

TRANSPORTATION DEPARTMENT MONTHLY REPORT

April 2021



VILLAGE OF SCHAUMBURG

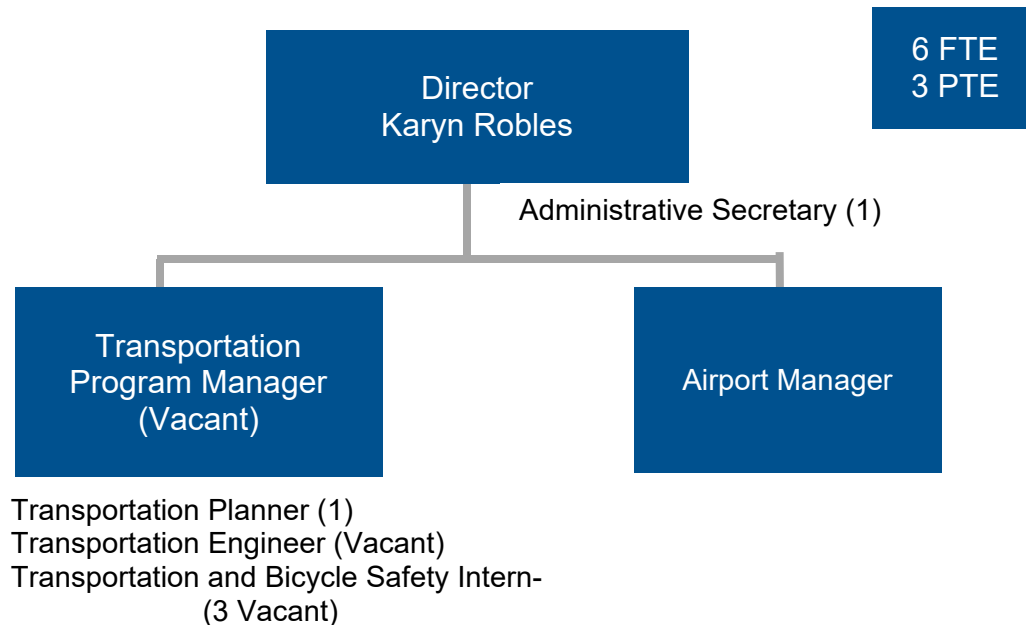
PROGRESS THROUGH THOUGHTFUL PLANNING



Contents

Organization Chart	1
Department Overview	1
Key Activities	2
Access Improvement Projects	2
Woodfield Road Improvements – Plum Grove Road to Meacham Road	2
North Meacham Road Streetscape Improvements	2
Transit Initiatives	2
Trolley	2
Dial-a-Ride Transportation (DART)	2
I-90 Transit Access Study	2
Metra Monthly Parking Management	3
Bicycle/Pedestrian Program	4
Adopt-a-Bike Path	4
Schaumburg Regional Airport	4
COVID-19 Update	4
Airport Runway Lighting Project	4
Monthly Performance	5
Transit System Ridership Trends	5
Key Performance Indicators	6
KPI 1: Monitoring and measuring ridership on Pace Suburban Bus services	6
KPI 2: Provide a variety of transit options that are well rated by riders	6
KPI 3: Ensure diverse utilization of the Schaumburg Regional Airport	7
KPI 4: Ensure the effectiveness of the Dial-A-Ride Transportation (DART) program	8
KPI 5: Improve traffic signal timing on major roadways in the Village of Schaumburg	9
NEW KPI 6: Monitor usage of the Schaumburg Commuter Parking Lot	10

ORGANIZATION CHART



DEPARTMENT OVERVIEW

The Transportation Department is responsible for the planning, operation, coordination and oversight of providing residents, employees and visitors with transportation options. Primary responsibilities include management of the Schaumburg Regional Airport, Dial-a-Ride Transportation (DART), Woodfield Trolley, coordination with Pace Suburban Bus on transit services, oversight of all traffic signal operations, Schaumburg Commuter Parking Lot and Rail Station, coordination of the village's Comprehensive Bikeways Plan and coordination of several disabled and senior citizen transportation services. Transportation staff is also responsible for overseeing and coordinating on large regional transportation projects such as the IL-390 and I-90 Jane Addams access improvements.

The Transportation Department also plays a key role in transportation planning throughout the region and represents the village on several regional transportation and planning committees. Staff represents the village on the Northwest Municipal Conference's Transportation Committee and Bicycle and Pedestrian Committee, Chicago Metropolitan Agency for Planning's Bicycle and Pedestrian Task Force, O'Hare Noise Compatibility Commission, DuPage Mayors and Managers Transportation Policy Committee, Pace's American with Disabilities Act (ADA) Suburban Committee, Regional Transportation Authority's and Pace's Citizen Advisory Boards, and the Tollway's IL-390 Local Advisory Committee.



KEY ACTIVITIES

Access Improvement Projects

Woodfield Road Improvements – Plum Grove Road to Meacham Road

This project will complete the reconstruction of Woodfield Road west of Meacham Road. Similar to the ongoing construction of Woodfield Road to the east, this project will include roadway reconstruction, drainage, lighting, pedestrian and bicycle facilities, and traffic signal upgrades. In April, property owner letters were mailed and meetings with property owners were scheduled as requested. The Phase I design is anticipated to continue through spring 2021.

North Meacham Road Streetscape Improvements

The North Meacham Road Streetscape Improvements project will improve the streetscape within the Meacham Road right of way between Algonquin Road (IL 62) and the I-90 (Jane Addams) Tollway. Work is currently underway to complete topographic survey and an easement review of the corridor in order to establish the existing right of way and easement limits. In April, survey work was completed and a review of the easements along the corridor was initiated.

Transit Initiatives

Trolley

At this time, the Trolley continues to be suspended through June 30, 2021. Village and Pace staff will continue to monitor conditions to determine a future date of reinstatement, and work together on a new operating agreement when that date is selected.

Dial-a-Ride Transportation (DART)

In April, the village exercised the first operating agreement extension with MV Transportation which began on May 1, 2021 and will last through April 30, 2022. Staff also presented an analysis of operations and customer survey data from Fiscal Year 2021. This data was used to assemble a performance evaluation of MV's operation of the DART service and was used to support the first operating agreement extension.

April's ridership of 3,497 was not as high as March's ridership, but is not too much lower. In general, daily ridership continues to rise as COVID-19 restrictions are reduced. Staff will continue monitoring daily ridership reports to determine if or when operating capacity should be increased.

I-90 Transit Access Study

Village of Schaumburg has received a State Planning and Research Grant from the Illinois Department of Transportation (IDOT) to complete an I-90 Transit Access Study. The study, which is being conducted in partnership with Pace, IDOT, and the Illinois Tollway, will evaluate opportunities to provide direct transit access to and from I-90 in

Transportation

Monthly Report – April 2021



VILLAGE OF SCHAUMBURG
PROGRESS THROUGH THOUGHTFUL PLANNING

order to reduce travel times and improve service efficiency between the I-90 corridor, the 90N District, and the Northwest Transportation Center.

During the month of April, GRAEF, USA, Inc. and sub-consultant SRF collected relevant documents and data so that they could assemble a background report and formulate a needs assessment. The village supplied GRAEF with planning documents, GIS, and engineering plans while Pace supplied GRAEF with planning documents from their current I-294 study and also additional GIS files. The next steps are for GRAEF and SRF to continue collecting background and field data and to also begin outreach to the Tollways and IDOT.

Metra Monthly Parking Management

Schaumburg Commuter Parking Lot purchases continue to remain low due to the pandemic. A number of commuters are still working from home and others are starting to commute only a few days per week. Though, commuter parking purchases continue to increase each month and according to Metra ridership statistics, the last few days of April were their highest ridership days since the beginning of the pandemic.

	Monthly Permits Sold	Quarterly Permits Sold	Active Permits		Daily Fee Purchased		Approx. Weekday Usage*
Apr-19	188	562	750		5,272		1,006
May-19	179		741		5,800		969
Jun-19	162		724		5,595		965
Jul-19	185	563	748		5,782		972
Aug-19	188		751		6,362		959
Sep-19	208		771		5,575		979
Oct-19	186	558	744		6,041		983
Nov-19	182		740		5,062		951
Dec-19	168		726		3,878		914
Jan-20	166	570	736		5,030		944
Feb-20	170		740		4,898		967
Mar-20	173		743		2,449		843
Apr-20	6	40	46		144		52
May-20	2		42		130		47
Jun-20	7		47		300		61
Jul-20	10	22	32		445		50
Aug-20	8		30		436		49
Sep-20	13		35		476		54
Oct-20	10	29	39		469		58
Nov-20	9		38		323		53
Dec-20	9		38		274		49
Jan-21	8	23	31		327		45



Feb-21	10	28	33		349		49
Mar-21	10		33		558		54
Apr-21	8		36		574		60
May-21	11		39				
Jun-21	1		29				
*Weekday Usage = Permits + Average of Daily Fee Purchased Per Weekday							
Data through 4/30/2021							

Bicycle/Pedestrian Program

Adopt-a-Bike Path

In April, two groups cleaned up bike paths on April 24. U.S. Waterproofing cleaned up Remington Road between Roselle Road and Meacham Road and the Schaumburg Bike Club cleaned up Wise Road between Salem Drive and Springinsguth Road.

Bike paths can be adopted by individuals, organizations, and businesses with the only expectation that the bike path is cleaned at least two times per year. The village supplies safety vests, gloves, grabbers, and garbage bags at no cost. This is an excellent volunteer opportunity. Thank you to all our volunteers.

Schaumburg Regional Airport

COVID-19 Update

Schaumburg Regional Airport is continuing to monitor reports and recommendations from local, state, and national health agencies regarding COVID-19. The Airport and Terminal building are still open and available to pilots, but social distancing and face masks are required when necessary. External groups will be allowed to resume meeting at the Airport starting May 15, 2021. An email to all meeting room users has been sent notifying them to wear their masks at all times and to follow all CDC guidelines.

Northwest Flyers has begun summer operating hours of Monday-Sunday 8:00am – 8:00pm. They will also be available to keep the terminal open for meeting room rentals up to 10:00pm daily.

Airport Runway Lighting Project

Airport staff has begun the process of acquiring quotes for the planning/engineering phase of the Airport Runway Lighting Project. The Runway Lighting Project is the next approved project to be completed at the Airport. This is a project that will be funded using 95% federal funding, 5% state funding and 5% local funding. Federal Entitlement Funds will be used in this project. All runway lights, wiring, and PAPIs will be replaced with high efficiency replacements. Every 20 years IDOT recommends a full replacement of runway lights and wiring to avoid major outages. The planning/engineering phase is expected to be completed in 2021-2022 and construction is scheduled to move forward in 2022-2023.

Transportation Monthly Report – April 2021



VILLAGE OF SCHAUMBURG
PROGRESS THROUGH THOUGHTFUL PLANNING

Monthly Rent	February	March	April
Hangar	\$25,782.23	\$27,472.00	\$26,432.23
Tie Down	\$1,170.00	\$1,210.00	\$1,260.00
Terminal Building Rent	\$13,229.15	\$13,229.15	\$13,229.15
Activity Summary	February	March	April
Self Service Fuel	1	6	4
Purchased Fuel From the FBO	1	6	12
Ate at Pilot Pete's	0	0	46
Just Visiting	2	2	25
Stayed Overnight	1	1	7
Rented a Car	0	0	1
Businesses	0	0	0
Deliveries	4	4	11
Maintenance	1	1	0
Charter	0	0	0
Pattern Work	1	1	4
Special Events	0	0	0
Total Visitors	14	61	88

MONTHLY PERFORMANCE

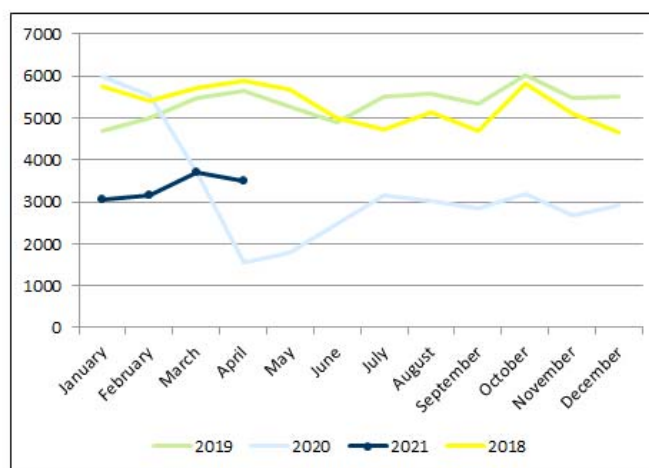
Transit System Ridership Trends

Currently, Pace is not providing ridership figures for any of its routes serving Schaumburg which are normally highlighted on the Transit System Ridership Trends table; therefore, that table will not be included in this report until ridership statistics become available again.

DART RIDERSHP

Monthly Cumulative Ridership Totals

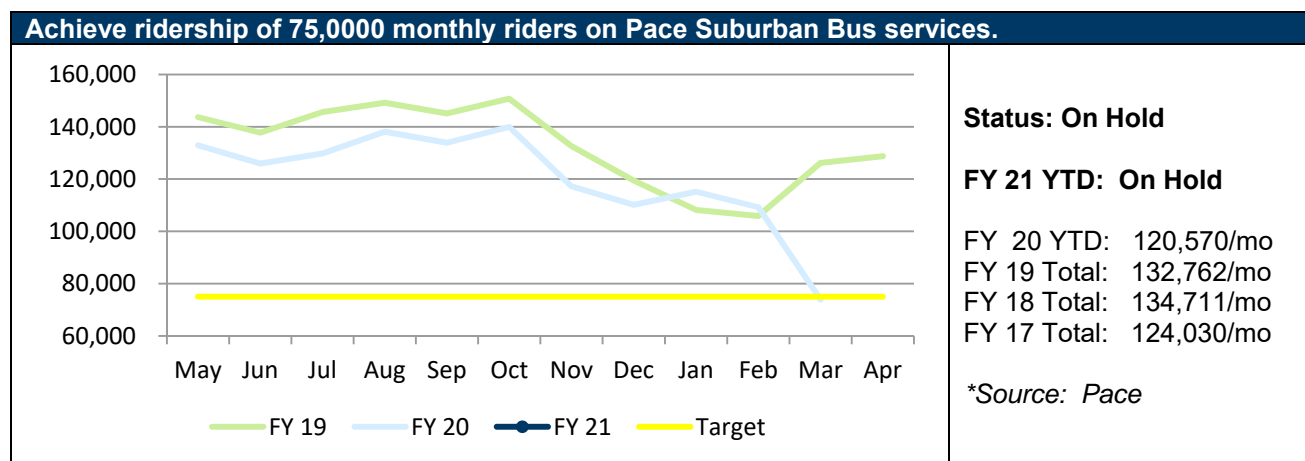
	2018	2019	2020	2021
January	5,752	4,677	5,999	3,051
February	5,420	4,991	5,535	3,142
March	5,709	5,469	3,712	3,691
April	5,901	5,632	1,558	3,497
May	5,690	5,259	1,803	
June	4,994	4,883	2,463	
July	4,730	5,521	3,138	
August	5,118	5,578	3,002	
September	4,691	5,331	2,862	
October	5,803	6,036	3,180	
November	5,111	5,465	2,661	
December	4,650	5,512	2,918	
YTD	63,569	64,354	38,831	13,381



KEY PERFORMANCE INDICATORS

KPI 1: Monitoring and measuring ridership on Pace Suburban Bus 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 to monitor transit ridership on all Pace Suburban bus routes. Ridership on these routes has been severely impacted by the pandemic and the target has been reduced to 75,000 after a previous target of 130,000.



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

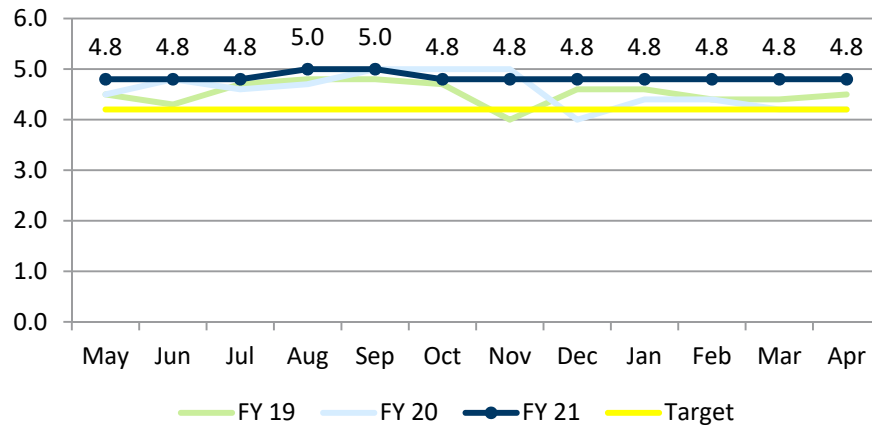
Schaumburg offers Dial-A-Ride and the Schaumburg Trolley to residents, employers, employees and visitors. Results from customer satisfaction surveys to these patrons will determine the level of customer satisfaction with services. Short-form customer surveys tracking basic performance and quality of service indicators for DART and the Trolley 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.

Transportation Monthly Report – April 2021



VILLAGE OF SCHAUMBURG
PROGRESS THROUGH THOUGHTFUL PLANNING

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



Status: Ahead of Target

FY 21 YTD: 4.8/5.0

FY 20 Total: 4.6/5.0

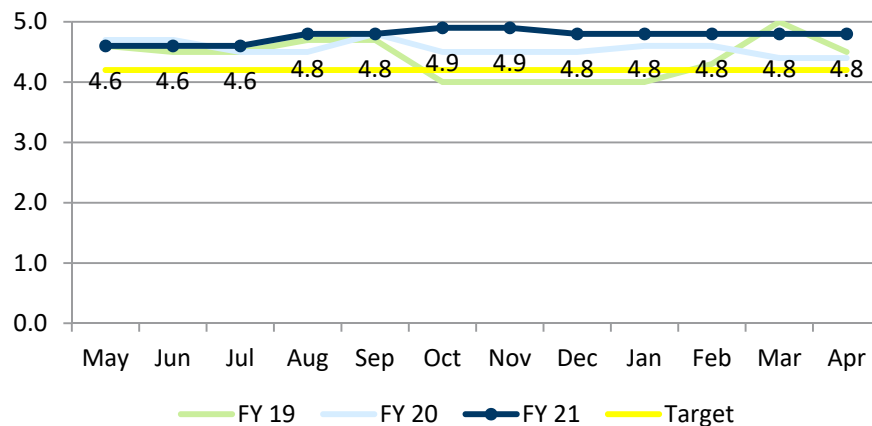
FY 19 Total: 4.5/5.0

FY 18 Total: 4.1/5.0

FY 17 Total: 3.7/5.0

**Source: Survey Data*

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



Status: Ahead of Target

FY 21 YTD: 4.8/5.0

FY 20 Total: 4.6/5.0

FY 19 Total: 4.4/5.0

FY 18 Total: 4.3/5.0

FY 17 Total: 4.3/5.0

**Source: Survey Data*

KPI 3: Ensure diverse utilization of the Schaumburg Regional Airport.

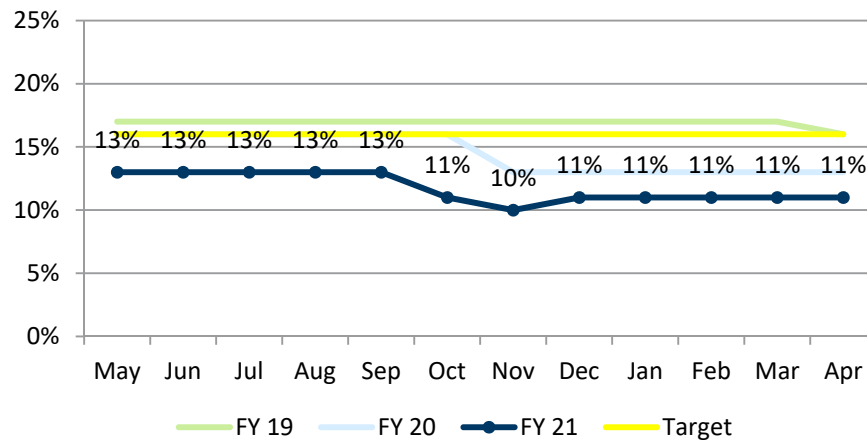
Schaumburg Regional Airport (SRA), which generates \$19 million in local economic impact annually, is home to five businesses, approximately 90 aircraft, and handles roughly 35,000 operations on an annual basis. This KPI tracks public education and outreach in and around Schaumburg by counting the number of people participating in tours of the airport and monitors the number of pilots visiting the airport each month to gauge success and health of this valuable village-owned asset.

Transportation Monthly Report – April 2021



VILLAGE OF SCHAUMBURG
PROGRESS THROUGH THOUGHTFUL PLANNING

Maintain an occupancy rate for 150 tie-down spaces at 16%.



Status: Below Target

FY 21 YTD: 12%

FY 20 YTD: 15%

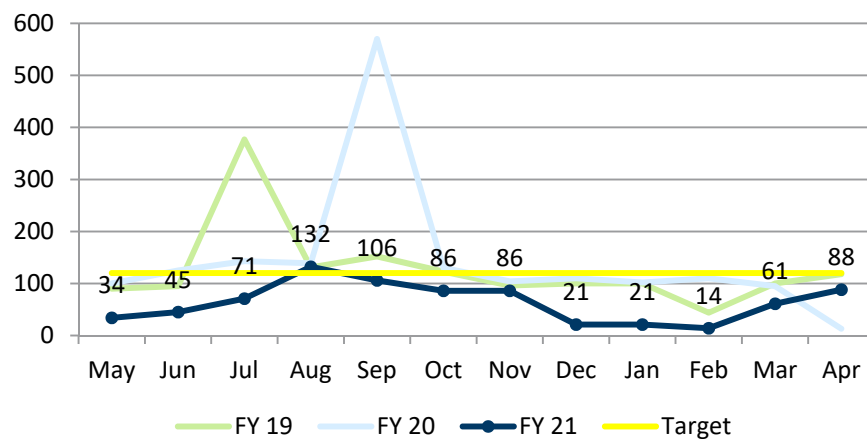
FY 19 Total: 17%

FY 18 Total: 17%

FY 17 Total: 17%

**Source: Airport Data*

Attract 120 visitors to the airport each month.



Status: Below Target

FY 21 YTD: 64/mo

FY 20 YTD: 145/mo

FY 19 Total: 127/mo

FY 18 Total: 169/mo

FY 17 Total: 136/mo

**Source: Airport Data*

Benchmark	FY 21/22 Target	Measured
Percent of Airport Hangars Occupied	100%	Monthly
Hangar waitlist number	95	Monthly

Source: Airport Data

KPI 4: Ensure the effectiveness of the Dial-A-Ride Transportation (DART) program.

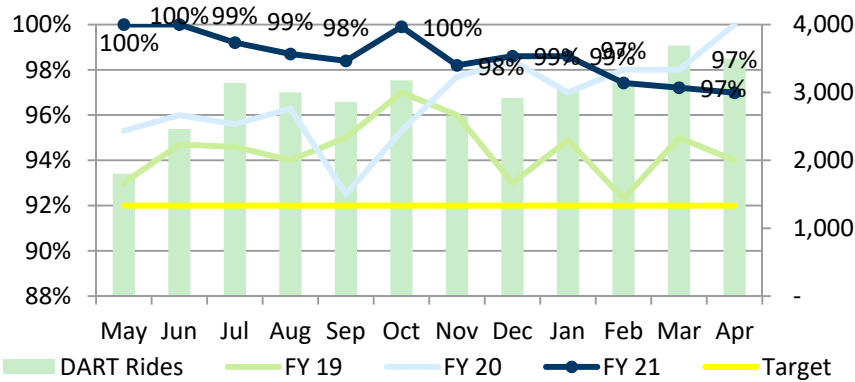
DART is Schaumburg's most significant village-funded transit service offering. The vast majority (approximately 87%) of the roughly 65,000 annual DART customers are Village of Schaumburg residents and 85% of rides are to locations within the village's municipal boundaries that stretch more than 10 miles 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 measures the convenience of travel in Schaumburg by monitoring DART's operational effectiveness in terms of the percentage of 90-minute ride quotes provided, on-time pick-up performance, and maximum ride length of 45 minutes.

Transportation Monthly Report – April 2021



VILLAGE OF SCHAUMBURG
PROGRESS THROUGH THOUGHTFUL PLANNING

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



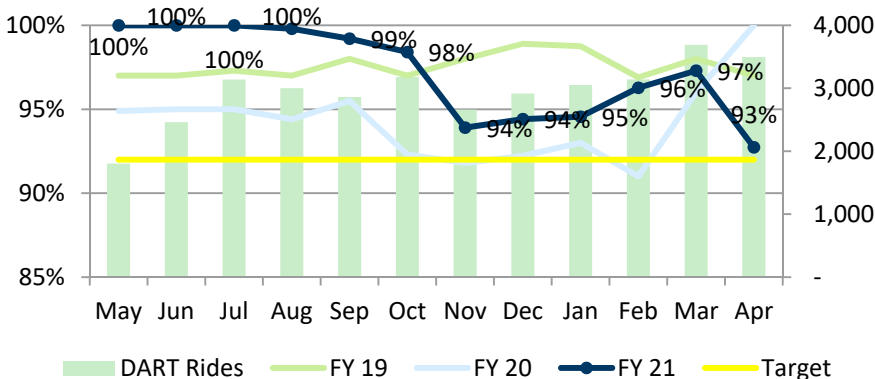
Status: Ahead of Target

FY 21 YTD: 98%

FY 20 Total: 96%
FY 19 Total: 94%
FY 18 Total: 94%
FY 17 Total: 92%

**Source: Operational Reports Provided by MV Transportation*

Provide 92% of DART ride quotes within 90 minutes.



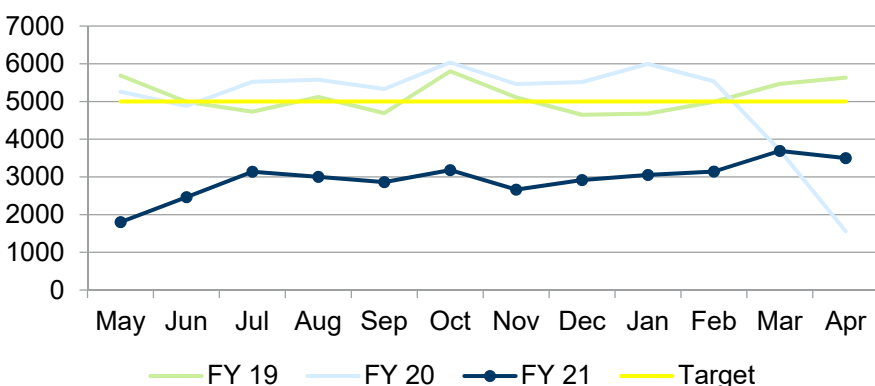
Status: Ahead of Target

FY 21 YTD: 97%

FY 20 Total: 94%
FY 19 Total: 98%
FY 18 Total: 96%

**Source: Operational Reports Provided by MV Transportation*

Provide 5,000 of DART rides per month.



Status: Behind Target

FY 21 YTD: 2,951

FY 20 Total: 5,032
FY 19 Total: 5,130

**Source: Operational Reports Provided by MV Transportation*

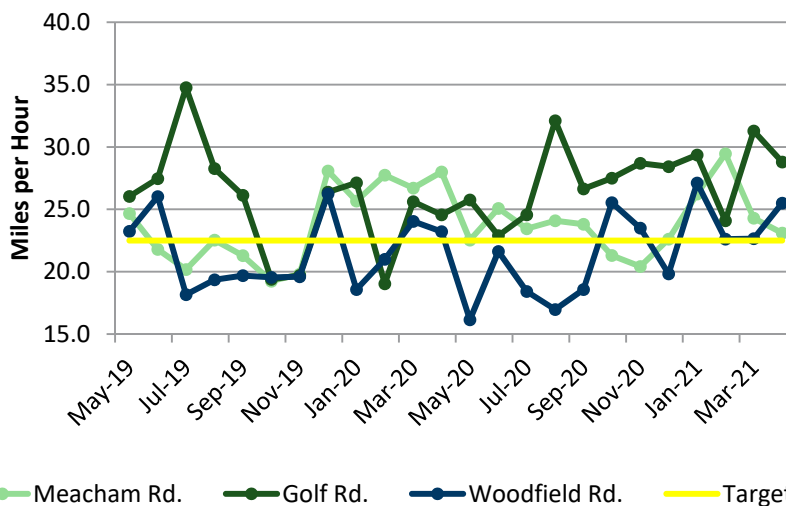
KPI 5: Improve traffic signal timing on major roadways in the Village of Schaumburg.

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 and traffic flow. This KPI is connected to evaluating the effectiveness of newly deployed video detection traffic signal systems and develop an implementation plan for expanding new traffic signal technologies in order to reduce congestion.

Maintain an average travel speed of 22.5 mph on measured roadways.



Status: Ahead of Target

FY 21 YTD: 24.3 mph

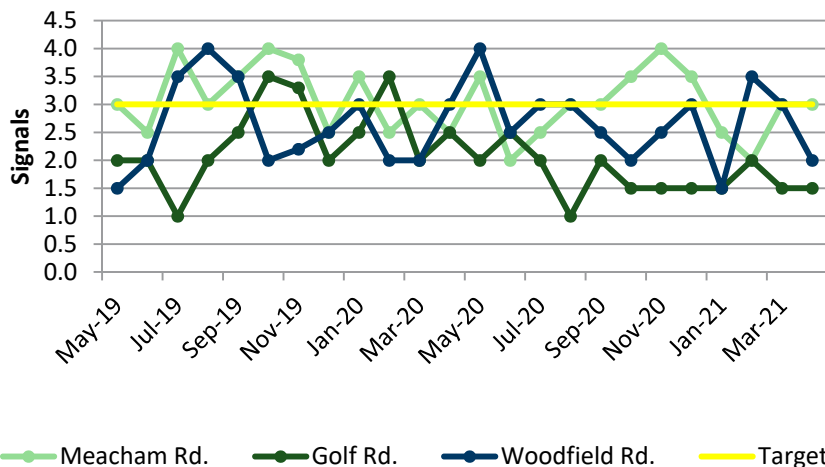
FY 20 Total: 23.6 mph

FY 19 Total: 23.2 mph

FY 18 Total: 22.3 mph

**Source: Staff Observation*

Maintain the number of times stopped at a signal on measured roadways at 3.



Status: Ahead of Target

FY 21 YTD: 2.5

FY 20 Total: 2.7

FY 19 Total: 2.6

FY 18 Total: 2.6

**Source: Staff Observation*

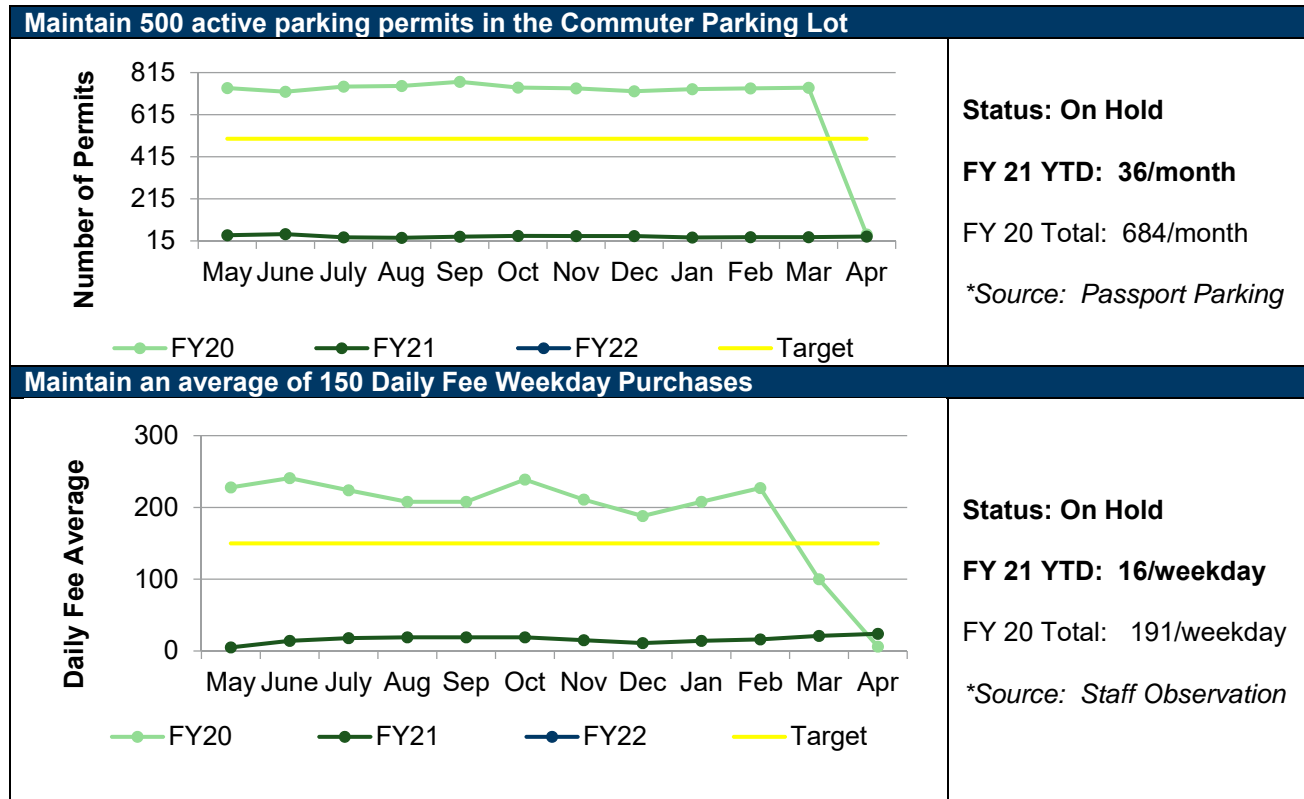
NEW KPI 6: Monitor usage of the Schaumburg Commuter Parking Lot

The Schaumburg Commuter Station is the largest Metra station on the Milwaukee District West Line when measured by the number of passengers. Providing multiple ways for the passengers to commute to the station is a key to continuing to grow ridership. This KPI will measure the number of active parking permits, the average number of weekday daily fee parking purchases, the average number of weekday DART drop-offs, and the average number of bikes parked in the bike racks or bike lockers. All targets in this KPI are based on about 75% of the number of users the village was seeing pre-COVID.

Transportation Monthly Report – April 2021



VILLAGE OF SCHAUMBURG
PROGRESS THROUGH THOUGHTFUL PLANNING



Benchmark	FY 2021/22 Target	Measured
Average Daily Weekday DART Drop-Offs	10	Monthly
Source: Operational Reports Provided by MV Transportation		

Benchmark	FY 2021/22 Target	Measured
Average Daily Bike Rack & Bike Locker Usage	10	Monthly
Source: Staff Observations		