

COMPLETED CAPITAL PROJECTS
OR PROJECTS NEARING COMPLETION

PROJECT NAME	START DATE	COMPLETION DATE	COST OF PROJECT	FUNDING SOURCE	SCOPE OF WORK	CONERNS/RISKS/CHALLENGES OVERCOME
Eagle Dr Street Reconstruction & Bicycle Accomodation Projects	Jun-15	Dec-16	\$2,000,000.00	Streets and Bicycle Fund	Full reconstruction of the roadway, replacement of curb and gutter, ADA ramps, and restripe the roadway with a ‘road diet’ which is modifying a 4-lane undivided roadway into a 3 lane configuration with two through lanes and a continuous left turn lane with bicycle lanes.	The project is at the southern edge of UNT campus therefore there was need to split the construction schedule in order to complete the roadway construction adjacent to the campus during the summer months when student traffic was less. Public meetings were held due to the reconfiguration of the striping.
FM 2499 Utility Relocation Phase II	Jan-15	Jul-15	\$1,603,654.00	Utility Bond Funds	Installation of 3800 ft of sanitary sewer ranging in size from 6” to 48” and 1800 ft of 12” and 16” water line along the new route for FM 2499 on the south side of Denton. Project required to clear right-of-way for TXDOT roadway improvements.	Due to the fact that FM 2499 was a new route, the City received 100% reimbursement on the water portion of the project and 85% reimbursement on the wastewater portion of the project. The reason wastewater did not receive 100% was because several of the line sizes were increased to accommodate future growth.
Fort Worth Dr Utility Relocations	Feb-16	May-17	\$3,100,000.00	Utility Revenue/Bond Funds	Design of approximately 7,000 linear feet of water line and 16,000 linear of sewer line in order for City of Denton utility relocations to be accomplished as part of the TXDOT US 377 Improvements project.	Acquisition of easements was a particular challenge for this project. Approximately 40 different easements were required to be obtained between May 2016 and April 2017. The final required easement was obtained on Tuesday, April 4th, 2017. The easement acquisition process was completed successfully in accordawnce with the project schedule so that the City of Denton project can be constructed as part of the TXDOT project beginning later this year.
IH35E Utility Relocations	Coordination 2012 Approval Mar-15	Aug-17	AGL projected expenditures to relocate City of Denton water and wastewater facilities at approximately \$5.31 million, with \$498,024.67 of that reimbursable to AGL for City requested betterments. AGL owes the City of Denton approximately \$200,000 for reimbursable expenses.	TxDOT for all relocations, including personnel time, and utility bond funds for betterments.	Relocation of water and wastewater lines in conflict with TxDOT construction along IH35E and IH35N from Lake Lewisville to US Hwy 380.	Coordination with ongoing AGL construction and traffic closure notifications. Construction on raw water lines from Lake Lewisville serving water treatment plant on Spencer Road (approximately 50% of City's water supply).
Laurel St	Oct-16	Nov-16	\$152, 908	2012 Bond Program and Operations & Maintenance	The project involved a complete reconstruction of Laurel St, including the removal and replacement of damaged curbs and gutters.	Sink holes in the subgrade near inlet boxes grade issues with the side alley ways, and tie end points on them.

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Lynhurst Ln	Sep-16	Nov-16	\$152, 658	2012 Bond Program and Operations & Maintenance	The project involved a complete reconstruction of Lynhurst Ln, including the removal and replacement of damaged curbs and gutters. (1.1 Lane miles)	Communication utilities were damaged because they were too shallow. Weather: We had quite a few rain days after the start of the project. The milling machine had trouble milling off the material because subgrade was saturated.
Monterey St	Jan-17	Feb-17	\$240,000.00	2012 & 2014 Bond Programs	The project involved a complete street reconstruction of Monterey Street, including the removal and replacement of damaged curbs and gutters. (.60 Lane miles)	Curb and gutter issues due to the lack of elevation change over several hundred feet. Loss of time due to multiple older drainage crossings that were shallow and could not be milled over or stabilized on top of. No significant rain events.
Mckinney St Crossing Project	Jan-16	May-16	\$150, 000	COD Red Light Traffic Fund, Streets, Parks, Bicycle Fund	Added a mid-block crossing with Rectangular Rapid Flashing Beacon (RRFB) and LED signs, added a pedestrian and bicycle connection from the Oak street accommodations into Quakertown Park.	Timing with the spring festivals, traffic control, and reconfiguring Oakland traffic patterns to accommodate.
Pecan Creek Interceptor III	Jul-15	Aug-16	\$3,157,563.69	Utility Bond Funds	Installation of 7600 ft of 36" and 30" sanitary sewer interceptor through the central portion of Denton. Project needed to increase capacity of the wastewater collection system.	Project route was through Quakertown Park and required an on-site archeological inspector during construction. Several buried boxes were recovered during the construction which contained items dating from the late 19th to early 20th Century. Some of the items had historical value and were donated to the County Museum.
US Hwy 380 (University Dr.) Utility Relocations - Bonnie Brae to Locust Drive	Design and ROW prior to 2000, Construction May 2013	Jan-16	\$4,763,957.00	Utility bond funds.	Relocation of water and wastewater lines in conflict with TxDOT construction between IH35N and Locust.	Acquisition of land rights from many different properties with multiple tracts per property involving eminent domain proceedings. Coordination of complex utility relocations from franchise and municipal providers. TxDOT permitting and coordination with a schedule and design that changed radically over the project timeline, including the construction of the section from IH35N to Bonnie Brae by Rayzor Ranch.
Windsor Crossing at North Lakes	May-16	Oct-16	\$35,000.00	Sidewalks FY 2014	Added a Rectangular Rapid Flashing Beacon (RRFB) crossing with LED advanced signs connected North Lakes Park to the North Lakes Rec Center.	

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Bolivar St	Nov-16	Apr-17	\$1,244,424.00	2012 Bond Programs and Operations & Maintenance	Atmos is currently replacing gas lines and they anticipate completing the work by the end of April. (1.11 Lane miles)	The project includes a complete reconstruction 5 streets in Ranch Estates. We had a few of large rain events that delayed the completion of this project.
Eagle Drive Drainage PH 2 Project	Jun-16	Dec-18	\$2,100,000.00	Drainage	Construct over 400 lf of 16’x7’ reinforced concrete box including a connecting storm drain system into the box in order to elevate flooding along Elm, Eagle, and Myrtle Street replacing the existing rock lined channel.	ROW was needed to be acquired with included a vacant home that needed to be demolished. The existing rock lined channel serves as a retaining wall on its southern wall for a business and needs to be preserved. Coordination with existing and proposed sanitary sewer. The City of Denton is in the process of obtaining a TxDOT permit for this project.
Bonnie Brae Road Widening and Improvements	Mar-10	Jun-23	\$73.5MM Total. \$57,689,189 for section from IH35E south to US Hwy 377 along Vintage east of Bonnie Brae and for ROW from IH35E to Scripture. \$9,500,000 for design and construction from IH35E to north of Scripture (\$2.0 M in design underway) and \$6,100,000 for design, construction and ROW for section from US Hwy 380 north to Windsor.	For the section south of IH35E and ROW north of IH35E to Scripture, eighty percent (80%) from RTR funding, 3% from Denton County Pct. 2, and 17% from City (source of City funding was from transferred/repurposed funding from old or completed bond projects). All remaining phases funded by GO bond sales.	Conversion of an existing mostly two-lane road to a four laned divided secondary from US Hwy 377 on the south end to Windsor Road on the north end.	Acquisition of land rights from approximately 75 different properties with multiple tracts per property involving relocations and eminent domain proceedings. Coordination of complex utility relocations from franchise and municipal providers. FEMA permitting at multiple stream crossings. TxDOT permitting and coordination with re-route at intersection with FM 1515. Coordination with UNT. Permitting crossings with two different railroad companies.
Coronado Dr	Apr-17	May-17	\$226,672.00	2012 Bond Programs and Operations & Maintenance	DME is in the progress of installing a new underground service line . City Staff and the contractor are replacing the damaged curb and gutter. (.68 Lane miles)	No concerns or delays at this time.
FM 2181 Utility Relocations	Jul-17	Land rights - June 2017 Work to be concurrent with TXDOT project	\$6,388,00.00	Utility Bond Funds	Installation of 4500 ft of 8-30" sanitary sewer and 10,400 ft of 8-20" water line along FM 2181 between Bluebonnett and Wind River. Project needed to relocate existing utilities out of the way of TXDOT road widening of FM 2181.	The water and sewer improvements are being included in the TXDOT contract. Past experience has indicated that we will pay elevated pricing for utility improvements. This isn't so much of a concern for Water as we estimate that reimbursement will be around 75-80%, but estimated Wastewater reimbursement is only around 10%.

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Fort Worth Drive Utility Relocations	Estimated construction start date in Fall 2017. Design started in February 2016 and design completion estimated to be completed in May 2017.	Land rights acquired: Work to be concurrent with TXDOT project	\$4,320,000.00	Utility Revenue/Bond Funds	Design of approximately 7,000 linear feet of water line and 16,000 linear of sewer line in order for City of Denton utility relocations to be accomplished as part of the TxDOT US 377 Improvements project.	Acquisition of easements was a particular challenge for this project. Approximately 40 different easements were required to be obtained between May of 2016 and April of 2017. The final required easement was obtained on Tuesday April 4th. The easement acquisition process was completed successfully in accordance with the project schedule so that the City of Denton project can be constructed as part of the TxDOT project beginning later this year.
Hickory Creek Road - East	Contract with Freese and Nichols for design to be presented to City Council in May 2017	Jun-19	\$3,000,000.00	RTR funding for \$2.4 million with local match of \$600,000 from Miscellaneous Streets (GO bond funding from 2014 election).	Widen and improve Hickory Creek Road between FM 2499 and FM 2181.	Coordination with TxDOT for intersection and signal design at FM 2499. Coordination with DISD and neighborhoods on traffic control and staging. FEMA permitting on creek. Acquisition of ROW for expansion east of Erin to FM 2499.
Hickory Creek Road - West	Apr-17	Dec-19	\$4,300,000.00	Original bond funding from 1999 (approx. \$1.3 million remaining) with \$3.0 million from FY2014 bond election.	Widen and improve Hickory Creek Road from existing two-lane rural section to four lane divided roadway from FM 2181 west to Riverpass.	Coordination with TxDOT for intersection and signal design at FM 2181. Coordination with DISD and neighborhoods on traffic control and staging. FEMA permitting on creek. Redesign of bridge to adhere to current standards.
Locust Utility Relocations Phase 1 and Elm Utility Relocations Phase 1	Turnback	Nov-19	\$3,824,000.00	Utility Bond Funds	Installation of 6900 ft of 8-24" sanitary sewer and 6300 feet of 8-12" water line under Locust and Elm Streets between Eagle Drive and the Square. Project needed to replacing aging and failing water and sewer infrastructure.	The water and sewer is under Locust and Elm and according to standard TXDOT policy the only way to fix it is to move it out from under the pavement or take over maintenance of the roads. Moving the lines out from under the pavement is not feasible due to obstructed parkway behind the curb. Taking back maintenance of the road seems to be the only solution to this issue. Inability to come to an agreement with TXDOt has kept this project delayed for over two years.
Mayhill Road Widening and Improvements	Feb-10	Jan-20	\$56,670, 566.00	Eighty percent (80%) from RTR funding, 5% from Denton County Pct. 1, 5% from Denton County Pct. 2, and 10% from City. Source of City funding was from transferred/repurposed funding from old or completed bond projects.	Conversion of an existing mostly two-lane road to four lanes with ROW for an eventual six-lane primary arterial from US Hwy 380 (University Drive) on the north end to IH35E on the south end. First phase of project (US Hwy 380 south to past Quail Creek Road) bids on April 20, 2017. Timing or execution of second phase (south to IH35E) dependent on funding availability.	Acquisition of land rights from 47 different properties; Coordination of complex utility relocations from franchise and municipal providers. FEMA permitting at multiple stream crossings. TxDOT permitting and coordination.

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McKinney Street Widening and Improvements	Contract with design-build firm anticipated to be presented to City Council in June 2017. Construction start is anticipated in January 2019.	Jun-20	Total budget of \$18,267,303 for roadway improvements and approximately \$1.6 million for water relocations - construction	TxDOT funding through an Advance Funding Agreement (AFA) associated with the City of Denton taking ownership of roadway.	Widening existing 2-lane rural section roadway to a 4-lane divided secondary arterial between Woodrow Lane and Grissom Road (likely that only the section east of Loop 288 will be built with available funding).	Coordination with ongoing Mayhill Road Widening and Improvements project. Coordination with existing traffic uses, including Ryan High School. Relocation and construction of complicated utilities, primarily water lines as well as franchise utilities.
Miscellaneous Sidewalks	Jun-15	Anticipate completion of funding through first two years of bond package in July 2018 (one project involves extensive easement acquisitions).	\$950,000 (FY 2014-2015 and FY 2015-2016)	GO bond funding from 2014 election.	Provide new sidewalks on Bell Avenue, McKinney Street, Windsor Drive, Londonderry Street, Oakland Street, Hickory Street, Loop 288, Pockrus Page Road, Paisley Street, Mack Drive and Stuart Road.	Coordination with ongoing projects and pedestrian concerns as well as ADA compliance.
Morse Street Expansion	Jul-17	Jan-20	Total budget of \$2,900,000. Initial phase of engineering and ROW acquisition funded at \$1,250,000 (underway now) with construction at \$1,650,000.	GO bond funding from 2014 election.	Widening existing 2-lane urban section to a 4-lane divided secondary arterial between Mayhill Road and Kimberly Drive.	Coordination with ongoing Mayhill Road Widening and Improvements project. Acquisition of ROW from Sally Beauty.
North Texas Boulevard Roundabout	Schematic phase began in May 2015. Fully executed AFA from TxDOT dated April 12, 2016. Contract for final engineering services with Graham Associates approved by City Council on January 10, 2017.	Jan-20	\$2,000,000 plus ROW.	RTR funding from TxDOT with local match provided by UNT contribution of ROW.	Provide connection from new IH35E bridge at North Texas Boulevard to UNT campus and Denia Neighborhood via construction of a roundabout.	Coordination with TxDOT for intersection and signal design. Coordination with UNT on ROW and UNT/Denia on connections.

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PEC-4 Phase 1 & 2 Project	Turnback	Nov-19	\$2,800,000.00	Drainage	Construct an 18’x8’ reinforced concrete box including a connecting storm drain system into the box in order to elevate flooding along Elm, Locust, and Prairie Street replacing the existing rock lined channel.	ROW and Temporary Construction Easements were needed to be acquired on several properties. The existing rock lined channel serves as a retaining wall for several business and needs to be preserved. There are multiple utilities and limited parkway space to work around. This project is tied in with the Elm and Locust Sanitary Sewer and Water Line Project is pending a TxDOT permit for the Elm and Locust Project.
Pecan Creek Interceptor IV	Jun-17	Dec-17	\$1,038,187.00	Utility Bond Funds	Installation of 2000 ft of 30” sanitary sewer interceptor and 900 feet of 12” water line near Denton High School. Project needed to increase capacity of the wastewater collection system and replace aging water infrastructure.	Project route is adjacent to Denton High School so the work in Fulton and Crescent Streets directly adjacent to the school must be completed before the beginning of school in late August 2017. The contract has been written with penalties for the contractor if they do not meet this time frame for that portion of the work.
Ranch Estates	Nov-16	Apr-17	\$1,720,407.00	2012 & 2014 Bond Programs and Operations & Maintenance	The project includes, Marshall Road, Hampton Drive, Cindy Lane, Lariat Drive, and Masch Branch Road. (6.66 Lane miles)	The project includes a complete reconstruction 5 streets in Ranch Estates. We had a few of large rain events that delayed the completion of this project.
Ruddell Extension	June 2015. Contract signed with Graham Associates in February 2016	Jun-20	Total budget of \$5,780,000. Initial phase of engineering and ROW acquisition funded at \$790,000 (underway now) with construction at \$4,990,000.	GO bond funding from 2014 election.	Relocate Ruddell Street crossing of Mingo Road to northeast of existing crossing with improved grades and drainage.	Coordination with UPRR for new crossing and closure of existing crossings at Willis and Pertain Streets.

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Shady Oaks Turn Lane	Feb-17	Oct-17	\$100,000.00	Street Department	Construct a right turn lane on Shady Oaks onto Woodrow/Colorado	A corner clip had to be acquired, and utilities will need to be relocate including but not limited to drainage inlets and a signal pole.
Trinity Bridge Replacement Project	Feb-16	Dec-20	Cost of design and construction are currently being worked on.	90% will come from TxDOT Bridge Replacement fund, 10% from the Street Department for the Bridge. Re-alignment of the roadway will be at 100% by the City of Denton. The ROW required will also be 100% by the City of Denton	The existing bridge was closed and removed following multiple storm events. A one-lane 'Bailey' Bridge was installed to open up to traffic on an emergency basis to keep traffic open to the south end of the neighborhood. The City is currently working on a contract with a consultant to design the new bridge that is up to current standards and passes the 100 year flood event and re-align the roadway's horizontal and vertical configuration. TxDOT is working on an Advanced Funding Agreement (AFA) with the City of Denton for this project.	The floodplain is wide in this area. The hope is to get the design and ROW acquisition completed as quickly as possible in order to possibly move the 2020 date forward.
Wheeler Ridge Connection to FM 2181 at Jordan Lane	Contract with Freese and Nichols for design to be presented to City Council in May 2017	Jun-18	\$620,000.00	GO bond funding from 2014 election.	Construction of residential street to connect Jordan Lane with Rustic Lane in Wheeler Ridge subdivision.	Coordination with church owning property affected by extension.