

Village of Schaumburg

Transportation Department Monthly Report

AUGUST 2018

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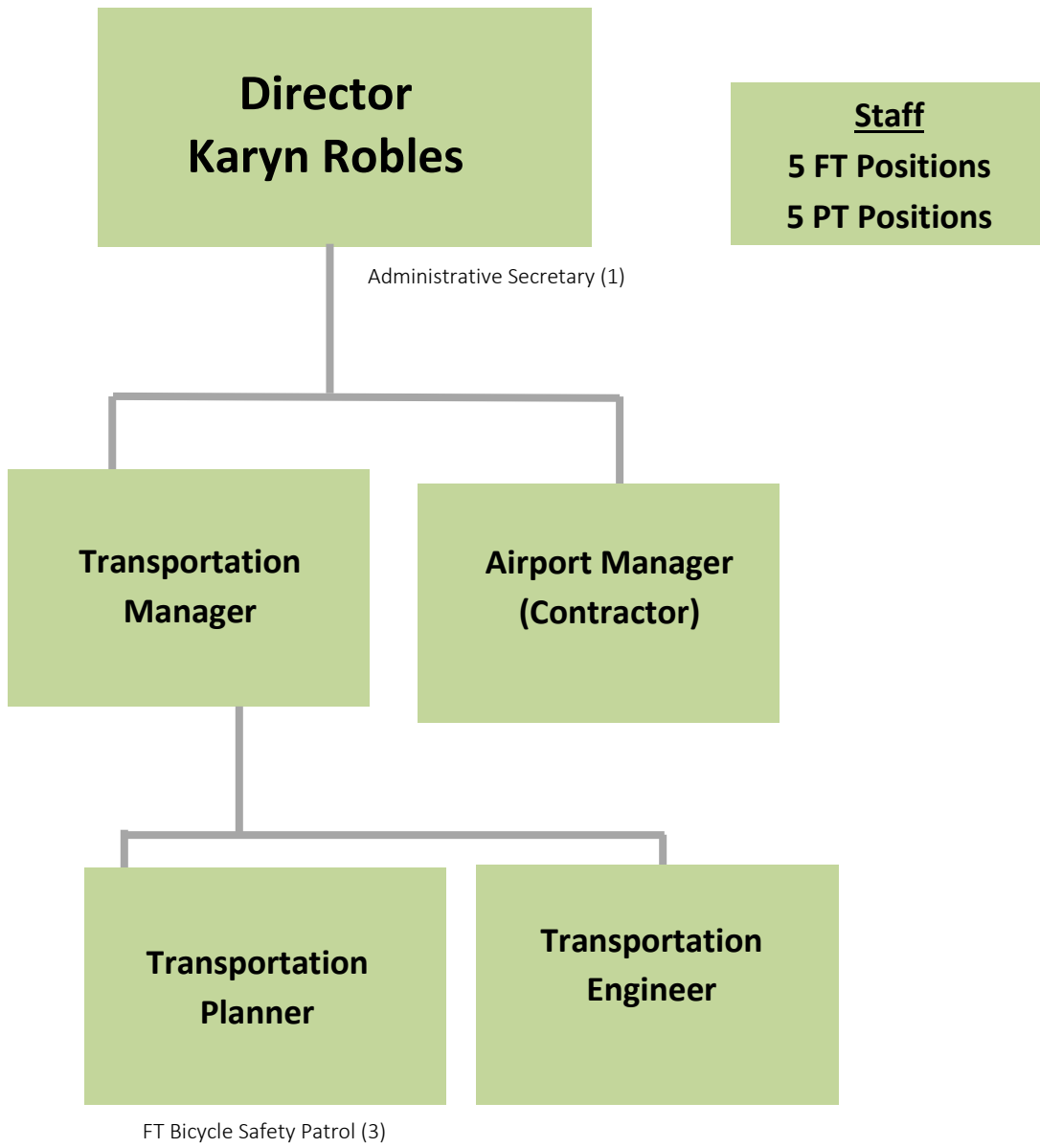
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DEPARTMENT OVERVIEW

The Transportation Department is responsible for the planning, operation, coordination and oversight of providing residents and visitors with transportation options. Primary responsibilities for the Transportation Department include:

Administration

The Transportation Department plays a key role in transportation planning throughout the region and represents the village on several regional transportation and planning committees, including the Chicago Metropolitan Agency for Planning's Bicycle and Pedestrian Task Force, Northwest Municipal Conference's Transportation Committee, Pace's American with Disabilities Act (ADA) Suburban Committee, and the O'Hare Noise Compatibility Commission.

Airport

The Village of Schaumburg owns the Schaumburg Regional Airport, a public use general aviation airport, and the Schaumburg Heliport. The Transportation Department has the administrative oversight of the airport and heliport's overall operations, including ensuring that the airport and heliport are in compliance with federal, state, and local rules and regulations.

Bikeways

Schaumburg's award-winning Bicycle Program was developed in 1979 with the creation of a Bikeways Advisory Committee and development of a comprehensive map detailing locations for current and future bike paths/routes. Since then, the village has adopted a multi-modal approach to transportation planning with the integration of bicycling as one of the key components to create a more livable community.

Traffic

The Transportation Department provides oversight on traffic related matters such as traffic signal operations, neighborhood traffic complaints, speed and traffic data collection, and transportation related development review. Transportation staff also manages the preliminary design of various roadway projects throughout the village.

Transit

As part of the Village's multi-modal approach to transportation, the Village supports numerous public transportation options including the Schaumburg Metra Station, eight Pace bus routes, and the Woodfield Trolley. The Transportation Department also manages several disabled and senior citizen transportation services, including a Dial-a-Ride Transportation service.

KEY ACTIVITIES

The following is a summary of key activities that occurred during this month.

Access Improvement Projects

I-90 Tollway Access Improvements

Staff is continuing to coordinate with the Illinois Toll Highway Authority (ISTHA), Cook County Highway Department and the State on the I-90 projects, which include the installation of a partial interchange at Meacham Road and a full interchange at Roselle Road.

Work on the westbound entrance ramp at Roselle Road continued this month, including the continued closure of Central Road. In August 2018 Central Road was reopened to traffic however the westbound on-ramp to I-90 remains under construction. There have been delays in the traffic signal equipment for the ramp however the County is still anticipating that the project will be completed in November. The Tollway and Village also continued to work on the project financials in preparation for the final project closeout.

Meacham Road and Algonquin Road Intersection Improvements

Work on Phase II final design of the intersection improvements continued with coordination between the Village and IDOT as well as work on the land acquisition portion of the project. Land acquisition approval from IDOT has been received and appraisals for the impacted parcels are underway. This project will add capacity and improve bicycle and pedestrian access at the intersection which is needed due to the future I-90 interchange and the opening of the new Zurich North America headquarters.

Rodenburg Road Improvements

In coordination with the Village of Roselle, work to finalize the overall scope of improvements for the Rodenburg Road project from Irving Park Rd to Central Ave continued. In August, the Village continued coordination with Metra, IDOT, the Army Corp of Engineers, and the Schaumburg Regional Airport in an effort to finalize Phase 1 design. The preliminary design approval will be dependent on environmental clearances, wetland mitigation, and geometrics review timeline. The project team is preparing to present to the IDOT Detour Committee next month which will complete work on the Project Development Report. The project remains on schedule for final design to begin early in 2019.

Schaumburg and Roselle Road Right Turn Lane and Signal Modernization

This project will improve traffic flow through the intersection by providing a dedicated turn lane for southbound vehicles on Roselle Road turning westbound onto Schaumburg Road. Temporary traffic signals have been installed and activated. Work in August focused on getting the corners ready for Septemberfest, including the installation of temporary grindings to make the corners ADA compliant. This project has also experienced materials delays which have impacted the project progress.

Progress Parkway Construction

Staff continued to work with village consultants and the developer to design the new roadway that will be constructed through the site formerly known as the Motorola campus. In August, work on Progress Parkway, continued with pavement removal, grading and storm sewer work all underway. Work on the new culvert also began. Coordination with the utility companies also continued, along with coordination with the adjacent businesses.

Invest in Cook Greater Woodfield Traffic Signal Improvements

The Village of Schaumburg, along with Cook County's Invest in Cook grant funding program, seek to optimize the Village's transportation network through the installation of video detection traffic signal technology along Meacham Rd. In August, Village Board approved staff's recommendation to award the construction of the project. Next month, the preconstruction meeting will be held to discuss the installation process and schedule. The project is on schedule for video detection installation this fall.

Knollwood Drive Reconstruction

This project involves complete roadway reconstruction, upgrading pedestrian facilities, on-street parking, and improvements to the underground storm sewer facilities from Bode Rd to Golf Rd. In August, the Phase I Project Development Report remains under IDOT review. The project team is currently coordinating with IDOT and the Park District for temporary construction easements. Village staff anticipates the final design process to begin following IDOT approval of the aforementioned Phase I Professional Development Report which has since been reviewed and approved by Village staff. Following the PDR approval, Phase II design will begin.

Higgins Road and National Pkwy Pedestrian Improvements

This project will upgrade the existing pedestrian facilities at the signalized intersection which includes the installation of pedestrian countdown timers, push buttons, ADA crossing and striping, and concrete, and asphalt work. Last month, the final plans and specifications were reviewed by IDOT. Staff anticipates final design plan approval within the next month. The construction of this project will be combined with additional pedestrian signal improvement projects scheduled for spring of 2019 to help lower overall unit costs.

Transit Initiatives

Septemberfest

Staff finalized plans for Septemberfest bus shuttle services that are taking place Labor Day weekend. Preparations included meetings with First Student who provides service on six routes, MV Transportation who provides service to senior and the disabled over the weekend, Septemberfest committee members, and the firm handling security and traffic direction internal to the staging area. Additionally, staff participated in table top exercises conducted by Police to practice responses to situations (weather related this year) that could occur over the weekend and disrupt the event.

Transit Presentation – Schaumburg Township District Library (STDL)

Schaumburg's Transportation Manager partnered with the Regional Transportation Authority's (RTA) Mobility Outreach Coordinator to give a presentation covering accessing transit for beginners, enrollment for RTA Reduced Fare and Ride Free Permit cards, and an overview of transit services available throughout Schaumburg Township ranging from Pace routes, to Schaumburg's DART, Trolley and senior/disabled services, and those available through Schaumburg Township. Pace's new I-90/Barrington Road Transit Station, which will likely serve Schaumburg residents west of Salem Drive, was also a hot topic.

56 people signed up for the program which took place on the 24th. Based on the high turnout, STDL has asked the village and RTA to provide another presentation at the end of November.

Metra Monthly Parking Management

In the beginning of August, the Village selected a proposal from Total Parking Solutions, Inc and Passport Lab, Inc to automate the Monthly Permitting process. Once implemented, users will be able to purchase their

monthly parking passes through a third party application. The permit will be a digital permit and will be assigned to the license plate of their vehicle. This will allow the police to enforce the monthly parking by license plate. Implementation is tentatively planned to begin before the next calendar year.

New Coffee Vendor at Schaumburg Metra Station

On August 1, a new coffee vendor opened at the Schaumburg Metra Station. Johnny's Coffee Mart will be open during weekday morning commutes and will continue providing high-quality products to commuters including coffee, espresso, cappuccino, cold refreshments, prepackaged breakfasts, snacks and fruit.

Bicycle/Pedestrian Initiatives

Rodenburg Road Bike Path

This bike path is proposed to be constructed along the east side of Rodenburg Road between Morse Avenue and Irving Park Road. When constructed, it will connect completed segments of path north to Wise Road and south from Irving Park Road. WBK is the consulting firm handling Phase I design. The Project Development Report (PDR) was submitted to IDOT in August and is under review.

Transportation/Bicycle Safety Interns

The Transportation/Bicycle Safety Interns finished on August 17th. In the month of August, their main task was to attend National Night Out. The interns were able to visit 7 sites where they distributed safety information and stickers. The rest of their time was spent wrapping up their summer projects and performing fieldwork duties.

Throughout the summer, the Transportation and Bicycle Safety Interns were able to reach over 600 children at 20 youth presentations and an additional 700 people at tabling events. They also assisted with department fieldwork tasks. During the summer, they timed over 100 signals, performed 30 fieldwork inspections, laid 45 traffic counters, and performed quality control inspections on DART, the Woodfield Trolley, and other Pace Bus Services.

Activity	May	June	July	August	Total	Measure
Trolley	0	9	2	2	13	Rides
Pace Route	1	0	2	2	5	Rides
DART	1	2	2	4	9	Rides
Presentation	0	13	7	0	20	Presentations
Number of Kids	0	501	134	0	635	Heads
Staffed Event Tables	2	37.5	28	24	91.5	Hours
Number of Contacts	10	211	130	352	703	Heads
Other Event	1	0	2	6	9	Events
iWalk/Bike	3	0	0	0	3	Events
Bike Rack Census	0	0	6	1	7	Racks
Road Tubes Placed	8	12	21	4	45	Counters
Signals Timed	33	25.5	26	26	110.5	Signals
Field Work	5	7	14	4	30	Inspections
CSRs Submitted	2	16	2	1	20	CSRs

Brochure Distribution	May	June	July	August	Total	Measure
Bike Maps	0	3	0	0	3	Handouts
CCFP Maps	3	10	0	0	13	Handouts
Bike to Metra	7	19	9	9	44	Handouts
Trolley Brochures	2	173	0	0	175	Handouts
Bicycle Rules	0	9	10	9	28	Handouts
Bike Registrations	4	18	7	9	38	Handouts
Bike Safety Handouts	4	28	13	18	63	Handouts
Bike Safety Quiz	2	5	1	0	8	Handouts
Total Distribution	22	265	40	45	372	Handouts

	May	June	July	August	Total	Measure
Miles Ridden on Bike	90.5	173	112	90	465.5	Miles

In addition to quantifiable work, the Transportation and Bicycle Safety Interns performed in-office research and worked on specifically assigned projects including: National Bike to Work Week and Bike Month activities, Bike Share programs, Strava analysis, Fire Lane conversion to GIS, Adopt-a-Bike Path sign inventory, pedestrian amenity inventories, and conducted parking policy and Safe Routes to Parks research.

Adopt a Bike Path

There was one bike path clean up in the month of August that was performed by Friendship Village along Pleasant Drive. The Adopt a Bike Path program was also advertised in the Fall Cracker Barrel. Staff has received several inquiries into adopting paths.

Schaumburg Regional Airport

The Village of Schaumburg Transportation Department is moving forward to construction of the Hangar Pavement Rehabilitation project. The final design of the project has been submitted and will include a two (2) inch mill and overlay to correct the environmental wear on the surface course. Concrete headers will be installed to increase the life of the pavement and provide pilots with less of a lip while pushing their aircraft in. In addition, to rehabilitate the areas in which base failure is apparent or severe cracking is present, a discretionary amount of full depth pavement removal and replacement will be provided. These areas only represent a small isolated pavement percentage.

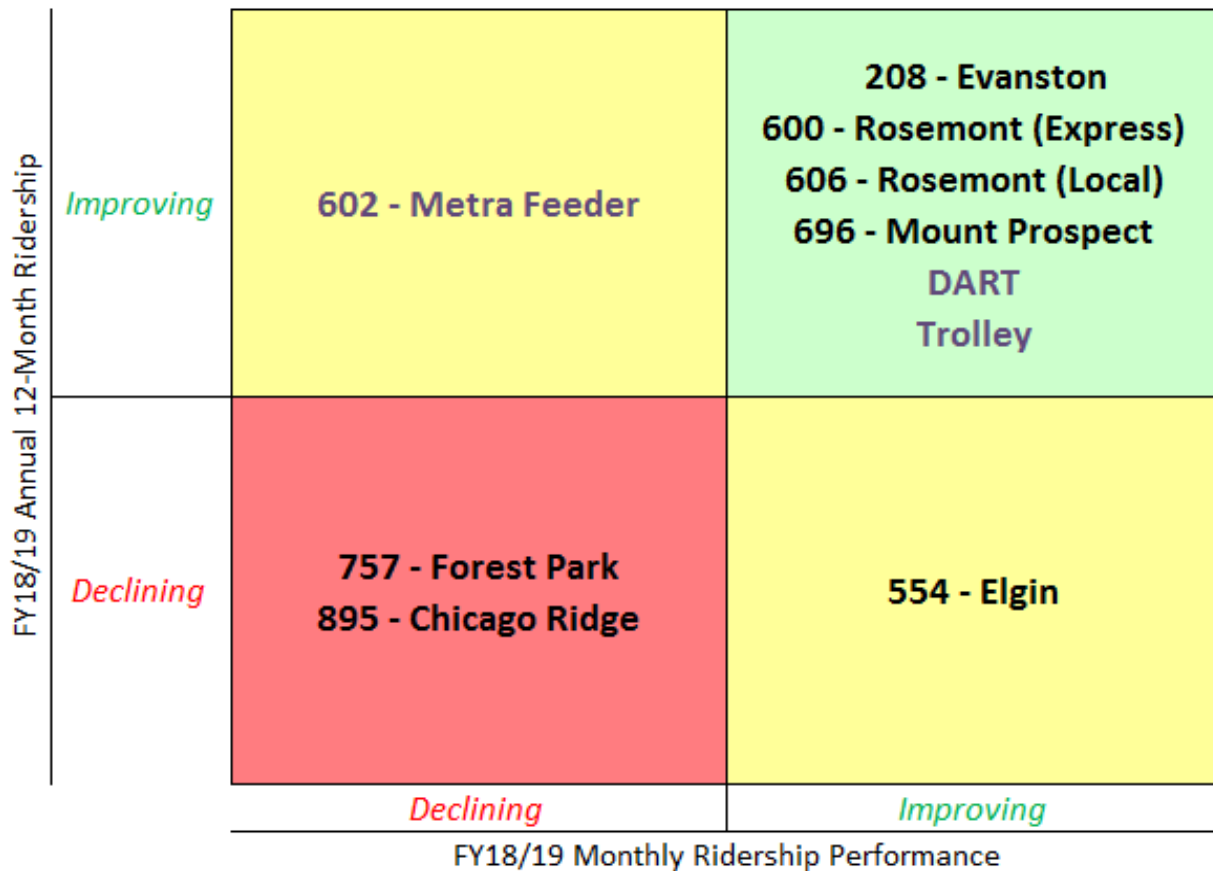
The award of the construction contract is still waiting final authorization from IDOT. CMT engineers will be overseeing the project on a daily basis. The Village wants CMT to ensure a quick and effective schedule to allow pilots to have less downtime on their hangars. Construction is scheduled to start in October 2018.

Schaumburg Regional Airport

Monthly Rent	June	July	August
Hangar	\$26,592.31	\$26,467.31	\$26,217.31
Tie Down	\$1,960.00	\$1,910.00	\$1,830.00
Terminal Building Rent	\$13,229.15	\$13,229.15	\$13,229.15
Activity Summary	June	July	August
Self Service Fuel	18	8	18
Purchased Fuel From the FBO	47	65	62
Ate at Pilot Pete's	64	95	83
Just Visiting	32	51	52
Stayed Overnight	19	34	22
Rented a Car	12	8	4
Businesses	0	0	0
Deliveries	19	24	22
Maintenance	4	3	1
Charter	0	0	0
Pattern Work	4	11	1
Special Events	0	0	0
Total Visitors	95	377	131

MONTHLY PERFORMANCE

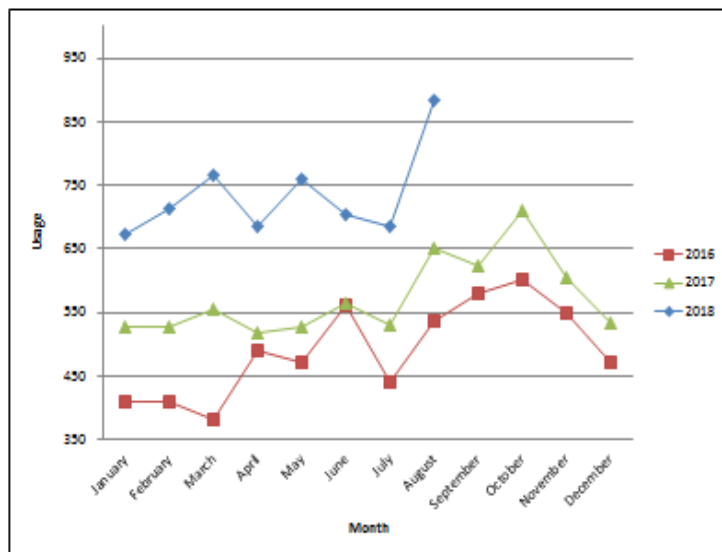
Transit System Ridership Trends



Passport Transactions Schaumburg Metra Lot

Monthly Cumulative Registration Totals

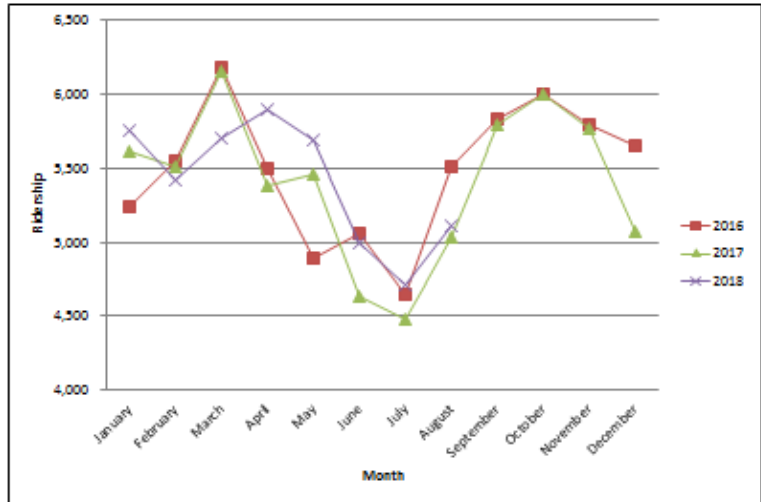
	2016	2017	2018
January	411	526	673
February	411	527	712
March	381	554	766
April	490	518	684
May	472	528	761
June	560	564	704
July	442	529	684
August	537	651	882
September	580	624	
October	603	710	
November	549	606	
December	472	532	
YTD	5,908	6,869	5,866



DART Ridership

Monthly Cumulative Ridership Totals

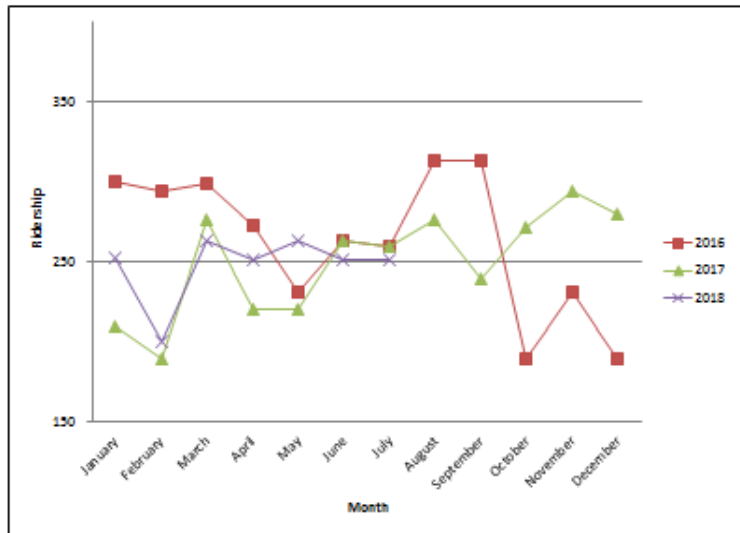
	2016	2017	2018
January	5,241	5,611	5,752
February	5,556	5,515	5,420
March	6,188	6,162	5,709
April	5,504	5,389	5,901
May	4,897	5,464	5,690
June	5,055	4,641	4,994
July	4,652	4,486	4,709
August	5,513	5,033	5,118
September	5,839	5,792	
October	6,005	6,008	
November	5,793	5,771	
December	5,650	5,073	
YTD	65,893	64,945	43,293



Route 602 Ridership

Monthly Cumulative Ridership Totals

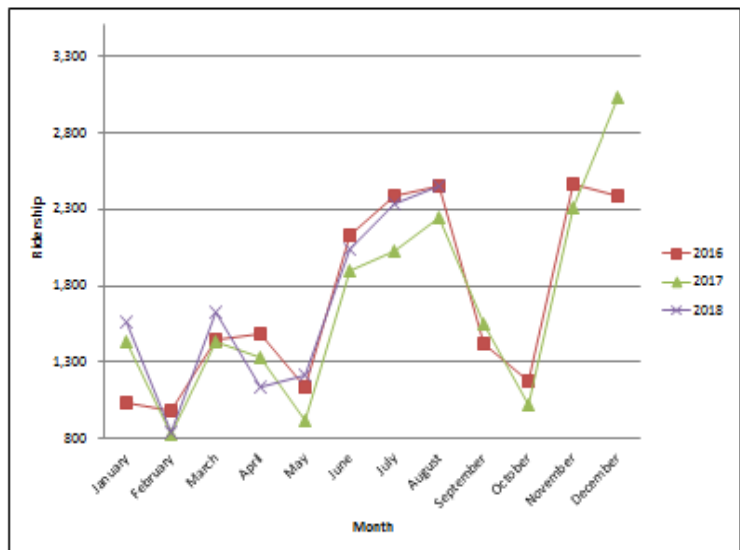
	2016	2017	2018
January	300	210	253
February	294	189	200
March	299	276	264
April	273	220	252
May	231	220	264
June	264	264	252
July	260	260	252
August	314	276	
September	314	240	
October	189	272	
November	231	294	
December	189	280	
YTD	3,158	3,001	1,737



Trolley Ridership

Monthly Cumulative Ridership Totals

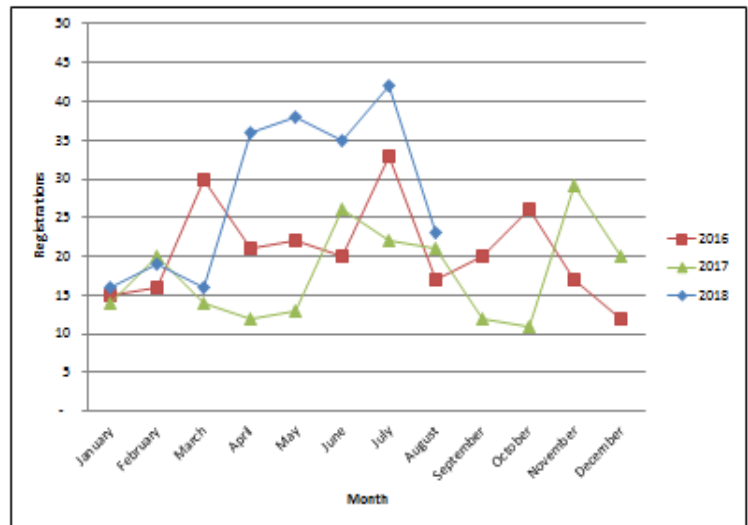
	2016	2017	2018
January	1,035	1,439	1,557
February	985	828	841
March	1,443	1,429	1,632
April	1,482	1,325	1,136
May	1,136	925	1,210
June	2,134	1,892	2,041
July	2,383	2,024	2,329
August	2,454	2,238	2,446
September	1,418	1,551	
October	1,180	1,016	
November	2,468	2,310	
December	2,390	3,023	
YTD	20,508	20,000	13,192



RTA Registrants

Monthly Cumulative Registration Totals

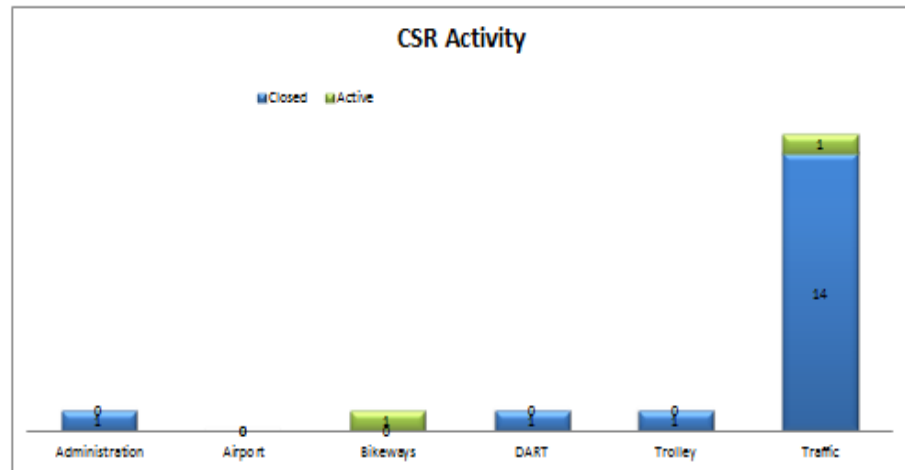
	2016	2017	2018
January	15	14	16
February	16	20	19
March	30	14	16
April	21	12	36
May	22	13	38
June	20	26	35
July	33	22	42
August	17	21	23
September	20	12	
October	26	11	
November	17	29	
December	12	20	
YTD	249	214	225



CUSTOMER SERVICE REQUESTS

CSR Activity

	Closed	Active
Administration	1	0
Airport	0	0
Bikeways	0	1
DART	1	0
Trolley	1	0
Traffic	14	1
Total	17	2



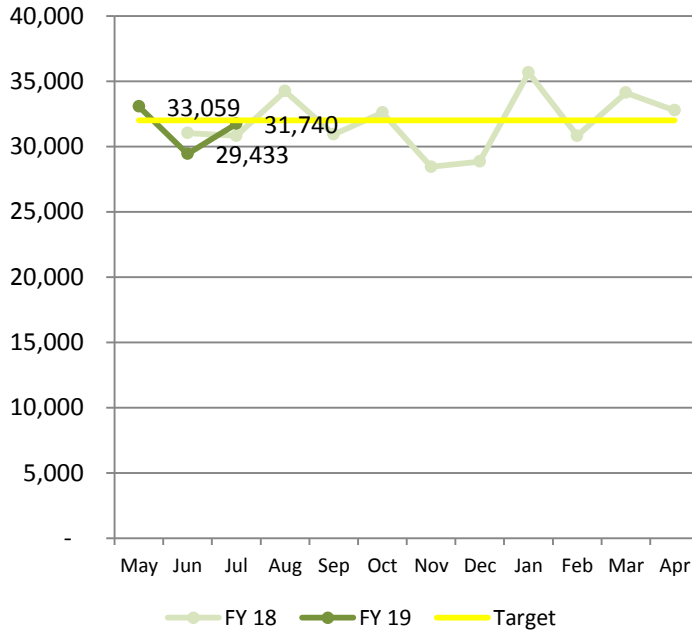
TRANSPORTATION KEY PERFORMANCE INDICATORS

KPI 1: Provide a variety of transit options that fit the needs of Schaumburg residents.

Schaumburg is a transportation hub and multi-modal community offering various transit options from Metra commuter train service, to regional Pace Suburban bus services, in addition to community-centered transit options and an award-winning bicycle program. This KPI hones-in on the 2014 National Citizen Survey (NCS) in which 82% of respondents identified Schaumburg's overall ease of travel positively – a rate similar to national benchmarks.

<p>Maintain Pace suburban bus ridership at 130,000 riders per month.</p>	<p>Line chart showing Pace suburban bus ridership from May to April for FY 17, FY 18, and FY 19. The y-axis ranges from 80,000 to 160,000. A yellow target line is at 130,000. FY 19 data points are labeled: 143,695 (May), 137,779 (Jul), 145,622 (Aug).</p>	<p>Serve the Customer: Provide Transportation Choices</p> <p>FY 19 YTD: 142,365/mo</p> <p>FY 18 Total: 134,711/mo</p> <p>FY 17 Total: 124,030/mo</p> <p><i>*Source: Pace</i></p>
<p>Maintain village transit service ridership at 7,000 riders per month.</p>	<p>Line chart showing village transit service ridership from May to April for FY 17, FY 18, and FY 19. The y-axis ranges from 5,500 to 9,000. A yellow target line is at 7,000. FY 19 data points are labeled: 7,995 (May), 7,575 (Jul), 7,407 (Aug).</p>	<p>Serve the Customer: Provide Transportation Choices</p> <p>FY 19 YTD: 7,659/mo</p> <p>FY 18 Total: 7,236/mo</p> <p>FY 17 Total: 7,393/mo</p> <p><i>*Source: Various Sources</i></p>

Maintain Metra ridership at 32,000 riders per month.



Serve the Customer:
Provide Transportation Choices

FY 19 YTD: 31,411/mo

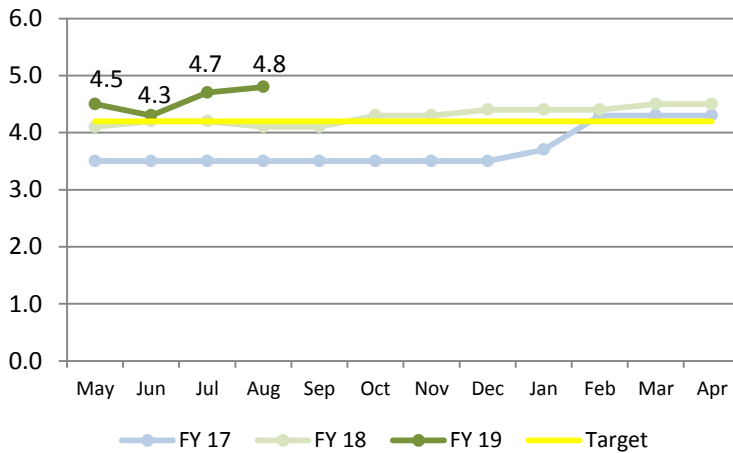
FY 18 Total: 31,842/mo

**Source: Boarding activity is estimated by tallying parking totals on both the Schaumburg and Roselle side of the tracks, tracking transit ridership, bicycle parking, and kiss-and-ride estimates*

KPI 2: Provide a variety of transit options that are well rated by riders.

Schaumburg offers Dial-A-Ride, the Schaumburg Trolley, and Route 602, to residents, employers, employees and visitors. Results from customer satisfaction surveys to these patrons will determine the level of customer satisfaction with services. Short-form customer surveys tracking basic performance and quality of service indicators for DART, Trolley, and Route 602 including driver style/ability, cleanliness of the buses, on-time performance, safety, and comfort. The Village also sends longer-form customer surveys during high ridership periods that track the indicators mentioned on the short-form survey, but encompassing more comfort, convenience, and reliability factors.

Achieve a rating of at least 4.2 on the short form transportation survey.



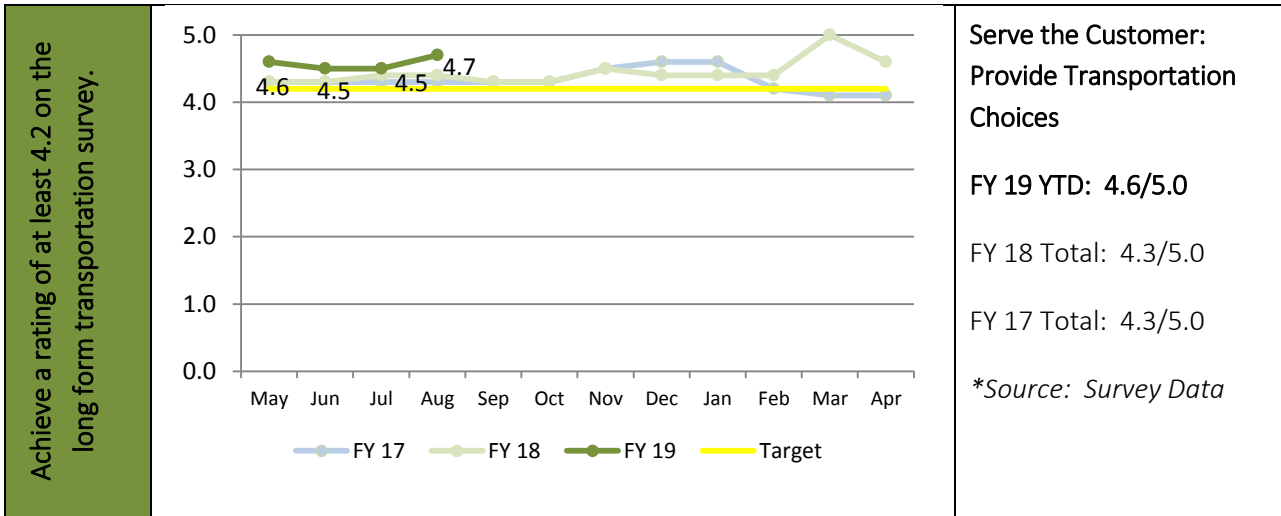
Serve the Customer:
Provide Transportation Choices

FY 19 YTD: 4.6/5.0

FY 18 Total: 4.1/5.0

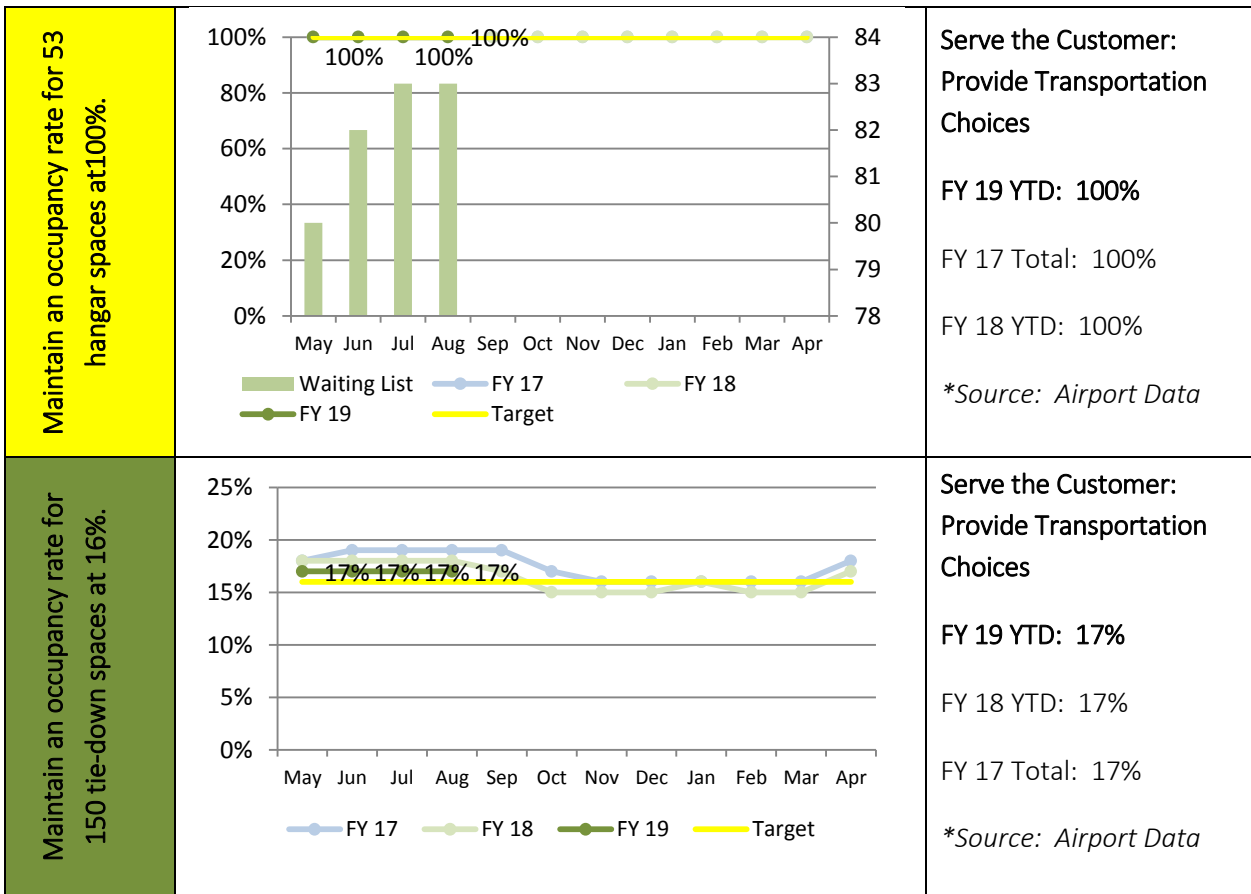
FY 17 Total: 3.7/5.0

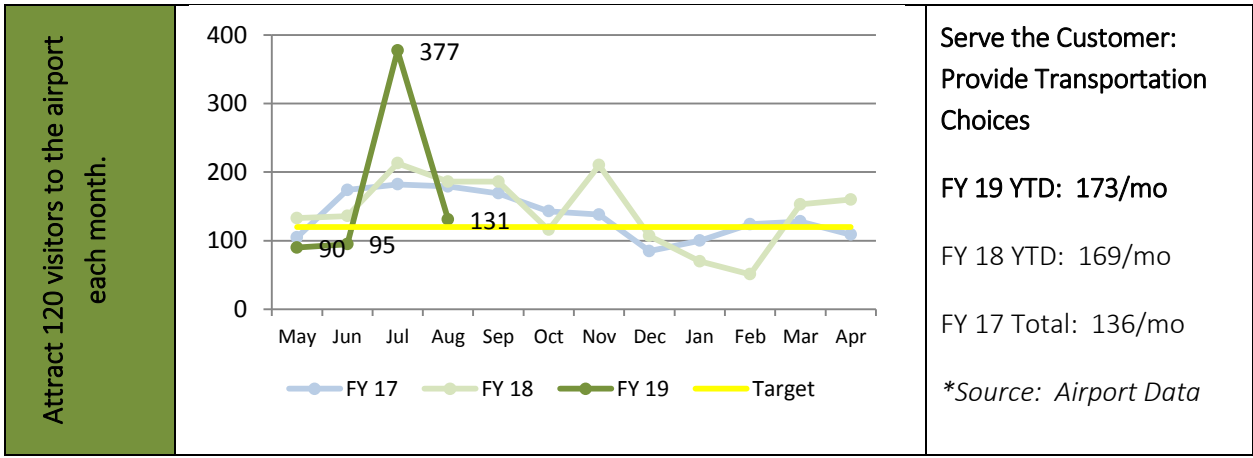
**Source: Survey Data*



KPI 3: Ensure diverse utilization of the Schaumburg Regional Airport

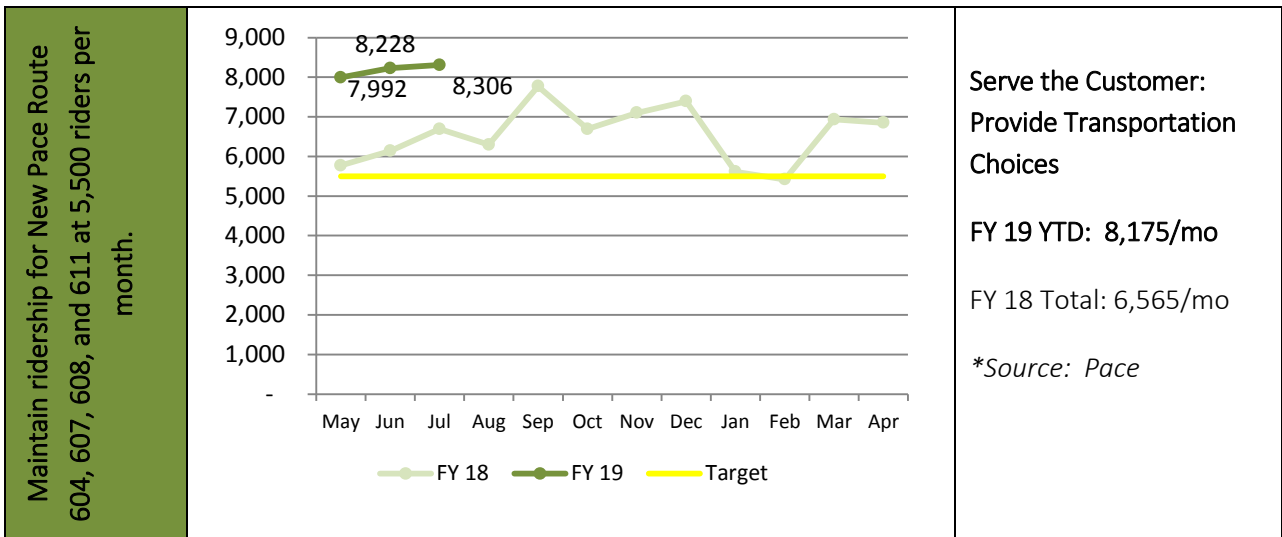
Schaumburg Regional Airport (SRA), which generates \$19 million in local economic impact annually, is home to five businesses, approximately 90 aircraft, and handles roughly 35,000 operations on an annual basis. This KPI measures the number of hangar rentals and tie down spaces, in addition to the number of airport visitors to gauge success and health of this valuable Village-owned asset. This KPI ties to FY 2018/19 Department Goal #4 to identify opportunities to generate additional benefits to the community from the Schaumburg Regional Airport.



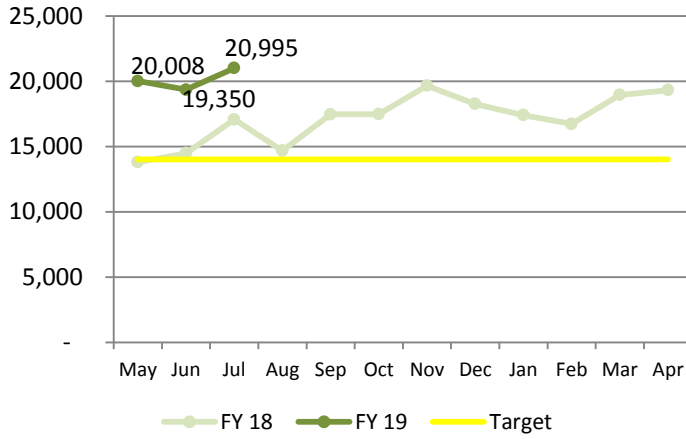


KPI 4: Monitor ridership for expanded and restructured Pace services.

Schaumburg is the second largest employment center in the State of Illinois, and a major transportation center for the region. Part of what attracts employers and residents to Schaumburg are the transportation options to get to and around this community including three major interstate highways, and mass transit services that provide rail and bus transportation. The focus of this KPI is the major public transit expansion that is underway in Schaumburg consisting of four new Pace routes and one restructured and expanded existing Pace route. These new services will increase regional and internal distributor access options to and around Schaumburg including “Last Mile” service. This KPI will measure ridership on these new routes foretelling demand and success for these services. New routes are 604, 607, 608, and 611 and their ridership figures will be reported separately from the existing restructured route, 600. The ridership targets were derived from ridership numbers for the first month of service with a forecast increase in ridership throughout the year of 5%.



Maintain ridership for restructured Pace Route 600 at 13,000 riders per month.



Serve the Customer:
Provide Transportation Choices

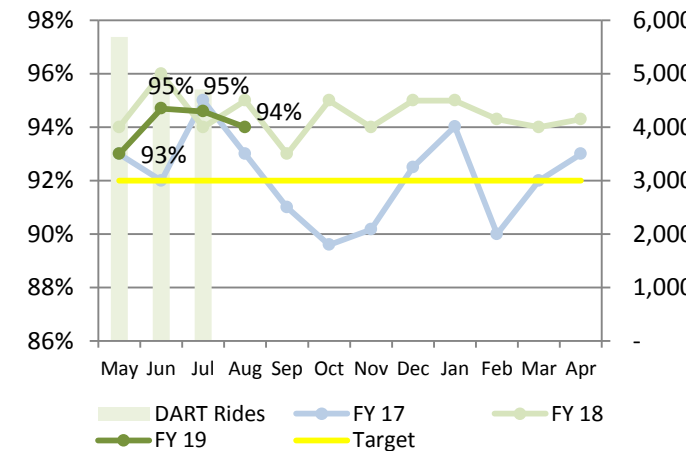
FY 19 YTD: 20,118/mo
FY 18 Total: 17,103/mo

**Source: Pace*

KPI 5: Ensure the continued effectiveness of the Dial-A-Ride Transportation (DART) program

DART is Schaumburg’s most significant village-funded transit service offering. The vast majority (approximately 87%) of the roughly 65,000 annual DART customers are Village of Schaumburg residents and 85% of rides are to locations within the village’s municipal boundaries that stretch more than 10 miles north-south and nearly 7 miles east-west. DART is a door-to-door service open to the general population whose routes are flexibly designed by dispatchers each day of service depending on the calls for rides that are received. This KPI continues measuring the convenience of travel in Schaumburg by monitoring the operational effectiveness of another key component of the DART service - DART’s on-time pick-up performance.

Provide 92% of Dial-A-Ride Transportation travel times in 45 minutes or less.

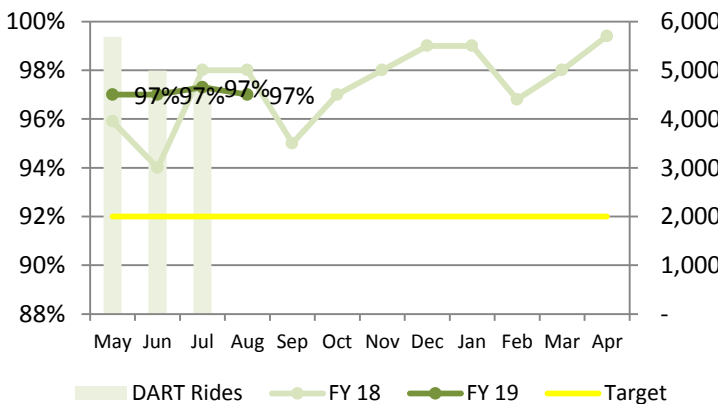


Serve the Customer:
Provide Transportation Choices

FY 19 YTD: 94%
FY 18 Total: 94%
FY 17 Total: 92%

**Source: Daily Operational Reports Provided by MV Transportation*

Provide 92% of DART ride quotes within 90 minutes.



Serve the Customer:
Provide Transportation Choices

FY 19 YTD: 97%
FY 18 Total: 96%

**Source: Operational Reports Provided by MV Transportation*

KPI 6: Improve traffic signal timing on major roadways in the Village of Schaumburg.

National Citizen Survey results regarding the ease of transportation throughout Schaumburg highlight the public’s perception of their ability to efficiently travel to and throughout the Schaumburg area. The focus of this KPI will observe traffic flow along Meacham (Algonquin Road to Higgins Road), Golf (Plum Grove Road to East Frontage Road), and Woodfield (Plum Grove Road to East Frontage Road) Roads, the main arterials in the heart of Schaumburg’s Woodfield area business and entertainment district, and will measure travel speed, signal length, and traffic flow. This KPI ties to FY 2018/19 Department Goal #1 to evaluate the effectiveness of the deployed video detection traffic signal systems and develop an implementation plan for expanding new traffic signal technologies in order to reduce congestion.

<p>Maintain an average travel speed of 22.5 mph on measured roadways.</p>	<p>Miles per Hour</p> <p>Meacham Rd. Golf Rd. Woodfield Rd. Target</p>	<p>Serve the Customer: Provide Transportation Choices</p> <p>FY 19 YTD: 23.2 mph</p> <p>FY 18 Total: 22.3mph</p> <p><i>*Source: Staff Observation</i></p>
<p>Maintain Signal Length at each Signalized Intersection at 60 seconds.</p>	<p>Seconds</p> <p>Meacham Rd. Golf Rd. Woodfield Rd. Target</p>	<p>Serve the Customer: Provide Transportation Choices</p> <p>FY 19 YTD: 61.7 seconds</p> <p>FY 18 Total: 60 seconds</p> <p><i>*Source: Staff Observation</i></p>
<p>Maintain the number of times Stopped at a Signal on measured roadways at 3.</p>	<p>Signals</p> <p>Meacham Rd. Golf Rd. Woodfield Rd. Target Linear (Target)</p>	<p>Serve the Customer: Provide Transportation Choices</p> <p>FY 19 YTD: 2.7</p> <p>FY 18 Total: 2.6</p> <p><i>*Source: Staff Observation</i></p>