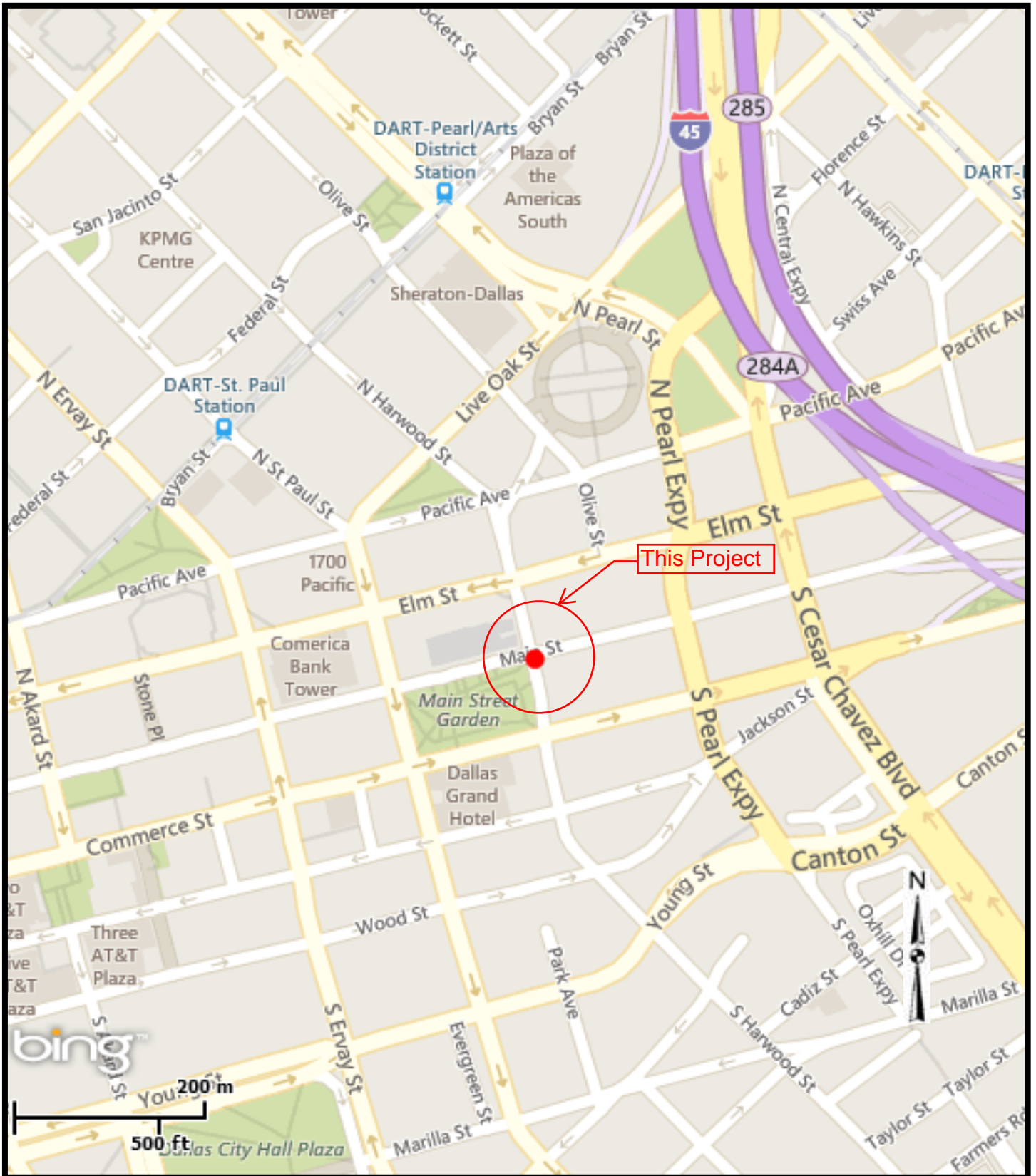
#### **Non-Local Contractors / Sub-Contractors**

None

### **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%	\$58,100.00	4.06%
Hispanic American	\$0.00	0.00%	\$245,700.00	17.17%
Asian American	\$0.00	0.00%	\$0.00	0.00%
Native American	\$0.00	0.00%	\$0.00	0.00%
WBE	\$0.00	0.00%	\$97,270.00	6.80%
Total	<u>\$0.00</u>	<u>0.00%</u>	<u>\$401,070.00</u>	<u>28.03%</u>

# Renovation of the Old Municipal Building



## Old Municipal Building

106 S. Harwood St  
45L

**KEY FOCUS AREA:** Economic Vibrancy  
**AGENDA DATE:** April 27, 2016  
**COUNCIL DISTRICT(S):** All  
**DEPARTMENT:** Street Services  
**CMO:** Jill A. Jordan, P.E., 670-5299  
**MAPSCO:** N/A

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**SUBJECT**

Authorize a professional services contract with Kimley-Horn and Associates, Inc., most advantageous proposer of thirteen, to provide traffic signal design services for 39 traffic signals at various intersections and other related tasks - Not to exceed \$832,400 - Financing: 2006 Bond Funds (\$505,000) and Current Funds (\$327,400) (subject to annual appropriations)

**BACKGROUND**

This action will authorize design of 39 new and upgraded traffic signals. Specifically, this action authorizes a design services contract with Kimley-Horn and Associates, Inc. for the design of 14 traffic signals funded through Street Assessment Funds (\$327,400) for a U.S. Department of Transportation (USDOT) - Federal Highway Administration (FHA) 2015 Highway Safety Improvement Program (HSIP) grant identified as "Group A"; and 25 new warranted traffic signals funded through 2006 Bond Funds (\$505,000) identified as "Group B"; with a not to exceed fee of \$832,400.

The City of Dallas was awarded grant funding totaling \$6.2 million from the USDOT-FHA 2015 HSIP, administered by the Texas Department of Transportation (TxDOT), to reconstruct several signals at high accident intersections in the City of Dallas. This item provides for \$327,400 in design services as local matching funds to leverage the remaining Federal and State funds for the construction of traffic signals and associated intersection improvements at 14 intersections.

For the 14 grant funded signals through 2015 HSIP, TxDOT will pay for 90% match for Direct State Engineering and construction costs. The City will bear design costs, 10% construction costs and a portion of the required fees. Of the 14 signals to be designed in this contract, seven (7) are scheduled to be let in spring of 2017 and the remaining seven (7) in the spring of 2018.

## **BACKGROUND (Continued)**

Of the remaining signals in this item, 25 are new traffic signals that will be identified for construction through warrant studies. Design of these signals will be funded utilizing 2006 Bond Funds for warranted signals and school flashers. This contract includes only the design portion of these signal projects.

In addition, staff is currently conducting over 220 traffic signal warrant studies in response to service requests. It is anticipated that 25 of these locations will meet the minimum criteria for installation of a new traffic signals. This contract includes the design funding for 25 traffic signals that are anticipated and will be funded through 2006 Bond Funds.

In June 2013, the City of Dallas released a Request for Qualifications (RFQ) for Engineering Services for traffic engineering and intelligent transportation systems (ITS) services.

A four member committee from the following departments reviewed and evaluated the proposals:

- Streets Services (2)
- Public Works Department (1)
- Dallas Police Department (1)

The successful proposer was selected by the committee on the basis of demonstrated competence and qualifications under the following criteria:

- Quality Assurance and Control 10%
- Business Inclusion and Development Plan 15%
- Experience and Capability 25%
- Responsiveness and Qualifications 50%

As part of the solicitation process and in an effort to increase competition, Business Development and Procurement Services (BDPS) used its procurement system to send out 739 email bid notifications to vendors registered under respective commodities. To further increase competition, BDPS uses historical solicitation information, the internet, and vendor contact information obtained from user departments to contact additional vendors by phone. Additionally, in an effort to secure more bids, notifications were sent by the BDPS' ResourceLINK Team (RLT) to 25 chambers of commerce, the DFW Minority Business Council and the Women's Business Council - Southwest, to ensure maximum vendor outreach.

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

Information about this item will be provided to the Transportation and Trinity River Project Committee on April 25, 2016.

**ESTIMATED SCHEDULE OF PROJECT**

Begin Design	April 2016
Complete Design	January 2019

**FISCAL INFORMATION**

\$505,000.00 - 2006 Bond Funds  
\$327,400.00 - Current Funds (subject to annual appropriations)

**Group A: Highway Safety Improvement Program Intersections**

14 intersections are to be determined upon the 2015 HSIP award.

Total	\$327,400.00
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**Group B: Warranted Signal Intersections**

25 intersections are yet to be determined through studies that are ongoing through a separate contract and vendor.

Total	\$505,000.00
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Grand Total	\$832,400.00
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**M/WBE INFORMATION**

See attached.

**ETHNIC COMPOSITION**

Kimley-Horn and Associates, Inc.

White Male	1,091	White Female	483
Black Male	21	Black Female	18
Hispanic Male	78	Hispanic Female	40
Other Male	91	Other Female	43



## **PROPOSAL INFORMATION**

The following top three proposals were received from solicitation number BHZ1308 and opened on July 11, 2013. This contract is being awarded in its entirety to the most advantageous proposer.

\*Denotes successful proposer

<b><u>Proposers</u></b>	<b><u>Address</u></b>	<b><u>Score</u></b>
*Kimley-Horn and Associates, Inc.	12750 Merit Drive, Suite 1000 Dallas, TX 75251	88.25%
Lee Engineering, LLC	3030 LBJ Freeway, Suite 1660 Dallas, TX 75234	86.75%
Savant Group, Inc.	1700 Pacific Avenue, Suite 1240 Dallas, TX 75201	75.00%

Statements of Qualifications were received from solicitation number BHZ1308 and opened on July 11, 2013 from the following 13 consultant teams: Civil Associates, Inc.; Teague Nall and Perkins, Inc.; Kimley-Horn and Associates, Inc.; Binkley and Barfield, Inc.; Lee Engineering, LLC.; Urban Engineers Group, Inc.; Neel-Schaffer, Inc.; Urban Engineers Group, Inc., DBA Urban Services, Inc.; Savant Group; Orthon; HDR, Inc.; AECOM; AZ and B Arrendo; and Zepeda and Brunz, LLC.

## **OWNER**

### **Kimley-Horn and Associates, Inc.**

John Atz, President  
Aaron Nathan, Vice-President

April 27, 2016

**WHEREAS**, the City desires to enter into a professional services contract with Kimley-Horn and Associates, Inc., most advantageous proposer of thirteen, to provide traffic signal design services for 39 traffic signals at various intersections and other related tasks in an amount not to exceed \$832,400.00.

**Now, Therefore,**

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

**Section 1.** That the City Manager is hereby authorized to enter into a professional services contract with Kimley-Horn and Associates, Inc., to provide traffic signal design services for 39 traffic signals at various intersections and other related tasks in an amount not to exceed \$832,400.00, after approval as to form by the City Attorney.

**Section 2.** That the Chief Financial Officer is hereby authorized to disburse funds in accordance with the terms and conditions of the contract from:

Current Funds (subject to annual appropriations) Fund 0001, Dept. STS, Unit 3049, Obj. 4111 Activity PB24, Program TP304916 MASC STS STS16KHAE02, Vendor # 135447 in an amount not to exceed	\$327,400.00
Street and Transportation Improvements Fund Fund 3T22, Dept. PBW, Unit U811, Obj. 4111 Activity THRG, Program PB06U811 MASC STS STS16KHAE02, Vendor # 135447 in an amount not to exceed	\$505,000.00
Total amount not to exceed	\$832,400.00

**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 a professional services contract with Kimley-Horn and Associates, Inc., most advantageous proposer of thirteen, to provide traffic signal design services for 39 traffic signals at various intersections and other related tasks - Not to exceed \$832,400 - Financing: 2006 Bond Funds (\$505,000) and Current Funds (\$327,400) (subject to annual appropriations)

Kimley-Horn and Associates, Inc. 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	\$832,400.00	100.00%
Total non-local contracts	\$0.00	0.00%
<b>TOTAL CONTRACT</b>	<b>\$832,400.00</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>
Gorronдона & Associates	HMMB62084Y0616	\$154,600.00	18.57%
Othon, Inc. Consulting Engineers	HMMB62536Y0716	\$63,000.00	7.57%
<b>Total Minority - Local</b>		<b>\$217,600.00</b>	<b>26.14%</b>

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

None

### **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	\$217,600.00	26.14%	\$217,600.00	26.14%
Asian American	\$0.00	0.00%	\$0.00	0.00%
Native American	\$0.00	0.00%	\$0.00	0.00%
WBE	\$0.00	0.00%	\$0.00	0.00%
<b>Total</b>	<b>\$217,600.00</b>	<b>26.14%</b>	<b>\$217,600.00</b>	<b>26.14%</b>

**KEY FOCUS AREA:** Economic Vibrancy  
**AGENDA DATE:** April 27, 2016  
**COUNCIL DISTRICT(S):** 1, 3, 4, 8, 11  
**DEPARTMENT:** Street Services  
**CMO:** Jill A. Jordan, P.E., 670-5299  
**MAPSCO:** 14D 15R 53M V 74B

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**SUBJECT**

Authorize **(1)** an Interlocal Agreement with the Texas Department of Transportation (TxDOT) to provide cost reimbursement for material and labor costs for traffic signal improvements at five locations Belt Line Road and Dallas Parkway, Hampton Road and Clarendon Drive, Hampton Road and Illinois Avenue, Hillcrest Road and Alpha Road, and Polk Street and Wheatland Road; **(2)** the receipt and deposit of funds from TxDOT in the amount of \$112,734; and **(3)** the establishment of appropriations in the amount of \$112,734 in the Texas Department of Transportation Grant Fund - Not to exceed \$112,734 - Financing: Texas Department of Transportation Grant Funds

**BACKGROUND**

The City of Dallas was awarded grant funding totaling \$6.17 million from the 2014 Highway Safety Improvement Program (HSIP) administered by the Texas Department of Transportation (TxDOT) to upgrade several signals at high accident intersections in the City of Dallas.

TxDOT will begin construction at 5 of the above intersections: Belt Line Road and Dallas Parkway, Hampton Road and Clarendon Drive, Hampton Road and Illinois Avenue, Hillcrest Road and Alpha Road and Polk Street and Wheatland Road. The intersection improvements at the five intersections will include upgrades to pedestrian features, signage, pavement markings and reconstruction of traffic signals.

To remain consistent with other equipment in the city-wide system, the City of Dallas will provide labor and material for installation of traffic signal controllers, controller cabinets, traffic signs and other traffic control equipment for the project. TxDOT has agreed to reimburse the City for 100% of the above cost which includes labor and material.

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

Information about this item will be provided to the Transportation and Trinity River Project Committee on April 25, 2016.

**ESTIMATED SCHEDULE OF PROJECT**

Began Design                                      October 2015  
Complete Construction                        October 2018

**FISCAL INFORMATION**

Texas Department of Transportation Grant Funds - \$112,733.40

<b><u>Council District</u></b>	<b><u>Amount</u></b>
1	\$ 33,820.02
3	\$ 5,636.67
4	\$ 5,636.67
8	\$ 22,546.68
11	<u>\$ 45,093.36</u>
Total	\$112,733.40

**MAP**

Attached

April 27, 2016

**WHEREAS**, the Texas Department of Transportation (TxDOT) will provide reimbursement to the City of Dallas for material and labor costs incurred for traffic signal improvements at five intersections, specifically at Belt Line Road and Dallas Parkway, Hampton Road and Clarendon Drive, Hampton Road and Illinois Avenue, Hillcrest Road and Alpha Road and Polk Street and Wheatland Road; and,

**WHEREAS**, TxDOT will reimburse 100% of labor and material costs in an amount not to exceed \$112,733.40; and,

**WHEREAS**, the City of Dallas desires to enter into an agreement with TxDOT to receive cost reimbursement for material and labor costs incurred for traffic signal improvements at Belt Line Road and Dallas Parkway, Hampton Road and Clarendon Drive, Hampton Road and Illinois Avenue, Hillcrest Road and Alpha Road and Polk Street and Wheatland Road.

**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 an Interlocal Agreement with the Texas Department of Transportation (TxDOT) through a grant from the Department of Transportation Federal Highway Administration (CFDA 20.205) Agreement numbers CSJ# 0918-47-120 (Belt Line Road and Dallas Parkway), CSJ# 0918-47-123 (Hampton Road and Clarendon Drive), CSJ# 0918-47-124 (Hampton Road and Illinois Avenue), CSJ# 0918-47-125 (Hillcrest Road and Alpha Road) and CSJ# 0918-47-127 (Polk Street and Wheatland Road), after it has been approved as to form by the City Attorney. The agreement remains effective as long as the project is incomplete or unless otherwise terminated or modified.

**Section 2.** That the Chief Financial Officer is hereby authorized to receive and deposit all reimbursements from TxDOT pertaining to this project in an amount not to exceed \$112,733.40 in Fund F8FR, Dept. STS, Unit 88FR, Revenue Source 6506.

**Section 3.** That the City Manager is hereby authorized to establish an appropriation in the amount of \$112,733.40 in Fund F8FR, Dept. STS, Unit 88FR, Act. THRG Obj. 4820, Major Program STSMJR, Program TPF8FR16.

**Section 4.** That the Chief Financial Officer is hereby authorized to disburse funds from Fund F8FR, Dept. STS, Unit 88FR, Act. THRG Obj. 4820, Major Program STSMJR, Program TPF8FR16, in an amount not to exceed \$112,733.40.

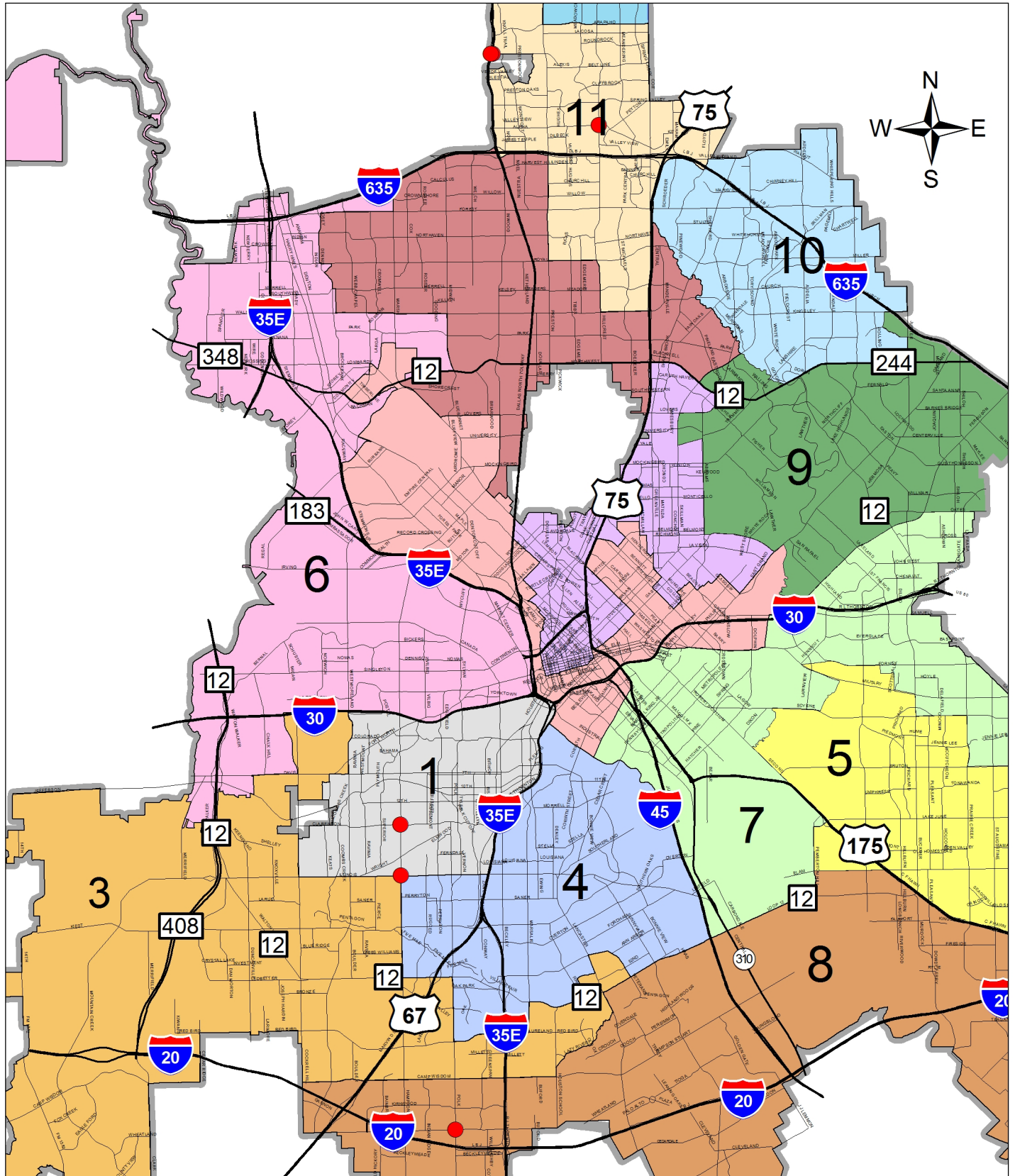
April 27, 2016

**Section 5.** That the City Manager is hereby authorized to reimburse the granting agency any expenditures identified as ineligible and notify the appropriate City Council Committee of expenditures identified as ineligible not later than 30 days after the reimbursement.

**Section 6.** That the City Manager shall keep the appropriate City Council Committee informed of all final granting agency monitoring reports not later than 30 days after the receipt of the report.

**Section 7.** 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.

# 2014 HSIP 2016 LETTING - FIVE OFF-SYSTEM INTERSECTIONS



MAPSCO PAGES 14D,15R,53M,53V,74B



**KEY FOCUS AREA:** Economic Vibrancy  
**AGENDA DATE:** April 27, 2016  
**COUNCIL DISTRICT(S):** 5, 7, 10, 12  
**DEPARTMENT:** Street Services  
**CMO:** Jill A. Jordan, P.E., 670-5299  
**MAPSCO:** 17G Y 28E 57B 654Z

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**SUBJECT**

Authorize **(1)** a Local Project Advance Funding Agreement with the Texas Department of Transportation for a U.S. Department of Transportation - Federal Highway Administration 2014 Highway Safety Improvement Program grant to design, upgrade and construct five traffic signals and associated off system intersection improvements at Marsh Lane and Rosemeade Parkway, Bruton Road and Second Avenue, Forest Lane and Audelia Road, Plano Road and Miller Road and Royal Lane and Skillman Street; **(2)** a required local match in the amount of \$182,459; and **(3)** an amendment to Resolution No. 15-2223, previously approved on December 9, 2015, to identify a required local match for design of the traffic signals in the amount of \$100,500 - Total not to exceed \$1,849,784 - Financing: Texas Department of Transportation Grant Funds (\$1,566,825) and Current Funds (\$182,459)

**BACKGROUND**

The City of Dallas was awarded grant funding totaling \$6.17 million from the 2014 Highway Safety Improvement Program (HSIP) administered by the Texas Department of Transportation (TxDOT) to reconstruct and install several traffic signals at high accident intersections in the City of Dallas.

This action will use local matching funds totaling \$282,958.74 to leverage \$1,566,824.97 in Federal and State funds for construction and associated intersection improvements at five intersections for a total not to exceed cost of \$1,849,783.71. Specifically, the City is required to pay State fees in the amount of \$18,058.74, professional design services in the amount of \$100,500.00, and 10% match for Direct State Engineering and construction costs for off system intersections, totaling \$164,400.00, bringing the City's portion of the project to \$282,958.74.

**BACKGROUND (Continued)**

City Council authorized a contract with Kimley-Horn and Associates, Inc. for a total of \$197,000.00 to provide professional design services on December 9, 2015 for ten (10) 2014 HSIP traffic signals, by Resolution No. 15-2223. A portion of that funding, \$100,500.00, is the portion of the match funding for these traffic signals. The full funding amount of \$197,000.00 has been encumbered to cover the design services for this and the remaining five traffic signals being considered in a separate agenda item.

Any change orders or overruns are the responsibility of the City of Dallas.

Construction of the five signals listed below will commence in 2017.

- Marsh Lane and Rosemeade Parkway (CSJ#0918-46-280), (Upgrade) (CD 12)
- Bruton Road and Second Avenue (CSJ#0918-47-121), (Upgrade) (CD 5, 7)
- Forest Lane and Audelia Road (CSJ#0918-47-122), (Upgrade) (CD 10)
- Plano Road and Miller Road (CSJ#0918-47-126), (Upgrade) (CD 10)
- Royal Lane and Skillman Street (CSJ#0918-47-129), (Upgrade) (CD 10)

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

On December 9, 2015, City Council authorized a professional services contract with Kimley-Horn and Associates, Inc. to provide traffic signal design services for 32 traffic signals at various intersections and other related tasks by Resolution No. 15-2223.

Information about this item will be provided to the Transportation and Trinity River Project Committee on April 25, 2016.

**ESTIMATED SCHEDULE OF PROJECT**

Began Design	December 2015
Complete Construction	October 2019

**FISCAL INFORMATION**

Design (previously approved by Resolution No. 15-2223) - \$100,500.00  
 Texas Department of Transportation Grant Funds (this action) - \$1,566,824.97  
 Current Funds (this action) - \$182,458.74

The total value of this funding agreement is \$1,849,783.71 with the following components:

Federal and State Funds (TxDOT)	\$1,566,824.97
Match (City of Dallas)	\$ 282,958.74

**FISCAL INFORMATION (Continued)**

<b><u>Council District</u></b>	<b><u>Amount</u></b>
5	\$277,678.37
7	\$277,678.37
10	\$957,070.23
12	<u>\$337,356.74</u>
Total	\$1,849,783.71

**MAP**

Attached

April 27, 2016

**WHEREAS**, the City of Dallas desires to enter into a Local Project Advance Funding Agreement (LPAFA) with the Texas Department of Transportation (TxDOT) for a U.S. Department of Transportation - Federal Highway Administration 2014 Highway Safety Improvement Program (HSIP) Project to fund the design, upgrade and/or construction of five traffic signals and associated off system intersection improvements at Marsh Lane and Rosemeade Parkway, Bruton Road and Second Avenue, Forest Lane and Audelia Road, Plano Road and Miller Road and Royal Lane and Skillman Street; and,

**WHEREAS**, on December 9, 2015, City Council authorized a professional services contract with Kimley-Horn and Associates, Inc. to provide traffic signal design services by Resolution No. 15-2223, the portion of the match funding for this project totals \$100,500.00; and,

**WHEREAS**, the Federal/State portion of the grant is \$1,566,824.97 and the City of Dallas local match is \$282,958.74 for a total amount not to exceed \$1,849,783.71; and,

**WHEREAS**, the City of Dallas will issue a warrant check at the beginning of the project in the amount of \$182,458.74 for the off system locations; and,

**WHEREAS**, the City of Dallas will be responsible for any change orders or bid overruns; and,

**WHEREAS**, that this action hereby authorizes an amendment to Resolution No. 15-2223, previously approved on December 9, 2015, to identify a required local match for design of the traffic signals in the amount of \$100,500.00.

**Now, Therefore,**

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

April 27, 2016

**Section 1.** That the City Manager is hereby authorized to execute a Local Project Advance Funding Agreement with the Texas Department of Transportation for a U.S. Department of Transportation - Federal Highway Administration 2014 Highway Safety Improvement Program (HSIP) Project to fund the design, upgrade and/or construction of five traffic signals and associated off system intersection improvements, Agreement numbers CSJ#0918-46-280 (Marsh Lane and Rosemeade Parkway), CSJ#0918-47-121 (Bruton Road and Second Avenue), CSJ#0918-47-122 (Forest Lane and Audelia Road), CSJ#0918-47-126 (Plano Road and Miller Road) and CSJ#0918-47-129 (Royal Lane and Skillman Street), CFDA 20.205, which may be terminated under the conditions as stated in the Master Agreement. This LPAFA may be terminated by the State if the project is inactive for thirty-six (36) months or longer and no expenditures have been charged against federal funds; and that this action hereby authorizes an amendment to Resolution No. 15-2223, previously approved on December 9, 2015, to identify a required local match for design of the traffic signals in the amount of \$100,500.00.

**Section 2.** That the Chief Financial Officer is hereby authorized to issue a warrant check to TxDOT in the amount of \$182,458.74 Vendor #020318, in accordance with the terms and conditions of the agreement from Fund 0001, Dept. STS, Unit 3049, Obj. 4820.

**Section 3.** That the Chief Financial Officer is hereby authorized to reclassify the disbursement to a Prepaid Expense, BSA 032B, if required by general accepted accounting principles.

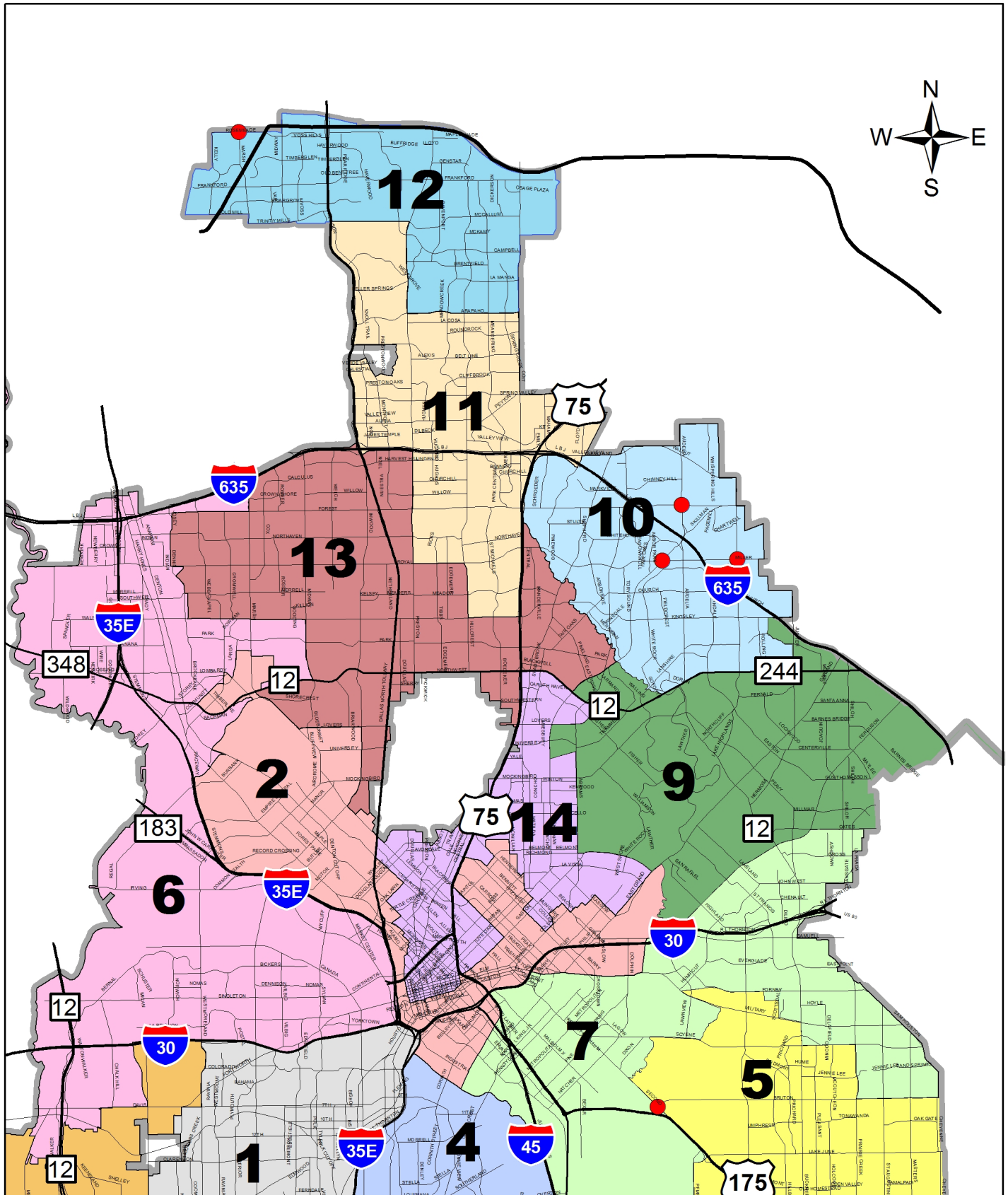
**Section 4.** That the Chief Financial Officer is hereby authorized to deposit any unused Current Funds advanced to TxDOT pertaining to this project into Fund 0001, Department STS, BSA 032B.

**Section 5.** That the City Manager is hereby authorized to reimburse the granting agency any expenditures identified as ineligible and notify the appropriate City Council Committee of expenditures identified as ineligible not later than 30 days after the reimbursement.

**Section 6.** That the City Manager shall keep the appropriate City Council Committee informed of all final granting agency monitoring reports not later than 30 days after the receipt of the report.

**Section 7.** 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.

# 2014 HSIP SUBMITTAL FOR 2017 LET 5 SIGNALS



**MAPSCO PAGE 17G, 17Y, 28E, 57B, 654Z**

**KEY FOCUS AREA:** Economic Vibrancy  
**AGENDA DATE:** April 27, 2016  
**COUNCIL DISTRICT(S):** 2, 6, 9, 10, 14  
**DEPARTMENT:** Street Services  
**CMO:** Jill A. Jordan, P.E., 670-5299  
**MAPSCO:** 17N 23Z 27E N 36C

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**SUBJECT**

Authorize **(1)** a Local Project Advance Funding Agreement with the Texas Department of Transportation for a U.S. Department of Transportation - Federal Highway Administration 2014 Highway Safety Improvement Program grant to design, upgrade and construct five traffic signals and associated off system intersection improvements at Royal Lane and Abrams Road, Skillman Street and Walnut Hill Lane, Skillman Street and Lovers Lane, Walnut Hill Lane and Abrams Road and Webb Chapel Road and Larga Drive; **(2)** a required local match in the amount of \$149,601; and **(3)** an amendment to Resolution No. 15-2223, previously approved on December 9, 2015, to identify a required local match for design of the traffic signals in the amount of \$96,500 - Total not to exceed \$1,535,791 - Financing: Texas Department of Transportation Grant Funds (\$1,289,691) and Current Funds (\$149,601)

**BACKGROUND**

The City of Dallas was awarded grant funding totaling \$6.17 million from the 2014 Highway Safety Improvement Program (HSIP) administered by the Texas Department of Transportation (TxDOT) to reconstruct and install several traffic signals at high accident intersections in the City of Dallas.

This action will use local matching funds totaling \$246,100.30 to leverage \$1,289,690.70 in Federal and State funds for construction and associated intersection improvements at five intersections for a total not to exceed cost of \$1,535,791.00. Specifically, the City is required to pay State fees in the amount of \$13,600.30, professional design services in the amount of \$96,500.00 and 10% match for Direct State Engineering and construction costs for off system intersections, totaling \$136,000.00, bringing the City's portion of the project to \$246,100.30.

**BACKGROUND (Continued)**

City Council authorized a contract with Kimley-Horn and Associates, Inc. for a total of \$197,000.00 to provide professional design services on December 9, 2015 for ten (10) 2014 HSIP traffic signals, by Resolution No. 15-2223. A portion of that funding, \$96,500.00, is the portion of the match funding for these traffic signals. The full funding amount of \$197,000.00 has been encumbered to cover the design services for this and the remaining five traffic signals being considered in a separate agenda item.

Any change orders or overruns are the responsibility of the City of Dallas.

Design of the traffic signals is currently underway. Construction of the five signals listed below will commence in 2018.

- Royal Lane and Abrams Road (CSJ#0918-47-128), (Upgrade) (CD 10)
- Skillman Street and Walnut Hill Lane (CSJ#0918-47-130), (Upgrade) (CD 10)
- Skillman Street and Lovers Lane (CSJ#0918-47-131), (Upgrade) (CD 9, 14)
- Walnut Hill Lane and Abrams Road (CSJ#0918-47-132), (Upgrade) (CD 10)
- Webb Chapel Road and Larga Drive (CSJ#0918-47-133), (Upgrade) (CD 2, 6)

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

On December 9, 2015, City Council authorized a professional services contract with Kimley-Horn and Associates, Inc. to provide traffic signal design services for 32 traffic signals at various intersections and other related tasks by Resolution No. 15-2223.

Information about this item will be provided to the Transportation and Trinity River Project Committee on April 25, 2016.

**ESTIMATED SCHEDULE OF PROJECT**

Began Design	December 2015
Complete Construction	October 2019

**FISCAL INFORMATION**

Design (previously approved by Resolution No. 15-2223) - \$96,500.00  
 Texas Department of Transportation Grant Funds (this action) - \$1,289,690.70  
 Current Funds (this action) - \$149,600.30

The total value of this funding agreement is \$1,535,791.00 with the following components:

Federal and State Funds (TxDOT)	\$1,289,690.70
Match (City of Dallas)	\$ 246,100.30



**FISCAL INFORMATION (Continued)**

<b><u>Council District</u></b>	<b><u>Amount</u></b>
2	\$ 201,118.65
6	\$ 67,039.55
9	\$ 79,789.55
10	\$ 948,474.60
14	<u>\$ 239,368.65</u>
Total	\$1,535,791.00

**MAP**

Attached

April 27, 2016

**WHEREAS**, the City of Dallas desires to enter into a Local Project Advance Funding Agreement (LPAFA) with the Texas Department of Transportation (TxDOT) for a U.S. Department of Transportation - Federal Highway Administration 2014 Highway Safety Improvement Program (HSIP) Project to fund the design, upgrade and/or construction of five traffic signals and associated off system intersection improvements at Royal Lane and Abrams Road, Skillman Street and Walnut Hill Lane, Skillman Street and Lovers Lane, Walnut Hill Lane and Abrams Road and Webb Chapel Road and Larga Drive; and

**WHEREAS**, on December 9, 2015, City Council authorized a professional services contract with Kimley-Horn and Associates, Inc. to provide traffic signal design services by Resolution No. 15-2223, the portion of the match funding for this project totals \$96,500.00; and

**WHEREAS**, the Federal/State portion of the grant is \$1,289,690.70 and the City of Dallas local match is \$246,100.30 for a total amount not to exceed \$1,535,791.00; and

**WHEREAS**, the City of Dallas will issue a warrant check at the beginning of the project in the amount of \$149,600.30 for the off system locations; and

**WHEREAS**, the City of Dallas will be responsible for any change orders or bid overruns; and

**WHEREAS**, that this action hereby authorizes an amendment to Resolution No. 15-2223, previously approved on December 9, 2015, to identify a required local match for design of the traffic signals in the amount of \$96,500.

**Now, Therefore,**

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

April 27, 2016

**Section 1.** That the City Manager is hereby authorized to execute a Local Project Advance Funding Agreement with the Texas Department of Transportation for a U.S. Department of Transportation - Federal Highway Administration 2014 Highway Safety Improvement Program (HSIP) Project to fund the design, upgrade and construction of five traffic signals and associated off system intersection improvements, Agreement numbers CSJ#0918-47-128 (Royal Lane and Abrams Road), CSJ#0918-47-130 (Skillman Street and Walnut Hill Lane), CSJ#0918-47-131 (Skillman Street and Lovers Lane), CSJ#0918-47-132 (Walnut Hill Lane and Abrams Road) and CSJ#0918-47-133 (Webb Chapel Road and Larga Drive), CFDA 20.205, which may be terminated under the conditions as stated in the Master Agreement. This LPAFA may be terminated by the State if the project is inactive for thirty-six (36) months or longer and no expenditures have been charged against federal funds; and that this action hereby authorizes an amendment to Resolution No. 15-2223, previously approved on December 9, 2015, to identify a required local match for design of the traffic signals in the amount of \$96,500.

**Section 2.** That the Chief Financial Officer is hereby authorized to issue a warrant check to TxDOT in the amount of \$149,600.30, Vendor #020318, in accordance with the terms and conditions of the agreement from Fund 0001, Dept. STS, Unit 3049, Obj. 4820.

**Section 3.** That the Chief Financial Officer is hereby authorized to reclassify the disbursement to a Prepaid Expense, BSA 032B, if required by general accepted accounting principles.

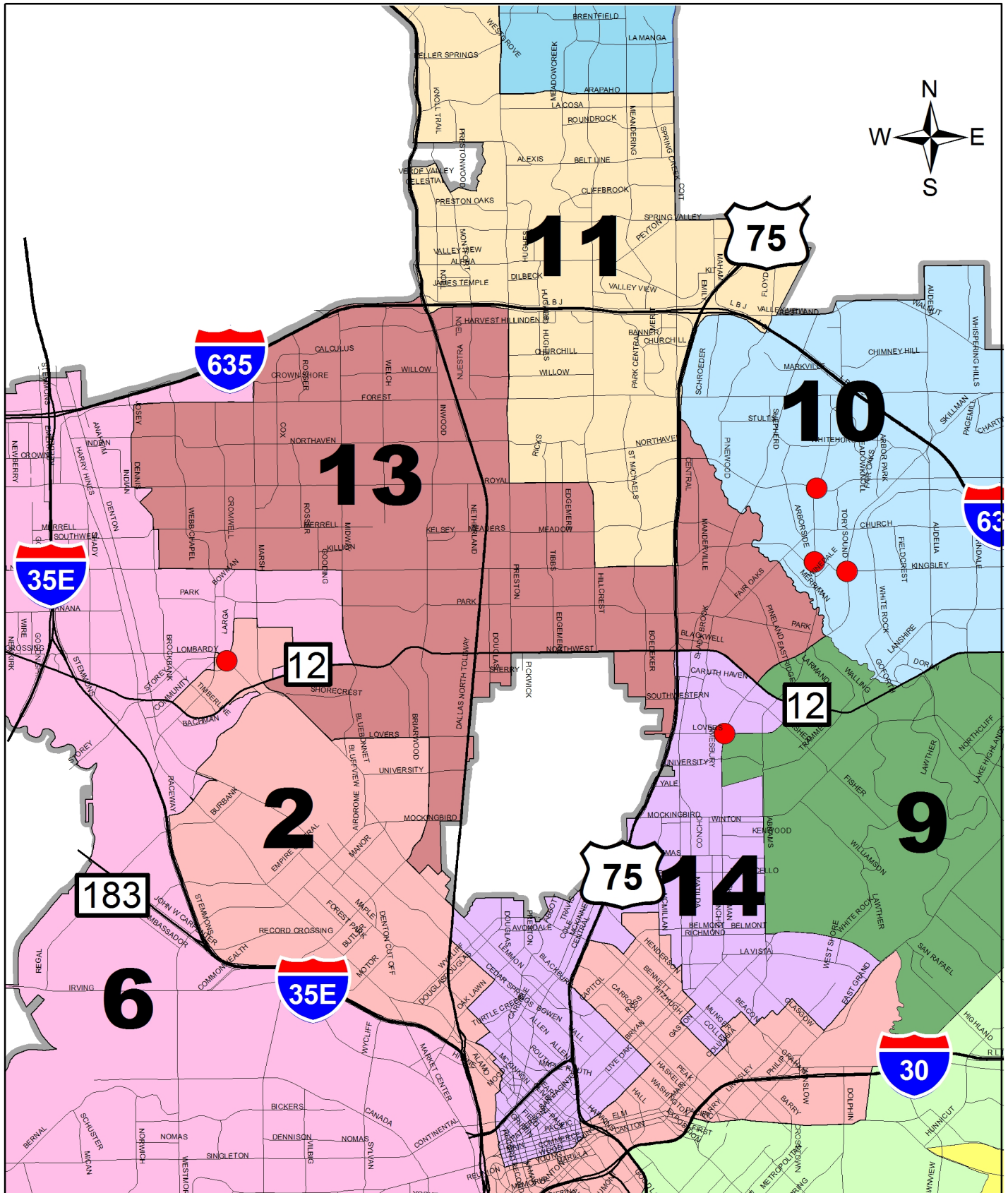
**Section 4.** That the Chief Financial Officer is hereby authorized to deposit any unused Current Funds advanced to TxDOT pertaining to this project into Fund 0001, Department STS, BSA 032B.

**Section 5.** That the City Manager is hereby authorized to reimburse the granting agency any expenditures identified as ineligible and notify the appropriate City Council Committee of expenditures identified as ineligible not later than 30 days after the reimbursement.

**Section 6.** That the City Manager shall keep the appropriate City Council Committee informed of all final granting agency monitoring reports not later than 30 days after the receipt of the report.

**Section 7.** 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.

# 2014 HSIP SUBMITTAL FOR 2018 LET 5 SIGNALS



**MAPSCO PAGE 17N, 23Z, 27E, 27N, 36C**

**KEY FOCUS AREA:** Economic Vibrancy  
**AGENDA DATE:** April 27, 2016  
**COUNCIL DISTRICT(S):** 3, 14  
**DEPARTMENT:** Trinity Watershed Management  
**CMO:** Mark McDaniel, 670-3256  
**MAPSCO:** 35X 64P 65L

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**SUBJECT**

Authorize professional services contracts with Garver, LLC for the engineering design of five erosion control improvement projects (list attached) - Not to exceed \$88,684 - Financing: 2012 Bond Funds (\$19,603) and General Obligation Commercial Paper Funds (\$69,081)

**BACKGROUND**

This action will authorize a professional services contract with Garver, LLC for the engineering design of five erosion control improvement projects. These projects were funded in the 2012 Bond Program. The erosion control projects have been divided into geographically based groups. This item will provide engineering design for Group 12 (Glendale Park Sites 1, 3, and 4, Twin Falls Park Trail and Turtle Creek Greenbelt Site 1) as outlined in the 2012 Bond Program.

Erosion control improvement projects will include the installation of gabion walls, retaining walls, gabion mattresses, and slope and channel improvements to protect structures and minimize creek bank erosion along various creeks throughout the city.

Following are the locations, council district and design cost for each project. The consulting firms were selected following a qualifications-based selection process in accordance with the City of Dallas AD 4-5 procurement guidelines.

<b><u>Location</u></b>	<b><u>Council District</u></b>	<b><u>Amount</u></b>
<b><u>Group 12</u></b>		
Glendale Park Site 4 (1300 E. Ledbetter Drive)	3	\$ 4,900.00
Glendale Park Site 1 (1300 E. Ledbetter Drive)	3	\$ 9,803.00

**BACKGROUND** (Continued)

<b><u>Location</u></b>	<b><u>Council District</u></b>	<b><u>Amount</u></b>
<b><u>Group 12</u></b>		
Glendale Park Site 3 (1300 E. Ledbetter Drive)	3	\$ 4,900.00
Twin Falls Park Trail (6300 S. Polk Street)	3	\$36,983.00
Turtle Creek Greenbelt Site 1 (3636 Turtle Creek Parkway)	14	\$32,098.00

**ESTIMATED SCHEDULE OF PROJECT**

**Erosion Control Improvement Projects**

	<b><u>Begin Design</u></b>	<b><u>Complete Design</u></b>
<b><u>Group 12</u></b>		
Glendale Park Site 4	April 2016	October 2016
Glendale Park Site 1	April 2016	October 2016
Glendale Park Site 3	April 2016	October 2016
Turtle Creek Greenbelt Site 1	April 2016	October 2016
Twin Falls Park Trail	April 2016	October 2016

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

Information about this item will be provided to the Transportation and Trinity River Project Committee on April 25, 2016.

**FISCAL INFORMATION**

2012 Bond Funds - \$19,603.00

2012 Bond Program (General Obligation Commercial Paper Funds) - \$69,081.00

<b><u>Council District</u></b>	<b><u>Amount</u></b>
3	\$56,586.00
14	<u>\$32,098.00</u>
Total Cost	\$88,684.00

**FISCAL INFORMATION** (Continued)

**Engineer's Estimate**

**Group 12**

Design	\$ 88,684.00
Construction	<u>\$618,118.39</u>
Total Project Cost	\$706,802.39 (est.)

**M/WBE INFORMATION**

See attached.

**ETHNIC COMPOSITION**

**Garver, LLC**

Hispanic Female	2	Hispanic Male	6
African-American Female	3	African-American Male	7
White Female	87	White Male	289
Other Female	5	Other Male	7

**OWNER**

**Garver, LLC**

Jeffrey L. Sober, Vice President

**MAPS**

Attached

April 27, 2016

**WHEREAS**, Garver, LLC was selected to provide engineering design of five erosion control improvement projects.

**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 Garver, LLC for the engineering services for erosion control improvement projects in an amount not to exceed \$88,684.00, 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 in accordance with the terms and conditions of the contracts from:

Flood Protection and Storm Drainage Facilities  
 Fund 3U23, Dept. TWM, Unit S726, Activity ERCT  
 Object 4111, Program No. TW12S726, CT TWM12S724F1  
 Vendor No. VS0000016343, in an amount not to exceed \$ 4,900.00

Flood Protection and Storm Drainage Facilities  
 Fund 3U23, Dept. TWM, Unit S724, Activity ERCT  
 Object 4111, Program No. TW12S724, CT TWM12S724F1  
 Vendor No. VS0000016343, in an amount not to exceed \$ 9,803.00

Flood Protection and Storm Drainage Facilities  
 Fund 3U23, Dept. TWM, Unit S725, Activity ERCT  
 Object 4111, Program No. TW12S275, CT TWM12S724F1  
 Vendor No. VS0000016343, in an amount not to exceed \$ 4,900.00

Flood Protection and Storm Drainage Facilities  
 Fund 4U23, Dept. TWM, Unit S761, Activity ERCT  
 Object 4111, Program No. TW12S761 CT TWM12S724F1  
 Vendor No. VS0000016343, in an amount not to exceed \$36,983.00

Flood Protection and Storm Drainage Facilities  
 Fund 4U23, Dept. TWM, Unit S759, Activity ERCT  
 Object 4111, Program No. TW12S759, CT TWM12S724F1  
 Vendor No. VS0000016343, in an amount not to exceed \$32,098.00

Total amount not to exceed \$88,684.00



April 27, 2016

**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 professional services contracts with Garver, LLC for the engineering design of five erosion control improvement projects (list attached) - Not to exceed \$88,684 - Financing: 2012 Bond Funds (\$19,603) and General Obligation Commercial Paper Funds (\$69,081)

Garver, 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:** Professional Services

### LOCAL/NON-LOCAL CONTRACT SUMMARY

	<u>Amount</u>	<u>Percent</u>
Total local contracts	\$88,684.00	100.00%
Total non-local contracts	\$0.00	0.00%
<b>TOTAL CONTRACT</b>	<b>\$88,684.00</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>
Alliance Geotechnical Group	BMDB94986Y0117	\$18,920.00	21.33%
2M Associates	IMDB36537Y0716	\$9,500.00	10.71%
Dal-Tech Engineering	WFWB63908Y0017	\$7,062.00	7.96%
<b>Total Minority - Local</b>		<b>\$35,482.00</b>	<b>40.01%</b>

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

None

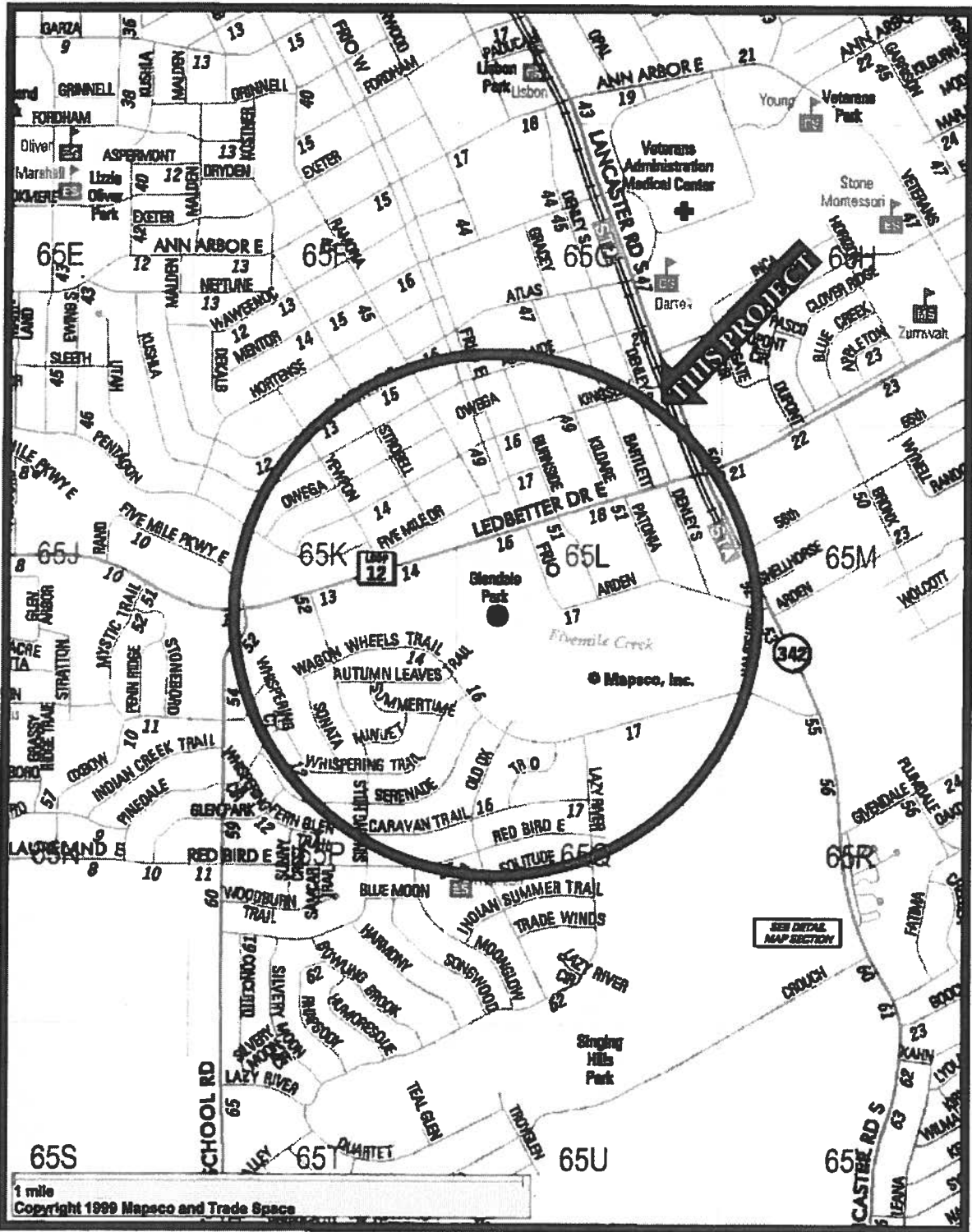
### TOTAL M/WBE CONTRACT PARTICIPATION

	<u>Local</u>	<u>Percent</u>	<u>Local &amp; Non-Local</u>	<u>Percent</u>
African American	\$18,920.00	21.33%	\$18,920.00	21.33%
Hispanic American	\$0.00	0.00%	\$0.00	0.00%
Asian American	\$9,500.00	10.71%	\$9,500.00	10.71%
Native American	\$0.00	0.00%	\$0.00	0.00%
WBE	\$7,062.00	7.96%	\$7,062.00	7.96%
<b>Total</b>	<b>\$35,482.00</b>	<b>40.01%</b>	<b>\$35,482.00</b>	<b>40.01%</b>

**Professional Services contracts for five Erosion Control Projects**

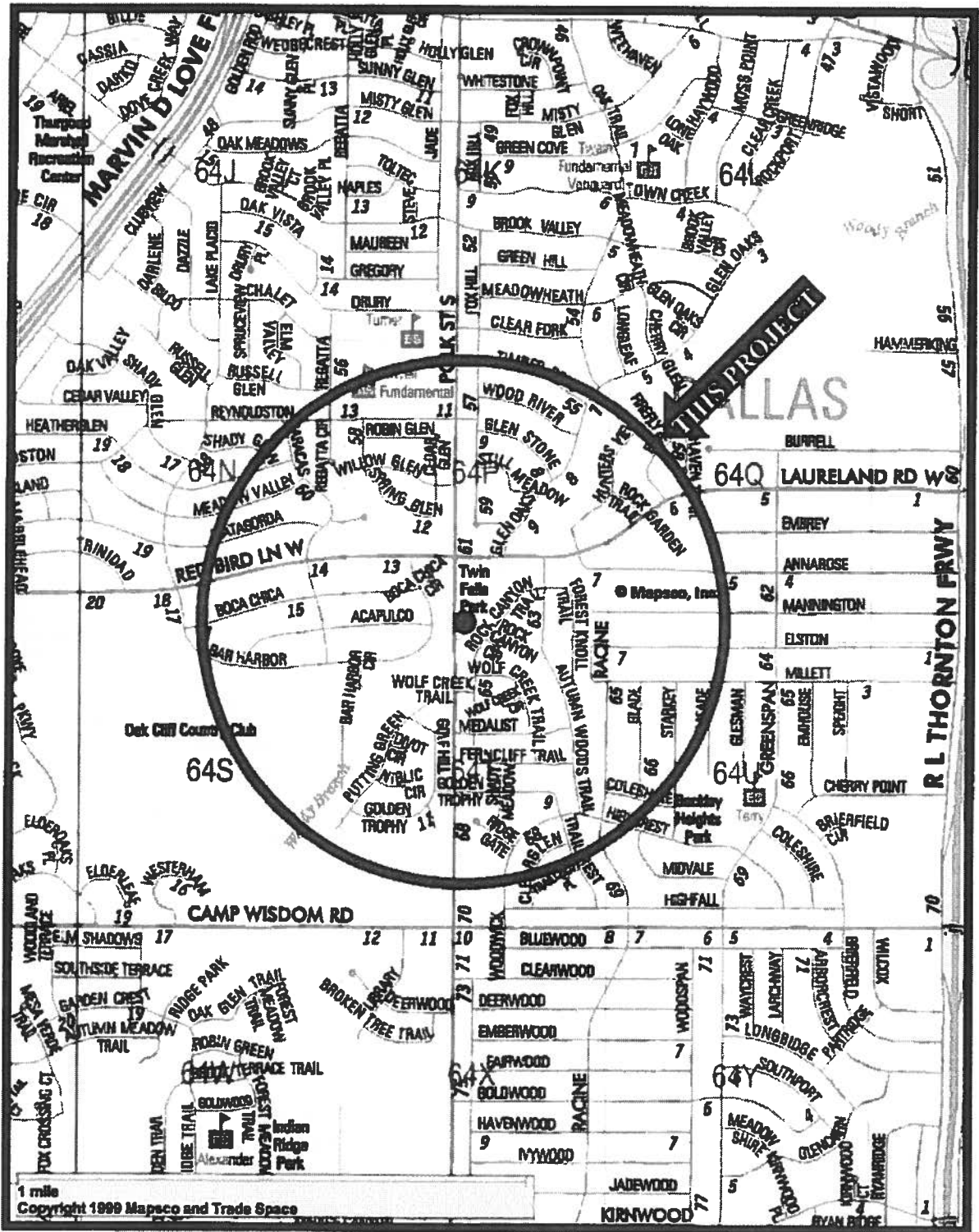
<b><u>Location</u></b>	<b><u>Council District</u></b>	<b><u>Firm</u></b>	<b><u>Amount</u></b>
<b><u>Group 12</u></b>		Garver, LLC.	
Glendale Park Site 4	3		\$ 4,900.00
Glendale Park Site 1	3		\$ 9,803.00
Glendale Park Site 3	3		\$ 4,900.00
Twin Falls Park Trail	3		\$36,983.00
Turtle Creek Greenbelt Site 1	14		\$32,098.00

# Erosion Control Group 12



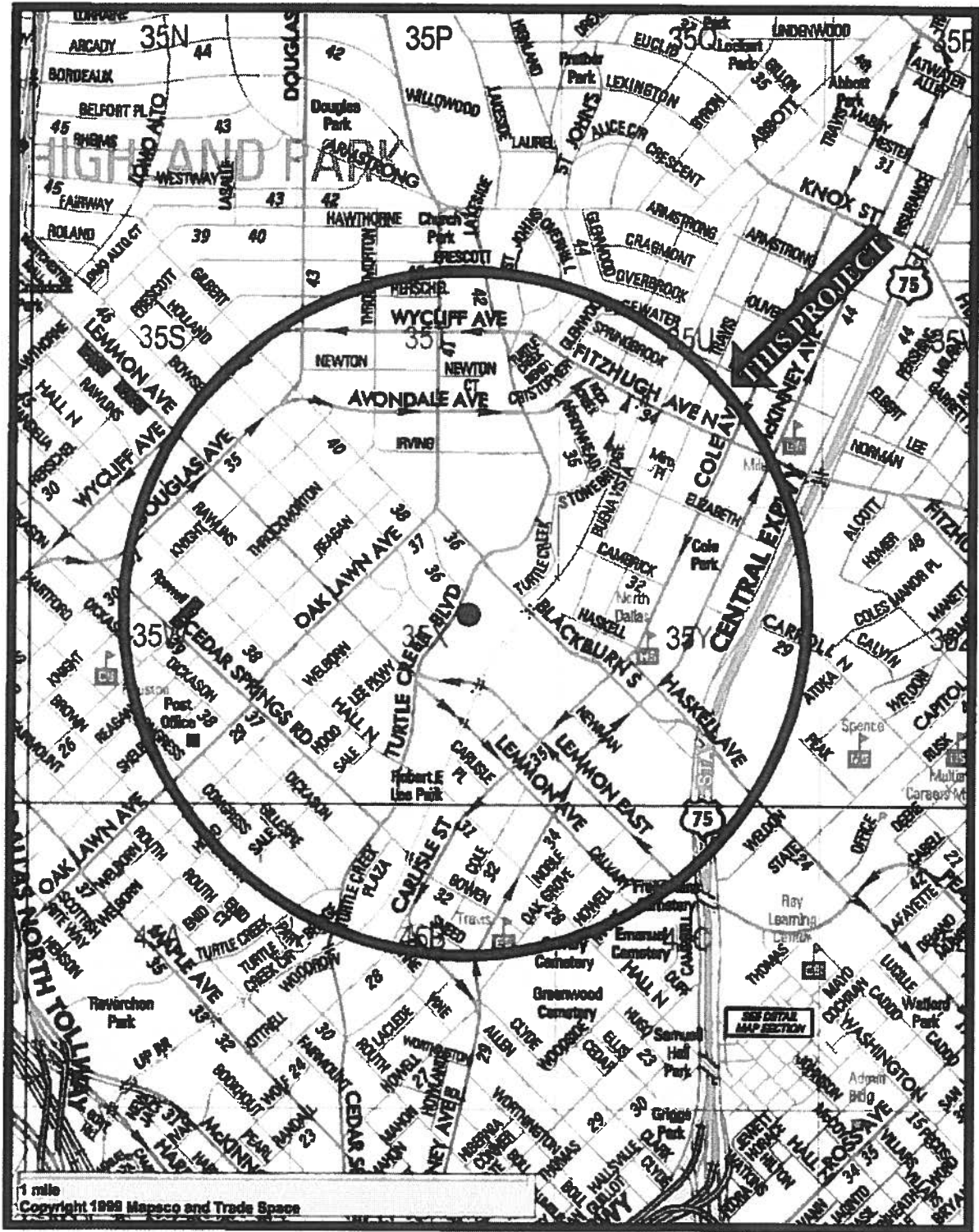
# Mapsco 65-L

# Erosion Control Group 12



Mapsco 64-P

# Erosion Control Group 12



Mapsco 35-X

**KEY FOCUS AREA:** Economic Vibrancy  
**AGENDA DATE:** April 27, 2016  
**COUNCIL DISTRICT(S):** 2, 6  
**DEPARTMENT:** Trinity Watershed Management  
**CMO:** Mark McDaniel, 670-3256  
**MAPSCO:** 44F

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**SUBJECT**

Authorize an increase in the contract with AUI Contractors, LLC for cooling water piping modifications, landscape improvements, pavement improvements and additional electrical improvements for the New Baker No. 3 Pump Station - Not to exceed \$375,822, from \$42,623,042 to \$42,998,864 - Financing: 2006 Bond Funds

**BACKGROUND**

The 2006 Bond Program included \$48.1 million dollars for the Levee Drainage System – Hampton-Oak Lawn Sump Project, also referred to as the Baker No. 3 Pump Station. The Baker No. 3 Pump Station project is located at 2331 Irving Boulevard, and provides 100-year flood protection for the large commercial and industrial area near the Stemmons I-35 corridor through a total pumping capacity of 700,000 gallons per minute.

In September 2010, when the project was initially advertised for construction, the US Army Corps of Engineers (USACE) added new requirements for sump design. Due to budget and timing constraints, the City proceeded with the construction of the pump station with 50% sump design plans and a planned change order for sump improvements to meet the new USACE parameters. Funding for the anticipated additional work was set aside and budgeted for future award. AUI Contractors, LLC was notified on June 27, 2012 of award of the contract in the amount of \$37,869,184.00 with a construction period of 900 calendar days to rehabilitate the Baker No. 2 and construct the new Baker No. 3 Pump Station.

On August 14, 2013, Council approved Change Order No. 1 by Resolution No. 13-1329 for pump station inlet modifications, emergency generator relocation and deepening of the low flow pump.

**BACKGROUND** (Continued)

Resolution No. 14-0673 on April 23, 2014, approved Change Order No. 2 that included the USACE approved sump improvements, in addition to structural, electrical, instrumentation control, piping and roofing that necessary to complete construction. The Change Order also allowed for a time extension of 90 calendar days.

Change Order No. 3 was approved as an Administrative Action No. 15-1505 in August 2015. This change order included Concrete Masonry Unit wall modification, cathodic and lightening protection modifications, power factor correction additions and installation of fiber optic cable conduit to allow future connection to the Hampton pump station.

Recent experience with the cooling water system at the Pavaho Pump station indicates that iron pipe can be subject to clogging during low flow periods, which can hinder performance during regular storm related pumping. Operations staff have requested replacing the iron piping at the Baker Pump station with stainless steel pipe to prevent this issue from occurring. In addition to the cooling water piping modifications, Change Order No. 4 includes landscape improvements, pavement improvements and additional electrical improvements at New Baker. The total cost of Change Order No. 4 is \$375,822.00. The stainless steel piping improvements will be completed 85 days after notice to proceed. It is anticipated that the project will be complete in July, 2016.

**ESTIMATED SCHEDULE OF PROJECT**

Began Design	June 2007
Completed Design	February 2012
Began Construction	September 2012
Complete Construction	July 2016

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

Authorized professional services contracts with HNTB Corporation and Carter and Burgess, Inc. on June 13, 2007, by Resolution No. 07-1833 for design of the New Baker No. 3 Pump Station.

Authorized Supplemental Agreement No. 1 to the professional services contract with Carter & Burgess, Inc., a wholly owned subsidiary of Jacobs Engineering Group, Inc., on October 28, 2009, by Resolution No. 09-2652.

Authorized Supplemental Agreement No. 2 to the professional services contract with Carter & Burgess, Inc., a wholly owned subsidiary of Jacobs Engineering Group, Inc., on June 23, 2010, by Resolution No. 10-1707.



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

Authorized Supplemental Agreement No. 3 to the professional services contract with Carter & Burgess, Inc., a wholly owned subsidiary of Jacobs Engineering Group, Inc., on February 23, 2011, by Resolution No. 11-0597.

Authorized Supplemental Agreement No. 4 to the professional services contract with Jacobs Engineering Group, Inc., a wholly owned subsidiary of Jacobs Engineering Group, Inc., on June 27, 2012, by Resolution No. 12-1732.

Authorized a construction contract with AUI Contractors, LLC in the amount of \$37,869,184.00 on June 27, 2012, by Resolution No. 12-1731.

Authorized Change Order No. 1 to the contract with AUI Contractors, LLC in the amount of \$92,309.00 on August 14, 2013, by Resolution No. 13-1329.

Authorized Change Order No. 2 to the contract with AUI Contractors, LLC in the amount of \$4,616,623.20 on April 23, 2014, by Resolution No. 14-0673.

**FISCAL INFORMATION**

2006 Bond Funds - \$375,822.00

Design

Original Design Contract	\$ 7,621,000.00
Supplemental Agreement No. 1	\$ 530,440.00
Supplemental Agreement No. 2	\$ 3,727,000.00
Supplemental Agreement No. 3	\$ 2,145,000.00
Supplemental Agreement No. 4	<u>\$ 1,500,000.00</u>

Total Design Amount \$15,523,440.00

Construction

Original Construction Contract	\$37,869,184.00
Change Order No. 1	\$ 92,309.00
Change Order No. 2	\$ 4,616,623.20
Change Order No. 3	\$ 44,926.00
Change Order No. 4 (this action)	<u>\$ 375,822.00</u>

Total Amount \$42,998,864.20

**FISCAL INFORMATION** (Continued)

<b><u>Council District</u></b>	<b><u>Amount</u></b>
2	\$187,911.00
6	<u>\$187,911.00</u>
Total	\$375,822.00

**M/WBE INFORMATION**

See attached.

**ETHNIC COMPOSITION**

**AUI Contractors, LLC**

Hispanic Female	3	Hispanic Male	11
African-American Female	0	African-American Male	0
Other Female	0	Other Male	0
White Female	4	White Male	49

**OWNER**

**AUI Contractors, LLC**

Doug Alumbaugh, President

**MAP**

Attached

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

**PROJECT:** Authorize an increase in the contract with AUI Contractors, LLC for cooling water piping modifications, landscape improvements, pavement improvements and additional electrical improvements for the New Baker No. 3 Pump Station - Not to exceed \$375,822, from \$42,623,042 to \$42,998,864 - Financing: 2006 Bond 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-contractor.

**PROJECT CATEGORY:** Professional Services

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

	<u>Amount</u>	<u>Percent</u>
Local contracts	\$205,538.64	54.69%
Non-local contracts	\$170,283.36	45.31%
<b>TOTAL THIS ACTION</b>	<b>\$375,822.00</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>
DFW Aggregates	HFMB60488N0217	\$1,133.00	0.55%
<b>Total Minority - Local</b>		<b>\$1,133.00</b>	<b>0.55%</b>

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

None

### **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%	\$2,701,913.97	6.28%
Hispanic American	\$1,133.00	0.30%	\$595,389.00	1.38%
Asian American	\$0.00	0.00%	\$0.00	0.00%
Native American	\$0.00	0.00%	\$0.00	0.00%
WBE	\$0.00	0.00%	\$7,849,811.84	18.26%
<b>Total</b>	<b>\$1,133.00</b>	<b>0.30%</b>	<b>\$11,147,114.81</b>	<b>25.92%</b>

April 27, 2016

**WHEREAS**, on June 13, 2007, Resolution No. 07-1833 authorized (1) a professional services contract with HNTB Corporation for program management of major flood management and storm drainage projects included in the 2006 Bond Program in the amount of \$8,423,300.00, and (2) a professional services contract with Carter and Burgess, Inc. for the design of the Levee Drainage System at Hampton-Oak Lawn Sump and Pavaho Sump in the amount of \$7,621,000.00; and,

**WHEREAS**, on October 28, 2009, Resolution No. 09-2652 authorized Supplemental Agreement No. 1 to the professional services contract with Carter & Burgess, Inc., a wholly owned subsidiary of Jacobs Engineering Group, Inc., for additional design services on the Levee Drainage System-Hampton Oak Lawn and the Levee Drainage System-Pavaho Pump Stations in an amount \$530,440.00, increasing the contract amount from \$7,621,000.00 to \$8,151,440.00; and,

**WHEREAS**, on June 23, 2010, Resolution No. 10-1707 authorized Supplemental Agreement No. 2 to the professional services contract with Carter & Burgess, Inc., a wholly owned subsidiary of Jacobs Engineering Group, Inc., for construction management services and for design support during construction in the amount of \$3,727,000.00, from \$8,151,440.00 to \$11,878,440.00; and,

**WHEREAS**, on February 23, 2011, Resolution No. 11-0597 authorized Supplemental Agreement No. 3 to the professional services contract with Carter & Burgess, Inc., a wholly owned subsidiary of Jacobs Engineering Group, Inc., for additional design services to address Federal Emergency Management Agency (FEMA) and U.S. Army Corps of Engineers requirements in the amount of \$2,145,000.00, from \$11,878,440.00 to \$14,023,440.00; and,

**WHEREAS**, on June 27, 2012, Resolution No. 12-1732 authorized Supplemental Agreement No. 4 to the professional services contract with Jacobs Engineering Group, Inc., a wholly owned subsidiary of Jacobs Engineering Group, Inc., in the amount of \$1,500,000.00, from \$14,023,440.00 to \$15,523,440.00; and

**WHEREAS**, bids were received on May 10, 2012, for the construction of the Baker No. 3 Pump Station; and,

**WHEREAS**, on June 27, 2012, Resolution No. 12-1731 awarded the Contract for construction of Baker No. 3 and rehab of Baker No. 2 to AUI Contractors, LLC in the amount of \$37,867,184.00; and,

**WHEREAS**, on August 14, 2013 Resolution No. 13-1329 authorized approval of Change Order No. 1 to the contract with AUI Contractors, LLC in the amount of \$92,309.00; and,

April 27, 2016

**WHEREAS**, on April 23, 2014 Resolution No. 14-0673 authorized approval of Change Order No. 2 to the contract with AUI Contractors, LLC in the amount of \$4,616,623.20; and,

**WHEREAS**, on August 24, 2015 Administrative Change Order No. 15-1505 authorized approval of Change Order No. 3 to the contract with AUI Contractors, LLC in the amount of \$44,926.00; and,

**WHEREAS**, the U.S. Army Corps of Engineers will recognize this contract with AUI Contractors, LLC as a portion of the City of Dallas' in-kind credit for the 35% cost sharing of the Water Resources Development Act of 2007, Section 5141 for the Dallas Floodway project that may also reduce future city expenses and for the Corps' construction project.

**Now, Therefore,**

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

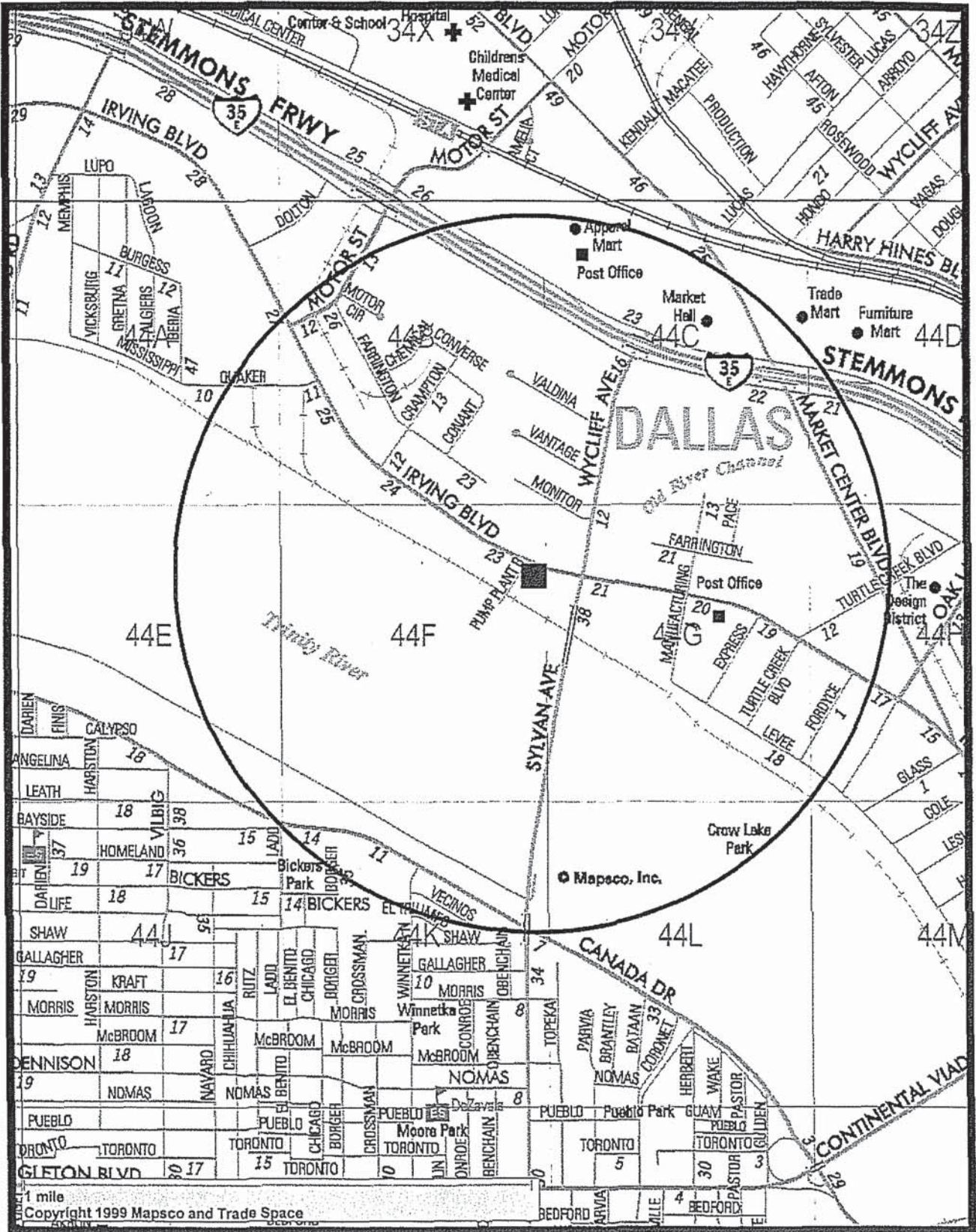
**Section 1.** That the City Manager is hereby authorized to execute Change Order No. 4 with AUI Contractors, LLC in an amount not to exceed \$375,822.00.

**Section 2.** That the Chief Financial Officer is hereby authorized to disburse funds in accordance with the terms and conditions of the agreement from:

Flood Protection and Storm Drainage Facilities Fund	
Fund 3T23, Department TWM, Unit T509, Act. FLDM	
Obj. 4540, Program # PB06T509, CT PBW06T509J1	
Vendor #259651, in an amount not to exceed	\$375,822.00

**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.

**Levee Drainage System – Hampton / Oak Lawn Sump  
Baker Pump Station**



**Mapsco 44-F**

**KEY FOCUS AREA:** Economic Vibrancy  
**AGENDA DATE:** April 27, 2016  
**COUNCIL DISTRICT(S):** 13  
**DEPARTMENT:** Trinity Watershed Management  
**CMO:** Mark McDaniel, 670-3256  
**MAPSCO:** 23B

---

**SUBJECT**

Authorize ratification of emergency concrete channel construction to repair flood damage to a concrete lined channel along Joe’s Creek in Northwest Dallas - Jeske Construction Company, lowest responsive bidder of four - Not to exceed \$104,352 - Financing Stormwater Drainage Management Capital Construction Funds

**BACKGROUND**

This action will ratify the emergency repairs to a concrete lined channel along Joe’s Creek. The concrete lined channel is adjacent to a residential neighborhood and experienced significant damage due to high water and velocities that exceed the channel capacity. Emergency action is required to stabilize the concrete lined channel and protect the residential neighborhood from future rain events.

The City advertised this project and received four bids. This action authorizes a contract with Jeske Construction Company, lowest responsive bidder of four, to construct the repairs to the concrete lined channel.

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

Information about this item will be provided to the Transportation and Trinity River Project Committee on April 25, 2016.

**FISCAL INFORMATION**

Stormwater Drainage Management Capital Construction Funds - \$104,352.00

**OWNER**

**Jeske Construction Company**

Steve Jeske, President

**MAP**

Attached



April 27, 2016

**WHEREAS**, in May 2015, the Dallas/Fort Worth area experienced historic amounts of rainfall; and,

**WHEREAS**, rainfall continued into June 2015; and,

**WHEREAS**, the concrete lined channel along Joe's Creek suffered significant flood damage, jeopardizing residential property; and,

**WHEREAS**, the City now desires ratification by the City Council of this expenditure under the Charter of the City of Dallas.

**NOW, THEREFORE,**

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

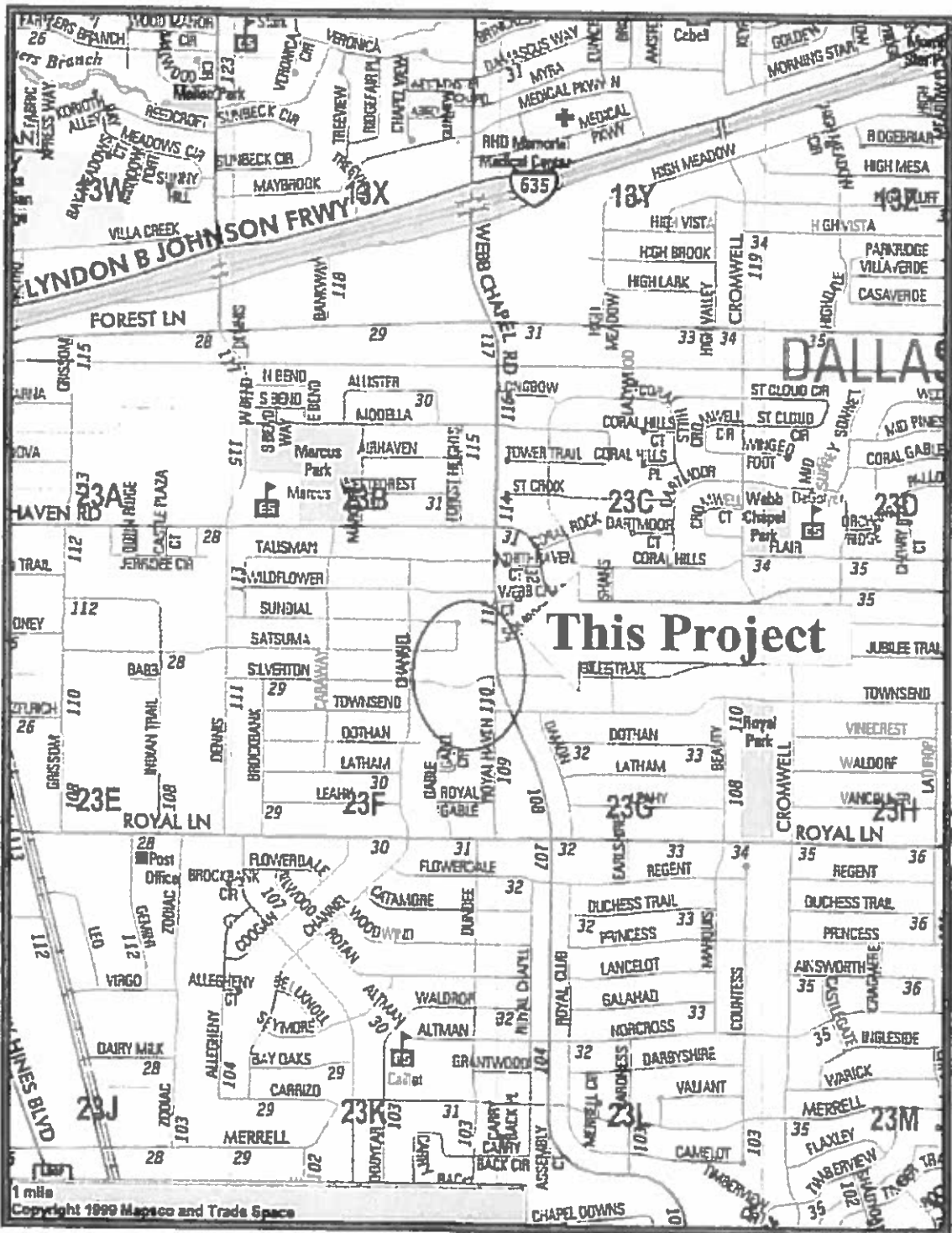
**Section 1.** That the City Manager is hereby authorized to execute ratification of payment to Jeske Construction Company, lowest responsive bidder of four, in the amount of \$104,352.00 upon approval as to form by the City Attorney.

**Section 2.** That the Chief Financial Officer is authorized to disburse funds from the following appropriation in an amount not to exceed \$104,352.00:

<u>FUND</u>	<u>DEPT</u>	<u>UNIT</u>	<u>OBJECT</u>	<u>VENDOR NUMBER</u>	<u>AMOUNT</u>	<u>ENCUMBRANCE</u>
0063	SDM	4793	3210	083791	\$104,352.00	SDMFC007G1

**Section 3.** That this resolution shall take effective 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.

# Joe's Creek Emergency



MAPSCO 23B

**KEY FOCUS AREA:** Economic Vibrancy

**AGENDA DATE:** April 27, 2016

**COUNCIL DISTRICT(S):** 4

**DEPARTMENT:** Trinity Watershed Management

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

**MAPSCO:** 64G

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**SUBJECT**

Authorize ratification of emergency storm drainage pipe construction to repair a collapsed storm drainage pipe along Village Fair Place, from Ledbetter Drive to Five Mile Creek, with North Texas Contracting, Inc., lowest responsive bidder of three - Not to exceed \$208,980 - Financing: Stormwater Drainage Management Capital Construction Funds

**BACKGROUND**

This action will ratify the emergency repairs necessary for a collapsed storm drainage pipe located along Village Fair Place, from Ledbetter Drive to Five Mile Creek. The collapsed storm drainage pipe has created soil erosion that worsens each time it rains. Emergency action is necessary to repair the storm drain and prevent further erosion and potential damage to the adjacent roadway.

The emergency storm drainage improvements include the installation of storm drainage pipe, concrete work, riprap and other miscellaneous items necessary to complete the project.

The City advertized the project and received three bids. This action authorizes a contract with North Texas Contracting, Inc. lowest responsive bidder of three, to construct storm drain improvements from Ledbetter Drive to Five Mile Creek.

**ESTIMATED SCHEDULE OF PROJECT**

Began Construction	March 2016
Complete Construction	May 2016

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

Information about this item will be provided to the Transportation and Trinity River Project Committee on April 25, 2016.

**FISCAL INFORMATION**

Stormwater Drainage Management Capital Construction Funds - \$208,980.00

**OWNER**

**North Texas Contracting, Inc.**

Zach Fusilier, Vice President

**MAP**

Attached

April 27, 2016

**WHEREAS**, North Texas Contracting, Inc. was selected to provide the construction of storm drain pipe from Ledbetter Drive to Five Mile Creek.

**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 ratification of payment to North Texas Contracting, Inc., lowest responsive bidder of three, for the construction of a storm drain pipe from Ledbetter Drive to Five Mile Creek in an amount not to exceed \$208,980.00, after it has been approved as to form by the City Attorney.

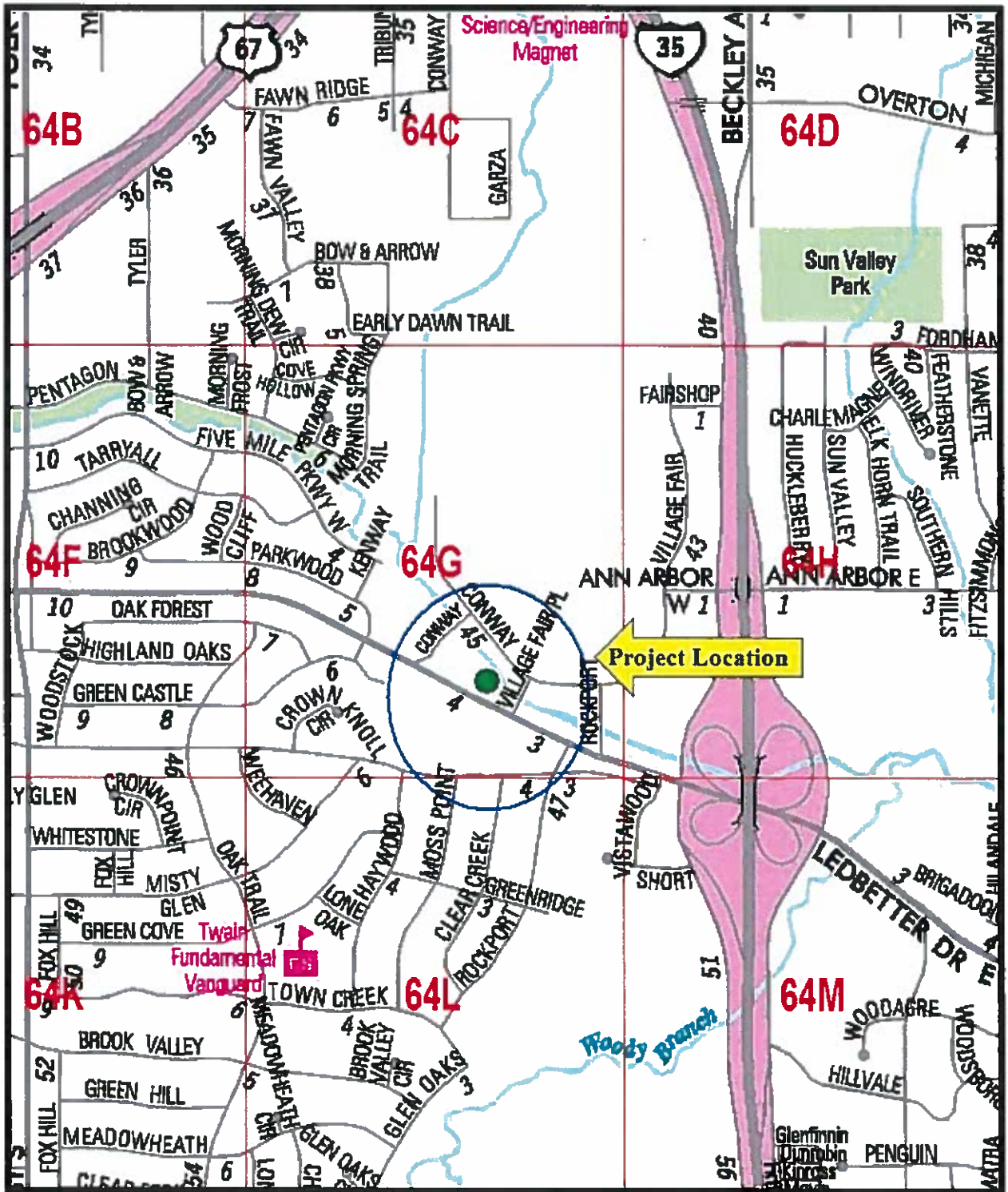
**Section 2.** That the Chief Financial Officer is hereby authorized to disburse funds from the following appropriation in an amount not to exceed \$208,980.00:

Storm Drainage Management Capital Construction  
Fund 0063, Dept. SDM, Unit 4793, Activity SD01  
Object 3210, Program No. SDMFC008, CT  
SDMF008G1

Vendor No. 514455, in an amount not to exceed \$ 208,980.00

**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.

Ledbetter Drive Storm Drain Emergency Repair



Mapsc0 64G

**KEY FOCUS AREA:** Economic Vibrancy

**AGENDA DATE:** April 27, 2016

**COUNCIL DISTRICT(S):** All

**DEPARTMENT:** Water Utilities  
Trinity Watershed Management

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

**MAPSCO:** All

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**SUBJECT**

**Environmental Services**

- \* Authorize a professional services contract with AECOM Technical Services, Inc. to provide environmental services related to the construction or repair of water and wastewater mains, construction of new facilities, renovation of existing facilities, and general environmental services - Not to exceed \$697,937 - Financing: Water Utilities Current Funds (subject to annual appropriations)
- \* Authorize a professional services contract with Terracon Consultants, Inc. to provide environmental services related to the construction or repair of stormwater drainage, maintenance inside the levee limits, soil stabilization for erosion control projects, construction of new facilities, renovation of existing facilities, and storm drain environmental services - Not to exceed \$628,611 - Financing: Stormwater Drainage Management Capital Construction Funds (\$314,305) and Stormwater Drainage Management Current Funds (\$314,306) (subject to annual appropriations)

**BACKGROUND**

Dallas Water Utilities and Trinity Watershed Management Department regularly work on the repair and replacement of underground infrastructure, demolish facilities and/or repair facilities and evaluate property for environmental compliance prior to repair or replacement work. Prior to, or immediately following this work, it is pertinent to evaluate the field conditions in order to meet requirements of the Texas Commission on Environmental Quality and dispose of waste at the appropriate landfill.

Authorization of these environmental consultant service contracts will allow for proper testing, review, documentation and management of waste prior to disposal.

**BACKGROUND** (Continued)

The services include waste management compliance evaluations, Phase 1 and Phase 2 environmental site investigations, asbestos consulting services, soil and ground sampling, wetland permits and mitigation compliance, air and noise monitoring services, GIS mapping services, and related environmental training. The consultants will provide support in the revision and development of the Watershed Protection Plan and the Aquatic Resource Relocation Plan. They will also assist in the understanding of local, state and federal regulations, which will include guidance on compliance with the Clean Water Act, Safe Drinking Water Act, Clean Air Act, Comprehensive Environmental Response, Compensation and Liability Act, Resource Conservation and Recovery Act, and Solid Waste Disposal Act.

**ESTIMATED SCHEDULE OF PROJECT**

Begin Services        May 2016  
Complete Services    May 2019

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

Information about this item will be provided to the Transportation & Trinity River Project Committee on April 25, 2016.

**FISCAL INFORMATION**

\$697,936.48 - Water Utilities Current Funds (subject to annual appropriations)  
\$314,306.00- Stormwater Drainage Management Current Funds (subject to annual appropriations)  
\$314,305.00 - Stormwater Drainage Management Capital Construction Funds

**M/WBE INFORMATION**

See attached.

**ETHNIC COMPOSITION**

AECOM Technical Services, Inc.

Hispanic Female	14	Hispanic Male	16
Black Female	8	Black Male	10
Other Female	11	Other Male	37
White Female	41	White Male	79



**ETHNIC COMPOSITION** (Continued)

Terracon Consultants, Inc.

Hispanic Female	3	Hispanic Male	17
Black Female	4	Black Male	6
Other Female	5	Other Male	10
White Female	19	White Male	67

**OWNERS**

**AECOM Technical Services, Inc.**

Timothy H. Keener, Chief Executive Officer and President

**Terracon Consultants, Inc.**

David R. Gaboury, President

**MAPS**

Attached

## BUSINESS INCLUSION AND DEVELOPMENT PLAN SUMMARY

**PROJECT:** Authorize a professional services contract with Terracon Consultants, Inc. to provide environmental services related to the construction or repair of stormwater drainage, maintenance inside the levee limits, soil stabilization for erosion control projects, construction of new facilities, renovation of existing facilities, and storm drain environmental services - Not to exceed \$628,611 - Financing: Stormwater Drainage Management Capital Construction Funds (\$314,305) and Stormwater Drainage Management Current Funds (\$314,306) (subject to annual appropriations)

Terracon Consultants, 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

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### LOCAL/NON-LOCAL CONTRACT SUMMARY

	<u>Amount</u>	<u>Percent</u>
Total local contracts	\$522,611.00	83.14%
Total non-local contracts	\$106,000.00	16.86%
<b>TOTAL CONTRACT</b>	<b>\$628,611.00</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>
Xenco Laboratories	HMMB63633Y1116	\$156,000.00	29.85%
Cheryl's Drafting & Design	WFDB96904Y0716	\$1,200.00	0.23%
<b>Total Minority - Local</b>		<b>\$157,200.00</b>	<b>30.08%</b>

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

<u>Non-local</u>	<u>Certification</u>	<u>Amount</u>	<u>Percent</u>
MagnaCore Drilling & Environmental Svcs.	HMDB97230Y0217	\$10,000.00	9.43%
Sunbelt Industrial Services	WFWB64135Y0217	\$30,000.00	28.30%
GeoSearch, LLC	WFDB5191900316	\$20,000.00	18.87%
<b>Total Minority - Non-local</b>		<b>\$60,000.00</b>	<b>56.60%</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	\$156,000.00	29.85%	\$166,000.00	26.41%
Asian American	\$0.00	0.00%	\$0.00	0.00%
Native American	\$0.00	0.00%	\$0.00	0.00%
WBE	\$1,200.00	0.23%	\$51,200.00	8.14%
Total	<u>\$157,200.00</u>	<u>30.08%</u>	<u>\$217,200.00</u>	<u>34.55%</u>

April 27, 2016

**WHEREAS**, Trinity Watershed Management Department desires environmental services related to the construction or repair of stormwater drainage, maintenance inside the levee limits, soil stabilization for erosion control projects, construction of new facilities, renovation of existing facilities, and storm drain environmental services; and,

**WHEREAS**, Terracon Consultants, Inc., 8901 John W. Carpenter Freeway, Suite 100, Dallas, Texas 75247, has submitted an acceptable proposal to provide these environmental services;

**Now, Therefore,**

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

**Section 1.** That the proposal submitted by Terracon Consultants, Inc. in the amount of \$628,611.00 be approved and the consultant be authorized to perform the required environmental services.

**Section 2.** That the City Manager is hereby authorized to enter into a contract with Terracon Consultants, Inc., to provide environmental services related to the construction or repair of stormwater drainage, maintenance inside the levee limits, soil stabilization for erosion control projects, construction of new facilities, renovation of existing facilities, and storm drain environmental services, after approval as to form by the City Attorney.

**Section 3.** That the Chief Financial Officer is hereby authorized to disburse funds in accordance with the terms and conditions of the contract from the Stormwater Drainage Management Current Fund in an amount not to exceed \$314,306 (subject to annual appropriations) as follows:

<u>FUND</u>	<u>DEPT</u>	<u>UNIT</u>	<u>OBJ</u>	<u>ACT</u>	<u>ENCUMBRANCE</u>	<u>VENDOR</u>	<u>AMOUNT</u>
0061	SDM	4792	3070	SD01	MASC SDM4792VH1	341409	\$314,306

**Section 4.** That the Chief Financial Officer is hereby authorized to disburse funds in accordance with the terms and conditions of the contract from the Stormwater Drainage Management Capital Construction Fund in an amount not to exceed \$314,305 as follows:

<u>FUND</u>	<u>DEPT</u>	<u>UNIT</u>	<u>OBJ</u>	<u>ACT</u>	<u>ENCUMBRANCE</u>	<u>VENDOR</u>	<u>AMOUNT</u>
0063	SDM	W076	3070	SD01	MASC SDM16W076G1	341409	\$314,305

**Section 5.** 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 professional services contract with AECOM Technical Services, Inc. to provide environmental services related to the construction or repair of water and wastewater mains, construction of new facilities, renovation of existing facilities, and general environmental services - Not to exceed \$697,937 - Financing: Water Utilities Current Funds (subject to annual appropriations)

AECOM Technical Services, 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

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### LOCAL/NON-LOCAL CONTRACT SUMMARY

	<u>Amount</u>	<u>Percent</u>
Total local contracts	\$667,936.48	95.70%
Total non-local contracts	\$30,000.00	4.30%
<b>TOTAL CONTRACT</b>	<b>\$697,936.48</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>
Xenco Laboratories	HMMB63633Y1116	\$5,000.00	0.75%
Benchmark Environmental Consultants	WFDB73045Y0416	\$146,159.40	21.88%
<b>Total Minority - Local</b>		<b>\$151,159.40</b>	<b>22.63%</b>

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

<b><u>Non-local</u></b>	<b><u>Certification</u></b>	<b><u>Amount</u></b>	<b><u>Percent</u></b>
Sunbelt Industrial Services	WFWB64135Y0217	\$30,000.00	100.00%
<b>Total Minority - Non-local</b>		<b>\$30,000.00</b>	<b>100.00%</b>

**TOTAL M/WBE CONTRACT PARTICIPATION**

	<b><u>Local</u></b>	<b><u>Percent</u></b>	<b><u>Local &amp; Non-Local</u></b>	<b><u>Percent</u></b>
African American	\$0.00	0.00%	\$0.00	0.00%
Hispanic American	\$5,000.00	0.75%	\$5,000.00	0.72%
Asian American	\$0.00	0.00%	\$0.00	0.00%
Native American	\$0.00	0.00%	\$0.00	0.00%
WBE	\$146,159.40	21.88%	\$176,159.40	25.24%
Total	<u>\$151,159.40</u>	<u>22.63%</u>	<u>\$181,159.40</u>	<u>25.96%</u>

April 27, 2016

**WHEREAS**, Dallas Water Utilities desires environmental services related to the construction or repair of water and wastewater mains, construction of new facilities, renovation of existing facilities, and general environmental services; and,

**WHEREAS**, AECOM Technical Services, Inc., 16000 Dallas Parkway, Suite 350, Dallas, Texas 75248, has submitted an acceptable proposal to provide these environmental services.

**Now, Therefore,**

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

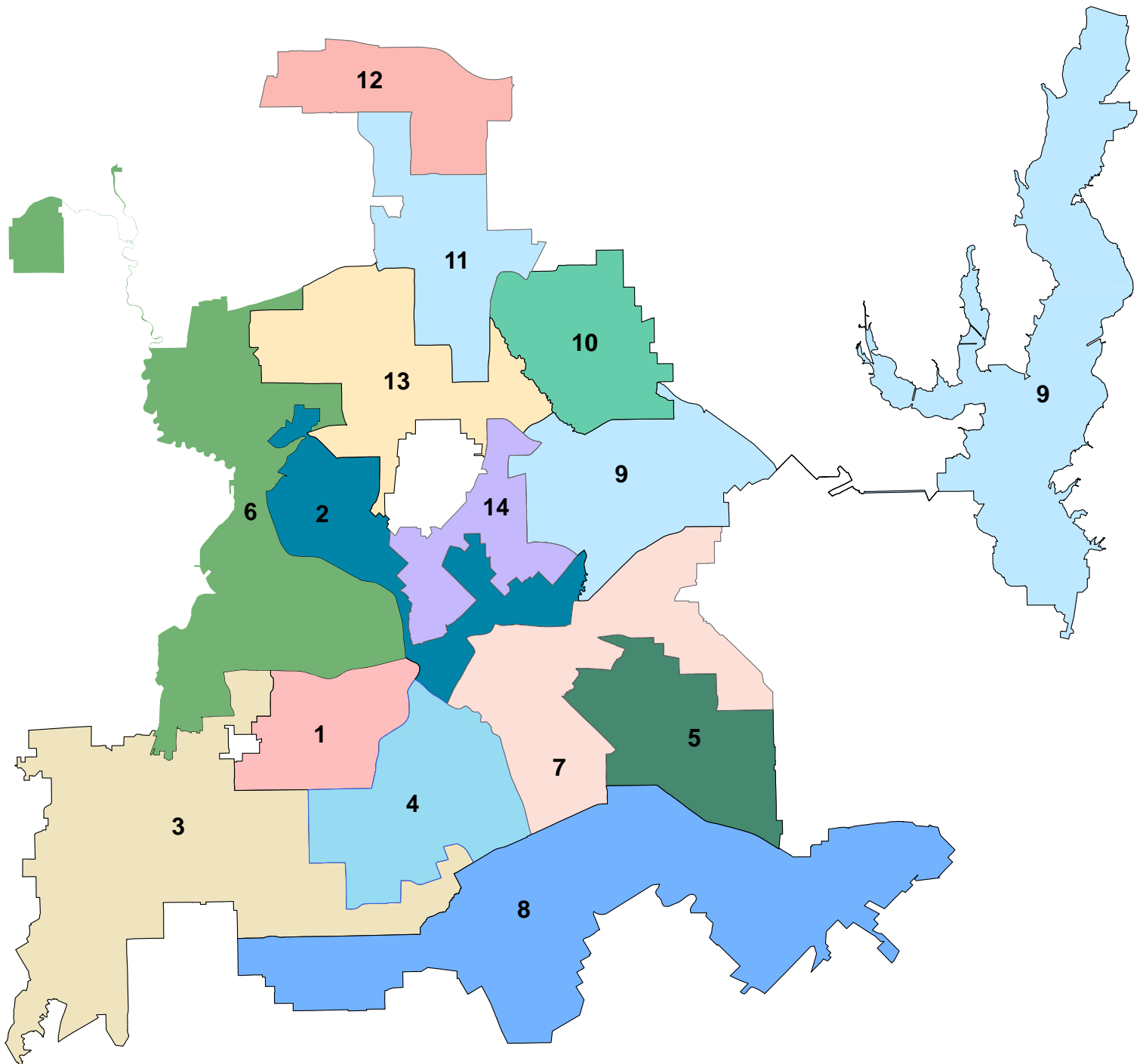
**Section 1.** That the proposal submitted by AECOM Technical Services, Inc. in the amount of \$697,936.48 be approved and the consultant be authorized to perform the required environmental services.

**Section 2.** That the City Manager is hereby authorized to enter into a contract with AECOM Technical Services, Inc., to provide environmental services related to the construction or repair of water and wastewater mains, construction of new facilities, renovation of existing facilities, and general environmental services, after approval as to form by the City Attorney.

**Section 3.** That the Chief Financial Officer is hereby authorized to disburse funds from the Water Utilities Current Fund in an amount not to exceed \$697,936.48 (subject to annual appropriations) as follows:

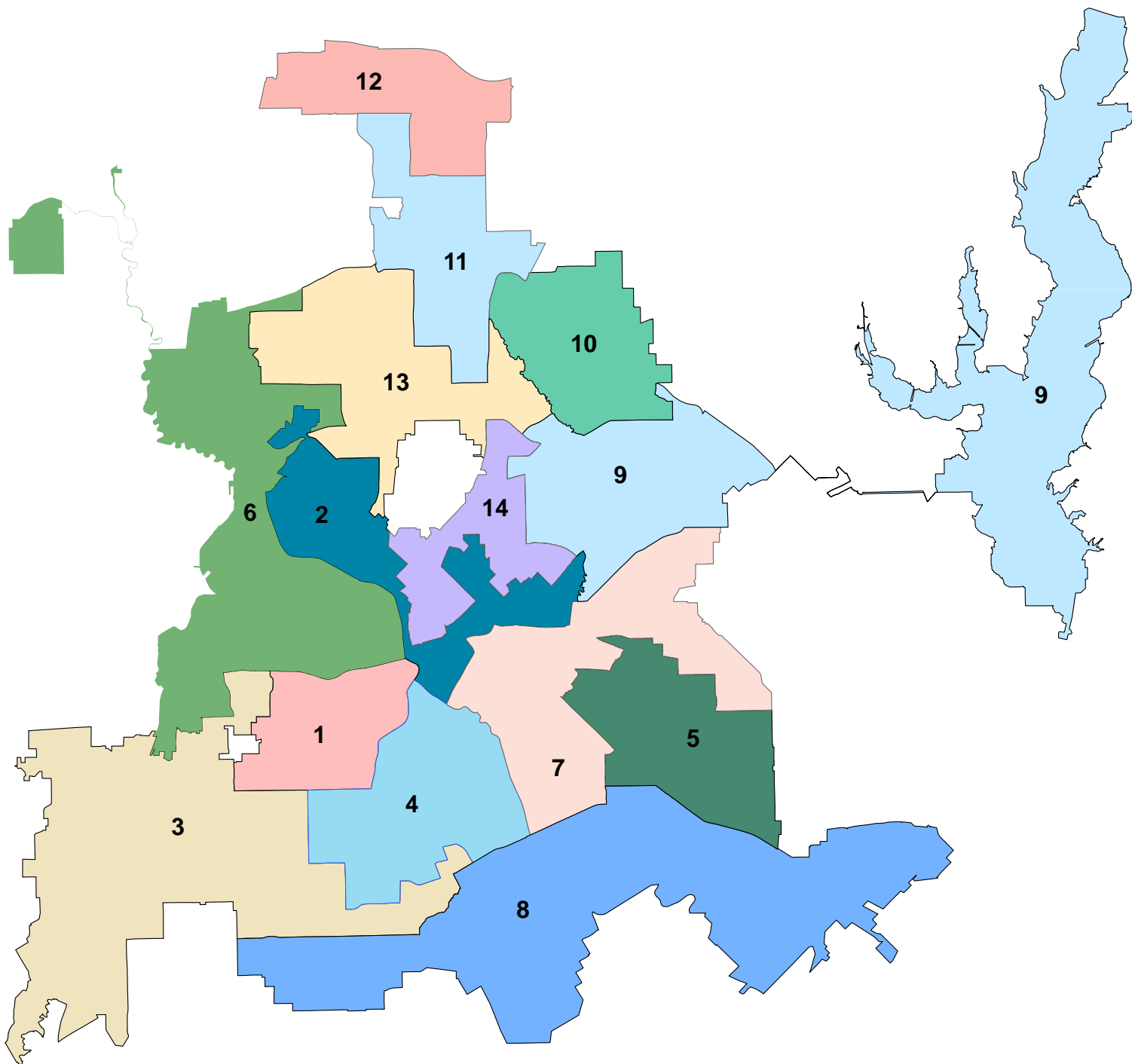
<u>FUND</u>	<u>DEPT</u>	<u>UNIT</u>	<u>OBJ</u>	<u>ENCUMBRANCE</u>	<u>VENDOR</u>
0100	DWU	7015	3072	MASC DWU7015G1600	VC0000011194

**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.



**Trinity Watershed Management Department  
Bid No. BMZ1608  
Environmental Services**





**Dallas Water Utilities  
Contract No. 16-179/180E  
Environmental Services**

**KEY FOCUS AREA:** Economic Vibrancy  
**AGENDA DATE:** April 27, 2016  
**COUNCIL DISTRICT(S):** 4  
**DEPARTMENT:** Water Utilities  
**CMO:** Mark McDaniel, 670-3256  
**MAPSCO:** 56 J

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**SUBJECT**

Authorize an increase in the contract with Cardinal Contractors, Inc. for additional work associated with grit removal improvements at the Central Wastewater Treatment Plant - Not to exceed \$284,821, from \$20,948,000 to \$21,232,821 - Financing: Water Utilities Capital Construction Funds

**BACKGROUND**

On November 14, 2012, the City Council authorized a contract with Cardinal Contractors, Inc. for the construction of grit removal improvements at the Central Wastewater Treatment Plant (CWWTP). The project consists of grit removal and screenings handling improvements to both headworks facilities at the Dallas and White Rock sections of the CWWTP. The existing grit removal facilities were constructed in the early 1980's and have exceeded their service life. Replacing the outdated system with newer, advanced technology will allow the plant to realize significant reductions in operations and maintenance costs by nearly doubling the efficiency of the grit removal facilities.

This action will authorize additional work identified as a result of unforeseen site conditions during the construction of the grit removal improvements. The work involves replacement of the Dallas headworks effluent box which has experienced severe concrete deterioration due to the corrosive environment. The effluent box will be demolished, reconstructed and lined with a corrosive resistant coating to significantly increase its service life. This work is necessary to provide a functioning grit removal system at the CWWTP.

**ESTIMATED SCHEDULE OF PROJECT**

Began Design                      September 2011  
Completed Design                August 2012  
Began Construction                January 2013  
Complete Construction            June 2016

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

Authorized a professional services contract with HDR Engineering, Inc. to provide engineering services associated with process improvements at the Central Wastewater Treatment Plant on May 12, 2010, by Resolution No. 10-1233.

Authorized Supplemental Agreement No. 1 to the professional services contract with HDR Engineering, Inc. for additional design and construction administration services associated with process improvements at the Central Wastewater Treatment Plant on September 14, 2011, by Resolution No. 11-2421.

Authorized a contract with Cardinal Contractors, Inc. for the construction of grit removal and screening improvements at the Central Wastewater Treatment Plant on November 14, 2012, by Resolution No. 12-2770.

Information about this item will be provided to the Transportation & Trinity River Project Committee on April 25, 2016.

**FISCAL INFORMATION**

\$284,820.85 - Water Utilities Capital Construction Funds

Design	\$ 792,469.00
Supplemental Agreement No. 1	\$ 3,386,180.00
Construction Contract	\$20,948,000.00
Change Order No. 1 (this action)	<u>\$ 284,820.85</u>
Total Project Cost	\$25,411,469.85

**M/WBE INFORMATION**

See attached.

**ETHNIC COMPOSITION**

Cardinal Contractors, Inc.

Hispanic Female	0	Hispanic Male	55
Black Female	0	Black Male	0
Other Female	0	Other Male	0
White Female	0	White Male	25

**OWNER**

**Cardinal Contractors, Inc.**

Harold D. Patrick, President

**MAP**

Attached

April 27, 2016

**WHEREAS**, on November 14, 2012, the City Council awarded Contract No. 12-036 in the amount of \$20,948,000.00, by Resolution No. 12-2770, to Cardinal Contractors, Inc., for the construction of grit removal improvements at the Central Wastewater Treatment Plant; and,

**WHEREAS**, additional work has been identified as necessary to complete and provide a functioning grit removal system at the Central Wastewater Treatment Plant; and,

**WHEREAS**, Cardinal Contractors, Inc., 9001 Primoris Court, Fort Worth, Texas 76140, has submitted an acceptable proposal for this additional work; and,

**WHEREAS**, Dallas Water Utilities recommends that Contract No. 12-036 be increased by \$284,820.85, from \$20,948,000.00 to \$21,232,820.85.

**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. 12-036 with Cardinal Contractors, Inc., be revised accordingly.

**Section 2.** That the Chief Financial Officer is hereby authorized to disburse funds in an amount not to exceed \$284,820.85 from the Wastewater 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>
0103	DWU	CS30	4330	712036	CT-DWU712036CP	VS0000074310

Cardinal Contractors, Inc. - (Contract No. 12-036) - \$284,820.85

**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 Cardinal Contractors, Inc. for additional work associated with grit removal improvements at the Central Wastewater Treatment Plant - Not to exceed \$284,821, from \$20,948,000 to \$21,232,821 - Financing: Water Utilities Capital Construction Funds

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

**PROJECT CATEGORY:** Construction

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

	<u>Amount</u>	<u>Percent</u>
Local contracts	\$284,820.85	100.00%
Non-local contracts	\$0.00	0.00%
<b>TOTAL THIS ACTION</b>	<b>\$284,820.85</b>	<b>100.00%</b>

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

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

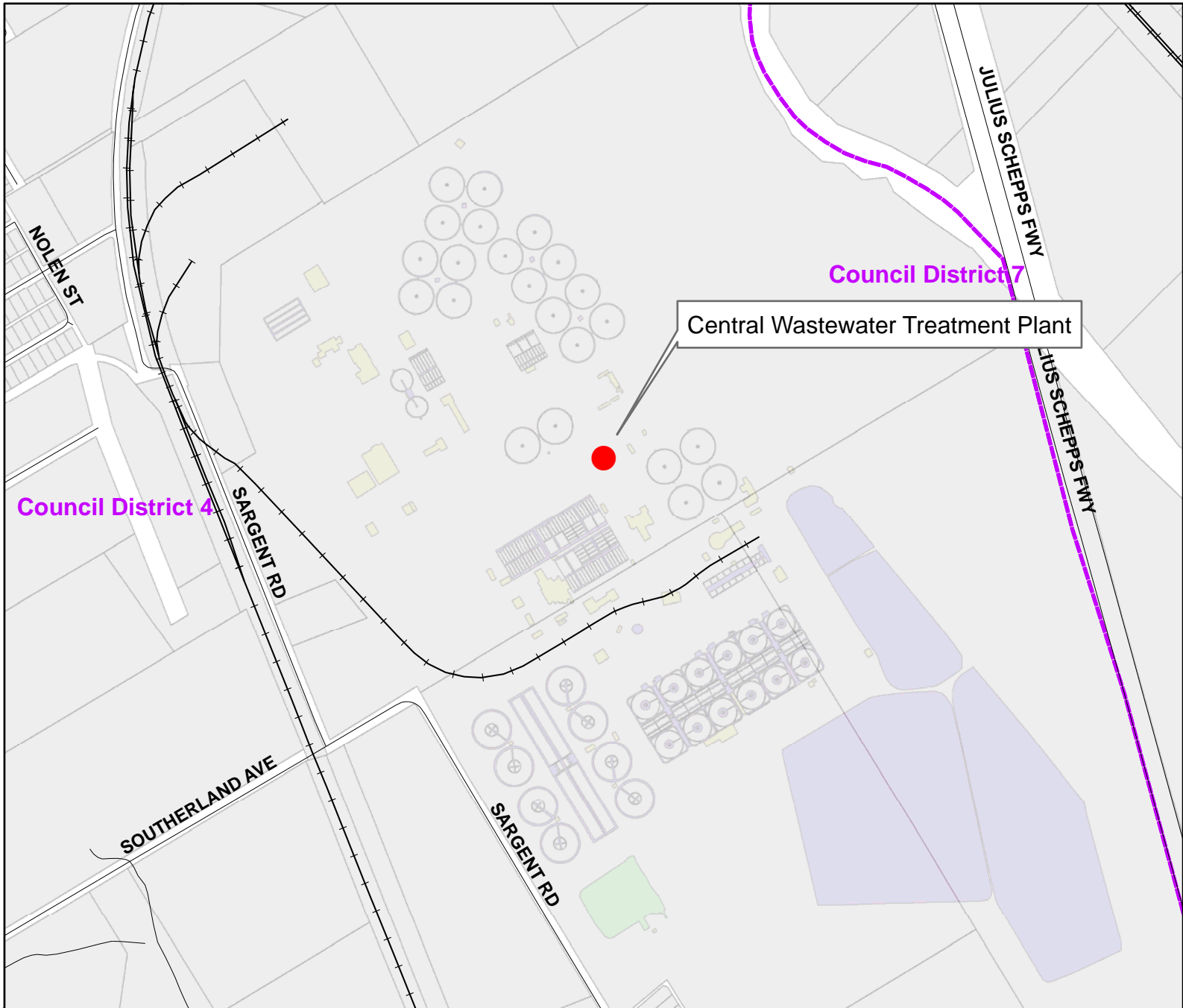
<u>Local</u>	<u>Certification</u>	<u>Amount</u>	<u>Percent</u>
Ram Tool & Supply Company, Inc.	WFWB61372N0416	\$74,000.00	25.98%
<b>Total Minority - Local</b>		<b>\$74,000.00</b>	<b>25.98%</b>

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

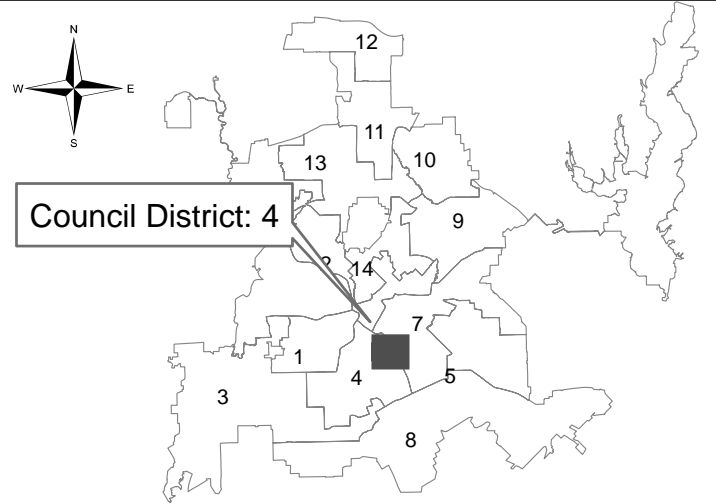
None

### **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%	\$76,664.26	0.36%
Hispanic American	\$0.00	0.00%	\$881,605.00	4.15%
Asian American	\$0.00	0.00%	\$0.00	0.00%
Native American	\$0.00	0.00%	\$0.00	0.00%
WBE	\$74,000.00	25.98%	\$2,933,276.15	13.81%
<b>Total</b>	<b>\$74,000.00</b>	<b>25.98%</b>	<b>\$3,891,545.41</b>	<b>18.33%</b>



Mapsc0: 56 J



**Dallas Water Utilities  
 Contract No. 12-036, Change Order No. 1  
 Central Wastewater Treatment Plant  
 Grit Removal Improvements**

**KEY FOCUS AREA:** Economic Vibrancy  
**AGENDA DATE:** April 27, 2016  
**COUNCIL DISTRICT(S):** All  
**DEPARTMENT:** Water Utilities  
**CMO:** Mark McDaniel, 670-3256  
**MAPSCO:** Various

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**SUBJECT**

Authorize **(1)** approval of an Industrial, Commercial, Institutional (ICI) rebate application from S2/PBC Brookshire, LP in the amount of \$27,035, pursuant to Resolution No. 12-0530, previously approved on February 22, 2012; and **(2)** approval of an ICI rebate application from UT Southwestern Medical Center in the amount of \$38,533, pursuant to Resolution No. 12-0530, previously approved on February 22, 2012 - Total not to exceed \$65,568 - Financing: Water Conservation Program Funds

**BACKGROUND**

Water Conservation remains an essential element of Dallas' long range water supply strategy. In 2005, Council adopted a Five-Year Strategic Plan that defined water conservation goals for Fiscal Year (FY) 2004-05 through FY 2009-10 and recommended steps to achieve those goals. The Strategic Plan was updated in June 2010 and through these conservation efforts, the City has saved an estimated 316 billion gallons of water since October 2001.

The Industrial, Commercial, Institutional (ICI) Rebate Program serves to complement and enhance the ICI Audit Initiative. The audits are provided to the City's ICI customers to help them identify potential water savings throughout their facilities. ICI water consumption audits were included as a water conservation strategy in the City's 2010 Five-year Strategic Plan on Water Conservation Update.

Participating ICI rebate customers are required to have an ICI audit performed by the City of Dallas prior to requesting a rebate. They must also sign an agreement with the City that specifies the rebate amount, installation deadline, and other conditions to ensure that the expected water savings are achieved and maintained after the rebate has been paid. The rebate for each project shall be the lesser of half the cost of the purchase price of equipment up to \$100,000 or \$1.00 for each gallon per day saved up to 100,000 gallons for a maximum of \$100,000 rebate. Proposals in excess of \$25,000 require City Council approval.



## **BACKGROUND** (Continued)

S2/PBC Brookshire, LP has undertaken an aggressive water conservation project at the Residence at Lake Highlands Apartments to replace older high water using fixtures including toilets, showerheads and faucet aerators with more efficient fixtures. The projected water savings from these retrofits is 9,867,848 gallons per year. S2/PBC Brookshire, LP has invested in excess of \$137,723 on this project.

UT Southwestern Medical Center (UTSMC), performed a comprehensive water conservation project to install water efficient toilets, showerheads and faucet inline flow restrictors. The projected water savings from these retrofits is estimated at 15,277,440 gallons per year. The requested rebate is based on 50% of the cost of the installed equipment, \$38,533. UTSMC invested in excess of \$340,280 on this project.

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

On April 13, 2005, City Council authorized adoption of the Water Conservation Five-Year Strategic Plan for the City of Dallas by Resolution No. 05-1221.

On June 9, 2010, City Council authorized adoption of the Water Conservation Five-Year Strategic Plan; and the 2010 Water Conservation Plan for the City of Dallas which was submitted to the Texas Commission on Environmental Quality by Resolution No. 10-1509.

On February 22, 2012, City Council authorized implementation and guidelines for a rebate program for industrial, commercial and institutional water utilities customers by Resolution No. 12-0530.

On February 22, 2012, City Council authorized the five-year service contract for water consumption audits for industrial, commercial and institutional facilities - Alan Plummer and Associates, Inc., by Resolution No. 12-0529.

On February 13, 2012, the Transportation and Environment Committee was briefed on the details of the industrial, commercial and institutional audit initiative and guidelines for the ICI rebate program.

Information about this item will be provided to the Transportation & Trinity River Project Committee on April 25, 2016.

## **FISCAL INFORMATION**

\$65,568.00 - Water Conservation Program Funds

April 27, 2016

**WHEREAS**, water conservation is an essential element of Dallas' Long Range Water Supply Plan; and,

**WHEREAS**, the 2005 Strategic Plan on Water Conservation was designed to achieve a reduction in gallons per capita per day by an average 1% per year from FY 2006 through FY 2010; and,

**WHEREAS**, the goal of the 2010 Five-Year Strategic Plan Update was to further reduce gallons per capita per day by an average 1.5% per year from FY 2011 through FY 2014; and,

**WHEREAS**, Industrial, Commercial and Institutional (ICI) financial rebates were identified in the 2010 Five-Year Strategic Plan Update as a measure to help lower the cost of water efficiency investments and accelerate large volumes of water savings among high water using customers.

**NOW, THEREFORE,**

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

**Section 1.** That the **(1)** approval of an Industrial, Commercial, Institutional (ICI) rebate application from S2/PBC Brookshire, LP in the amount of \$27,035, pursuant to Resolution No. 12-0530, previously approved on February 22, 2012; and **(2)** approval of an (ICI) rebate application from UT Southwestern Medical Center in the amount of \$38,533, pursuant to Resolution No. 12-0530, previously approved on February 22, 2012, after approval as to form by the City Attorney.

**Section 2.** That the Chief Financial Officer is hereby authorized to transfer funds from Water Utilities Current Fund 0100; Dept. DWU; Unit 7140; Obj. Code 3099, to Water Conservation Program Fund 0713; Dept. DWU; Unit 7138; Obj. Code 3099 in an amount not to exceed \$65,568.00.

**Section 3.** That the Chief Financial Officer is hereby authorized to disburse funds in an amount not to exceed \$65,568.00, as follows;

<u>FUND</u>	<u>DEPT</u>	<u>UNIT</u>	<u>OBJ</u>	<u>ENCUMBRANCE</u>	<u>VENDOR</u>	<u>AMOUNT</u>
0713	DWU	7138	3099	CTDWU7138F2001M	VS91081	\$27,035.00

S2/PBC Brookshire, LP

<u>FUND</u>	<u>DEPT</u>	<u>UNIT</u>	<u>OBJ</u>	<u>ENCUMBRANCE</u>	<u>VENDOR</u>	<u>AMOUNT</u>
0713	DWU	7138	3099	CTDWU7138F2002M	VS91363	\$38,533.00

UT Southwestern Medical Center

April 27, 2016

**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 resolved.

# Memorandum



CITY OF DALLAS

DATE April 22, 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 Trinity River Corridor Project  
Dallas Floodway and Dallas Floodway Extension Project Updates

On Monday, April 25, 2016, you will be briefed on the Trinity River Corridor Project Dallas Floodway and Dallas Floodway Extension Project. The briefing materials are attached for your review.

Please feel free to contact me if you have any questions or concerns.

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

Mark McDaniel  
Assistant City Manager

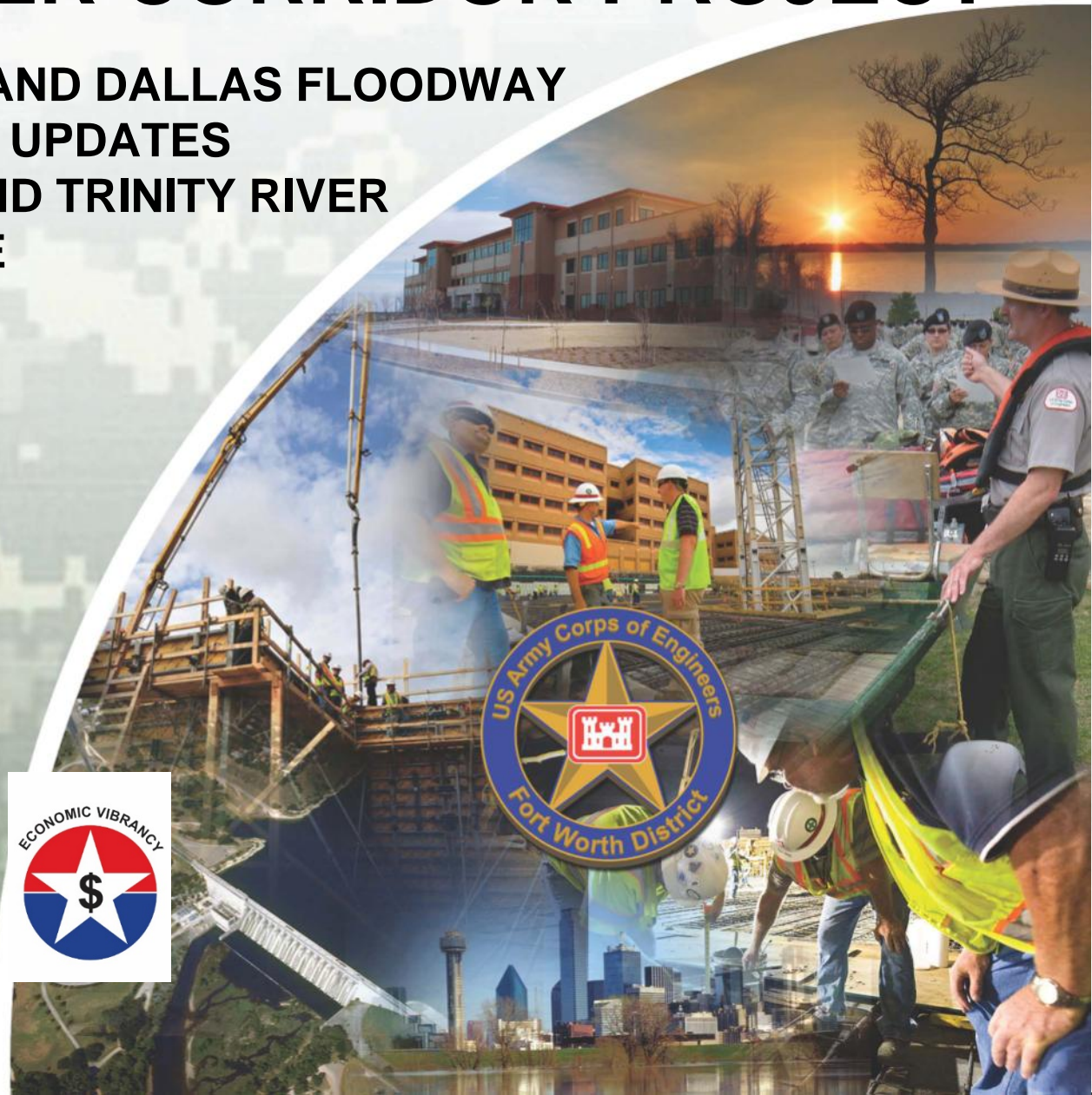
C: Honorable Mayor and Members of the City Council  
A.C. Gonzalez, City Manager  
Warren M.S. Ernst, City Attorney  
Craig D. Kinton, City Auditor  
Rosa A. Rios, City Secretary  
Daniel F. Solis, Administrative Judge  
Ryan S. Evans, First Assistant City Manager

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

# TRINITY RIVER CORRIDOR PROJECT

DALLAS FLOODWAY AND DALLAS FLOODWAY  
EXTENSION PROJECT UPDATES  
TRANSPORTATION AND TRINITY RIVER  
PROJECT COMMITTEE

April 25, 2016



US Army Corps of Engineers  
BUILDING STRONG®

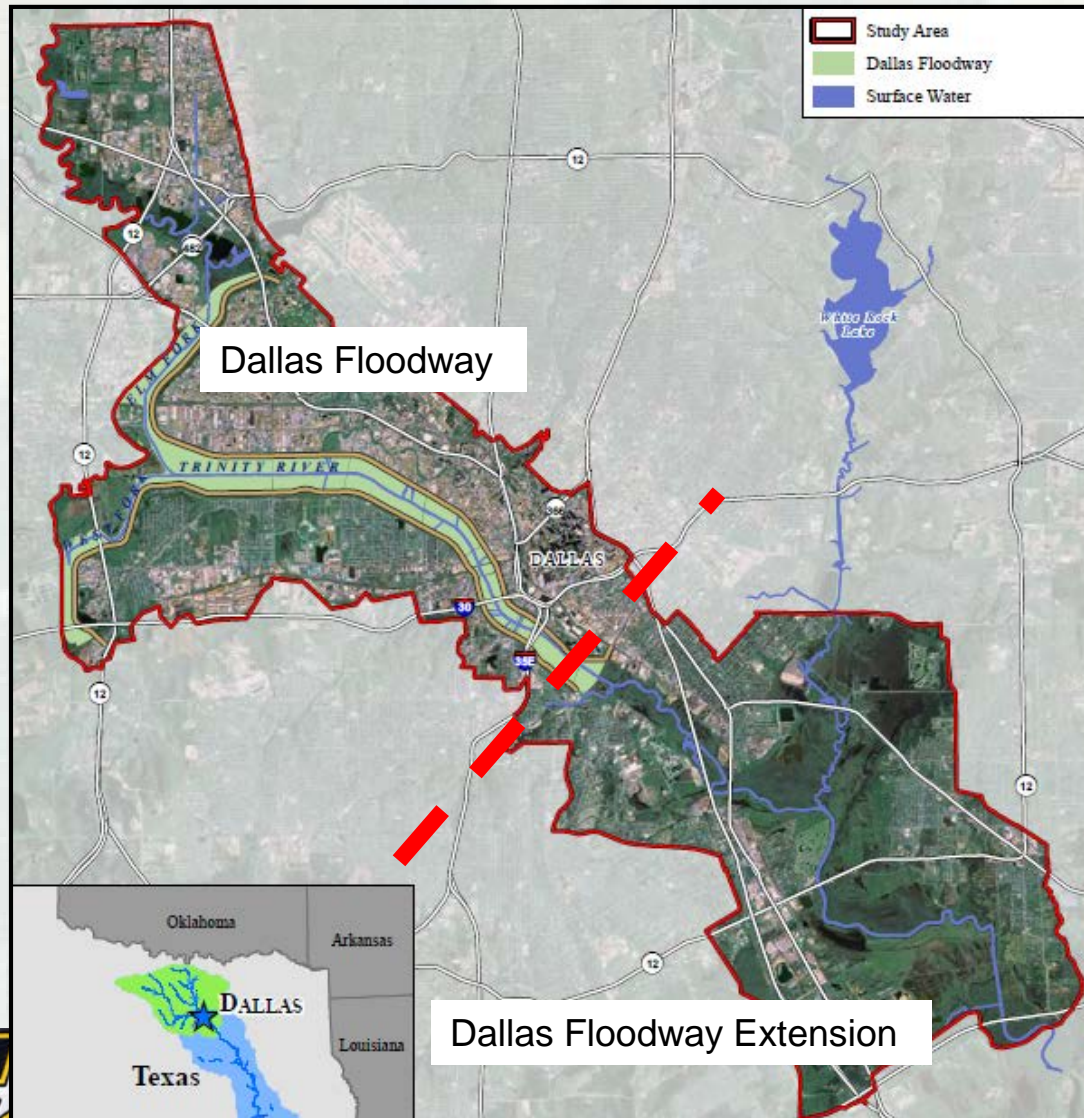


# Trinity River Corridor Project (TRCP) Briefing Outline

- Introduction of Team
- Dallas Floodway
- Dallas Floodway Extension



# TRCP Overview

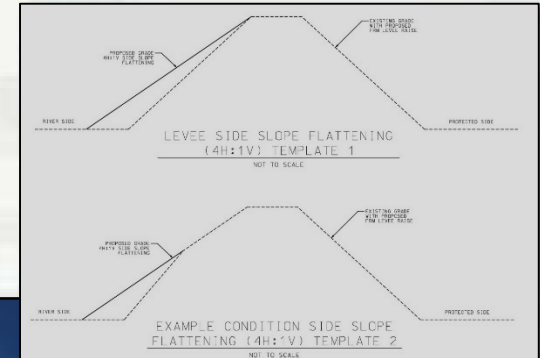


- Adjacent Federal Projects
- Important Flood Risk Management Functions
- Considerable Federal and Non-Federal Activity

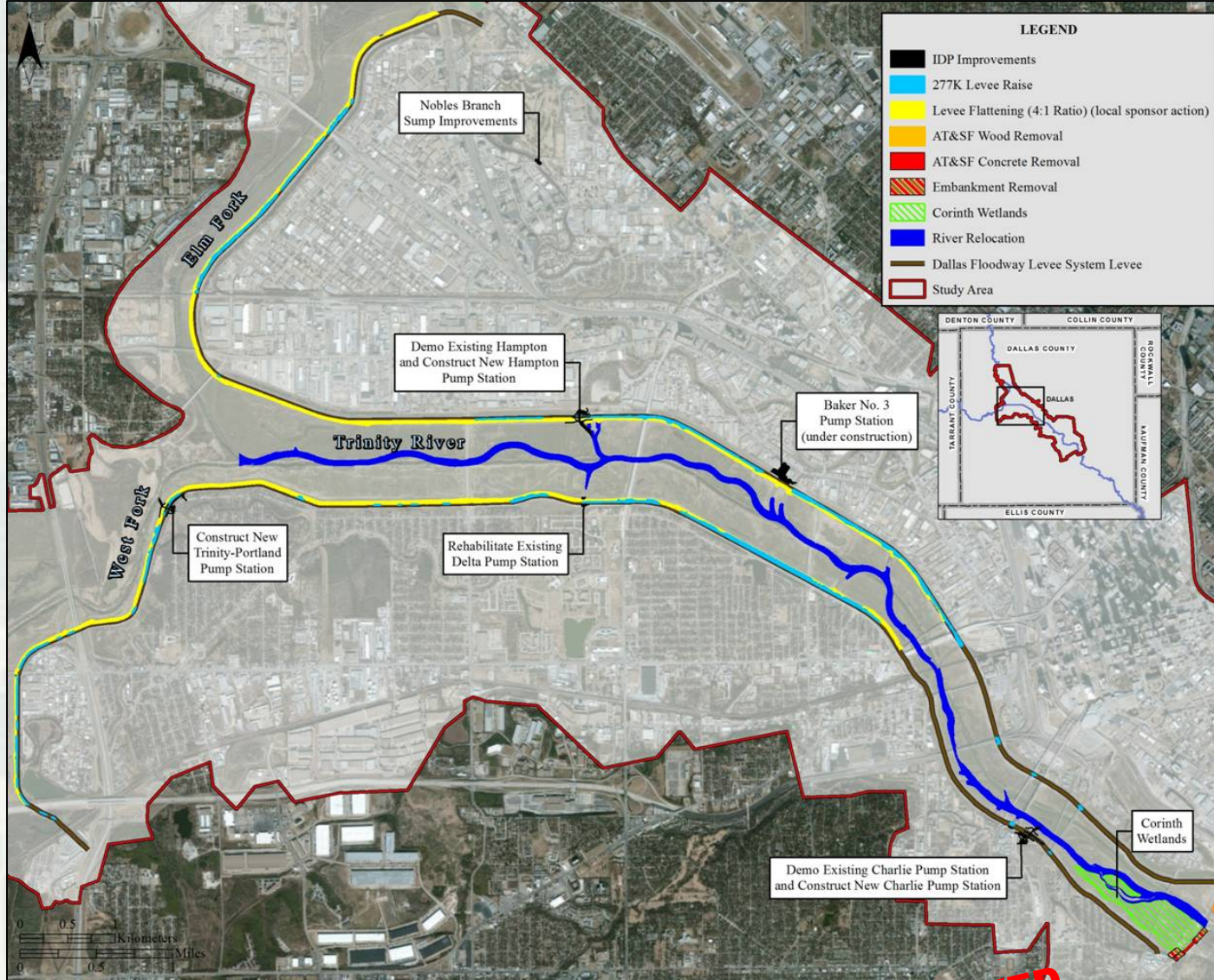


# Dallas Floodway Project Status

- Modified Dallas Floodway Project
  - Approved April 2015
    - 277K cfs Levee Raise
    - 4:1 Side Slopes
    - AT&SF Bridge Modification
    - River Relocation
    - Interior Drainage Plan (Phase I)
  - \$3.4M estimated for PED
    - Federal funding requested in 2017 President's Budget
    - No Funding received to date
    - Federal Funds to be requested in 2018 President's Budget
- Alternative non-federal funding agreement is option







**LEGEND**

- IDP Improvements
- 277K Levee Raise
- Levee Flattening (4:1 Ratio) (local sponsor action)
- AT&SF Wood Removal
- AT&SF Concrete Removal
- Embankment Removal
- Corinth Wetlands
- River Relocation
- Dallas Floodway Levee System Levee
- Study Area

## Flood Risk Management

- 277,000 cfs levee raise with AT&SF Bridge Modifications
- Emergency Action Plan improvements
- Levee side slope flattening to 4H:1V (Betterment @ 100% local cost)

- Interior Drainage Plan Phase I - Baker and Hampton Pump Stations; Nobles Branch Sump Improvements
- Interior Drainage Plan Phase II - Charlie, Delta, New Trinity Portland Pump Stations

## Ecosystem Restoration

- River Relocation (add meanders to approx. 8 miles of the Trinity River in the Floodway)
- Approx. 80 acre wetland in Floodway



**MODIFIED DALLAS FLOODWAY PROJECT - REFERENCE MAP AND RECOMMENDED PLAN**

APPROVED



# Dallas Floodway Operations



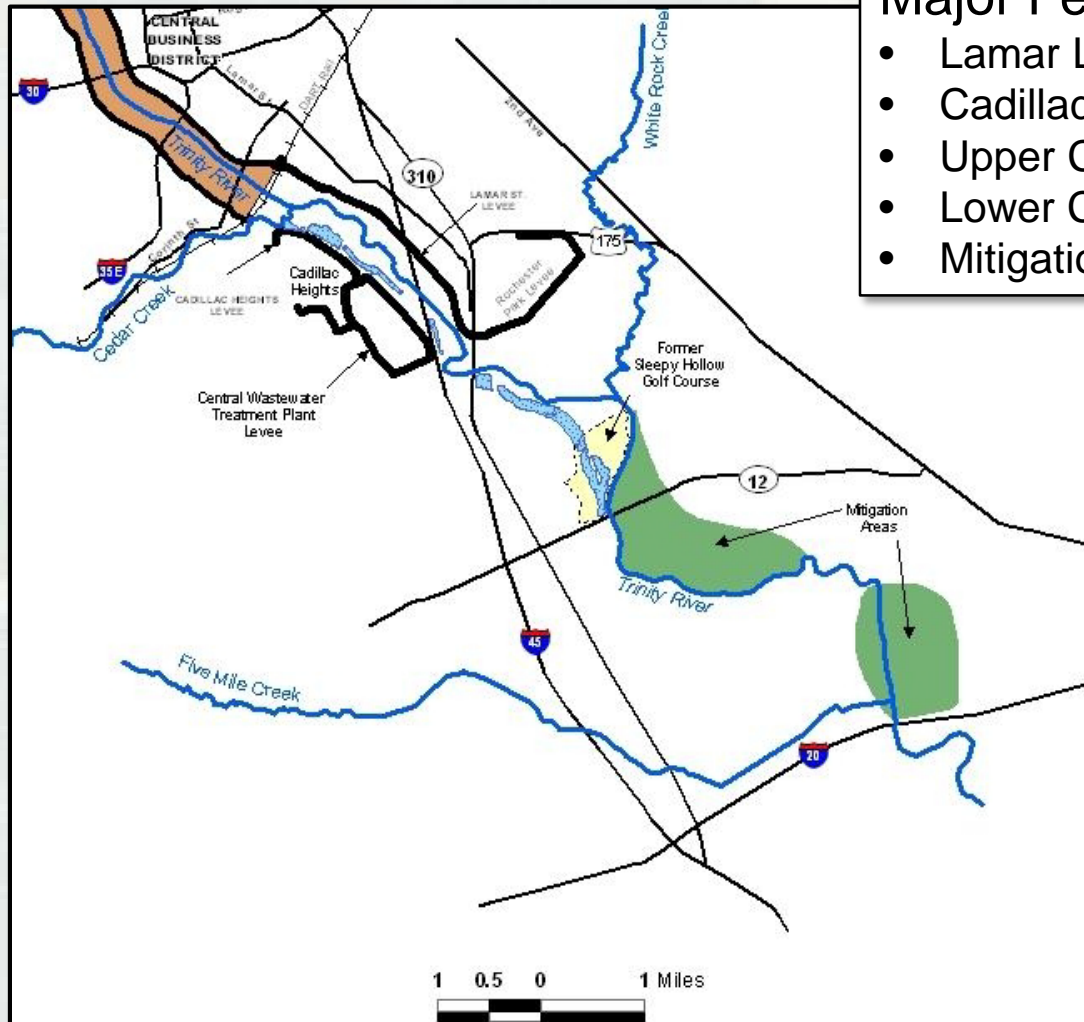
- Performing maintenance inspections
- Federal funding received for Emergency Action Plan update – LifeSim Modeling
- Monitor and provide reports related to rainfall amounts and river flows



# Dallas Floodway Extension (DFE) Overview

## Major Features of DFE:

- Lamar Levee
- Cadillac Heights Levee
- Upper Chain of Wetlands
- Lower Chain of Wetlands
- Mitigation Lands



# Dallas Floodway Extension Status

- Total of \$13 million in funding for DFE in FY15
  - Awarded Access Routes Contract
  - Awarded Erosion Repair Contract
- Received an additional \$4 million of federal funding in FY16 for erosion repair from 2015 flooding

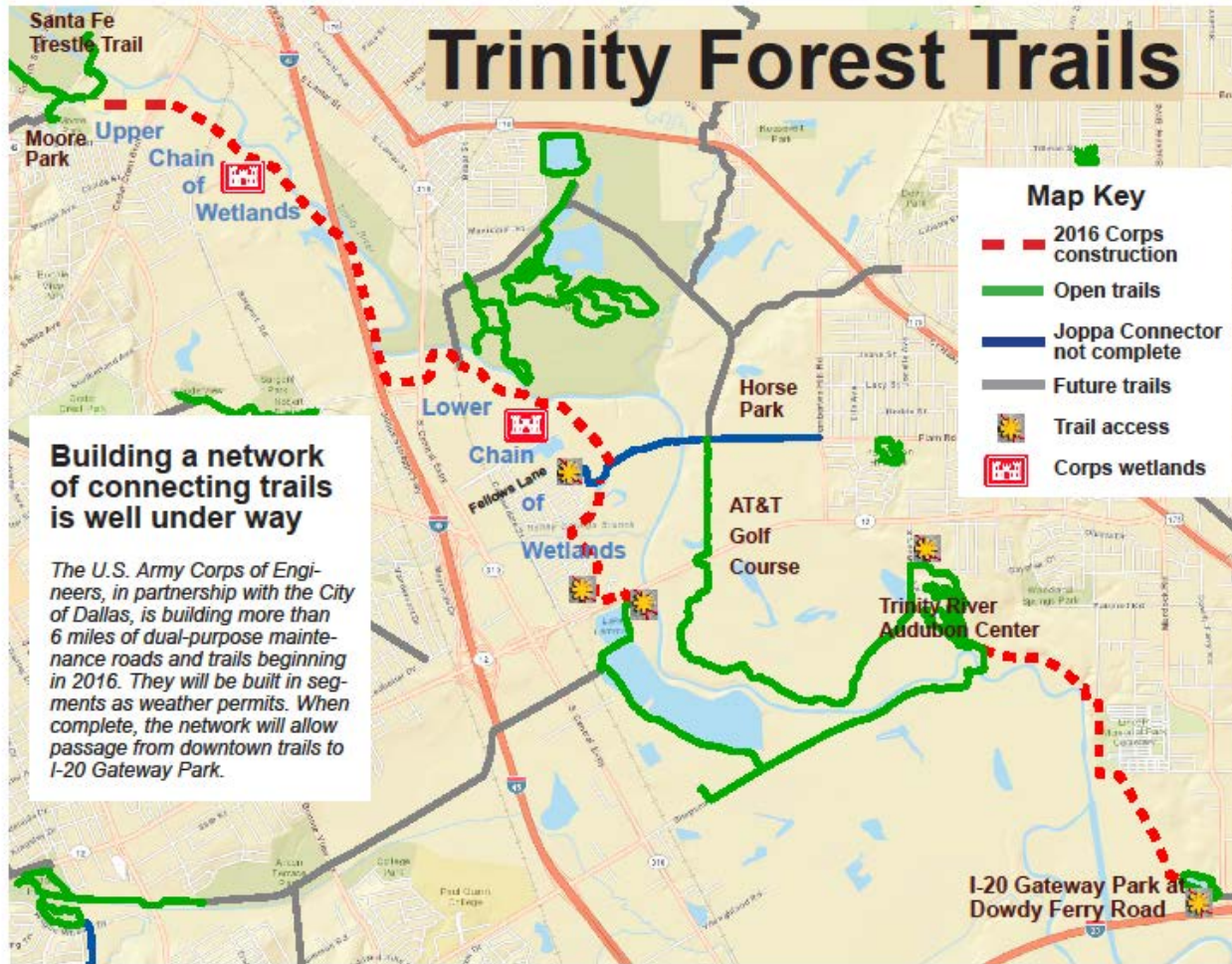


# Dallas Floodway Extension Status

- Upper Chain of Wetlands Construction
  - Construction underway – approximately 75% complete, rain continues to delay work
  - Anticipate major earthwork complete Sep-16
- Lower Chain of Wetlands Cell 'D' Erosion
  - Construction is under significant rain delay
  - Planning for May/Jun re-mobilization
- Access Routes
  - Approximately 1.5 miles of the I-20 and Lower Chain of Wetlands (LCOW) segments built
  - Connectors segments are on hold until Upper Chain of Wetlands (UCOW) construction is complete and the real estate instruments for railroads and TXDOT are in-place.



# DFE Access Routes Status





# Memorandum



CITY OF DALLAS

DATE April 22, 2016

Honorable Members of the Transportation & Trinity River Project Committee:

TO Lee Kleinman (Chair), Eric Wilson (Vice-Chair), Sandy Greyson, Monica R. Alonzo, Adam Medrano, Casey Thomas II

SUBJECT Bond Program Policy and Technical Selection Criteria for Prioritizing Street Projects

On Monday, April 25, 2016, you will be briefed on the Bond Program Policy and Technical Selection Criteria for Prioritizing Streets Projects. The briefing materials are attached for your review.

Please feel free to contact me if you have any questions or concerns.

A handwritten signature in black ink, appearing to read 'Jill Jordan'.

Jill A. Jordan, P.E.

Assistant City Manager

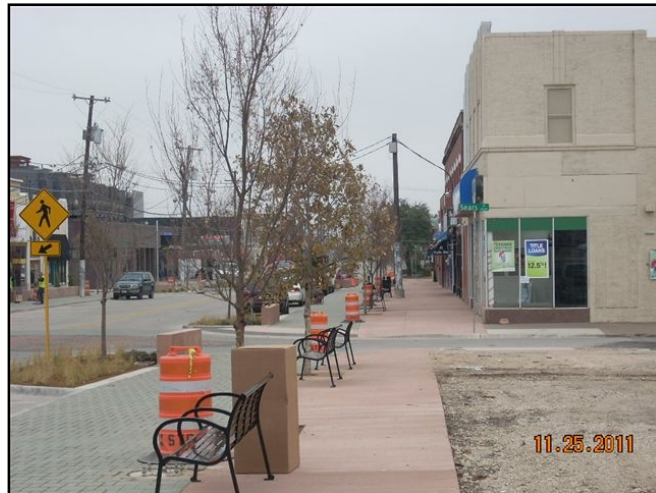
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# Bond Program Policy and Technical Selection Criteria for Prioritizing Street Projects

TRANSPORTATION & TRINITY RIVER PROJECT COMMITTEE – APRIL 25, 2016



# Purpose

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- ❑ Develop policy for the streets portion of the Bond Program
- ❑ Seek feedback on the Prioritizing Improvements (Technical Selection Criteria)

# POLICY AND TECHNICAL SELECTION CRITERIA

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- ❑ Project Selection should advance Council Objectives
- ❑ Criteria are used to rank each project
  - Projects that most reflect Council Policy achieve a higher ranking
- ❑ Approval is needed for the Technical Ranking Criteria

# Street and Transportation Categories of Needs

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- Alley Petition
- Alley Reconstruction
- Barrier Free Ramp
- Bridge Repair and Modification
- Dynamic Message Signs
- Intergovernmental Partnership Project
- School Flashers - Communications Upgrade
- Sidewalk Replacement
- Sidewalk Safety Projects
- Street Lighting
- Street Petition
- Street Reconstruction
- Street Resurfacing
- Target Neighborhood
- Thoroughfare
- Traffic Control Signs Upgrade
- Traffic Signal Upgrade
- Traffic Signals - Detectors
- Warranted School Flashers and Traffic Signals

*Notes: 1) On-street bicycle facilities are included in the Needs Inventory under the appropriate category such as resurfacing, reconstruction, thoroughfares, etc. 2) Bike trails are included in the Parks and Recreation Needs Inventory, but may be included in a Streets proposition.*

# Street and Transportation Categories of Needs - Continued

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- All Street Projects will now comply with:
  - Thoroughfare Plan
  - Complete Street Design Guide (adopted Jan. 2016)
  
- The “Streetscape/Complete Street” category is no longer needed

# Alley Petition Category

---

- ❑ Improves unpaved alleys
- ❑ Property owners petition to improve their unpaved alley
  - Agree to dedicate any necessary right-of-way
  - Pay an assessment based on the enhanced value of property
  - Grant funds may be available to pay assessment cost for qualifying homeowners
- ❑ Alleys are ranked by date petition is approved
- ❑ Policy questions for Full Council Briefing on May 18th
  - Should City pave unpaved alleys?
  - Should Alley Petition program continue?

# Alley Reconstruction Category

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- Reconstructs paved alleys in poor condition
- Technical Selection Criteria:
  - Pavement Condition Index
  - Time in unsatisfactory condition
  - Needed for rear entry access
  - Needed for garbage pickup
  - Needed for drainage
  - Right-of-way availability

# Alley Reconstruction Category

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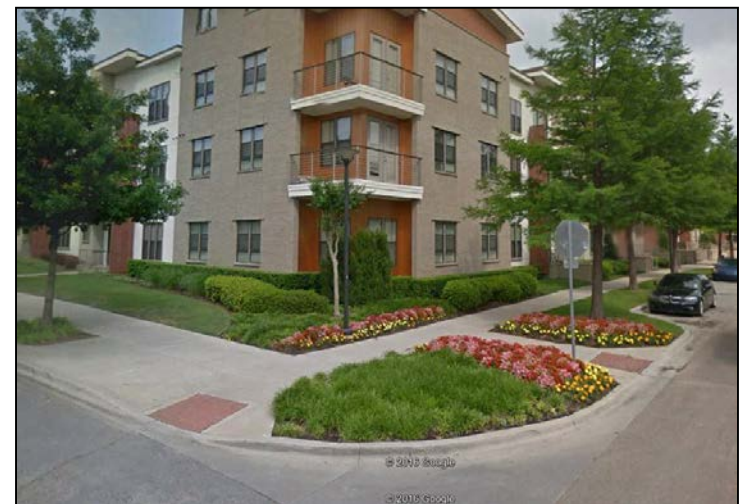
#	Criteria	Maximum Points
1	Percentage of Defect	30
2	Time in Unsatisfactory Condition	20
3	Alley Used for Rear Entry Access	20
4	Alley Used for Garbage Pickup	15
5	Availability of Existing Right-of-Way	10
6	Needed for Drainage	5
	<b>Total Maximum Score</b>	<b>100</b>



# Barrier Free Ramp Category

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- ❑ Constructs new barrier-free ramps (BFRs)
- ❑ Required to comply with Americans with Disabilities Act (ADA)
  - City must have a 10-year transition plan illustrating how it plans to address ADA deficiencies
- ❑ Technical Selection Criteria:
  - Serves High Demand Areas
    - ❑ Government Offices and Facilities
    - ❑ Health Care Facilities
    - ❑ Transit Stops (bus and rail)
    - ❑ Commercial Districts
    - ❑ Schools
  - Posted speed of street
  - Date request was made
  - Number of affected users



# Barrier Free Ramp Category

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#	Criteria	Maximum Points
1	Places of Public Accommodation (Schools, Gov't Offices, Transit Stops, CBD, Hospitals)	70
2	Posted Speeds	10
3	Date Request Was Made	10
4	Number of Physically Challenged Users	10
	<b>Total Maximum Score</b>	<b>100</b>

## Policy questions:

How much should be funded?

What should be the funding source (General Fund, GO Bond)?

Need flexibility to respond to Barrier Free Ramp requests

# Bridge Repair and Modification Category

## □ Repairs deficient City bridges

#	Technical Selection Criteria	Maximum Points
1	Condition of components (channel, substructure, superstructure, approaches, deck, culverts, etc.)	40
2	Critical structural element evaluation	20
3	Existing capacity vs. traffic volume	10
4	Whether project leverages funding	10
5	Addresses drainage/flooding issues	20
	<b>Total Maximum Score</b>	<b>100</b>

# Dynamic Message Signs (New)

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- Upgrade Message Signs
    - 37 total signs
      - 21 Signs at Fair Park
      - 16 others throughout City
- Note: About half are not functioning
- Policy Question: Do the benefits warrant high replacement costs?
  - Staff Recommendation: Discontinue program except for Fair Park.



# Dynamic Message Signs

---

#	Criteria	Maximum Points
1	Outside funding	50
2	Sign around Fair Park	25
3	Sign in working condition	25
	<b>Total Maximum Score</b>	<b>100</b>

# Intergovernmental Partnership Project Category

---

- ❑ Partners with other agencies on improvements (funding and construction)
  - Streets and bridges
  - Trails
  - Intersections
- ❑ Other agencies prioritize projects based on the Council's agreement to fund the City's share
- ❑ No projects are kept in this category between bond programs
- ❑ Projects move into this category when other agencies have their funding

# Railroad Quiet Zones (New)

- Provide crossing improvements that mitigate the need for train horns
  - Quad gates
  - Road medians



- Technical Selection Criteria:
  - Number of accidents
  - Number of noise complaints
  - Cost for improvements

# Railroad Grade Separations (New)

---

- ❑ Separates Street Traffic from Train Traffic
  - Road Bridge over RR Track
  - RR Bridge over Street
- ❑ Technical Selection Criteria:
  - Number of accidents
  - Volume of street traffic
  - Volume of train traffic
  - Minutes/day crossing is blocked

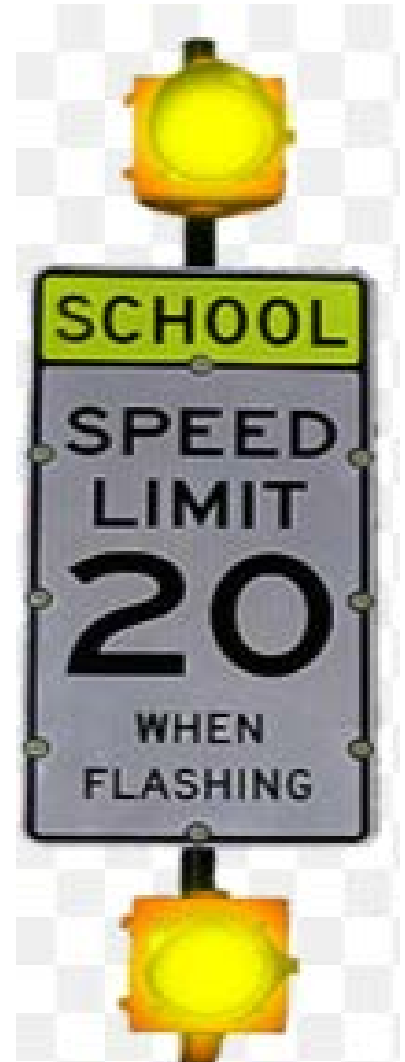




# School Flashers Communications Upgrade (New)

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- ❑ Over 1,300 school flashers
- ❑ Activated by a failing antiquated “pager” system
- ❑ Upgrade to modern two-way communications
  
- ❑ Policy questions:
  - Should funding come from operating or bond funds?



# Sidewalk Replacement Category

---

- ❑ Replacement of deteriorated sidewalks for homeowners
- ❑ Assists property owners with 50/50 cost sharing
- ❑ Prioritized by date of request



- ❑ Policy questions for Full Council Briefing on May 18th
  - Should City continue to share 50/50 cost?
  - Whose cost should it be to rebuild sidewalks?

# Sidewalk Safety Project Category

- Constructs new sidewalks
  
- Policy questions for Full Council Briefing on May 18th:
  - Limit program to schools or transit services?
  - Seek cost sharing with ISD's or DART?



#	Technical Selection Criteria	Maximum Points
1	Construction Feasibility	50
2	Type of Pedestrian	25
3	Pedestrian Count	10
4	Traffic Speed	10
5	Date of Request	5
<b>Total Maximum Score</b>		<b>100</b>

# Street Lighting – Existing Thoroughfares (Criteria Modified)

---

- ❑ Installs new street lights on major thoroughfares
- ❑ Technical Selection Criteria:
  - Type of existing lighting
  - Traffic volumes
  - Pedestrian volumes
  - Width of street
  - Length of roadway without standard lighting
  - Number of requests for street lights
- ❑ 2012 Technical Criteria deleted:
  - Existing illumination levels



# Street Lighting

---

#	Criteria	Maximum Points
1	Type of Existing Lighting	20
2	Traffic Volumes	20
3	Pedestrian Volumes	20
4	Width of Street	10
5	Length of Roadway Without Standard Lighting	20
6	Number of Requests for Street lights	10
	<b>Total Maximum Score</b>	<b>100</b>

# Street Petition Category

---

- ❑ Improves gravel or asphalt streets with bar-ditches to be concrete, curb and gutter streets with storm sewers and sidewalks
- ❑ Property owners petition to improve their street
  - Agree to dedicate necessary right-of-way
  - Pay an assessment based on the enhanced value of property
  - Grant funds may be available to pay assessment cost for qualifying homeowners
- ❑ Ranked by date petition was approved
- ❑ Policy questions for Full Council Briefing on May 18th
  - Should petitions and assessments continue?

# Street Reconstruction Categories

## Arterial, Collector and Local Streets

---

- Provides for the design and reconstruction of streets ranked “E” (failed condition) that have deteriorated beyond repair
- Technical Criteria include:
  - Pavement Condition Index
  - Time in Unsatisfactory Condition
  - Zoning (traffic generators)
  - Street Classification and Use
  - Economic Development Initiatives
  - DWU Work Plan (concurrent project)
- Policy questions:
  - Prioritize high demand streets over low demand streets?
  - Prioritize commercial streets over residential streets?
  - Prioritize streets in Neighborhood Plus areas?

# Street Reconstruction Categories

## Arterial, Collector and Local Streets

---

#	Criteria	Maximum Points
1	Pavement Condition Index	50
2	Time in Unsatisfactory Condition	10
3	Zoning	10
4	Street Classification	15
5	Economic Development	10
6	DWU Work Plan Project	5
	<b>Total Maximum Score</b>	<b>100</b>



# Street Resurfacing Category

---

- ❑ Resurfacing asphalt streets ranked “D” (poor condition) with mostly adequate sub-base material
- ❑ Technical Selection Criteria:
  - Pavement Condition Index
  - Time in Unsatisfactory Condition
  - Street Classification and Use
  - Economic Development Initiatives
  - DWU Work Plan (concurrent project)
- ❑ Policy questions:
  - Prioritize high demand streets over low demand streets?
  - Prioritize commercial streets over residential streets?
  - Prioritize streets in Neighborhood Plus areas?
  - Should this category be funded in the Operating Budget?

# Street Resurfacing Category

---

#	Criteria	Maximum Points
1	Pavement Condition Index	50
2	Time in Unsatisfactory Condition	20
3	Street Classification	15
4	Economic Development	10
5	DWU Work Plan Project	5
	<b>Total Maximum Score</b>	<b>100</b>

# Target Neighborhood Category

---

- ❑ This category is used to upgrade unimproved residential streets when we don't have a street petition
- ❑ Typically streets with previous failed petition
- ❑ If selected, adjacent property owners are assessed for part of the cost
  - Assistance may be available for qualifying residents
- ❑ No projects are kept in this category between bond programs
- ❑ Policy questions:
  - Continue with program?
  - Should criteria be developed to address unimproved streets?

# Thoroughfare Category

- ❑ Thoroughfare Projects
  - Encourages economic development
  - Applies to new or refurbished streets
  - Provides for multi-modal and streetscape improvements
  - Consistent with Thoroughfare Plan and Complete Street Design Standards



# Thoroughfare Category

---

- Technical criteria includes:
  - Mobility
  - Safety
  - Economic Development

Criteria	Score
<b>Mobility (30 points)</b>	
Capacity Deficiency	10
System Continuity	10
Multimodal	10
<b>Safety (30 points)</b>	
<b>Bicycle/Pedestrian Accident Rate (NEW)</b>	<b>5</b>
<b>Vehicle Accidents (NEW)</b>	<b>5</b>
Proximity to Schools and Parks	10
Existing Street Condition	10
<b>Economic Development (40 points)</b>	
Economic Development Support	15
Distressed/Underutilized Area Support	15
Previous Project Commitment/Coordination	10
<b>Total Score (maximum)</b>	<b>100</b>

# Traffic Control Signs Upgrade (New)

---

- ❑ Implements a Traffic Sign Replacement Program
  - Signs have a ten year (night) life expectancy
  - 10% of the signs will be replaced each year
  - All signs will be replaced every ten years
  
- ❑ Technical Selection Criteria:
  - By “Blanket Replacement” area
  - All signs within an area are replaced together
  
- ❑ Policy Question:
  - Should this category be paid for with operating funds or included in bond program?



# Traffic Signals Upgrade (Criteria Modified)

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- ❑ Replace 60 obsolete Traffic Signals each year
  - Replace each signal every 25 years
  - Upgrade to current standards
- ❑ Technical Selection Criteria:
  - Number of Correctible Accidents in three years
  - Age of Signal Hardware
  - Type of Signal Hardware
  - Number of Service Requests in three years
- ❑ Technical Criteria (~~deleted~~):
  - ~~Age of hardware and type of mounting~~
  - ~~Potential for hardware damage~~
  - ~~Need for operational improvements~~
- ❑ Policy Question:
  - Should this category be paid for with operating funds or included in bond program?

# Traffic Signals Upgrade

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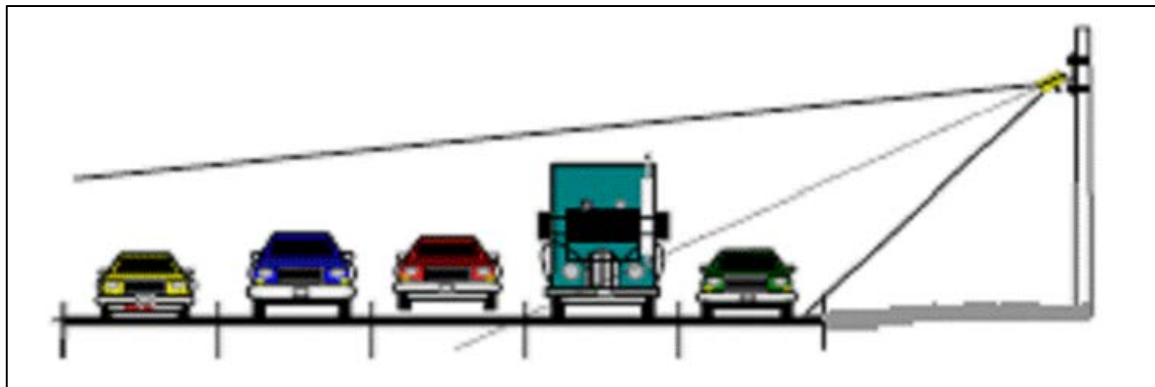
#	Criteria	Maximum Points
1	Number of Correctible Accidents in 3 years	30
2	Age of Hardware	25
3	Type of Hardware	25
4	Number of Service Requests in 3 years	20
	<b>Total Maximum Score</b>	<b>100</b>



# Traffic Signals – Detectors (New)

---

- ❑ Upgrades Traffic Signal Detection
- ❑ Uses Radar Technology
- ❑ Technical Selection Criteria:
  - Number of “Correctible Accidents in Past 3 Years”
  - Traffic Volumes
  - Number of Service Requests
- ❑ Policy Question:
  - Should this category be paid for with operating funds or included in bond program?



# Traffic Signals - Detectors

---

#	Criteria	Maximum Points
1	Number of Correctible Accidents in 3 Years	50
2	Traffic Volumes at Intersection	25
3	Number of Service Requests	25
	<b>Total Maximum Score</b>	<b>100</b>

# Warranted Traffic Signals and School Flashers (New)

---

- ❑ Installs new school flashers and traffic signals
- ❑ Technical Ranking Criteria (traffic signals only):
  - Number of Correctible Accidents in 12 months
  - Pedestrian/School Issues
  - Traffic Volumes
  - Number of Traffic Signal Warrants Met
  - How long signal has been justified
- ❑ Warranted school flashers will be funded with this category
- ❑ Policy questions:
  - Should program costs be shared with the ISD or the private development that triggers the need?
    - ❑ If so, should this outside funding lead to a higher prioritization for these projects?



# Warranted Traffic Signals/School Flashers

---

#	Criteria	Maximum Points
1	Number of Correctible Accidents in 12 months	30
2	Pedestrian/School Issues	20
3	Traffic Volumes	20
4	Number of Traffic Signal Warrants met	15
5	How long signal has been justified	15
	<b>Total Maximum Score</b>	<b>100</b>

# Summary: Policy Questions

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- ❑ Should the technical selection criteria presented today be adopted?
- ❑ Should additional priority be given to projects that are associated with Neighborhood Plus (Ex. Slides 23, 25, and 27)?
- ❑ Should additional priority be given to projects that encourage economic development (Ex. Slides 24, 26, 28, 29)?
- ❑ With respect to street reconstruction and resurfacing:
  - Should commercial streets be given priority over residential streets?
  - Should higher volume streets be given priority over lower volume streets?

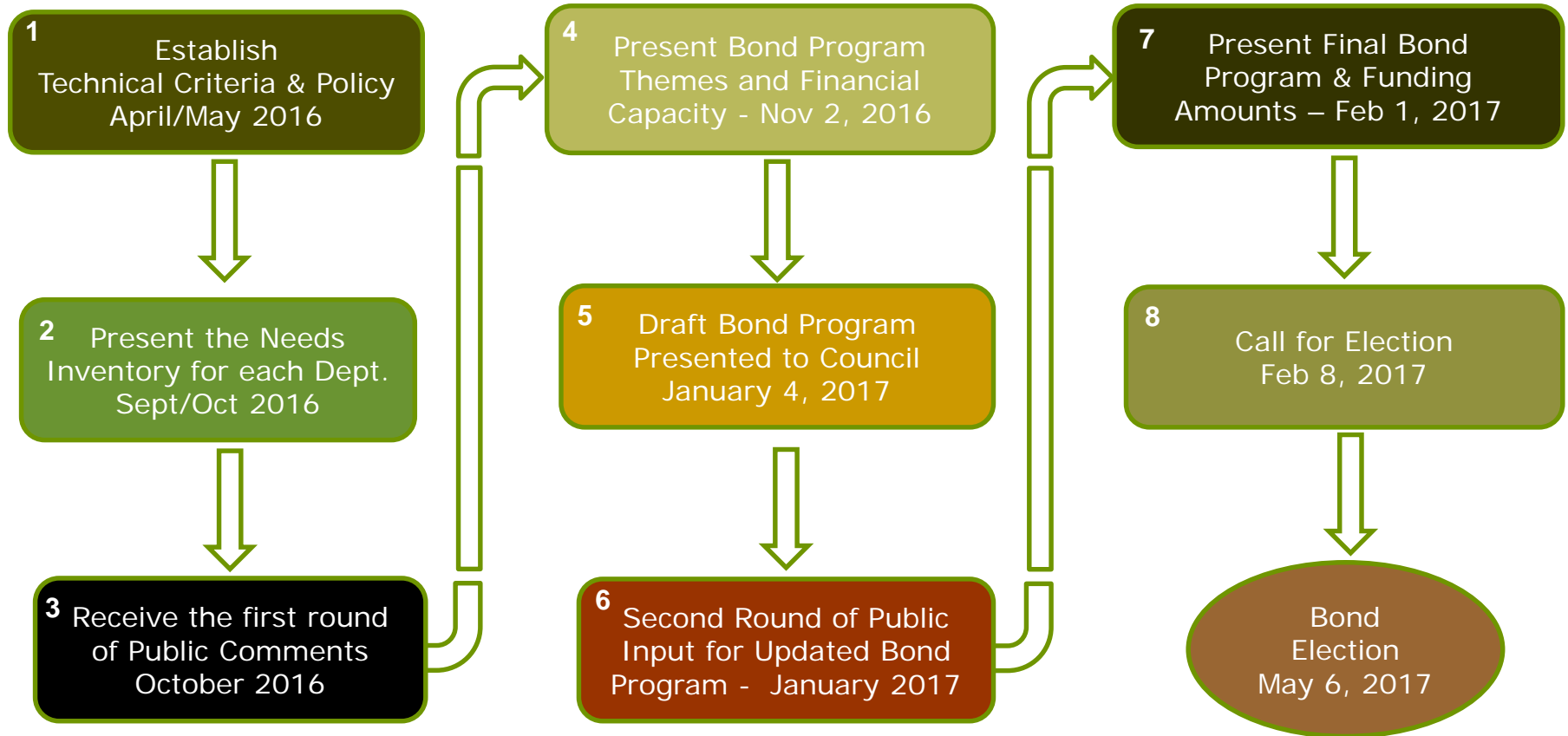
# Summary: Policy Questions Continued

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- ❑ Should DART, local ISD's, and adjacent property owners participate in funding these street infrastructure elements (Slides 17-19 and 35)?
- ❑ Should the City continue a 50/50 sidewalk cost share program or require adjacent property owners to pay full cost (Slide 18)?
- ❑ Should petition and assessment programs continue (Slides 6, 22, and 27)?

\*There will be a full council briefing on sidewalk & assessment policies on May 18<sup>th</sup>.

# Streets Projects – Next Steps



# Streets Projects

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Questions/Comments?



# Appendix

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# Alley Reconstruction Category

#	Criteria	Maximum Points
1	Percentage of Defect	30
2	Time in Unsatisfactory Condition	20
3	Alley Used for Rear Entry Access	20
4	Alley Used for Garbage Pickup	15
5	Availability of Existing Right-of-Way	10
6	Needed for Drainage	5
	<b>Total Maximum Score</b>	<b>100</b>

## 1. Percentage of Defect

(\_\_\_\_% x 0.3)

## 2. Time in Unsatisfactory Condition

Two points per year up to 20 points for 10 or more years

## 3. Alley used for Rear Entry

20 – Yes  
0 – No

## 4. Alley used for Garbage Collection

15 – Yes current collection  
10 – Potential collection  
0 – Not used for collection

## 5. Availability of Existing Right-of-Way

10 – 15 ft. existing ROW or citizens are willing to dedicate all necessary ROW  
5 – Inadequate ROW but some citizens are willing to dedicate necessary ROW  
0 – Inadequate ROW throughout

## 6. Needed for Drainage

5 – Alley and property flooding  
3 – Additional drainage capacities needed  
0 – No drainage concern

# Barrier Free Ramp Category

#	Criteria	Maximum Points
1	Places of Public Accommodation	70
2	Posted Speeds	10
3	Date Request Was Made	10
4	Number of Physically Challenged Users	10
	<b>Total Maximum Score</b>	<b>100</b>

## 1. Places of Public Accommodation (Maximum Score: 70 points)

a. City Facilities	70
b. Other Governmental Facilities (Court Houses, Tax Offices, and Schools)	50
c. Major Health Care Facilities (Baylor, Parkland, Methodist, etc.)	50
d. Retirement Centers	40
e. Minor Health Care Facilities (Clinics, Doctor offices, etc.)	40
f. Commercial Districts	30
g. Bus Stops & Transportation Centers	40
h. Residential District	10

## 2. Posted Traffic Speed

0 to 30 MPH	0
30 to 45 MPH	5
Over 45 MPH	10

## 3. Date Request was Made

1 year	1
2 years	2
-	-
-	-
10 years or longer	10

## 4. Number of physically challenged users (provided by requestor)

1 user	1
2 users	2
-	-
-	-
9 users	9
10 or more users	10

# Bridge Repair & Modification Category

#	Criteria	Maximum Points
1	Condition of components (channel, substructure, superstructure, approaches, deck, culverts, etc.)	40
2	Critical structural element evaluation	20
3	Existing capacity vs. traffic volume	10
4	Whether project leverages funding	10
5	Addresses drainage/flooding issues	20
<b>Total Maximum Score</b>		<b>100</b>

1. Condition of Components: deck, superstructure, substructure, channel, culverts, approaches  
 Points for this factor are the sum of (9-n) where n is the rating for the worst element of each component and has a value of 5 or less (maximum points are 48, for a bridge with six components rated "1")

2. Critical structural element evaluation

Points for this factor range from 0-20 based on severity of the condition of a particular component

3. Existing capacity compared to current traffic volume

<u>Comparison</u>	<u>Points</u>
capacity exceeded	10
at capacity	5
under capacity	0

4. Whether project leverages other funds

<u>Leverages</u>	<u>Points</u>
yes	10
no	0

5. Addresses drainage/flooding issues caused by bridge being too low or small (i.e., it backs up water)

yes=20 points; no=0 points

<u>Component</u>	<u>(9-n)</u>
Deck:	
Superstructure:	
Substructure:	
Channel:	
Culverts:	
Approaches:	
Misc.:	
<b>TOTAL:</b>	
(n is lowest element rating)	

# Dynamic Message Signs

#	Criteria	Maximum Points
1	Outside funding	50
2	Sign around Fair Park	25
3	Sign in working condition	25
<b>Total Maximum Score</b>		<b>100</b>

## Outside Funding

- 0 0-10%
- 1 11-30%
- 2 31-50%
- 3 Greater than 50%

## Sign Around Fair Park

- 0 Not around Fair Park
- 3 Around Fair Park

## Sign in Working Condiiton

- 0 Yes
- 3 No

Project Category: Dynamic Message Signs			Date: <u>April 22, 2016</u>	
#	Criteria	Rating (0-3)	Weight	Weighted Total
1	Outside Funding		50	
2	Signs around fair Park?		25	
3	Sign in working condition?		25	
Items 1-3			TOTAL WEIGHTED	
RATING/3 =				

# Sidewalk Safety Project Category

#	Criteria	Maximum Points
1	Construction Feasibility	50
2	Type of Pedestrian	25
3	Pedestrian Count	10
4	Traffic Speed	10
5	Date of Request	5
	<b>Total Maximum Score</b>	<b>100</b>

<b>1. Construction Feasibility:</b>	<b>Score:</b>
< \$50 per linear foot	50
\$50 to \$100 per linear foot	30
\$101 to \$150 per linear foot	10
>\$150 per linear foot	1
<b>2. Type of Pedestrian</b>	
Elementary/Preschool Student	25
Middle School Student, Senior Citizens	20
High School Student, Parent with Strollers	15
Other	10
<b>3. Pedestrian Count:</b> (School children will be counted before and after school hours: other – peak hours)	
1	1
2	2
3	3
-	-
9	9
10 or more	10

<b>4. Posted Traffic Speed:</b>	
0 to 30 MPH	0
30 to 45 MPH	5
>45 MPH	10
<b>5. Date of Request</b>	
1 Year	1
2 Years	2
3 Years	3
4 Years	4
5 Years or Longer	5

# Street Lighting

#	Criteria	Maximum Points
1	Type of Existing Lighting	20
2	Traffic Volumes	20
3	Pedestrian Volumes	20
4	Width of Street	10
5	Length of Roadway Without Standard Lighting	20
6	Number of Requests for Street lights	10
	<b>Total Maximum Score</b>	<b>100</b>

#	Criteria	Rating (0-3)	Weight	Weighted Total
1	Type of Existing Lighting		20	
2	Traffic Volumes		20	
3	Pedestrian Volumes		20	
4	Width of Street		10	
5	Length of Roadway Without Standard Lighting		20	
6	Number of Requests for Street Lighting		10	
Items 1-6			TOTAL WEIGHTED	
RATING/3 =				

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## Type of Existing Lighting

- 1 Existing street lights are mounted on wood poles
- 3 There are no existing street lights

## Width of Street

- 0 Street has one lane of traffic in each direction
- 2 Street has two lanes of traffic in each direction
- 3 Street has 3 or more lanes of traffic in each direction

## Traffic Volumes

- 0 Average daily traffic is less than 5,000 vehicles per day
- 1 Average daily traffic is between 5,000 and 10,000 vehicles per day
- 2 Average daily traffic is between 10,000 and 20,000 vehicles per day
- 3 Average daily traffic is over 20,000 vehicles per day

## Length of Roadway Without Standard Lighting

- 0 Length of roadway without standard lighting is less than 500 feet
- 1 Length of roadway without standard lighting is between 500 and 1000 feet
- 2 Length of roadway without standard lighting is between 1000 and 2000 feet
- 3 Length of roadway without standard lighting is greater than 2000 feet

## Pedestrian Volumes

- 0 Less than 5 pedestrians per hour use the adjacent sidewalks
- 1 Between 6 and 20 pedestrians per hour use the adjacent sidewalks
- 2 Between 21 and 50 pedestrians per hour use the adjacent sidewalks
- 3 More than 50 pedestrians per hour use the adjacent sidewalks

## Number of Requests for Street Lighting

- 0 Received no requests for street lighting on this stretch of roadway in the last 5 years
- 1 Received 1 request for street lighting on this stretch of roadway in the last 5 years
- 2 Received 2 requests for street lighting on this stretch of roadway in the last 5 years
- 3 Received 3 or more requests for street lighting on this stretch of roadway in the last 5 years

# Street Reconstruction Categories

## Arterial, Collector and Local Streets

#	Criteria	Maximum Points
1	Pavement Condition Index	50
2	Time in Unsatisfactory Condition	10
3	Zoning	10
4	Street Classification	15
5	Economic Development	10
6	DWU Work Plan Project	5
	<b>Total Maximum Score</b>	<b>100</b>

### 1. Pavement Condition Index

(100-PCI) x 0.5

### 2. Time in Unsatisfactory Condition

1 point per year up to 10 points for 10 or more years

### 3. Zoning

10 - Commercial

8 - General Retail and Offices

6 - Multifamily Residential

2 - Residential

### 4. Street Classification

15 - Major Thoroughfare

10 - Secondary Thoroughfare

5 - Collector

0 - Residential

### 5. Economic Development

10 - Yes

0 - No

### 6. DWU Work Plan Project

5 - Yes

0 - No



# Street Resurfacing Category

#	Criteria	Maximum Points
1	Pavement Condition Index	50
2	Time in Unsatisfactory Condition	20
3	Street Classification	15
4	Economic Development	10
5	DWU Work Plan Project	5
	<b>Total Maximum Score</b>	<b>100</b>

## 1. Pavement Condition Index

(100 – PCI) X 0.50

## 2. Time in Unsatisfactory Condition

- 1 - 1 year
- 2 - 2 years
- 3 - 3 years
- \* \*
- \* \*
- 20 - 20 years and over

## 3. Street Classification

- 15 - Principal Arterial (Freeway, Thoroughfare, Major Couplet, and Divided Secondary)
- 10 - Minor Arterial/Community Collector (non-divided Secondary and Commercial/Collector)
- 5 - Local (Residential)

## 4. Economic Development

- 10 – Yes
- 0 – No

## 5. DWU Work Plan Project

- 5 – Yes
- 0 – No

# Thoroughfare Category

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## MOBILITY (30 points)

### 1. Capacity Deficiency

- a. Maximum score: 10 points
- b. Current volume to capacity ratio
- c. A project will receive up to 10 points based on the ration of existing daily traffic volume to existing roadway capacity (V/C ratio).
- d. Scoring:

Capacity Deficiency Criteria	Points
V/C ratio less than 0.7	0
V/C ratio 0.7 to 0.8	3
V/C ratio 0.8 to 0.9	6
V/C ratio 0.9 to 1.0	9
V/C ratio greater than 1.0	10

# Thoroughfare Category

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## 2. System Continuity

- a. Maximum score: 10 points
- b. A project will receive 10 points if it provides lane continuity across an intersection or provides lane balance for a section of roadway connecting to existing roadway sections.

## 3. Intermodal/Multimodal

- a. Maximum score: 10 points
- b. Scoring:

Intermodal/Multimodal Criteria	Points
Bus Route/Rail Station	3
Bicycle Route	3
Truck Route	3
No Existing Sidewalks	1

# Thoroughfare Category

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## SAFTEY (30 points)

### 4. Bicycle/Pedestrian Accident Rate

a. Maximum score: 5 points

b. Scoring:

Accident Rate Criteria	Points
No Accident	0
1-5 Bicycle/Pedestrian Accident	3
6+ Bicycle/Pedestrian Accident	5

c. 2009-2015 years of data

### 5. Vehicle Accident

a. Maximum score: 5 points

b. Scoring:

Accident Rate Criteria	Points
No Accident	0
1-2 Vehicle Accident	3
3+ Vehicle Accident	5

c. 2013-2015 years of data

# Thoroughfare Category

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## 6. Proximity to Schools and Parks

- a. Maximum score: 10 points
- b. A project will receive 10 points if it provides direct access to park or school, i.e., within 0.25 miles of Thoroughfare.

## 7. Existing Street Condition

- a. Maximum score: 10 points
- b. Scoring:

Existing Street Condition Criteria	Score
Street Surface Condition Rating A-C	0
Street Surface Condition Rating D	5
Street Surface Condition Rating E	10

- c. Based on Public Works Pavement Management Program (PMP) data

# Thoroughfare Category

## ECONOMIC DEVELOPMENT (40 points)

### 8. Economic Development Support

- a. Maximum score: 15 points
- b. A project will receive up to 15 points based on an assessment by Economic Development that identifies whether a project supports Council-endorsed economic development projects/programs.
- c. Scoring

Economic Development Support Criteria	Points
No Initiative	0
Low Priority	5
Medium Priority	10
High Priority	15

### 9. Distressed/Underutilized Area Support

- a. Maximum Score: 15 points
- b. A project will receive up to 15 points based on the most recent Dallas County's Tax Abatement Policy, Census tract classification: priority, strategic, and other.
- c. Scoring:

Distressed/Underutilized Area Support Criteria	Points
Other	0
Strategic Area	5
Combination of areas	10
Priority Area	15

# Thoroughfare Category

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## 10. Previous Project Commitment/Coordination

- a. **Maximum Score: 10 points**
- b. **A project will receive 10 points based on a prior Council action supporting the project for funding through a partnership program and/or existing funding commitment in a prior bond program.**

# Traffic Signals - Detectors

#	Criteria	Maximum Points
1	Number of Correctible Accidents in 3 Years	50
2	Traffic Volumes at Intersection	25
3	Number of Service Requests	25
<b>Total Maximum Score</b>		<b>100</b>

#	Criteria	Rating (0-3)	Weight	Weighted Total
1	Number of correctible Accidents in 3 years		50	
2	Traffic Volumes at Intersection		25	
3	Number of Service Requests		25	
Items 1-3			TOTAL WEIGHTED	
RATING/3 =				

## 1. Number of correctible Accidents in 3 Years

- 0 No crashes
- 1 1-5
- 2 6-10
- 3 10 Or Greater

## 3. Number of Service Requests

- 0 No SRs
- 1 0-30 SRs
- 2 30-60 SRs
- 3 60 < SRs

## 2. Traffic Volumes at Intersection

- 0 Total vehicles entering intersection less than 15,000 / day
- 1 Total vehicles entering intersection between 15,000 and 20,000 / day
- 2 Total vehicles entering intersection between 20,000 and 30,000 / day
- 3 Total vehicles entering intersection greater than 30,000 / day



# Traffic Signals Upgrade

#	Criteria	Maximum Points
1	Number of Correctable Accidents in 3 years	30
2	Age of Hardware	25
3	Type of Hardware	25
4	Number of Service Requests in 3 years	20
<b>Total Maximum Score</b>		<b>100</b>

#	Criteria	Rating (0-3)	Weight	Weighted Total
1	Number of Correctable Accidents in 3 Years		30	
2	Age of Hardware		25	
3	Type of Hardware		25	
4	Number of Service Requests in 3 Years		20	
Items 1-4				
RATING/3 =				TOTAL WEIGHTED

## 1. Number of Correctable Accidents in 3 years

- 0 No Crashes
- 1 1-5
- 2 5-10
- 3 10 <

## 2. Age of Hardware

- 0 Hardware is less than 10 years old
- 1 Hardware is 10 to 20 years old
- 2 Hardware is 20 to 30 years old
- 3 Hardware is over 30 years old

## 3. Type of Hardware

- 0 Mast arm covers all lanes
- 1 Mast arm is short or absent
- 2 Mast arm is short and there are left-turn signal requests
- 3 Spanwire signal

## 4. Number of Service Requests (SRs) in 3 years

- 0 No SRs
- 1 0-30 SRs
- 2 30-60 SRs
- 3 60 < SRs

# Warranted Traffic Signals/School Flashers

#	Criteria	Rating (0-3)	Weight	Weighted Total
1	Number of Correctable Accidents in 12 Months		30	
2	Pedestrian / School Issue		20	
3	Traffic Volumes		20	
4	Number of Signal Warrants Met		15	
5	How Long Signal has been Justified		15	
Items 1-5		RATING/3 =	TOTAL WEIGHTED	

## Number of Correctable Accidents in 12 Months

- 0 Zero reported correctable crashes within 12 month period
- 1 Between 1 and 2 reported correctable crashes within 12 month period
- 2 Between 3 and 4 reported correctable crashes within 12 month period
- 3 5 or more reported correctable crashes within 12 month period

## Pedestrian / School Issues

- 0 Does not meet pedestrian or school warrant
- 1 Meets pedestrian warrant
- 2 Meets school warrant
- 3 Meets both pedestrian and school warrant

## Traffic Volumes

- 0 Total vehicles entering intersection < 15,000 / day
- 1 Total vehicles entering intersection between 15,000 and 20,000 / day
- 2 Total vehicles entering intersection between 20,000 and 30,000 / day
- 3 Total vehicles entering intersection greater than 30,000 / day

## Number of Signal Warrants Met

- 0 Zero signal warrants met
- 1 Meets only 1 signal warrant
- 2 Meets 2 signal warrants
- 3 Meets 3 or more signal warrants

## How Long Signal has been Justified

- 0 Signal has been justified between 0-3 months
- 1 Signal has been justified between 3-12 months
- 2 Signal has been justified between 1-2 years
- 3 Signal has been justified for more than 2 years