



GARLAND

ENGINEERING

2018
CAPITAL IMPROVEMENT PROGRAM

MICHAEL C. POLOCEK, DIRECTOR

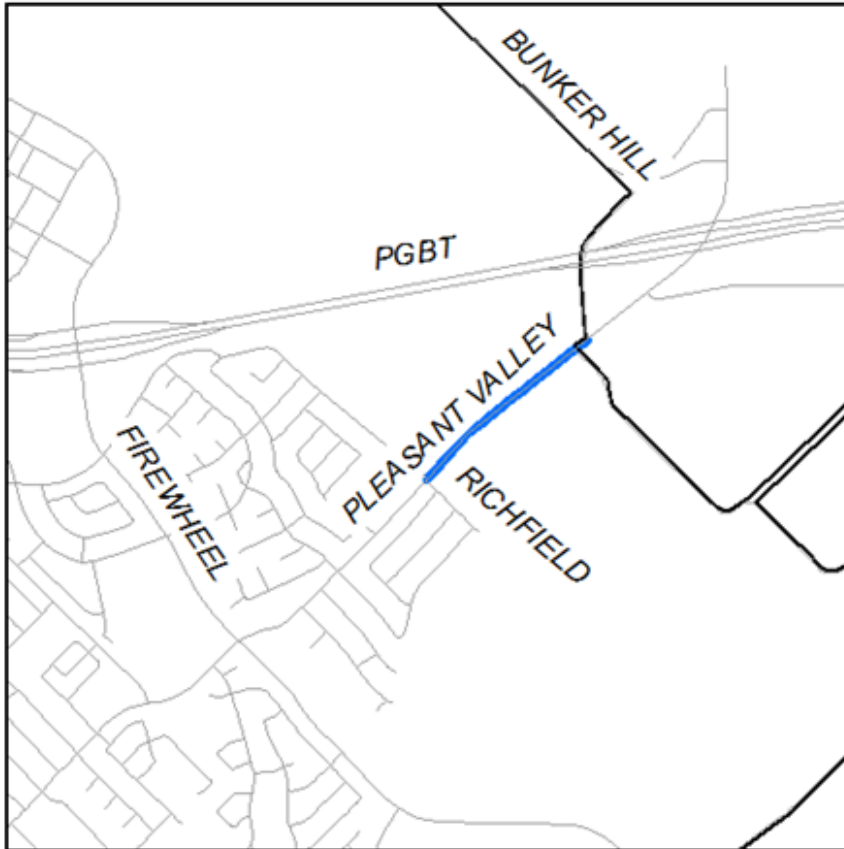


GARLAND

STREET PROJECTS

Pleasant Valley Road - Richfield to Miles

2018 Project Cost: \$10,120,000
Total Project Cost: \$30,351,654
Estimated Completion Date: 12/2018
Council District: 1

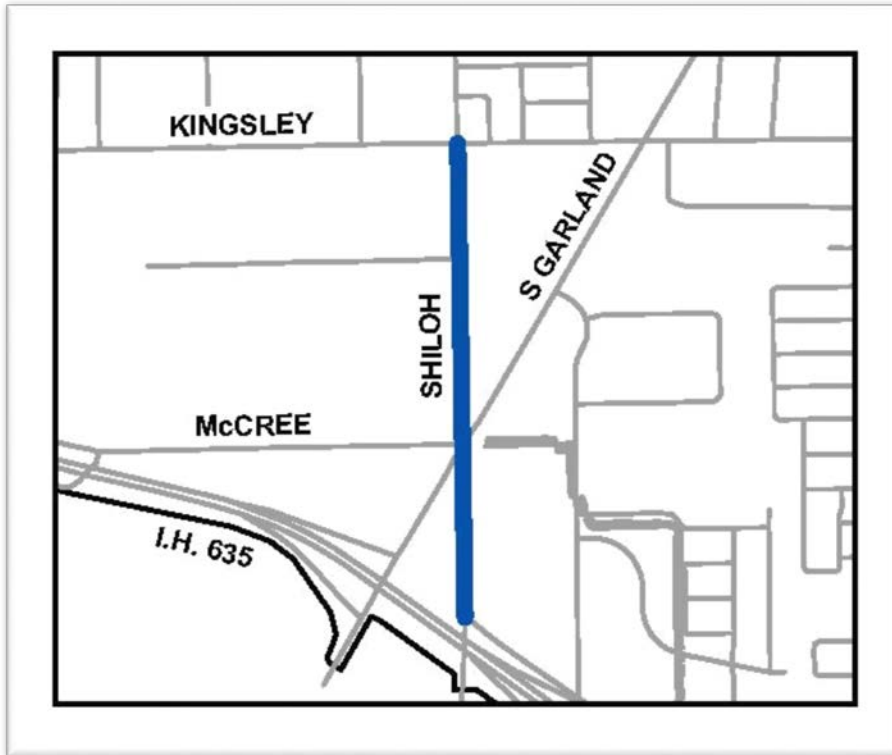


Street, Drainage, and Utility Improvements

- Funding is provided for the construction of a new bridge over Rowlett Creek including paving, drainage, utilities and hike/bike trail.
- Project is approximately 70% complete with full completion scheduled at the end of 2018.
- Project funding includes 70% RTR Funds, 10% Dallas County Funds and 20% City Funds

Shiloh Road - I.H. 635 to Kingsley

2018 Project Cost:	\$4,411,000
Total Project Cost:	\$15,920,000
Estimated Completion Date:	12/2020
Council District:	5



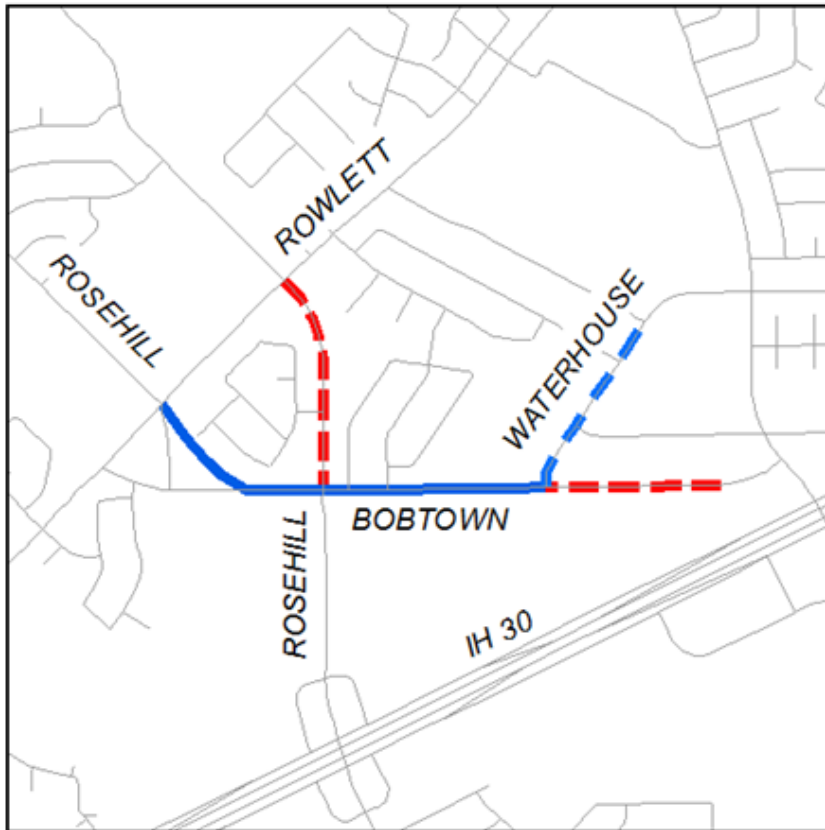
Street, Drainage, and Utility Improvements (*Continued*)

- Funding is provided for the design, land acquisition, permitting, and construction costs related to the expansion of the current facility from four to six lanes for Shiloh Road from I.H. 635 to Kingsley Road. This project is being accomplished in partnership with Dallas County.
- Project is scheduled to bid in the 1st Quarter of 2018.

*Includes approximately \$5.7 Million in County Participation Funding.

Bobtown Road - Rowlett to Waterhouse

2018 Project Cost:	\$925,000
Total Project Cost:	\$6,939,000
Estimated Completion Date:	12/2020
Council District:	3, 4

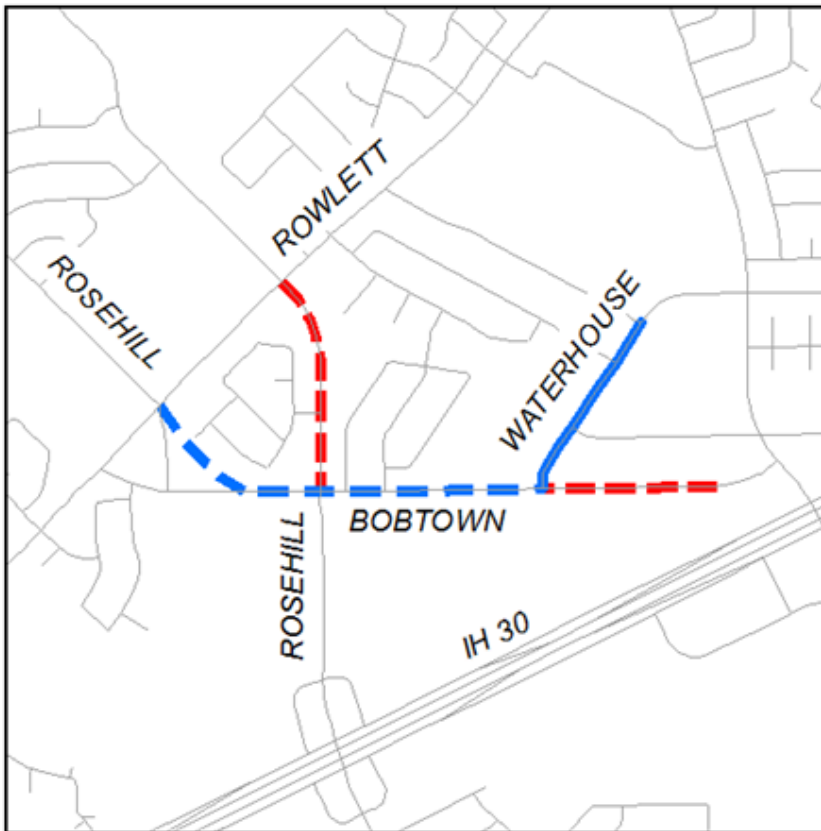


Street, Drainage, and Utility Improvements *(Continued)*

- Funding is provided for the design and construction of a Type “ES” (3-lane undivided) thoroughfare for Bobtown Road from Rowlett to Waterhouse.
- Installation of a new 24” water main on Country Club Road and Bobtown Road.
- Project is scheduled for bid in the 1st Quarter of 2018.

Waterhouse - Bobtown to Hayman

2018 Project Cost:	\$250,000
Total Project Cost:	\$2,375,000
Estimated Completion Date:	12/2020
Council District:	3, 4

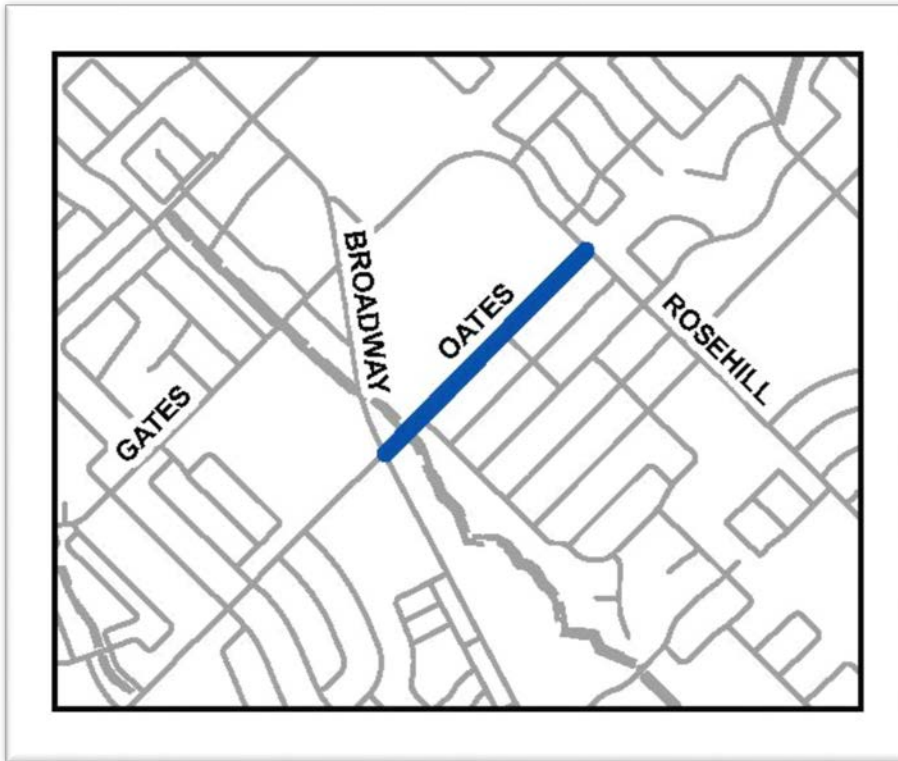


Street, Drainage, and Utility Improvements *(Continued)*

- Funding is provided for design, and construction of Waterhouse Boulevard from Bobtown to Hayman from a 2-lane asphalt to a wider 2-lane concrete roadway.
- Project is scheduled to bid 1st Quarter of 2018 with Bobtown Road.

Oates Road - Broadway to Rosehill

2018 Project Cost:	\$1,150,000
Total Project Cost:	\$5,024,098
Estimated Completion Date:	12/2019
Council District:	4

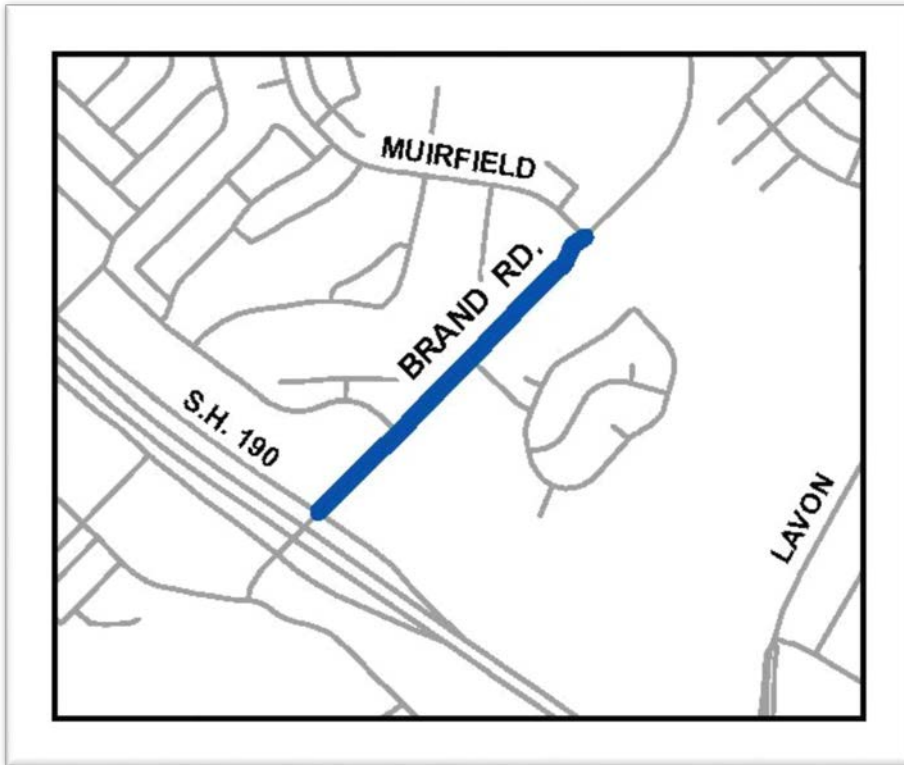


Street, Drainage, and Utility Improvements

- Funding is provided for the design, land acquisition, permitting, and improvements based on the Thoroughfare Plan.
- Roadway is a special cross-section that includes a wide 2-lane paving section with a “slip street” servicing the residential properties along the southeast side.
- Project is scheduled to bid in the 2nd Quarter of 2018.

Brand Road - PGBT to Muirfield

2018 Project Cost:	\$50,000
Total Project Cost:	\$9,040,000
Estimated Completion Date:	12/2022
Council District:	1

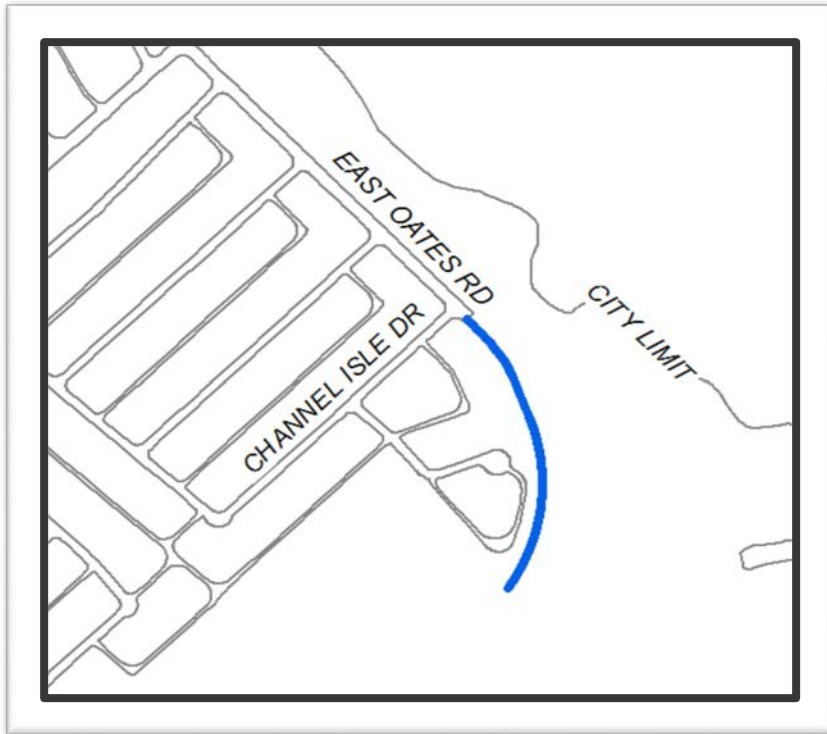


Street, Drainage, and Utility Improvements (*Continued*)

- Project is delayed until 2020.
- Funding is provided for coordination efforts with developers as properties develop along the project corridor.

Oates Road - Channel Isle to Heron's Bay No. 3

2018 Project Cost:	\$370,000
Total Project Cost:	\$370,000
Estimated Completion Date:	12/2018
Council District:	3

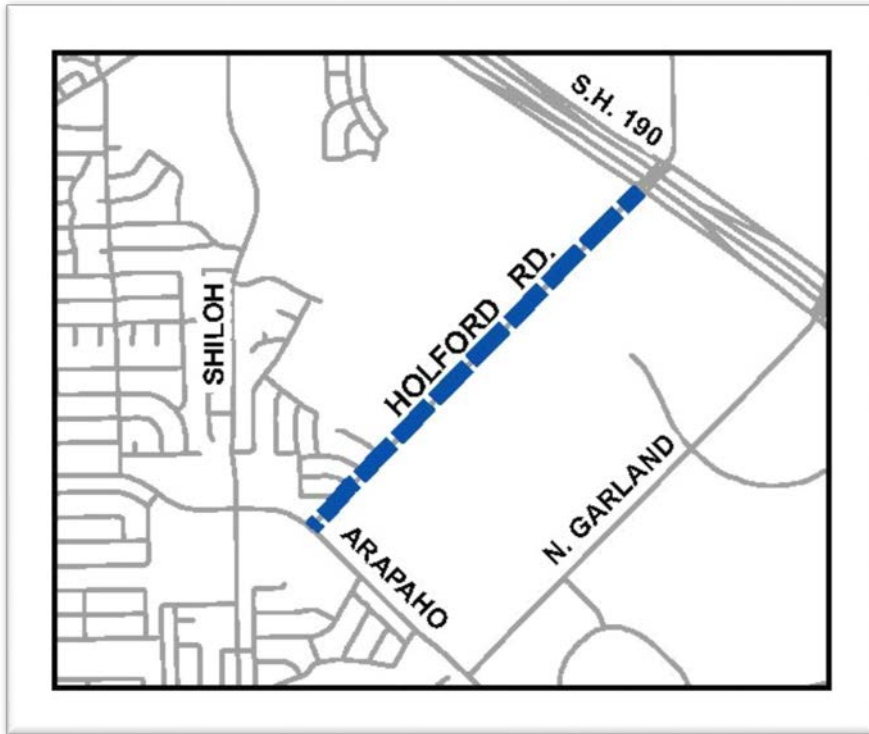


Street, Drainage, and Utility Improvements (*Continued*)

- Funding is provided for design and construction costs related to the completion of Oates Road from Channel Isle to the proposed Heron's Bay No. 3 Subdivision. As part of a Development Agreement with Emerald Lakes in 2004, the City agreed to complete the last 900 linear feet of paving on Oates Road when the third phase of the subdivision was developed – which is currently under construction.

Holford Road - Arapaho to PGBT

2018 Project Cost: \$200,000
Total Project Cost: \$12,300,000
Estimated Completion Date: 12/2022
Council District: 7

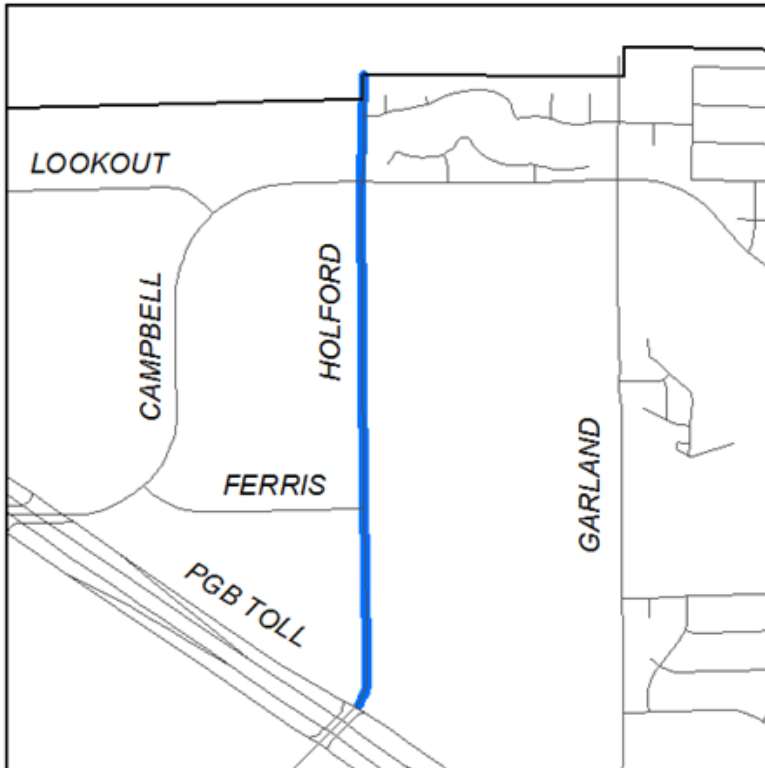


Street, Drainage, and Utility Improvements *(Continued)*

- Funding is provided for the design, land acquisition, permitting, and construction costs related to the improvement of Holford Road from Arapaho Road to the President George Bush Turnpike (PGBT). Funds are included for specific work to be directed and implemented as adjacent property is developed along the route.
- Staff is currently working with Dallas County in an effort to secure additional funding for this segment.

Holford Road - PGBT to Creekwood

2018 Project Cost: \$300,000
Total Project Cost: \$6,300,000
Estimated Completion Date: 12/2020
Council District: 1



Street, Drainage, and Utility Improvements (*Continued*)

- Funding is provided for the design, land acquisition, permitting, and construction costs related to the improvement of Holford Road from the President George Bush Turnpike (PGBT) to Creekwood Drive.
- Staff is currently working with Dallas County in an effort to secure additional funding for this segment.

Naaman School / Brand Alignment Study

2018 Project Cost: \$450,000
Total Project Cost: \$700,000
Estimated Completion Date: 6/2020
Council District: 8, 1

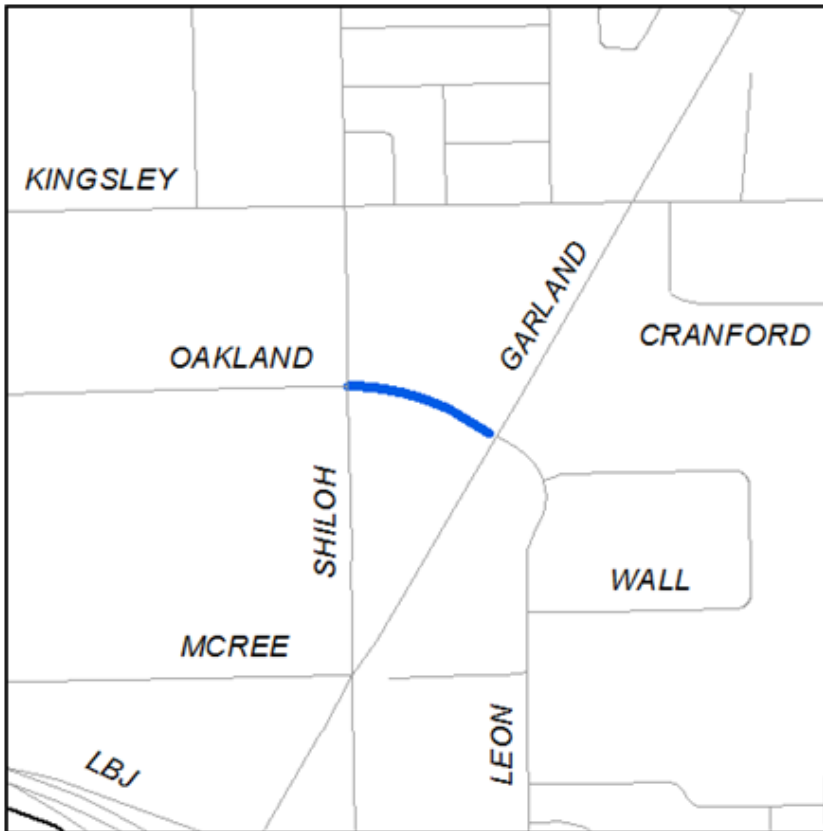


Street, Drainage, and Utility Improvements *(Continued)*

- Funding is provided for a preliminary horizontal and vertical alignment of Naaman School Road from Brand Road to S.H. 78 and Brand Road from Belt Line Road to Naaman School Road.
- Dallas County is participating in this alignment study.
- The Alignment Study will help identify specific project costs for the construction of all or portions of these roadways.

Leon Road – Shiloh to Garland

2018 Project Cost: \$1,000,000
Total Project Cost: \$1,000,000
Estimated Completion Date: 12/2018
Council District: 5



Street, Drainage, and Utility Improvements *(Continued)*

- Funding is provided to secure the right-of-way for the future extension of Leon Road from Shiloh Road to S. Garland Ave. (SH-78).

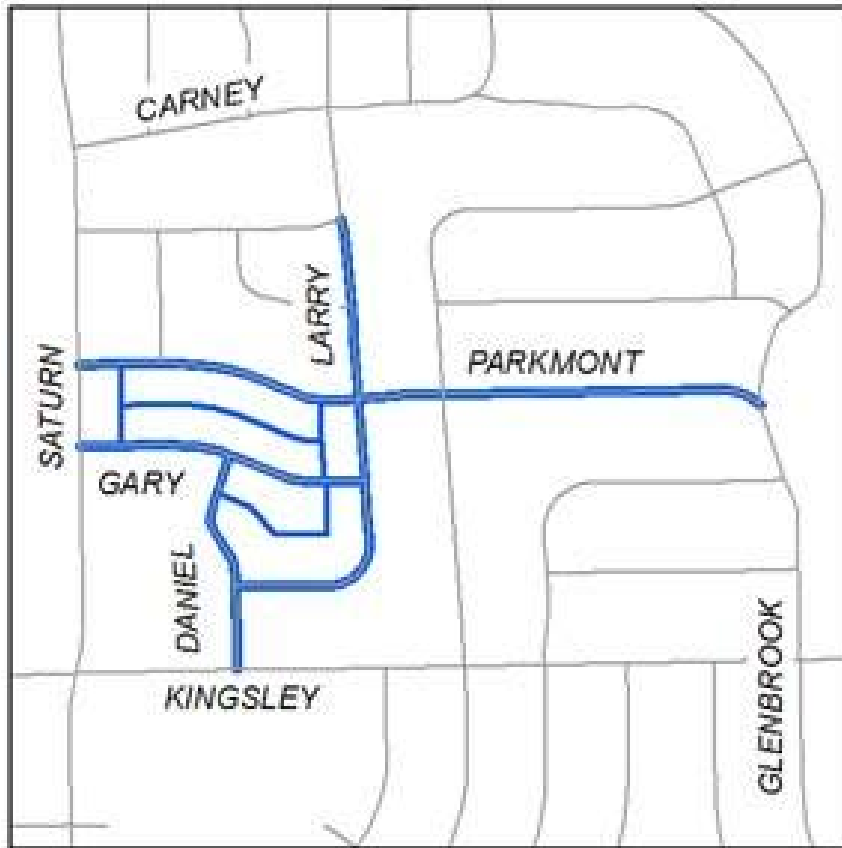


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DRAINAGE PROJECTS

2018 Project Cost: \$3,118,000
Total Project Cost: \$6,050,000
Estimated Completion Date: 12/2019
Council District: 5

Parkmont Drainage

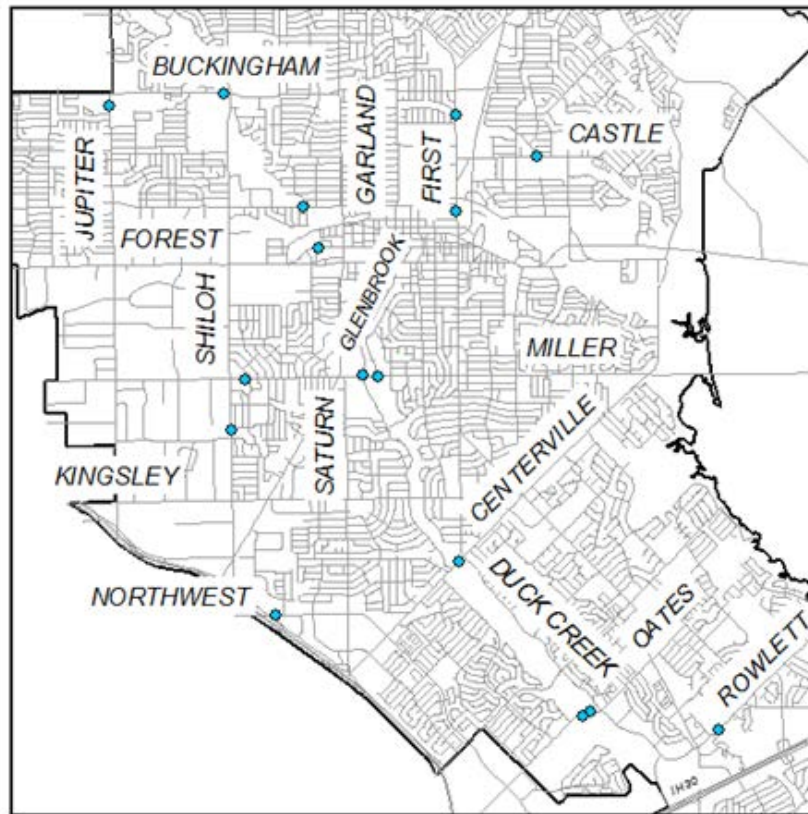


Drainage Improvements

- Funding is provided for design, land acquisition and construction of subdivision drainage improvements in the vicinity of Parkmont Drive
- Project is under construction and estimated at 10% complete.

Bridge Remediation

2018 Project Cost:	\$3,396,000
Total Project Cost:	\$6,671,000
Estimated Completion Date:	12/2019
Council District:	Multiple



Drainage Improvements (Continued)

- Funding is provided for necessary repairs to various bridges throughout the City.
- Phase 1 contains 16 bridges, is under construction and approximately 10% complete.
- Phase 2 will contain 5 bridges and is scheduled to bid the 2nd Quarter of 2018.
- Phase 3 will contain 13 bridges and bid the 4th Quarter of 2018 or 1st quarter 2019.

*Phase 1 includes approximately \$1,429,314 Million in County Participation Funding.

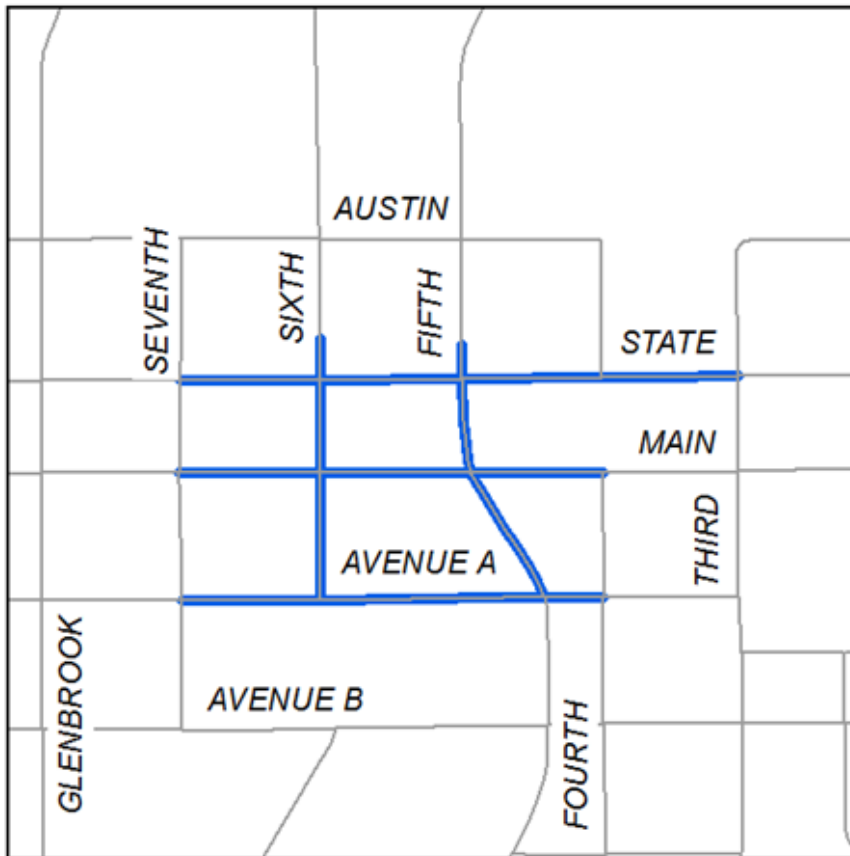


GARLAND

ECONOMIC DEVELOPMENT PROJECTS

Downtown Streets, Sidewalks and Parking Study

2018 Project Cost: \$82,000
Total Project Cost: \$4,482,000
Estimated Completion Date: 12/2021
Council District: 2



Economic Development

- Council approved a project to study the downtown streets and sidewalks in and around the Downtown Square.
- Funding is being added to include a parking study as part of the streets and sidewalks study.
- Study will provide detailed information to better assess and plan future improvements in and around the downtown square area.

SUMMARY OF CIP STREETS PROJECTS

Project Name	2018 CIP Impact from Actionable Projects
Pleasant Valley Road – Richfield to Miles	\$10,120,000
Shiloh Road - I.H. 635 to Kingsley Rd.	4,411,000
Bobtown Road - Rowlett Rd. to Waterhouse Blvd.	925,000
Waterhouse – Bobtown to Hayman	250,000
Brand Road - PGBT to Muirfield Rd.	50,000
Oates Road - Broadway Blvd. to Rosehill Rd.	1,150,000
Oates Road - Channel Isle to Heron’s Bay #3	370,000
Holford Road - Arapaho Rd. to PGBT	200,000
Holford Road - PGBT to Creekwood	300,000

SUMMARY OF CIP STREETS PROJECTS

Project Name	2018 CIP Impact from Actionable Projects
Naaman School / Brand Alignment Study	\$450,000
Leon Road Alignment Study	1,000,000
Total	\$19,226,000

SUMMARY OF CIP DRAINAGE PROJECTS

Project Name	2018 CIP Impact from Actionable Projects
Parkmont Drainage	\$3,118,000
Bridge Remediation	3,396,000
Total	\$6,514,000

SUMMARY OF CIP DRAINAGE PROJECTS

Project Name	2018 CIP Impact from Actionable Projects
Downtown Streets, Sidewalk and Parking Study	\$82,000
Total	\$82,000

SUMMARY OF CIP PROJECTS

STREETS AND DRAINAGE

Project Name	2018 CIP Impact from Actionable Projects
Total Streets Projects	\$19,226,000
Total Drainage Projects	6,514,000
Total Economic Development Projects	82,000
Total	\$25,822,000

QUESTIONS?



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