



# Enhance Regional MOBILITY

FY2017 QUARTERLY UPDATE

VOLUME 5, ISSUE 3



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## Street Investments

Enhancing regional mobility by keeping Arlington’s streets in good repair continues to be a priority for the City. More than \$7 million to rebuild residential streets is planned for the coming year. One of the largest street projects is the rebuild of Abram Street from Cooper to Collins streets through the heart of Downtown. Other projects include \$960,000 to design the rebuild of Eden Road from U.S. 287 to Calendar Road, \$819,000 to design the rebuild of Harris Road from Cooper Street to Calendar Road and \$793,000 to design the rebuild of Avenue H between SH360 to Great Southwest Parkway.

## Center Street Bridge Over Interstate 20 Opens



The new \$11 million Center Street bridge over Interstate 20 opened to drivers in early March. The bridge, paid for by the City of Arlington and built by the Texas Department of Transportation, extends

Center Street over the interstate and south to Bardin Road. The project aims to enhance regional mobility by relieving traffic congestion on Matlock Road and Cooper Street and making it easier for drivers to access the Arlington Highlands shopping center north of I-20 as well as neighborhoods and businesses south of the interstate.

“This is a big day in Arlington. We not only dream big. We get our dreams done.” Arlington Mayor Jeff Williams said during a ribbon cutting ceremony to celebrate the long-anticipated bridge opening. “This morning we are standing on one of those dreams.”

The four-lane bridge, whose design was based on North Central Texas Council of Governments 2040 traffic projections, has the ability to expand to six lanes if necessary. The bridge is a “flyover” and cannot be accessed directly from the interstate. Along the east side of the bridge, a 10-foot-wide hike and bike lane improves connectivity and travel options for cyclists and pedestrians.

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# Highlights

## Driverless Shuttle Pilot Project in Arlington's Entertainment District

As part of an innovative transportation pilot project, visitors to Arlington's Entertainment District will soon be able to catch a free ride on a driverless shuttle to help make getting from their vehicles to the stadium venues more convenient.

In March, the Arlington City Council approved a lease agreement with EasyMile of Toulouse, France, for the use of two low-speed, autonomous shuttles. As early as June, the City will begin offering free shuttle rides on pre-programmed routes along select Entertainment District off-street trails during Stadium and Ballpark events.

This pilot project will allow Arlington to test the application of autonomous shuttles in a real-world setting.

"The City seeks to position itself at the forefront of the connected and autonomous vehicle technology movement," Community Development and Planning Director John Dugan said. "The pilot project will allow us to see how this driverless vehicle system really works and to look at the overall picture of how these vehicles could enhance the City's transportation options."

Although the shuttles will run autonomously, they will always have an operator on-board. The vehicles can hold up to 12 passengers and will have a maximum speed of about 20 miles per hour.



Quarters are based on calendar year.

2016 STREET MAINTENANCE PROJECTS	2015				2016				2017			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
No design or right-of-way are required for the annual street maintenance projects. Schedule is tentative and subject to change upon award of contract.												
** Street Reclamation												
Proposed Construction												
Under Construction												
Completed												
Green Oaks Blvd (Pioneer Parkway - Arkansas)**												
Green Oaks Blvd (Pleasant Ridge - IH 20)**												
Little Rd (Green Oaks Blvd - Poly Webb)**												
Stephie Ann Court (Mansfield Webb - East dead end)**												
Stacy Renee Court (Stephie Ann Ct - East dead end)**												
Spring Miller Court (West dead end - Mansfield Webb Rd)**												
Spring Miller Court (Mansfield Webb Rd - East dead end)**												
Truver Lane (Harris - TESCO Easement)**												
Webb Lynn Road (New York - SH 360)**												

Quarters are based on calendar year.

2017 STREET MAINTENANCE PROJECTS (Street Reclamation)	2017			
	Q1	Q2	Q3	Q4
No design or right-of-way are required for the annual street maintenance projects. Schedule is tentative and subject to change upon award of contract.				
Proposed Construction				
Under Construction				
Completed				
Browning Drive (Oleander - Pioneer Parkway)				
Canal Court (Kingsferry - North dead end)				
Cliffwood Court (Kingsferry - West dead end)				
Jana Lane (East dead end - West dead end)				
Jeanell Lane (Kuykendall - North dead end)				
Kingsferry Court (Kingsferry - South dead end)				
Kingsferry Drive (Saddle Ridge - Poly Webb)				
Kuykendall Drive (Calender - East dead end)				
Rickey Lane (Kuykendall - Jana)				

Quarters are based on calendar year.

**2016 COMPLETED PROJECTS**

	2015				2016				2017			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
* Street Improvements in conjunction with a Water/Sewer Renewal or Drainage Project												
Abram Street (Bowen - Norwood Place) Reclamation*												
Abram Street (Stadium - SH 360) Reconstruction												
Abram Street (SH 360 - City Limits) Reconstruction												
Alice Street (Browning - Sharon) Reconstruction												
Barton Drive (Sherry - Kent) Reconstruction												
Blackwood Drive (Bowen - Norwood) Reclamation*												
Blue Forest Drive (Harris - Ledbetter) Reclamation												
Bowen Road (Abram - Pecandale) Panel Replacement*												
Brown Blvd (Ballpark Way - SH 360) Reclamation*												
Calender Road (Harris - Monthaven) Reconstruction												
Center Street (Arkansas - Timberview) Reconstruction												
Center/IH 20 Bridge (TxDOT Project) Construction												
College Street (Abram - UTA Blvd) Reclamation*												
Cooper Street (Pleasant Place - Mitchell) Sidewalks & Median												
Curry Road (Winthorp - Blake) Reconstruction												
Harris Road (Calender - 300' west of Calender) Reconstruction												
Harris Road (360' east of Ledbetter - 800' east of Ledbetter) Reconstruction												
Highland Drive (Sharon - Ruth) Reconstruction												
Hillcrest Drive (Glenhaven - Brookshire) Reconstruction												
Joyce Street (Meadowbrook - Highland) Reconstruction												
Ledbetter Road (Curry - Russell) Reconstruction												
Mignon Drive (South end - Pavement Change) Reconstruction												
Norwood Ln (Blackwood - Olympia) Reclamation*												
Norwood Ln (West end - 2030 Norwood Lane) Reclamation*												
Russell Road (Ledbetter - Calender) Reconstruction												
Spring Meadows Subdivision Reclamation*												
Summit Street (Abram - Fourth St) Reclamation*												
Swiss Street (Moore - Park Row) Reconstruction												
Truver Lane (Green Mere - North end) Reclamation												

Quarters are based on calendar year.

**PROPOSED 2017 CONSTRUCTION**

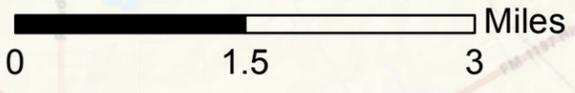
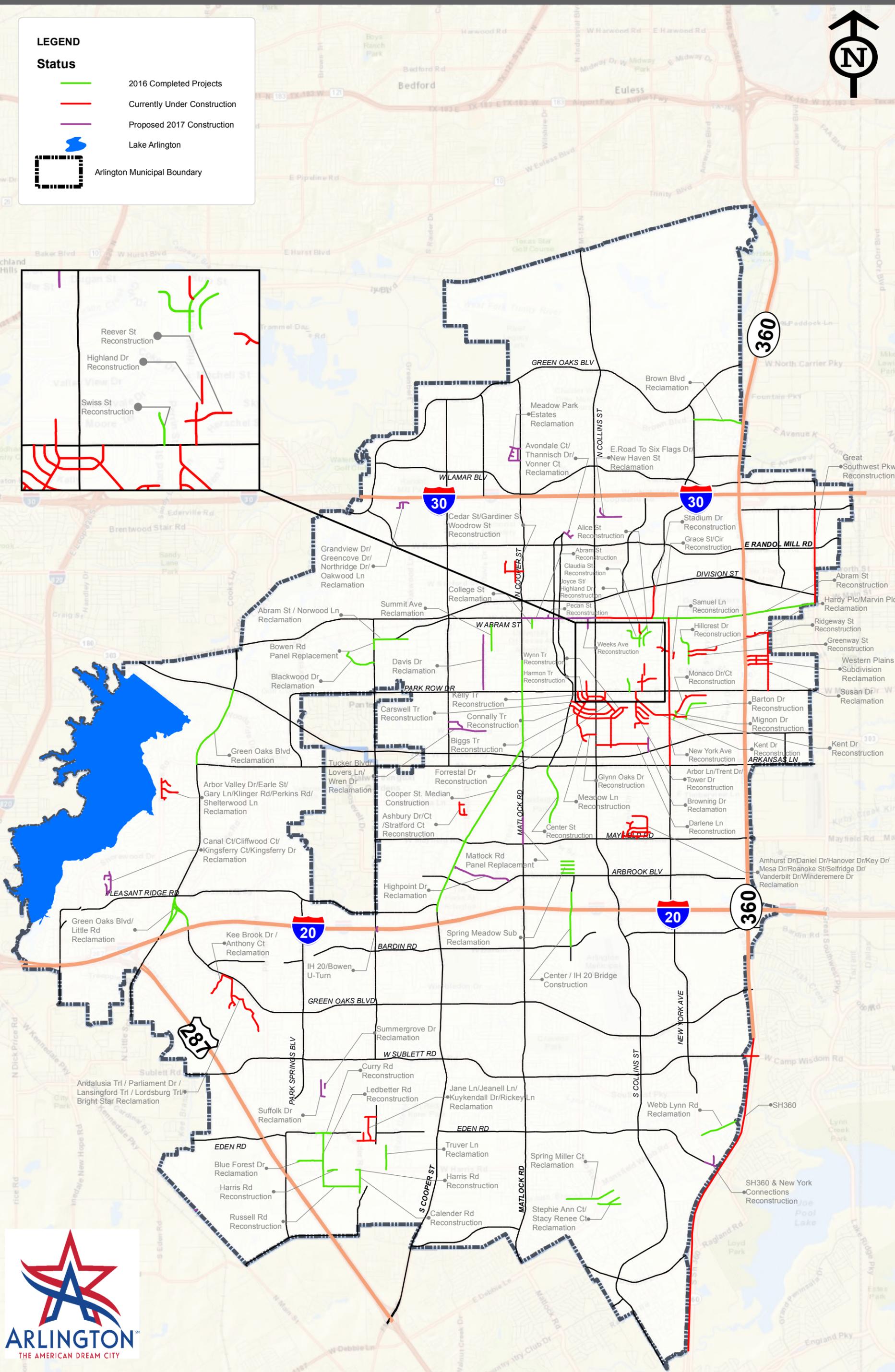
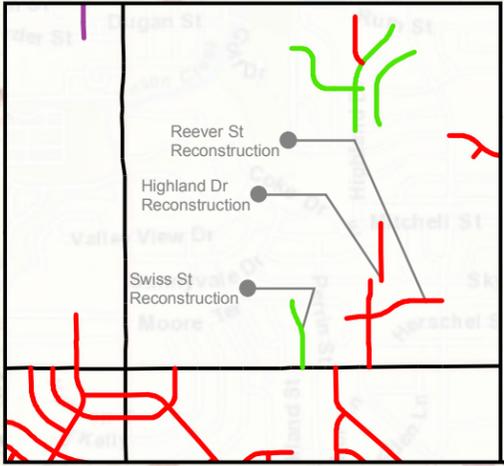
	2016				2017				2018			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Design Phase												
Right-of-way Phase												
Construction Phase (includes franchised utility relocation)												
* Street Improvements in conjunction with a Water/Sewer Renewal or Drainage Project												
Abram Street (Cooper - Collins) Reconstruction												
Avondale Court (Thannisch - North dead end) Reclamation*												
Davis Drive (UTA Blvd - Park Row) Reclamation*												
E. Road to Six Flgs Drive (Collins - Nolan Ryan Expressway) Reclamation*												
Grandview Drive (Oakwood - Greencove) Reclamation*												
Greencove Drive (Trailridge - Northridge) Reclamation*												
Highpoint Drive (Cooper - Arbrook) Reclamation*												
IH 20/Bowen U-Turn												
Lovers Lane (Fielder - Wren) Reclamation*												
Matlock Road (Johnson Creek - Mayfield) Concrete Panel Replacement												
Meadow Park Estates Reclamation *												
New Haven Street (Skyline - E. Road to Six Flags) Reclamation*												
Northridge Drive (Oakwood - Greencove) Reclamation*												
Oakwood Lane (Northridge - 2001 Oakwood) Reclamation												
Pecan Street (Abram - Main) Reconstruction												
SH360 & New York Connections												
Suffolk Drive (Wentworth - Redstone) Reclamation*												
Summergrove Drive (Tiverton - Summergrove) Reclamation*												
Thannisch Drive (Center - 1011 Thannisch) Reclamation*												
Tucker Blvd (Fielder - Davis) Reclamation*												
Vonner Court (Thannisch - North dead end) Reclamation*												
Weeks Ave (Abram - Border) Reconstruction												
Wren Drive (Lovers - Tucker) Reclamation *												



**LEGEND**

**Status**

- 2016 Completed Projects
- Currently Under Construction
- Proposed 2017 Construction
- Lake Arlington
- Arlington Municipal Boundary



Quarters are based on calendar year.

CURRENTLY UNDER CONSTRUCTION	2016				2017				2018			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
* Street Improvements in conjunction with a Water/Sewer Renewal or Drainage Project												
Abram Street (Collins - Stadium) Reconstruction												
Amhurst Drive (Daniel - Hanover) Stone Ridge Subdivision Reconstruction												
Andalusia Trail (Parliament - Lansingford) Reclamation*												
Antony Court (Kee Brook - Andalusia) Reclamation*												
Arbor Lane (Kent - Trent) Reconstruction												
Arbor Valley Drive (2701 Shelterwood - Perkins) Reclamation*												
Ashbury Drive (California - Medlin) Reconstruction												
Ashbury Court (Ashbury - East end) Reconstruction												
Biggs Terrace (Connally - Wynn) Reconstruction												
Bright Star Trail (Parliament - Rimrock) Reclamation*												
Carswell Terrace (Center - Collins) Reconstruction												
Cedar Street (Woodrow - Cooper) Reconstruction												
Claudia Street (Ruth - Highland) Reconstruction												
Connally Terrace (Center - Forrestal) Reconstruction												
Daniel Drive (Concord - Mayfield) Reclamation												
Darlene Lane (Collins - Browning) Reconstruction												
Earle Street (Perkins - Highgate) Reclamation*												
Forrestal Drive (Meadow - Wynn Terr) Reconstruction												
Gardiner Street (Fuller - Sanford) Reconstruction												
Gary Lane (Perkins - Klinger) Reclamation*												
Glynn Oaks Drive (Meadow - Collins) Reconstruction												
Grace Street (Browning - New York) Reconstruction												
Grace Circle (Grace - South dead end) Reconstruction												
Great Southwest Parkway (Avenue E - Abram) Reconstruction												
Greenway Street (Hillcrest - Sherry) Reconstruction												
Hanover Drive (Natches - Amhurst) Stone Ridge Subdivision Reconstruction												
Hardy Place (Susan - SH 360) Reclamation*												
Harmon Terrace (W. Park Row - E. Park Row) Reconstruction												
Highland Drive (Mitchell - Park Row) Reconstruction												
Kee Brook Drive (Green Oaks - Antony) Reclamation*												
Kelly Terrace (W. Park Row - Meadow) Reconstruction												
Kent Drive (New York - Barton) Reconstruction												
Kent Drive (Park Row - New York ) Reconstruction												
Key Drive (Mayfield - Amhurst) Stone Ridge Subdivision Reconstruction												
Klinger Road (Gary - 5806 Klinger) Reclamation*												
Lansingford Trail (Andalusia - Lordsburg) Reclamation*												
Lordsburg Trail (Lansingford - South end) Reclamation*												
Marvin Place (Hardy Place - North end) Reclamation*												
Meadow Lane (Tharp - Rosewood) Reconstruction												
Mesa Drive (Daniel - Selfridge) Stone Ridge Subdivision Reconstruction												
Monaco Drive (Mignon - Sherry) Reconstruction												
Monaco Court (North end - Monaco) Reconstruction												
New York Ave (Abram - Arkansas) Phase I Reconstruction												
Parliament Drive (Green Oaks - Andalusia) Reclamation*												
Parliament Drive (Bright Star - Aurora) Reclamation*												
Perkins Road (Arbor Valley - Gary) Reclamation*												
Reever Street (Moore - Browning) Reconstruction												
Ridgeway Street (Hillcrest - Huntington) Reconstruction												
Roanoke Street (Amhurst - Allen) Stone Ridge Subdivision Reconstruction												
Samuels Lane (Ridgeway - Ida) Reconstruction												
Selfridge Drive (Windermere - Natches) Stone Ridge Subdivision Reconstruction												
SH 360 (Sublett - S. City Limits)												
Shelterwood Lane (Arbor Valley - 100' South of Arbor Valley) Reclamation*												
Stratford Court (Ashbury - North end) Reconstruction												
Stadium Drive (Division - Abram) Reconstruction												
Susan Drive (Hardy Place - Park Row) Reclamation*												
Tower Drive (Arbor - Browning) Reconstruction												
Trent Drive (Lovers - Browning) Reconstruction												
Vanderbilt Drive (Hanover - Allen) Stone Ridge Subdivision Reconstruction												
Western Plains Subdivision Reclamation*												
Windermere Drive (Amhurst - Hanover) Stone Ridge Subdivision Reconstruction												
Woodrow Street (Fuller - Cedar) Reconstruction												
Wynn Terrace (Forrestal - Darlene) Reconstruction												
Wynn Terrace (Forrestal - Biggs) Reconstruction												
Wynn Terrace (Arbor - Browning) Reconstruction												

# Updates

## Innovative Transportation Technology in Arlington

As part of its Smart Cities initiative, the Arlington Public Works and Transportation Department is initiating two pilot projects designed to make the traffic signal network more efficient and also to let drivers know through a smart phone app how fast they should be going to avoid red lights. If successful, both programs could roll out to benefit drivers later this year.

"A well-managed transportation system is more than just moving people from Point A to Point B. It requires making smart infrastructure and technology investments that get our citizens and visitors to their destinations with as few headaches as possible," Public Works and Transportation Director Mindy Carmichael said. "These pilot projects are among the most recent examples of Arlington's commitment to enhancing mobility throughout the city."

The City is piloting technology that communicates with the City's advanced transportation management system software and advises drivers what speed they need to be traveling to make a green light at the next intersection, as well as wait times at that signalized intersection. The Public Works and Transportation Department is also working to make Arlington's traffic signal network more efficient at intersections along select major corridors, such as Matlock Road. As part of the pilot project, traffic counting and performance measuring devices are being deployed at 14 intersections to collect traffic data, such as volume, speed and percentage of vehicles turning left or right, in order to take action for efficient traffic management.



## I-30/SH-360 Interchange

The first bridge beam was installed in late February as part of the \$233 million Interstate 30/SH 360 Interchange Project.

The beam will be part of the new SH 360 southbound frontage bridge, which when complete will span from just south of Lamar Boulevard to just north of Six Flags Drive on the west side of 360. The southbound frontage road bridge is expected to be open to traffic by late 2017. Various highway lanes and local streets will experience temporary closures as construction continues.



## SH 360 South Project



The SH 360 South Project is moving forward, and construction began in March on the Sublett Road/Camp Wisdom Road crossover bridge at SH 360. As part of construction, Sublett Road/Camp Wisdom Road crossover traffic has been switched to detour routes directly outside the current lanes of traffic. North and southbound SH 360 drivers continue to use the current traffic signals and intersections.

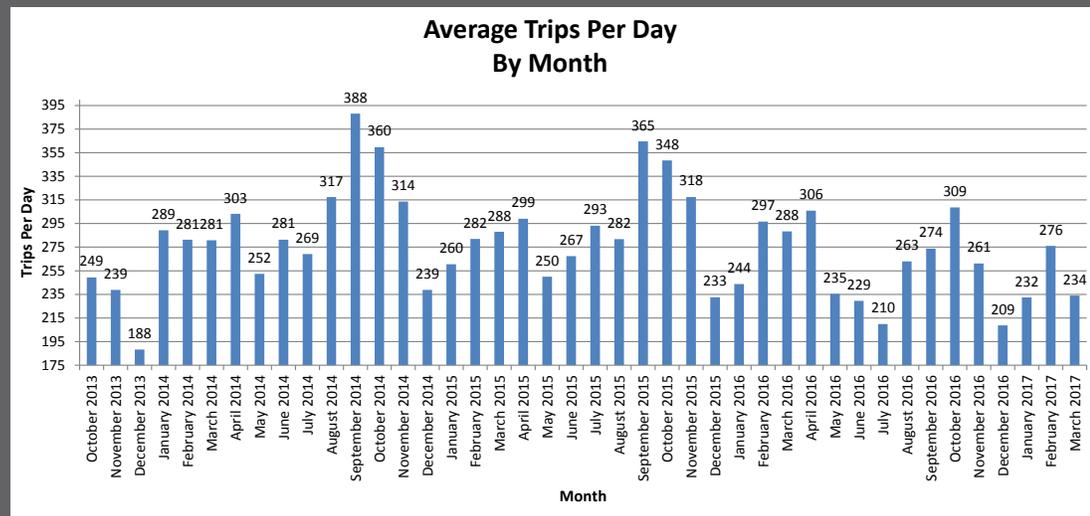
Construction of the new bridge is expected to take six to nine months to complete. Once the new crossover bridge is complete, construction of the new SH 360 mainlanes under the bridge can take place without impacting intersection traffic.

# By The Numbers: Transportation



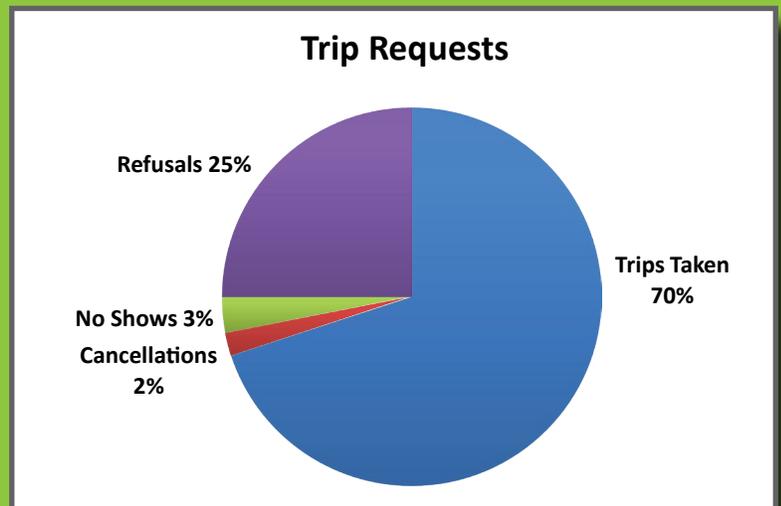
## MAX Update

The City continues to promote the E. Randol Mill Road and Six Flags Drive stop, which came online in February. A minor schedule change took place in early April to improve connection times and better serve students at Everest College and the University of Texas at Arlington. Passengers continue to enjoy the alternative commute option and the mobility provided by MAX.



## Handitran Update

In the second quarter of FY2017, Handitran continued to be a high-demand service for Arlington residents, with over 1,000 more requests than last quarter. Of the trips received, 42% were provided by Handitran buses, and 58% were provided by partner taxi services, with 97% on-time delivery overall. Subscription trips increased slightly over last quarter, to 16%, with 84% demand trips. Handitran customers also travel outside Arlington; the total number of rides provided includes 222 connections to the TRE and FWTA stations.



Total Requests in Q1: **38,191**

Total Trips in Q1: **26,848**

On-time Delivery Percentage: **97%**