



TECHNICAL ADVISORY COMMITTEE

October 9, 2019



Central Florida Commuter Rail Commission

Technical Advisory Committee

Date: October 9, 2019
Time: 2:00 p.m.
Location: LYNX Central Station
2nd Floor Multi-Purpose Room
455 North Garland Avenue
Orlando, Florida 32801

PLEASE SILENCE CELL PHONES

I. Call to Order and Pledge of Allegiance

II. Confirmation of Quorum

III. Action Items

- a. Adoption of August 7, 2019 Meeting Minutes
- b. Approve Proposed 2020 Meeting Dates

IV. Public Comments

Comments from the public will be heard pertaining to General Information on the agenda for this meeting. People wishing to speak must complete a "Speakers Introduction Card" at the reception desk. Each speaker is limited to two minutes.

V. Chair's Report – Ms. Olore

- a. Transition Working Group Update

VI. Discussion Items

- a. SunRail Staff Update – Mike Heffinger, FDOT/SunRail Chief Operating Officer
 - b. Agency Update – Mike Heffinger, FDOT/SunRail Chief Operating Officer
 - c. Bus Connectivity
-



Central Florida Commuter Rail Commission Technical Advisory Committee

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- i. LYNX – Tomika Monterville, Director of Planning & Development
 - ii. Votran – Rob Stephens, General Manager

VIII. Committee Member Comments

IX. Next Meeting - Proposed

January 16, 2020
1:00 p.m.
LYNX Central Station
455 N. Garland Ave.
2nd Floor Multi-Purpose Room

X. Adjournment

Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability or family status. Persons who require accommodations under the Americans with Disabilities Act or persons who require translation services (free of charge) should contact Roger Masten, FDOT/SunRail Title VI Coordinator 801 SunRail Dr. Sanford, FL 32771, or by phone at 321-257-7161, or by email at roger.masten@dot.state.fl.us at least three business days prior to the event.

Technical Advisory Committee Meeting

August 7, 2019

2:00 p.m.

LYNX Central Station
Second Floor Multi-Purpose Room
455 North Garland Avenue
Orlando, Florida

Attendees

Tawny Olore, Osceola County
Billy Hattaway, City of Orlando
Bill Wharton, Seminole County
John Angiulli, Volusia County
Andrew Landis, City of DeBary
Jordan Smith, City of Sanford
Shad Smith, City of Longwood
Alisha Maraviglia, City of Altamonte Springs
Alyssa Eide, City of Maitland
Don Marcotte, City of Winter Park
Nabil Muhaisen, City of Kissimmee

Tomika Monterville, LYNX
Rob Stephens, Votran
Nick Lepp, MetroPlan Orlando
Nicola Liquori, FDOT
Patricia Ruffino, FDOT
Roger Masten, FDOT
Steve Olson, FDOT
George Gault, AECOM
Rick Tonet, AECOM
Mark Calvert, Evolve Today
Andrea Ostrodka, Lochner0

Minutes

Meeting was called to order by TAC Chair, Tawny Olore, at 2:00 p.m.

Pledge of Allegiance

Quorum was met

Introductions

Action Items:

Presenter: Tawny Olore

- **Adoption of Meeting Minutes:** A motion to adopt the meeting minutes from May 9, 2019 was made. The meeting minutes were adopted unanimously.
- **Adoption of Meeting Minutes:** A motion to adopt the meeting minutes from June 6, 2019 was made. The meeting minutes were adopted unanimously.

Public Comment

- David Bottomley noted that he boarded at SandLake Station and assisted passengers to connect with LYNX #111 and stated the difficulty they were having with the connection.
- Joanne Counelis requested weekend, holiday, and 24--hour train service. She also advocated for the completion of service to Deland, service to the airport, and close the 3-hour gap.

Agenda Item: Chairman's Report

Presenter: Tawny Olore

- CFCRC met on July 18, 2019
 - The Commission approved a Lease.
 - The Transition Working Group met with FDOT in July. The next meeting is scheduled in late August.
 - The next CFCRC meeting will be August 29th.

Agenda Item: Agency Update

Presenter: Nicola Liquori

- Ms. Liquori stated the Committee is not required to review, approve and oversee the information that was provided as it is not the purpose of the TAC. The documents were provided as a result of a request from the June 6th meeting but FDOT will not be covering the information today.
- CFRC/SunRail Staff Update
 - There have been no staff changes since the Committee's last meeting.
 - A couple of positions with the General Consultant that are in the process of being vetted. One is for the Director of Operation. The Superintendent of Operations, Tom Fortune, is retiring. Another is for the Manager of Safety and Security, Pam McCombe, has moved to another firm leaving the position vacant. The expectation is to have the position filled within the next 4-6 weeks. Lois Earle on staff is serving in the interim role.
 - The Chair inquired about the status of filling the vacancy of the COO.
 - Ms. Liquori provided the position is vacant and will be advertised after changes to the position description are complete.
- Information contained in the meeting materials:
 - FRA/PTC Quarterly Report
 - A quarterly meeting with the FRA is scheduled on August 22nd
 - FTA is scheduled to conduct a site visit on August 16th. Their team will be looking at Phase I and Phase II South as the FFGA is closing out.
- Triennial Audits
 - The State Safety Office conducted an audit May.
 - The review was conducted on all levels of operations. FDOT staff, consultant oversight staff, and Contract operators were interviewed.
 - Documentation of the vehicle maintenance is thorough.
 - Documentation of the system and operations to ensuring compliance with Standard Operating Procedures
 - The Financial Triennial will be conducted in September
 - As a recipient of Federal 5307 funds
 - FRA inspections on a regular basis
 - Inspectors look at equipment, maintenance of way, and observe crews

- Phase II North was discussed at the July CFCRC meeting
 - The project was discussed. As Secretary Thibault presented at the May CFCRC meeting, FDOT is looking at the Federal Redistribution process.
 - At the end of every Federal Fiscal Year, not all highway funds are utilized by all 50 states. Those states that have consumed all of their obligating authority, they have the opportunity to submit to Federal Highways for excess funds that will be redistributed from the unused funding.
 - FDOT submitted for the Federal funding for Phase II North. The submission was due July 17th. The full amount of funds is unknown until the Federal Fiscal Year closed days leading up to the August CFCRC meeting.
 - The budget authority was completed last week to transfer the funds from highway funds to transit funds.
- Onboard Statistics
 - Boarding by Stations
 - FY19 from June 2018 through July 2019 was provided
 - The Boarding Share Calculation is included in the meeting materials.
 - Volusia County had approximately 7% of the overall boardings for the Fiscal Year
 - Seminole County had approximately 20% of the overall boardings for the Fiscal Year
 - City of Orlando had approximately 33% of the overall boardings for the Fiscal Year
 - Orange County had approximately 24% of the overall boardings for the Fiscal Year
 - Osceola County had approximately 15% of the overall boardings for the Fiscal Year
 - Average Daily Ridership
 - Information was provided for the months of May and June 2019
 - June average daily ridership was approximately 6,500
 - Average Daily ADA Ridership
 - Information was provided for the months of May and June 2019
 - This ridership is a recording of the passengers needing assistance by the Conducts in the operations of the trains
 - This ridership does not represent riders utilizing reduced fare
 - Average Daily Bicycle Ridership
 - Information was provided for the months of May and June 2019
 - Bike riders continue to increase with an average daily of 236
 - Staff is analyzing the locations with the highest usage of bicycle by train
 - Staff conducted an industry scan to determine what other Commuter Rails. Are they allowing bikes on board, preclude bikes during peak periods, and the types of bike accommodations
 - Boardings & Alightings
 - Information was provided for August 20, 2018 through June 30, 2019
 - AM Peak consists of 7 trains/14 trains round-trip
 - Trends continue to be consistent with the outermost stations are receiving the morning boarding with alightings in downtown
 - As expected with the opening of the Southern Expansion, there has been a shift of boardings from the Sand Lake to Meadow Woods Station
 - Pm Peak shows the reverse commute
 - Off Peak representing the non-traditional work schedule, use for specific events or for leisure
 - The Winter Park Station has done well over the last year
 - LYNX Central and Church Street has done well with the downtown special event ridership
 - The opening of the UCF/Valencia downtown campus will show off peak increased ridership
 - On-Time Performance
 - On-Time Performance was provided from inception and current month

- Actual on-time performance is reported as it relates to any incidents, mechanical issue or trespass incident
- The on-time performance in the month of June was 91%; however, considering the number of issues that month not attributable to the Operator, the Contractual on-time performance was 99.1%
- Customer Service Statistics
 - Information was provided for the months of May and June 2019
 - There is nothing unusual with the distribution of calls
 - Complaints remain less than 1%
- Ridership Information Available Online
 - In a continued effort to provide more ridership information, located online is ridership by stations, by month, and now by train
 - SunRail.com/About/Train Information
- Marketing Goals for 2019
 - Increase in ridership to 1.5M
 - Currently ridership is 62% of the end of the calendar year goal
 - Ridership is up 80% over the previous year
 - Special service
 - SB P341 ran at 10:30 August 6th for the soccer game and had 86 riders
 - NB P340 running its normal service had an additional 80 to 100 more riders than normal ridership
 - Increase SunCard Usage
 - The App was launched mid-May with approximately 9K downloads to date
 - Pass purchases have increased
 - A new calculator tool will be launched on the website to assist riders that purchase the daily paper tickets to recognize the value of money or time in purchasing either a SunCard with a stored value or SunCard with pass product
 - Promote Connectivity
 - Choo Choo to the Zoo is ending soon
 - Sanford shuttle to the Zoo had an average of 130 riders per week which increased the SunRail ridership
 - The Kissimmee Connector has increased ridership
 - UCF/Valencia downtown campus has approximately 8k faculty, staff and students
 - Promote “Try the Train”
 - Approximately 800 passes have been distributed
 - The program was expanded to include FAMU’s 250 faculty, staff and students
- Grade Crossing Incidents by City/County
 - Information was provided for the months of May and June 2019
 - After-action meetings are conducted after incidents to review if additional signage is needed, outreach, and traffic control devices
 - Law enforcement engagement is a key component for reducing incidents
- Safety and Security
 - Grant by Operation Lifesaver and FRA
 - Awarded one of 10 grants nationally
 - Delivering a safety message in a fun and engaging way by launching a mobile photo booth
 - Scheduling with schools, stations and popular destinations near the corridor
 - Additional Corridor Signage
 - Wrapped additional signal boxes at Pine St. and Holden Ave. crossings
 - Installing crisis signs along the corridor
 - Signal work along the corridor
 - Information was provided for the months of May and June 2019
 - Weather is a large factor affecting the equipment
 - Enhancements Underway

	<ul style="list-style-type: none"> ▪ Installing wind guards on the gates ▪ Implementing aluminum gates that are lighter weight and able to withstand stronger weather conditions ○ Parking Lot Usage <ul style="list-style-type: none"> ▪ Information was provided from February through the first of July 2019 for the 11 stations with parking availability <ul style="list-style-type: none"> ➤ Kissimmee has a parking deck that is utilized for SunRail parking but is not a SunRail parking facility ○ On-Time Performance by Average <ul style="list-style-type: none"> ▪ Additional detailed information was provided for the months of May and June 2019 ○ Budget Update <ul style="list-style-type: none"> ▪ With the end of FY19, the financial information will be shown on an accrual basis for FY20 ▪ System Operating Revenue <ul style="list-style-type: none"> ➤ The total operating revenue FY19 was \$17.6M utilized for funding the system operating costs ▪ System Operating Costs, Capital Maintenance and Consultant Support <ul style="list-style-type: none"> ➤ The direct System Operating Costs for FY19 was \$38.2M ➤ Additional reporting includes the Feeder Bus Expenses, Capital Maintenance and Consultant Support <ul style="list-style-type: none"> ▪ The Chair inquired as to the pay-out for Capital Maintenance versus the budget and weather there were projects not completed ▪ Ms. Liquori provided the Capital Maintenance funding category is funds that are available for projects. The budgeted amount is not presented as what the expenditure is expected to be rather what is Programmed for Capital Maintenance. Some Capital Maintenance that is done is incorporated in the maintenance paid to Amtrak for heavy vehicle maintenance, Bombardier has a scope of work that is considered to be capital maintenance such as replacing fencing, rail, and ties. The Programmed funds is available for use on either preventative maintenance or capital projects. ▪ Ms. Liquori stated the 5-year Capital Plan will provide the projects that are being considered and funded from another source or from the Capital Maintenance fund which does not expire. ▪ Member, John Angiulli, stated his interest in the St. Johns draw bridge. He stated he has a 2018 inspection report that isn't current. ▪ Ms. Liquori provided the 2018 report is the most current report. Currently, repairs are underway for the bridge to address items listed in the report. An inspection will occur after repairs.
Agenda Item: LYNX Bus Connectivity	<p style="text-align: right;">Presenter: Tomika Monterville</p> <ul style="list-style-type: none"> • Transitioning of Automatic Vehicle Locator (AVL) and Computer Aided Dispatch (CAD) system • Some ridership information is not reported as the Automatic Passenger Counts (APC) have not been installed on all buses yet.
Agenda Item: Votran Bus Connectivity	<p style="text-align: right;">Presenter: Rob Stephens</p> <ul style="list-style-type: none"> • The ridership is modest but increased since inception. • From FY18 to FY19 ridership has increased 20/25% • Votran is reviewing efficiencies and effectiveness throughout the system • A rider survey and boardings and alightings studies will be conducted
Agenda Item: Quiet Zone Update	<p style="text-align: right;">Presenter: George Gault</p> <ul style="list-style-type: none"> • Mr. Gault provided that quiet zones are approximately 95% complete • Signal enhancements have been completed by 5 of the 6 partners • Orange County civil improvements are scheduled to be completed by mid-August • City of Edgewood anticipates their quiet zone effective mid-September • City of Kissimmee has a grade crossing that requires some work

- City of Winter Park and City of Orlando also have some additional quiet zone improvements that are not part of the FDOT project that remains
- Seminole County and City of Maitland has some civil improvement yet to be completed

Agenda Item: Positive Train Control Update

Presenter: Rick Tonet

- Mr. Tonet provided the Revenue Service Demonstration on the test track has been completed
- Currently, 32 of the 40 daily trains are running with PTC enabled
- Testing will begin on the remainder of the corridor and on schedule to complete testing by November
- The full corridor will be in Revenue Service Demonstration in November
 - The Chair inquired if the back-office was operating
 - Mr. Tonet responded that it is

Committee Member Comments:

- *Committee member, John Angiulli, spoke to the table created regarding Operational information/documentation.*
 - *Ms. Liquori provided that FDOT responded to the table in the additional column and documents that were available were provided. By way of example, the table included establishing the amounts and categories of system fares. The fare policy was established, presented, and adopted. The fare policy has not changed. While the table was created from a line item in the Operating Agreement, if documentation does not exist it cannot be provided.*
- *The Chair questioned the Conduent device availability in the month of June.*
 - *Ms. Liquori stated the report has explanatory information at the bottom of the report.*
 - *Mr. Angiulli asked if the Conduent system had been accepted.*
 - *Ms. Liquori stated there are deliverables remaining. Some of the system functionality relates to multi-agency between SunRail and LYNX.*
- *The Chair inquired on behalf of Commissioner Janer about the Phase II South Noise Assessment*
 - *Ms. Liquori stated that Commissioner Janer mentioned the matter at the CFCRC meeting. Staff will review the documentation.*
- *Committee member, Andrew Landis, inquired about the NB 3-hour gap and the possibility of making a change.*
 - *Ms. Liquori provided staff reviewed the ridership statistic and customer feedback. The feedback included the 3-hour gap and hospital workers shift ending at 7:00 pm. The P338 departs Poinciana at 6:55 pm. We are reviewing moving that train 30-minutes later. By doing so, it would better accommodate the hospital shift and reduce the gap. At this time, the evaluation is not complete and welcome any customer feedback provided by any of the Committee members.*

Meeting adjourned: 3:15 p.m.

Next meeting: Scheduled for Wednesday, October 9, 2019 at 2:00 p.m., LYNX Central Station, Second Floor Open Space, 455 N. Garland Avenue, Orlando

TITLE VI

This meeting, project, or study is being conducted without regard to race, color, national origin, age, sex, religion, disability or family status. Persons wishing to express their concerns relative to FDOT compliance with Title VI may do so by contacting:

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JACQUELINE PARAMORE

State Title VI Coordinator
605 Suwannee Street, Mail Station 65
Tallahassee, Florida 32399-0450



SunRail.com



ACTION ITEMS

A. Adopt Meeting Minutes: 8/7/19

B. Approve Proposed 2020 Meeting Dates

PUBLIC COMMENTS



CHAIR'S REPORT

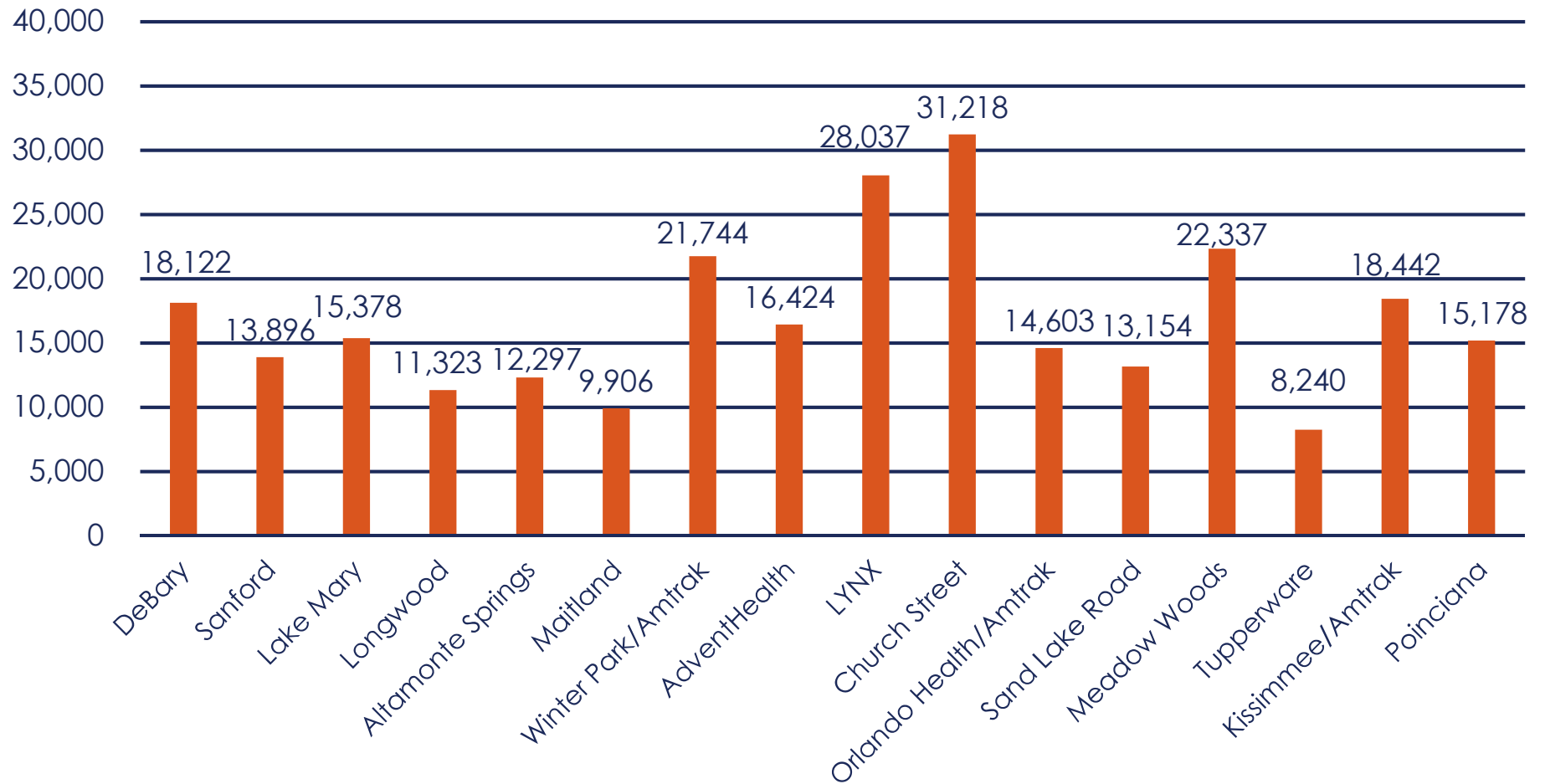
Ms. Tawny Olore



AGENCY UPDATE

Mr. Mike Heffinger

BOARDINGS BY STATION



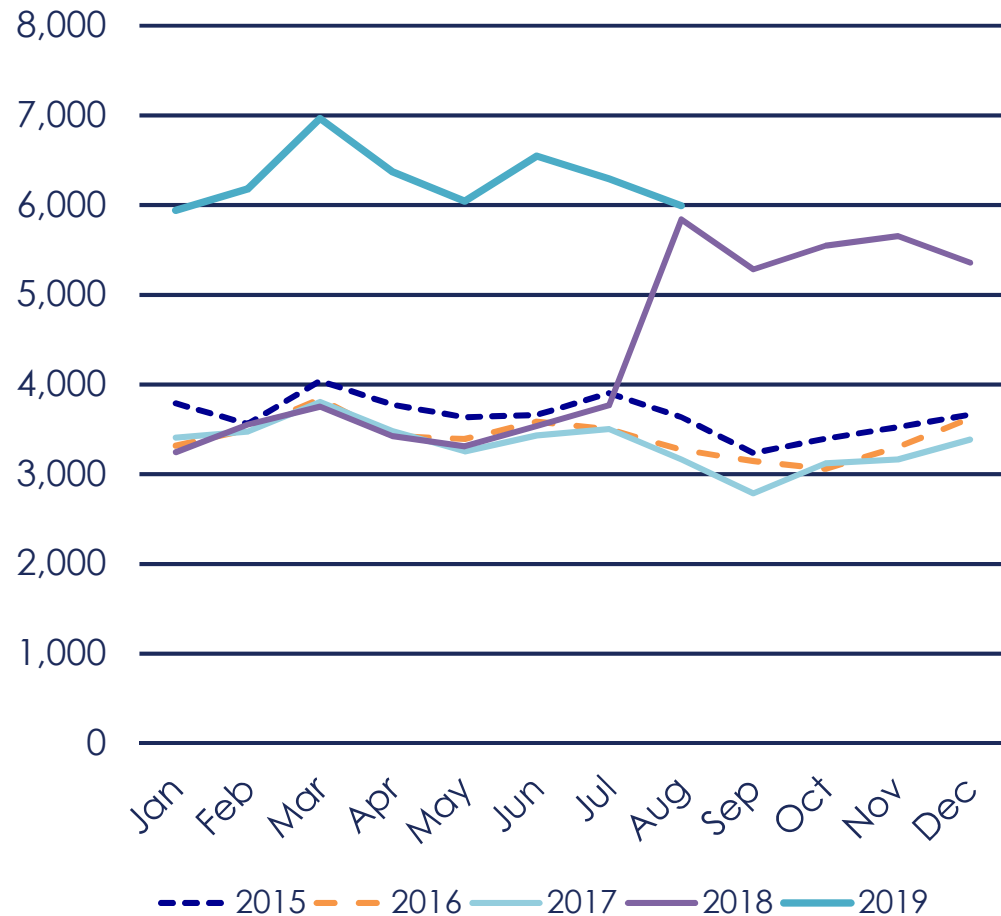
Ridership July 2019 through August 2019



AVERAGE DAILY RIDERSHIP

2019 AVERAGE DAILY RIDERSHIP BY MONTH

JUL 6,294
AUG 5,992

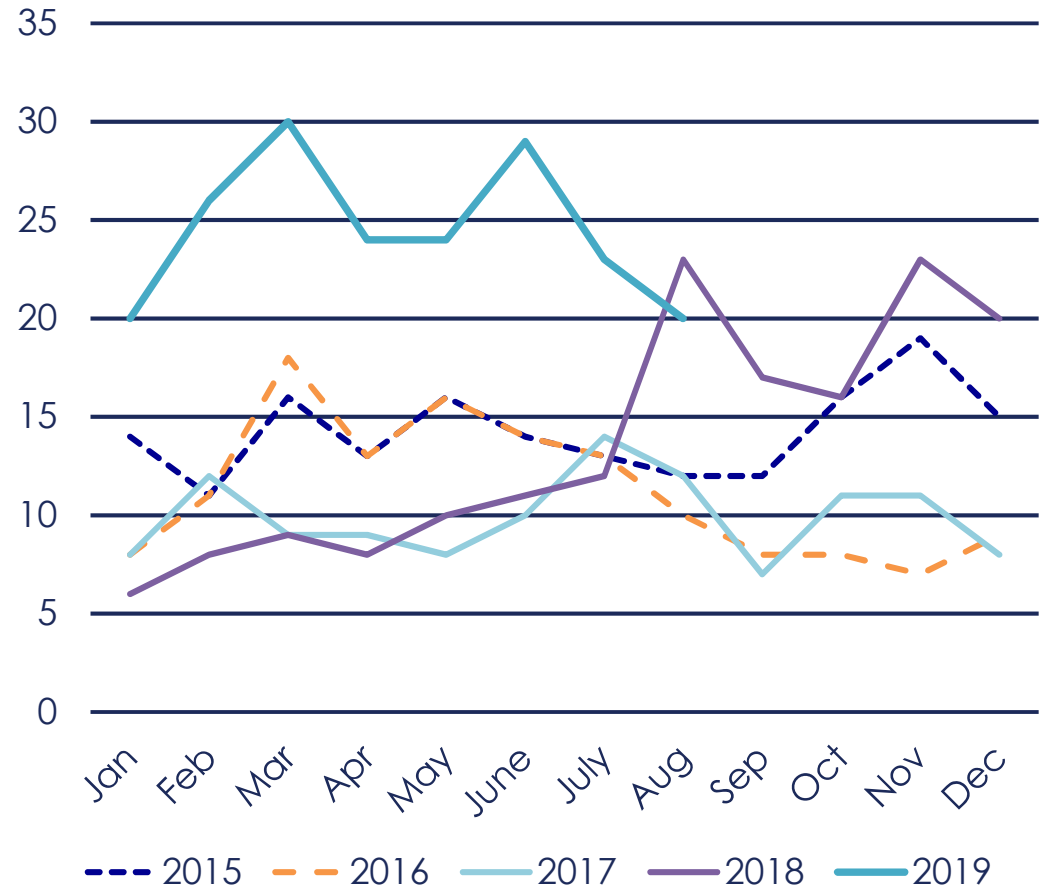


ONBOARD STATS

JUL-AUG
AVERAGE DAILY
ADA

22

RIDERS BY MONTH

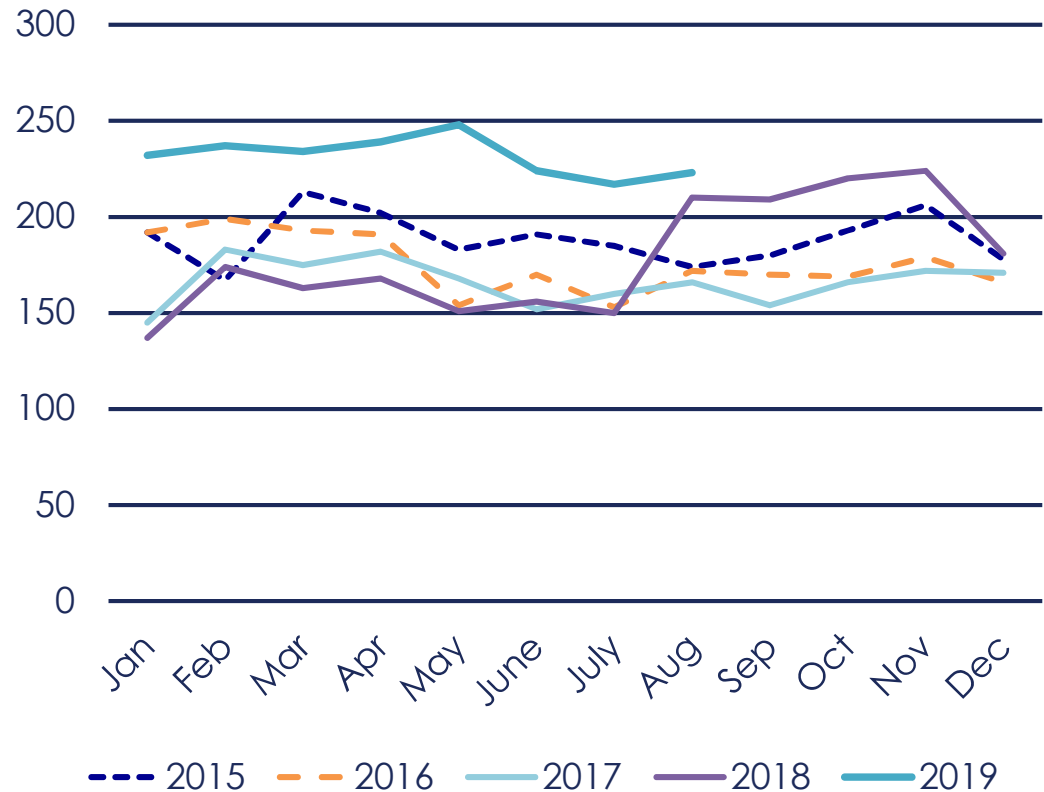


ONBOARD STATS

JUL-AUG
AVERAGE DAILY
BICYCLE

220

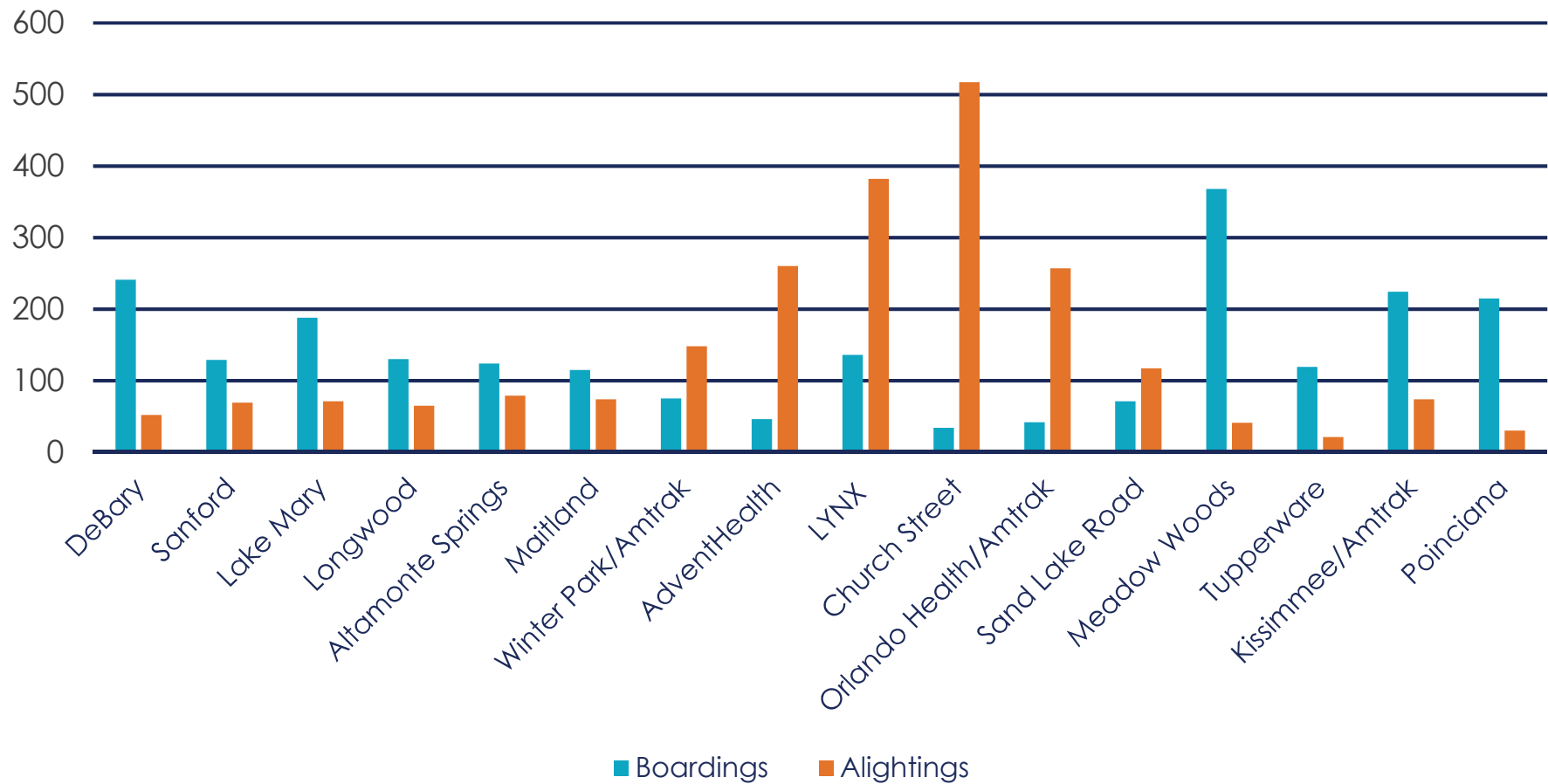
RIDERS BY MONTH



BOARDINGS & ALIGHTINGS

AM PEAK

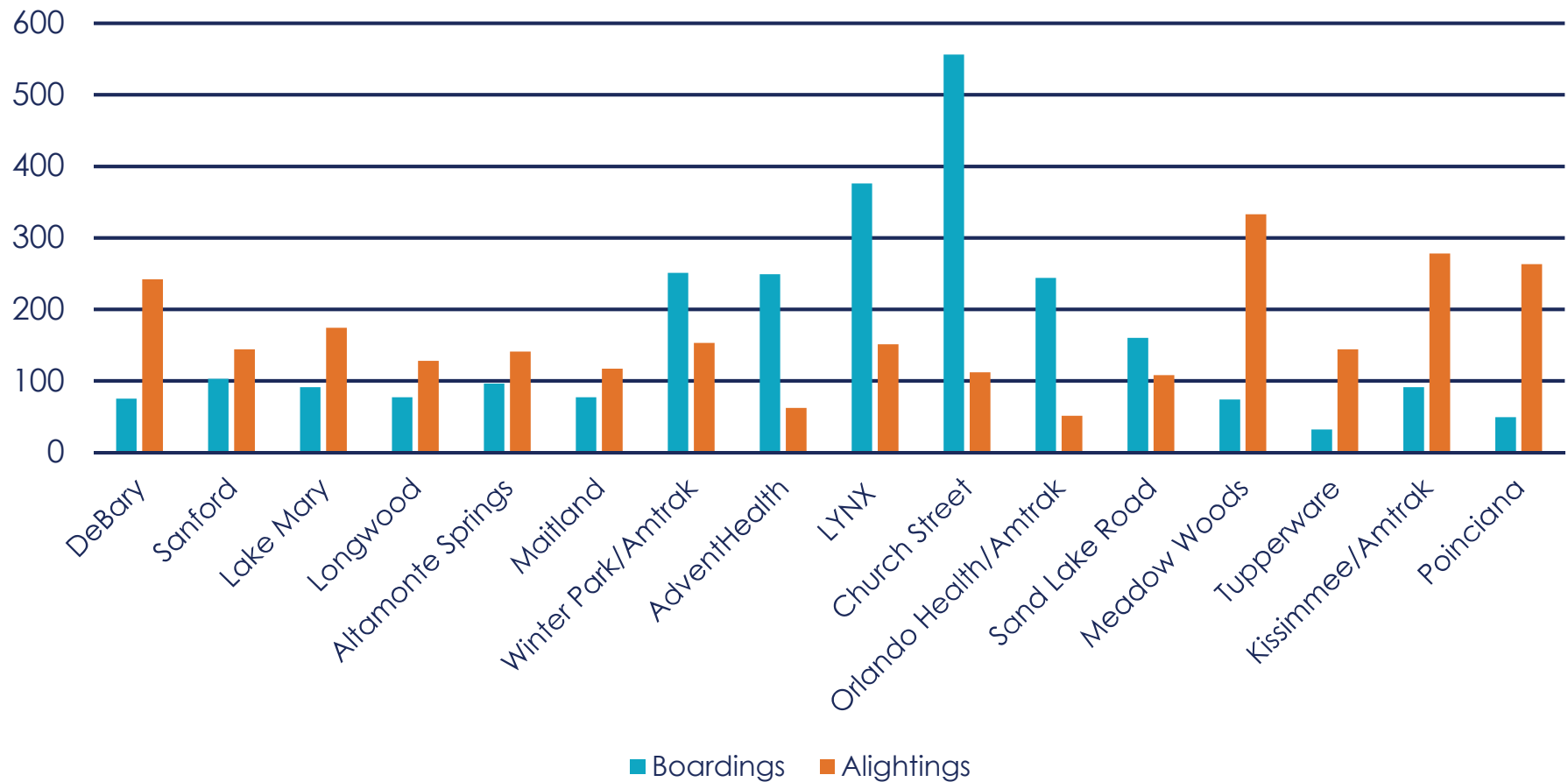
July 1, 2019 – August 31, 2019



BOARDINGS & ALIGHTINGS

PM PEAK

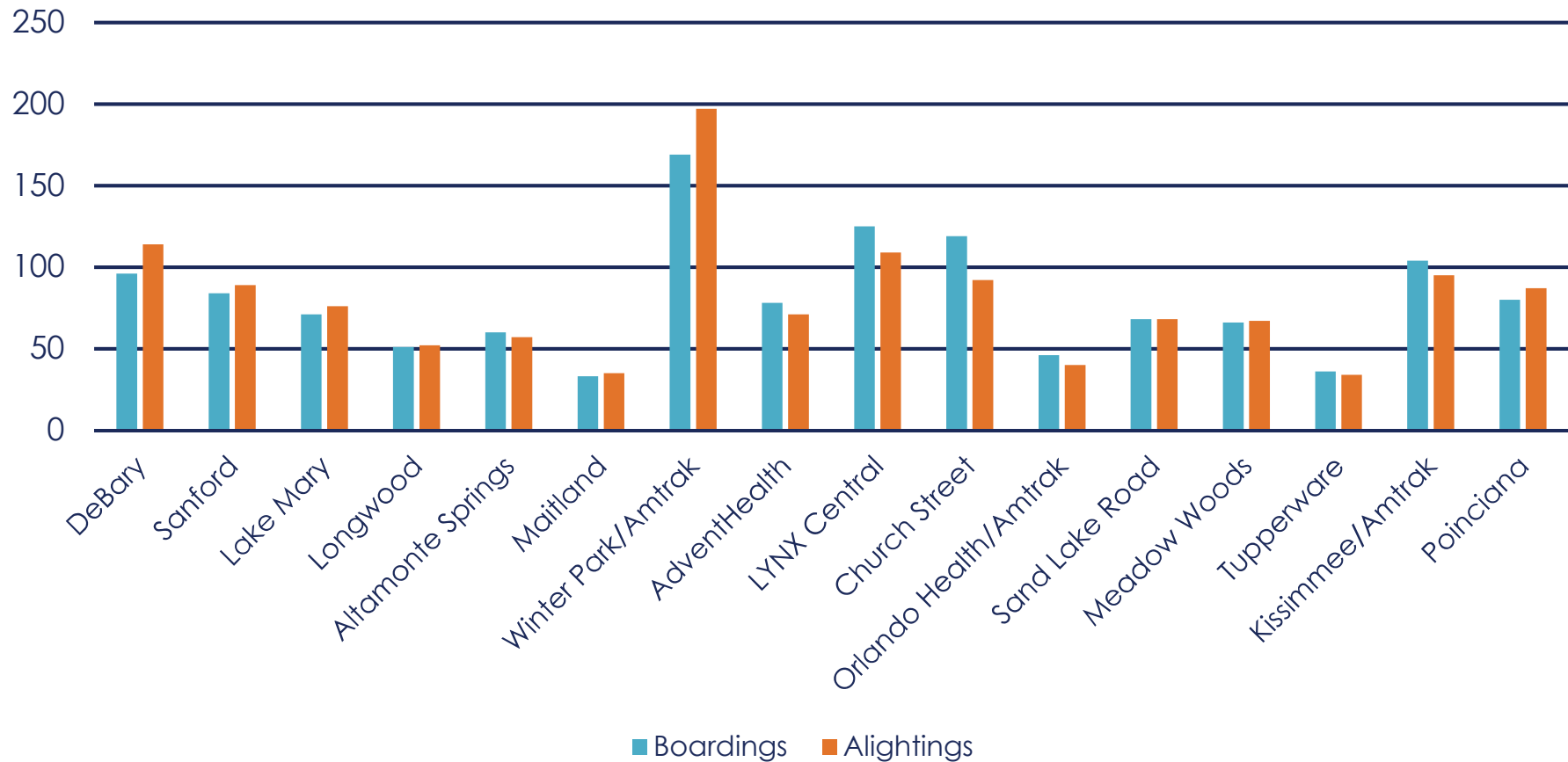
July 1, 2019 – August 31, 2019



BOARDINGS & ALIGHTINGS

OFF PEAK

July 1, 2019 – August 31, 2019

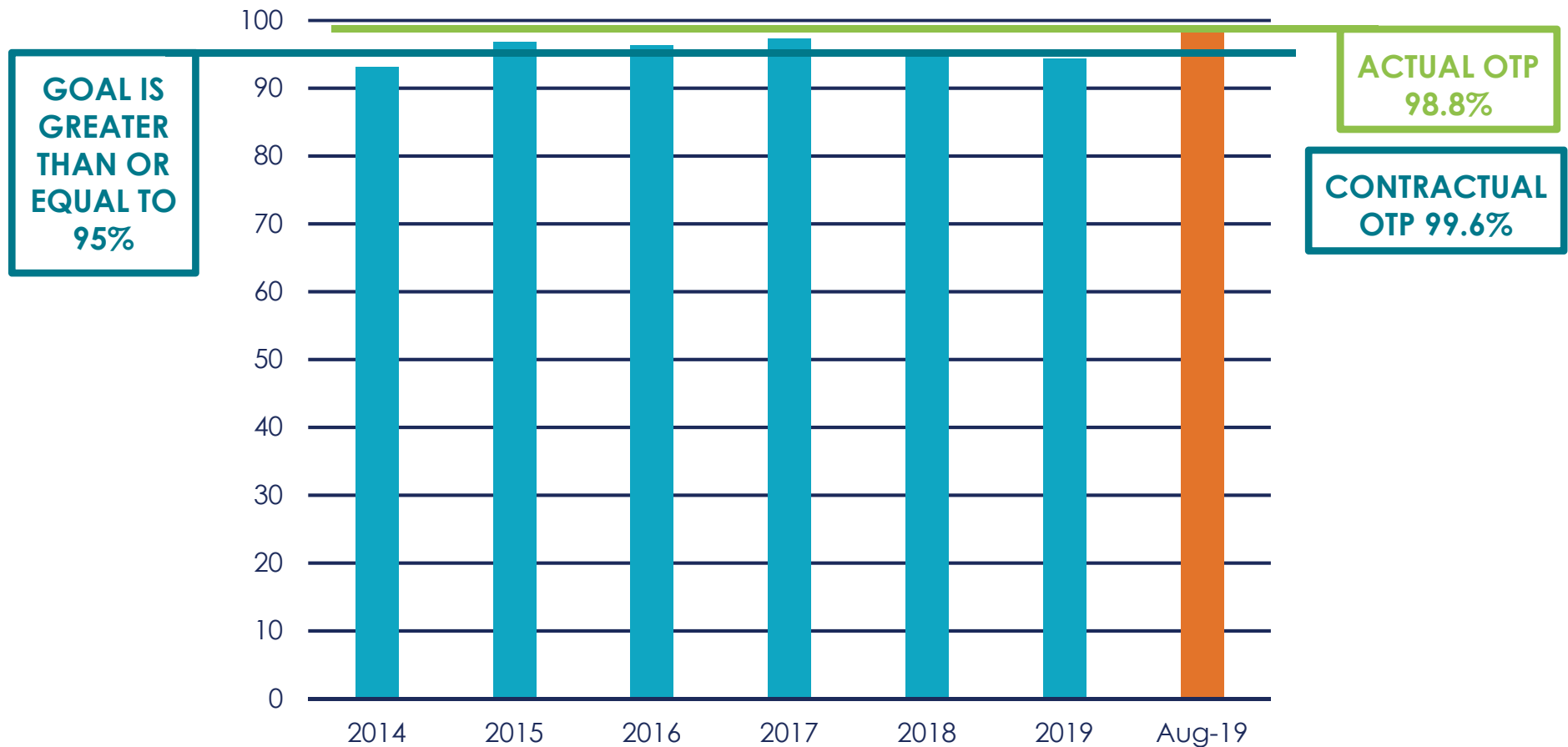


Boardings Alightings



ON-TIME PERFORMANCE AVERAGE

From Inception and Current Month



ON-TIME PERFORMANCE AVERAGE

JULY 2019

On-Time Performance Average: 97.05% Number of Days of 95% OTP and Above: 18 Number of Operating Days: 22			
Train Performance Overview		Trains	Percentage
On-Time		854	97.0%
Late		25	2.8%
Annulled		1	0.1%
Total Trains Operated		880	100.0%
Performance Detail	Days	Trains	Percentage
Mechanical	2	6	0.7%
Signals & Components	4	6	0.7%
Police Activity	3	5	0.6%
Passengers	2	3	0.3%
Trespasser/Grade Crossing/Near Misses	1	3	0.3%
Injuries/Illnesses	1	1	0.1%
Other (Emergency Cord Pulled by Passenger)	1	1	0.1%
ROW Foul	1	1	0.1%
Total (Rounded)		26	3.0%

Note: Only categories with a value greater than zero are displayed and rounded to one decimal.



ON-TIME PERFORMANCE AVERAGE

AUGUST 2019

On-Time Performance Average: 98.75%			
Number of Days of 95% OTP and Above: 22			
Number of Operating Days: 22			
Train Performance Overview		Trains	Percentage
On-Time		869	98.8%
Late		11	1.3%
Total Trains Operated		880	100.0%
Performance Detail	Days	Trains	Percentage
Trespasser/Grade Crossing/Near Misses	3	5	0.6%
Communications	2	2	0.2%
Mechanical	2	2	0.2%
Police Activity	1	1	0.1%
Signals & Components	1	1	0.1%
Total (Rounded)		11	1.3%

Note: Only categories with a value greater than zero are displayed and rounded to one decimal.

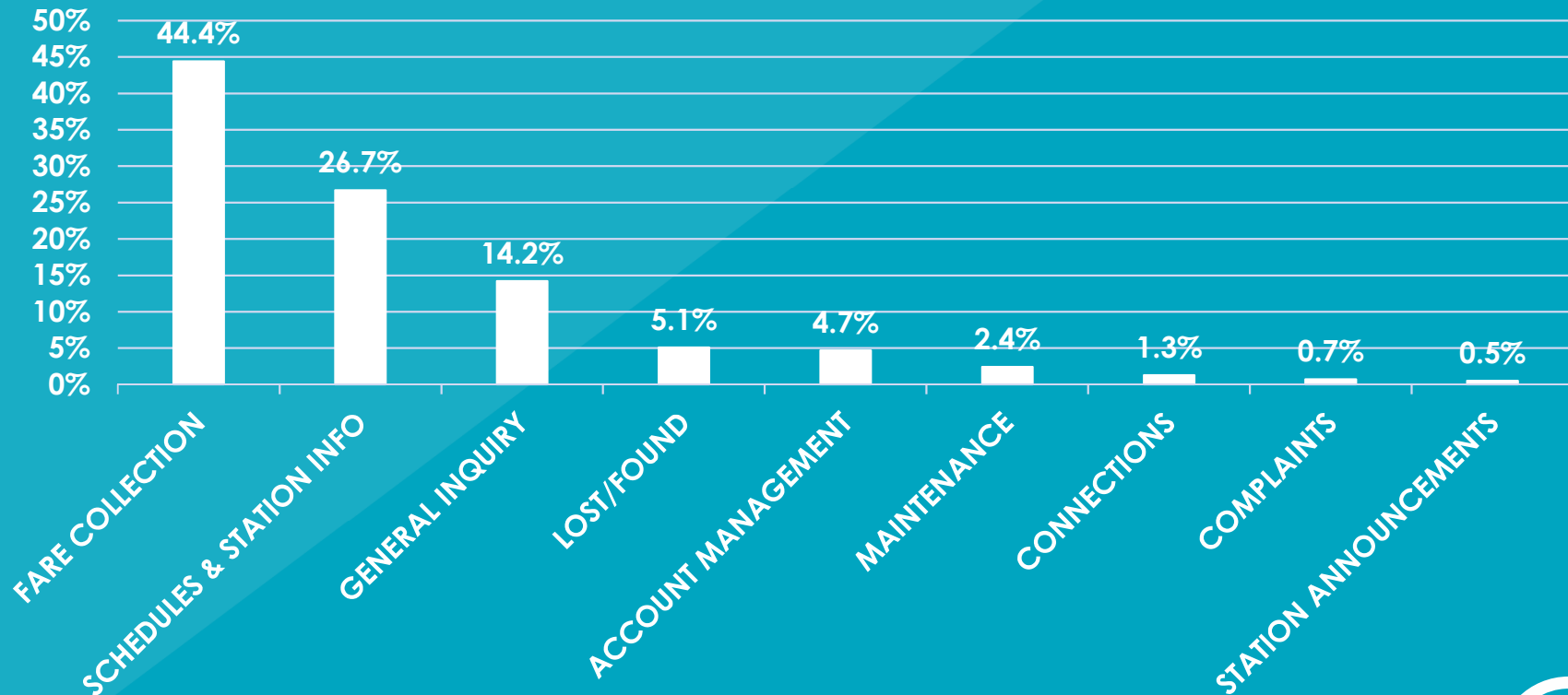


CUSTOMER SERVICE

BUILDING RIDER LOYALTY

Total Calls July & August 2019

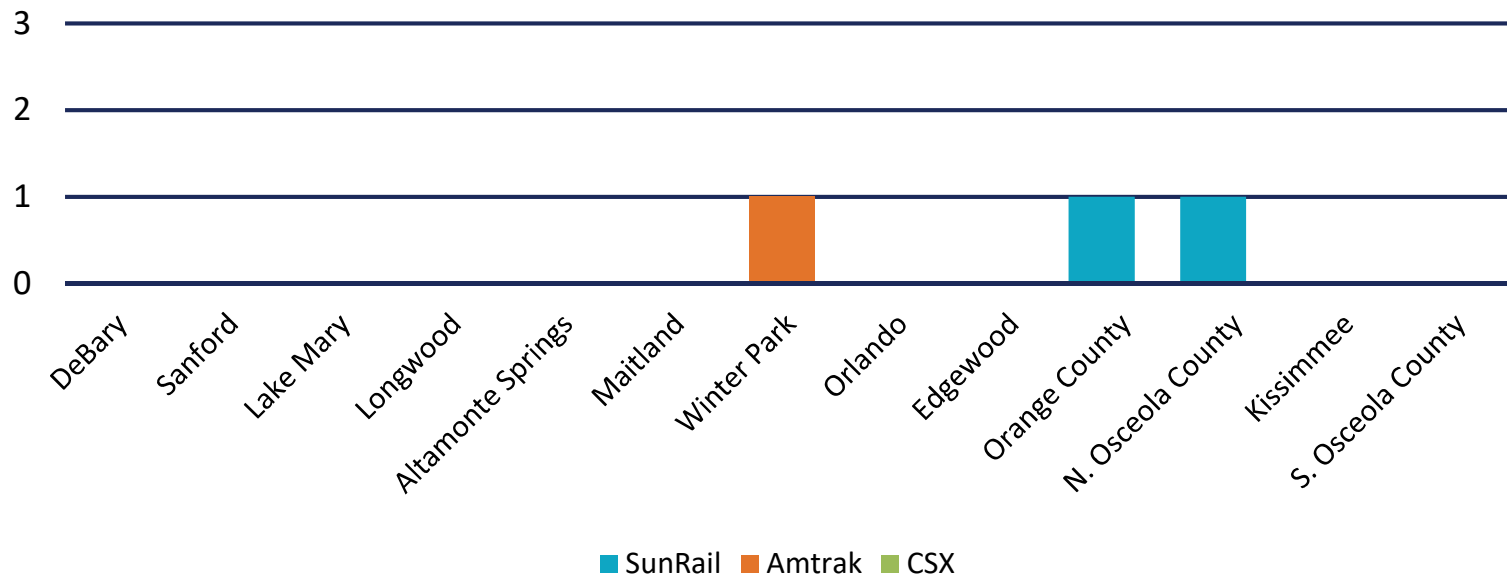
5,341



GRADE CROSSINGS

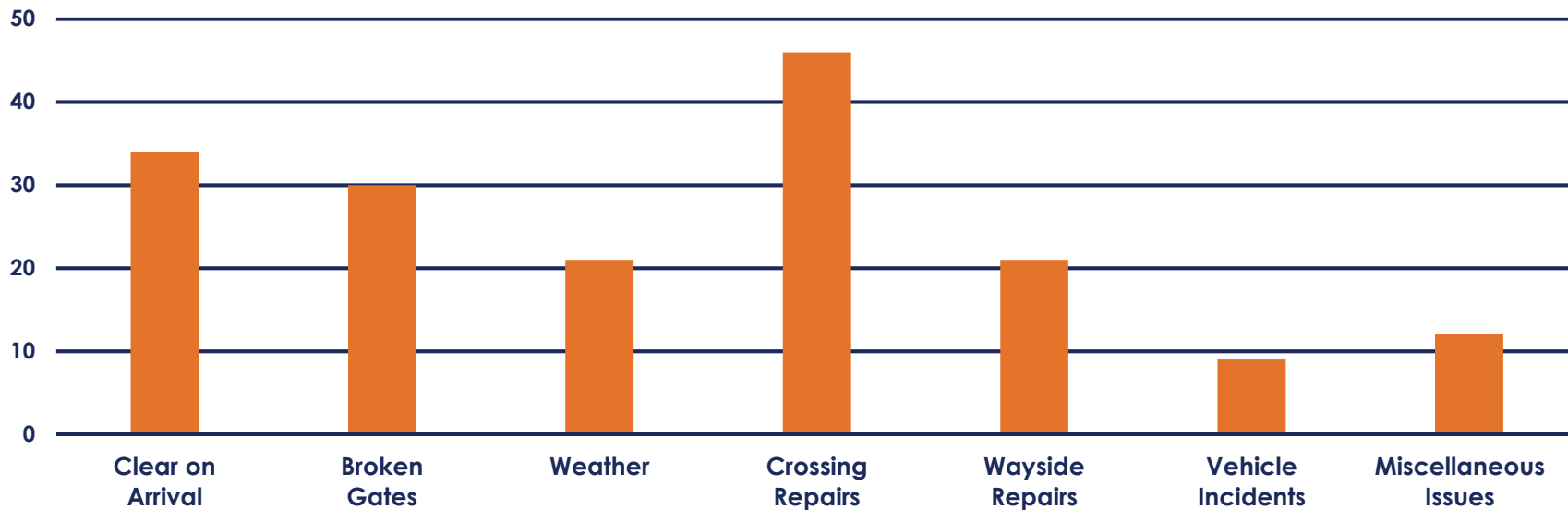
Grade Crossing Incidents by City/County

July - August 2019



SIGNALS

July - August 2019 Calls



- Clear on Arrival = Incident reported but was not failing upon maintainer arrival
- Crossing/Wayside Repair = Incident reported and maintainer was required to repair and clear incident
- Misc = Incidents related to train operations, track work, defect detector alarms, etc.



LET'S GO FOR ZERO

DISTRACTIONS / COLLISIONS / TRESPASSERS



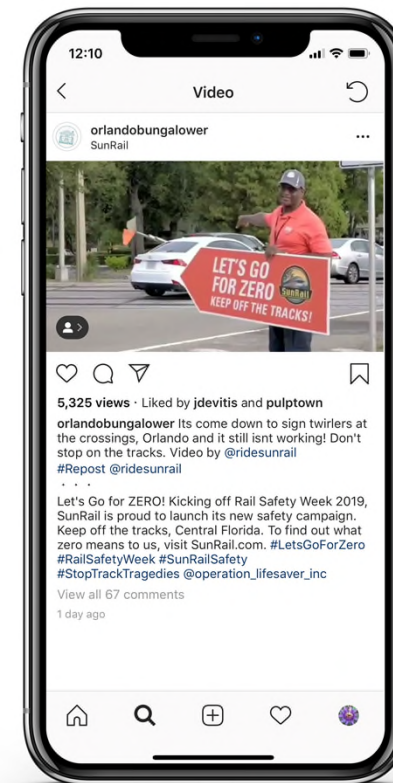
NEWS COVERAGE



MARKETING VIDEOS



SOCIAL MEDIA REPOSTS



HURRICANE DORIAN

Anticipating the Storm

- Preparing corridor and equipment
- Rider and tenant communication

Restoring Service

- Inspecting tracks, removing debris, making repairs
- Installing gates and testing signals



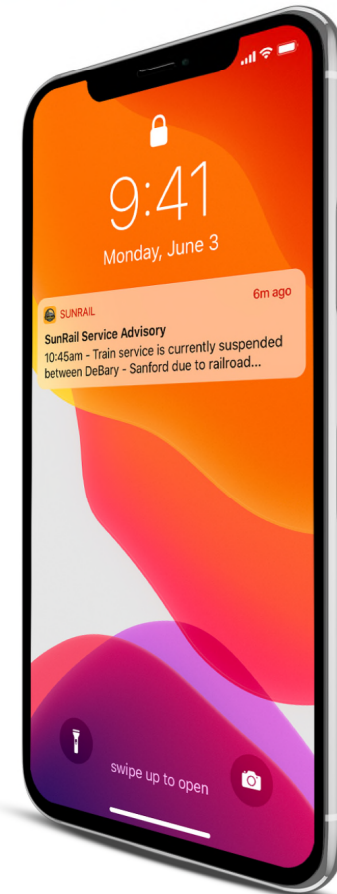
SERVICE ALERTS

- FREE service alerts now pushed through App, Twitter & SunRail.com
- Texting service phased out 10/2/19

Current Database

- App: 12,500 downloads
- Twitter: 17,000 followers
- Text subscribers: <3,000

THE NEW SUNRAIL APP NOW PUSHES SERVICE ALERTS



FARE POLICY

- Reminder that all riders need to Tap On & Tap Off
- Assures fare is valid and in compliance with Fare Policy
- Software update captures more accurate rider data
- Riders who do not Tap or ride beyond purchased fare, will receive a red “X” on station ticket validator and on Conductor’s handheld device indicating the SunCard has been hotlisted
- Hotlisted cards must be correctly funded and resolved through Customer Service prior to boarding
- A fare enforcement day with additional personnel checking for proper fares is scheduled for October 24



MARKETING GOALS

Increase Ridership

- 2019 goal
- Schedule update
- Improved service alerts

Increase SunCard Usage

- SunCards up 15% from 2018
- Converting Downtown Campus riders

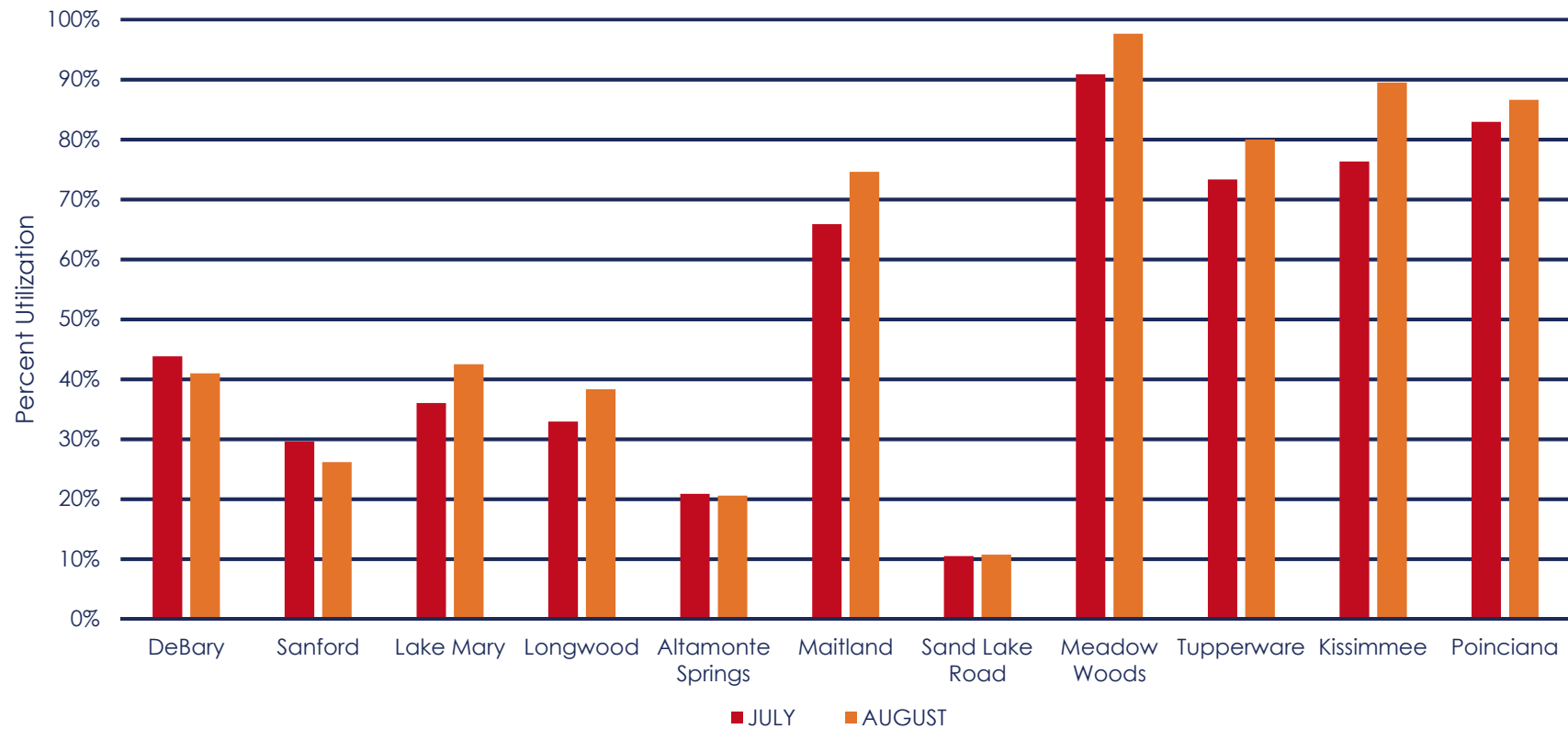
Promote Connectivity

- Continued coordination with Lynx & Votran
- Lime Bike Promotion



MONTHLY PARKING USAGE

STATION PARKING UTILIZATION



BUDGET UPDATE

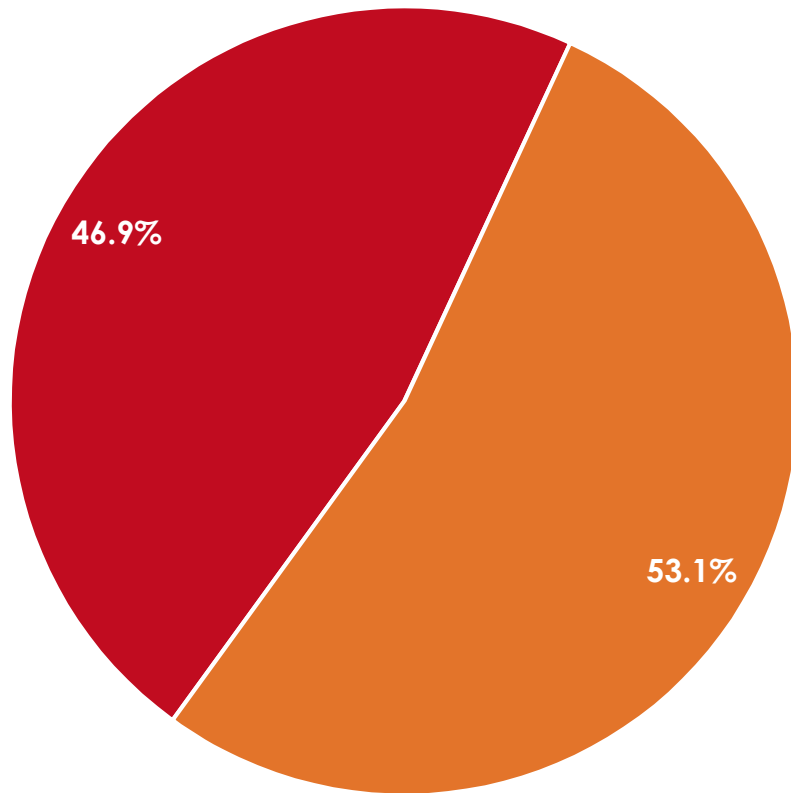
OPERATING REVENUE	ANNUAL BUDGET	YEAR TO DATE AUGUST 31, 2019	
		BUDGET	ACTUAL
Farebox revenue	\$3,366,644	\$561,107	\$596,537
CSX usage fees	\$3,293,401	\$548,900	\$819,839
Amtrak usage fees	\$1,028,530	\$171,422	\$267,416
FCEN usage fees	\$25,568	\$4,261	\$7,003
Right-of-way lease revenue	\$120,066	\$20,011	\$31,055
Ancillary revenue	\$336,986	\$56,164	\$49,224
<i>Subtotal - System revenue</i>	<i>\$8,171,195</i>	<i>\$1,361,865</i>	<i>\$1,771,073</i>
FTA §5307 - Urbanized Area Grant Funds	\$10,021,711	\$1,670,285	\$1,670,285
TOTAL OPERATING REVENUE	\$18,192,906	\$3,032,150	\$3,441,360



BUDGET UPDATE

OPERATING COSTS, CAPITAL MAINTENANCE AND CONSULTANT SUPPORT	ANNUAL BUDGET	YEAR TO DATE AUGUST 31, 2019	
		BUDGET	ACTUAL
Bombardier - Operations	\$10,511,193	\$1,751,866	\$1,738,117
Bombardier - Maintenance	\$16,101,451	\$2,683,575	\$2,654,274
Bombardier - Incentive/Disincentive	\$1,330,632	\$221,772	\$218,540
Conduent - Back-of-the-House Hosting	\$933,325	\$155,554	\$-
Conduent - Fare Equipment Maintenance	\$2,214,588	\$369,098	\$568,183
Herzog - Signal Maintenance of Way	\$3,207,374	\$534,562	\$531,689
Green's Energy - Fuel	\$1,965,924	\$327,654	\$336,650
Gallagher - Insurance	\$1,900,000	\$-	\$-
Amtrak - Heavy Vehicle Maintenance	\$1,368,067	\$228,011	\$177,273
Wells Fargo - Banking Services	\$4,906	\$818	\$1,189
Bank of America - Merchant Services (Banking)	\$95,408	\$15,901	\$18,155
MidFlorida - Armored Car Service	\$44,280	\$7,380	\$7,120
AT&T/Verizon - Wi-Fi Service	\$34,402	\$5,734	\$5,476
Fare Media Smart Card	\$-	\$-	\$-
Limited Use Smart Card	\$424,620	\$70,770	\$-
Incomm - Card Distribution & Packaging	\$-	\$-	\$-
<i>Subtotal - System operating costs</i>	<i>\$40,136,170</i>	<i>\$6,372,695</i>	<i>\$6,256,666</i>
Feeder Bus Expenses	\$1,978,793	\$329,799	\$245,353
Capital Maintenance	\$7,188,940	\$1,198,157	\$1,569,727
Consultant Support	\$8,845,417	\$1,458,869	\$1,207,352
TOTAL OPERATING COSTS, CAPITAL MAINTENANCE AND CONSULTANT SUPPORT	\$58,149,320	\$9,359,520	\$9,279,098

CAPITAL MAINTENANCE



■ Maintenance ■ Improvements

Maintenance: non-recurring corrective or preventative maintenance or in-kind replacement

Improvements: extend the useful life, increase the value or add new uses



CAPITAL MAINTENANCE

Maintenance	
Type of expenditure	Percent
Vehicle repairs	48.9%
Materials and supplies	22.9%
Corridor work	20.4%
Survey of track clearances	7.8%
Total Maintenance	100.0%

Improvements	
Type of expenditure	Percent
Storage track at VMSF (noise wall)	46.0%
St. John's River Bridge walkway	27.8%
Fence installation on IOS	8.4%
Install ground protection for communication equipment	7.5%
Test trains for SunRail projects	5.7%
Flagging for SunRail projects	4.5%
Total Improvements	100.0%



POSITIVE TRAIN CONTROL (PTC)

PTC Regulatory Requirements for December 31, 2020

- Revenue Service Demonstration (RSD) began on Test Territory in April 2019 (Sanford to Longwood)
- 40 of 40 daily SunRail trains operating with PTC enabled in the Test Territory
- PTC Testing on entire corridor in progress
- All SunRail trains operating with PTC enabled on entire corridor December 2019
- FRA system certification anticipated for December 2020



QUIET ZONES

- City of Edgewood QZ NOE October 9, 2019
- Signal construction work complete at:
 - Seminole County
 - Maitland
 - Winter Park
 - Orange County
- Signal construction work ongoing at City of Orlando
- Civil Upgrades (SSM) pending for Donegan Avenue Kissimmee QZ
- NOE is responsibility of the local jurisdiction
- Safety education outreach is underway



LYNX CONNECTIVITY

LYNX Fixed-Route Average Daily Boardings & Alightings by SunRail Station Area													
SUNRAIL STATION	Fiscal Year 2019												ANNUAL DAILY AVG
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
Sanford	151	336	339	100	302	358	390	412	409	461	374		330
Lake Mary	58	15	62	80	74	116	124	117	98	105	116		88
Longwood	40	51	73	53	54	90	102	82	72	119	136		79
Altamonte Springs	225	195	192	205	240	171	38	230	91	191	166		177
Maitland	27	30	29	12	18	18	26	22	28	24	36		25
Winter Park/Amtrak	212	273	286	187	206	269	255	316	310	338	501		287
AdventHealth	359	399	380	314	327	266	322	326	362	337	448		349
LYNX Central Station													-
Church Street Station													-
Orlando Health/Amtrak	27	34	28	35	26	35	27	22	10	17	27		26
Sand Lake Road	248	255	209	193	201	62	54	78	86	86	72		140
Meadow Woods	130	120	116	120	115	63	107	167	103	80	128		114
Tupperware	23	18	9	N/A	N/A	N/A	N/A	N/A	4	40	42		23
Kissimmee Intermodal													-
Poinciana	3	6	5	6	N/A	3	1	N/A	N/A	4	4		4
Total - All Stations	1,503	1,732	1,728	1,305	1,563	1,451	1,446	1,772	1,573	1,802	2,050	-	1,641

VOTRAN CONNECTIVITY

August 2019

NOTE: Beginning October 2016 driver keys count only boardings and alightings at DeBary Station.

Fiscal years 2014, 2015, and 2016 data reported boardings along SunRail Routes.

Votran Fixed-Route Average Daily Boardings & Alightings at DeBary Station

Activity at DeBary Station	Fiscal year 2017												Annual Daily Average
	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	
Days of operation	21	21	22	22	20	23	20	22	22	20	23	13	249
Avg Daily Ridership	54	48	68	69	43	46	47	50	58	67	83	80	59

Note: Hurricane Irma in 2017 interrupted SunRail from September 11 to September 19.

Votran Fixed-Route Average Daily Boardings & Alightings at DeBary Station

Activity at DeBary Station	Fiscal year 2018												Annual Daily Average
	Oct 17	Nov 17	Dec 17	Jan 18	Feb 18	Mar 18	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	
Days of operation	22	21	20	22	20	22	21	22	21	21	23	19	254
Avg Daily Ridership	96	76	79	63	62	69	69	67	61	72	79	72	72

Votran Fixed-Route Average Daily Boardings & Alightings at DeBary Station

Activity at DeBary Station	Fiscal year 2019												Annual Daily Average
	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	
Days of operation	23	21	20	22	20	21	22	22	20	22	22		235
Avg Daily Ridership	98	66	85	89	64	76	66	61	59	57	69		72

No SunRail service on Thanksgiving, Christmas, New Year's Day Independence Day, Labor Day, Memorial Day, and Martin Luther King Jr. Day.

* May 2019 Corrected boardings

COMMITTEE MEMBER COMMENTS





THANK YOU

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