

TECHNICAL ADVISORY COMMITTEE

October 12, 2022





Central Florida Commuter Rail Commission

Technical Advisory Committee

Date: October 12, 2022

Time: 2:00 p.m.

Location: LYNX Central Station
2nd Floor Open Space Room
455 North Garland Avenue
Orlando, Florida 32801

PLEASE SILENCE CELL PHONES

- I. Welcome**
 - II. Call to Order and Pledge of Allegiance**
 - III. Confirmation of Quorum**
 - IV. Chair's Remarks**
 - V. Action Items**
 - a. July 13, 2022 Meeting Minutes Approval
 - b. 2023 Dates
 - VI. Public Comments**
 - *Nadia will call those in person to approach the podium in the LYNX Board Room.*
 - Each speaker is limited to three minutes.
-



Central Florida Commuter Rail Commission

Technical Advisory Committee

VII. Discussion Items

- a. Agency Update – Mike Carman SunRail, Director of Operations
- b. Bus Connectivity
 - i. LYNX – James Boyle, Director of Planning & Development
 - ii. Votran – Kelvin Miller, General Manager

VIII. Transition Consultant Update

- a. Transition Update –Ron Hartman (virtually)

IX. Sunshine Corridor Update

- a. Project Update – Brian Stanger

X. Committee Member Comments

IX. Next Meeting - Proposed

- a. Next Meeting – January 11, 2023 at 2:00 p.m. LYNX Open Space Room

XII. 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

July 13, 2022

2:00 p.m.

GoToWebinar Hosted by FDOT
LYNX Central Station
2nd Floor Multi-Purpose Room

Attendees

Tawny Olore, Osceola County
Miten Patel, City of Sanford
Alisha Maraviglia, City of Altamonte Springs
Christopher Carson, City of Lake Mary
Rick Werbiskis, City of DeLand
Joseph Barker, City of DeBary
Brian Sanders, Orange County
Crissy Martin, City of Orlando
Don Marcotte, City of Winter Park
Bill Wharton, Seminole County
Stephen Harris, River to Sea TPO

Alyssa Eide, City of Maitland
Sarah Larsen, MetroPlan Orlando
Nabel Muhaisen, Kissimmee
Myles O'Keefe, LYNX
Kelvin Miller, Votran
Charles M. Heffinger, FDOT
Nadia Hernandez, FDOT
Mike Carman, SunRail
George Gault, SunRail
Linda Nesbitt, SunRail
Regina Marini Cargill, Evolve Today

Minutes

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

Pledge of Allegiance

Quorum was met

Announcements:

Presenter: Tawny Olore

- Chair's Report
 - The updates received during the past virtual meetings have led to an upcoming vote on the governance structure. In anticipation of that, there have been two additional CFCRC board meetings scheduled at the request of Chair Mayor Buddy Dyer. The presentation today is essentially a compilation of two previous meetings held.
 - The other presentation today regarding the SunRail intercity initiative for the Sunshine Corridor is by Brian Stanger, FDOT.

Action Items:

Presenter: Tawny Olore

- **Adoption of Meeting Minutes:** A motion to adopt the meeting minutes from October 9, 2019, through April 13, 2022, was made. The minutes were adopted unanimously.

Public Comments:

- No public comments.

Agenda Item: Agency Update

Presenter: Charles M. Heffinger, Jr., P.E.

- Choo-Choo to the Zoo
 - Partnership with Central Florida Zoo
 - Free trolley service from Sanford Station to and from the Zoo, June 6 – July 29
 - Themed trolley graphics
 - Earned coverage on all local TV networks & several blogs and publications
 - Over 1,300 riders in first month
- Northern Expansion
 - Groundbreaking event planning is in progress, more details to come
 - Dedicated trolley to downtown DeLand in discussion
 - Phase 2 North Logo unveiling occurred in July on SunRail.com and to community partners
- All Aboard the Foodie Tour
 - Enticing riders to keep it local and try something new
 - Highlighting eight stations to showcase about 60 restaurants all within walking distance
 - Social media campaign launched in July
 - Short video format for best engagement
- Commuter Campaign
 - Joint effort with downtown partners
 - Highlight SunRail's value, in terms of the increase in gas prices being experienced for 1st half of this year
 - Eblast, website banners, social media, commuter rider stories, blog posts
 - Billboard support along I-4 corridor coming soon
- Simply IOA Corporate 5K Partnership
 - Highest ridership day in April!
 - Bringing back commuters
 - Offered free rides to and from Church Street Station for the race at Lake Eola on April 21
 - Partnership with Track Shack and ReThink Your Commute
- On-Time Performance Average
 - April 2022 – June 2022
 - Goal = 95% Actual = 95.5% Contract = 98.99%
 - On time 50 days out of 64 operating days and running 2,560 trains
- Revenue Incidents by City/County
 - SunRail had 1 each in Sanford/Lake Mary, Longwood/Alt. Springs, Winter Park/Orlando, and

<ul style="list-style-type: none"> <ul style="list-style-type: none"> Orlando/Edgewood. <ul style="list-style-type: none"> ○ Amtrak had 1 in DeLand and 2 in Orange County. ○ CSX had 1 in both Orange County and Kissimmee. • Average Daily Ridership <ul style="list-style-type: none"> ○ Apr – 3,696 May – 3,552 Jun – 3992 • Increase in Ridership <ul style="list-style-type: none"> ○ Ridership is up 36% over last year, and goal was 25 ○ Steadily seeing a slight increase in ridership, which is a positive upturn • PTC Success <ul style="list-style-type: none"> ○ Year to Date PTC Active Operating Percentage: <ul style="list-style-type: none"> ▪ SunRail 99.9% (100% the last 9 weeks) ▪ CSX 99.5 % ▪ AMTRAK 99.6% • Station Parking <ul style="list-style-type: none"> ○ Osceola and Orange County applied for parking studies due to the overage. Currently Kissimmee is 100 % because it's a public parking deck with about 28 SunRail station designated spots. Each parking lot must be evaluated according to the actually parking spots. • FY 21/22 Operating Budget Update <ul style="list-style-type: none"> ○ Two slides presented show the costs and revenue for FY 21/22. ○ Of note is the cost savings seen in the insurance category, which should continue to decrease. • Mr. Heffinger invited questions and comments. <ul style="list-style-type: none"> ○ Committee member asked if SunRail was looking at any Last Mile projects between Robinson EV, LYNX, and SunRail. Mr. Heffinger responded by saying he didn't think anything was in the works right now. ○ Committee member asked if there were any accidents reported as a result of quiet zones. <ul style="list-style-type: none"> ▪ Mr. Carman affirmed that none of the accidents have been attributed to quiet zones. Only positive results. ○ Ms. Olore asked if all the quiet zones have been enacted and who was left if they had not yet. <ul style="list-style-type: none"> ▪ Mr. Heffinger responded that we're close, some had to be upgraded. Seminole County is currently getting worked on which consists of 25 crossings, which will hopefully be completed this fall. ▪ Mr. Nabil Muhaisen commented on the positive results in Kissimmee. ○ Ms. Olore asked if there were many incidents with PTC activated. <ul style="list-style-type: none"> ▪ Mr. Carman responded absolutely have had issues where the computer considered the conductor did not slow down quick enough which would cause the train to go into emergency and stop. ▪ Mr. Heffinger added that the engineers continue to adapt to these life-saving technologies. 	
<p>Agenda Item: LYNX Connectivity</p> <ul style="list-style-type: none"> • FY 2021 was down 27% from FY 2020 due to COVID • FY 2022 is showing a 25% increase over FY 2021 so far, with June experiencing a 49% boost over June of FY 2021 (typically associated with schools being out for the summer and having more leisure riders). • Ridership for SunRail feeder bus routes is also up, between 31% and 120%, comparing June of FY 2021 and June of FY 2022. • Ms. Olore asked if he thought the rebounding in ridership might be due to the gas prices and/or coming out of COVID. <ul style="list-style-type: none"> ○ Mr. O'Keefe explained that they've noticed that it takes a while for behaviors to change, and now that the gas prices are decreasing, it could take a while to see the effects in ridership. 	<p>Presenter: Myles O'Keefe</p>
<p>Agenda Item: Votran Connectivity</p> <ul style="list-style-type: none"> • For the month of April, ridership was 583, May was 585, and June was 594. • Per day for those same months respectively, average daily ridership for May was 28 and for June was 27 passengers. • As compared to FY 21 to 22, ridership has decrease about 25% likely attributed to folks working hybrid work schedules. 	<p>Presenter: Kelvin Miller</p>

Agenda Item: Transition Update**Presenters: Tawny Olore**

- As of now, we are coming out of the analysis phase and headed toward the recommendations phase and decision makings.
- Currently, the transition study process is at the stage of generating the Transition Analysis Report, along with the Financial Analysis Memorandum. Based on the decisions being made by the CFCRC Board, the Transition Plan Report will be written, as well as an Implementation Schedule.
- The Transition Analysis framework includes lessons learned, contracts & agreements, staffing, committees, a financial assessment, operational assessment, and governance analysis reports.
- Transitioning Contracts
 - Amtrak Vehicle Heavy Maintenance
 - Execute assignment & extension of term by June 30, 2024
 - Herzog Signal Maintenance
 - Execute assignment by June 30, 2024
 - Alstom Rail Operations and Maintenance
 - Execute assignment & assumption by May 4, 2024
- Committee Recommendations
 - Maintain existing Technical Advisory Committee (TAC) and Customer Advisory Committee (CAC) per Interlocal Agreements
 - After transition, may want to establish new committees to advise Commission on specialized governance and oversight matters such as: oversight, finance and audit, and risk management
- Fare System Assessment
 - New fare system in early design stages
 - Project risks should be monitored:
 - New team collaboration
 - Project Schedule should enable proper project management and oversight
 - Transition to new fare system will be complex
 - Operations & Maintenance (O&M) services not fully defined
 - Monitor Risk Register to ensure proper identification of risks
 - Recommendation: hire independent third-party oversight to monitor implementation of new fare system which is anticipated in 2023
- Operational Analysis
 - SunRail infrastructure is in a State of Good Repair (SGR).
 - A review of the past 3 years of Federal Railroad Administration (FRA) inspection findings and/or violations have not shown any systemic issues.
 - The FRA is confident in and comfortable with the current SunRail operation. Minimal updates to plans will be needed after transition.
 - Recommendation: Prior to transition, conduct review to ensure SunRail maintenance and Capital Improvement Plan (CIP) projects have progressed and not deferred.
- Three Potential Governance Options
 - Option 1: CFCRC recruits comprehensive, in-house staff to provide all management, administration, and operating functions.
 - Option 2: CFCRC recruits in-house staff to provide management and administration functions while contracting out all operating services, like current FDOT/SunRail structure.
 - Option 3: CFCRC recruits no staff and contracts all functions (management, administration, and operations) to another agency which may subcontract operating functions as indicated in Option 2.
- Four Types of Cost Allocations Per Agreements
 - Insurance: maintain liability insurance with a deductible or self-insured amount
 - Costs include insurance broker and self-retention fund
 - FDOT carries a \$10M self-retention fund and \$322M liability insurance policy to comply with Federal cap
 - Insurance costs allocated by percentage share of Local Operating Support
 - Local Operating Support: Local Funding Partner (LFP) responsible for share of system operating costs as follows:
 - Operation and Maintenance Costs

- Fuel
 - Banking
 - Ticketing
 - Consultant Support
 - Feeder Bus
- Allocation based on:
 - The shares of total “embarkings and disembarkings”
 - And the shares of peak hour “embarkings and disembarkings”
 - Averaged for each jurisdiction
 - During the last Funding Determination Year
 - Farebox Revenue credited to each LFP
- Local Operating Share Methodology
 - Step 1: Operating costs – Operations revenue = Operating deficit
 - Step 2: Operating deficit x Embarking & Disembarking share = local operating support
 - Volusia 9.58%
 - Seminole 18.32%
 - Orlando 33.23%
 - Orange 23.18%
 - Osceola 15.68%
- Capital Plan Funding: LFP responsible for share of capital projects for the entire system
 - Five-year Capital Plan
 - Station upgrades
 - Infrastructure upgrades
 - Vehicle overhauls, etc.
 - Allocated based on track miles in each jurisdiction
 - Chart on slide shows track miles for each LFP and funding allocation percentage
- Station Maintenance Costs: Maintenance and housekeeping costs
 - Joint Use Agreements previously entered into with each LFP prior to Phase I and II operations, which delineated costs for:
 - Maintenance and operations of station and station property
 - Housekeeping and appearance of station platform and station property
 - Security at station platform and property
 - LFP have been assuming station maintenance costs since beginning of SunRail operations
 - Station maintenance costs not included in Financial Assessment
- Revenue
 - CFCRC 2021 revenue of \$15,521,712, with less than 10% coming from fare box collections, and the great majority coming from the FTA funding.
- Total Cost Comparison of Three Governance Options
 - Projected costs for 5.25 fiscal years (FY24 Q4-FY29) were presented
 - To note, option 1 is higher in FY27 showing a spike in costs, due to hiring staff while the operating contract is in place. Option 3 showed lower costs.
- LFP Allocations for each Option
 - This chart shows the costs net of all revenues for each LFP for each of the FYs through 2029.
 - It should be noted; however, that these costs do not include PTC costs.
- Proposed Next Steps
 - Finalize Financial Analysis Memo – June 2022
 - Finalize Transition Analysis Report – June 2022
 - Jurisdiction Board Briefings – June/July 2022
 - CFCRC Adoption of Governance Structure – August 2022
 - Develop a Transition Plan – August - November 2022
 - CFCRC Adoption of Transition Plan – November 2022
- Discussion/Questions
 - No questions were asked, and no comments were made.

Agenda Item: Sunshine Corridor CFCRC Update**Presenter: Brian Stanger**

- Objective
 - To identify and evaluate topics that require decisions by the CFCRC, FDOT, or any of the key partners to successfully advance the Sunshine Corridor through acceptance as a federally funded project.
 - The map shown shows the Sunshine Corridor extending from Orlando International Airport to south I-Drive.
- Organization
 - Steering Committee Group—made up of representatives of the five local funding partners
 - Policy Group—look at policy, FTA white paper, etc.
 - Technical Group
- Progress
 - Organized the work groups and held initial meetings of Policy and Technical groups
 - Established a Steering Committee and held initial meetings
 - Conducted update call with FTA. Began developing white paper in response to FTA's request
 - Developed draft work group charter for review
 - Developed tools to support work group members: StoryMap, Glossary, Grant Summary
- Moving Forward
 - Reach consensus on project description
 - Update FRA
 - Complete white paper and submit to FTA
 - Complete ridership study
- Don't Stop
 - Continue communication and collaboration between all stakeholders
 - Document official actions
 - Identify issues, concerns, and research topics
- Mr. Stanger then invited questions and/or comments, but there were none.

Public Comments:

- Mr. Glen Cook of EV Transports asked about electric vehicle (EV) charging stations at the Maitland station where he commutes to and from. Directed at the objective slide from the Sunshine Corridor Update presentation, he inquired about an EV Charging infrastructure last mile proposal. Proposed a solution months ago with a local jurisdiction and mentioned a Chris Castro with the City of Orlando. The proposal may need to be tweaked a little, but Mr. Cook would like to spark up conversations once again.

Committee Member Comments:

- Mr. Stephen Harris asked if the pavement markers, dynamic envelopes, have shown to have any reduction in crashes since they were completed.
 - Mr. Heffinger responded with information about a survey conducted prior to and after they were completed, which showed an estimated 40% improvement regarding people stopping before the tracks.

Meeting adjourned: 2:54 p.m.**Next meeting:** Scheduled for Wednesday, October 12, 2022, at 2:00 p.m., LYNX Central Station, Second Floor Open Space, 455 N. Garland Avenue, Orlando

PLEDGE OF ALLEGIANCE (Please Stand)

**I pledge allegiance to
the Flag of the United
States of America, and
to the Republic for
which it stands, one
Nation under God,
indivisible, with liberty
and justice for all.**





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:

ROGER MASTEN

SunRail Title VI Coordinator

801 SunRail Drive

Sanford, Florida 32771

Roger.Masten@dot.state.fl.us

ALDRIN T. SANDERS

State Title VI Coordinator (Interim)

605 Suwannee Street, Mail Station 65

Tallahassee, Florida 32399

WELCOME





CHAIR'S REPORT

Ms. Tawny Olore, P.E.

ACTION ITEMS

- ADOPTION OF JULY 13, 2022 MEETING MINUTES
- 2023 Meeting Dates



2023 Meeting Dates:



January 11 – 2:00 PM

April 12 – 2:00 PM

July 12 – 2:00 PM

October 11 – 2:00 PM

PUBLIC COMMENTS



AGENCY UPDATE

Charles M. Heffinger
Chief Operations Officer





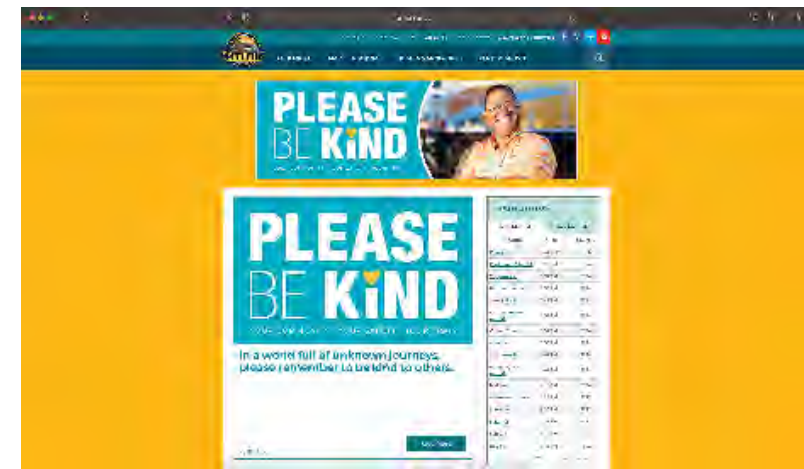
NEW BE KIND CAMPAIGN

New communication program to increase safety by promoting kindest regard for crews, Ambassadors, and fellow riders. Multiple elements include:

- Additional de-escalation training for staff
- Coordination with local law enforcement
- Public outreach through digital channels and station/onboard signage

PLEASE BE **Ki**ND

YOUR COMMUNITY • YOUR SAFETY • YOUR TRAIN





LAW ENFORCEMENT TASK FORCE

- SunRail met with multiple local law enforcement agencies on 8/29/22 to collaborate on safety, incident response, and available training resources.





NEW PROMOTIONS

- **RIDERSHIP UP 39%**
- Community partnerships for upcoming events include:
 - Orlando City
 - Orlando Magic
 - Dr. Phillips Center
 - City of Winter Park
 - City of Kissimmee
- College Week Success





RAIL SAFETY WEEK 2022

9/19 - 9/23

- Leveraged the trending modern retro 80's style to deliver an engaging, and shareable Rail Safety Week campaign
- Social media videos
- Promotion with community partners
- Collaboration with local law enforcement and Amtrak for Operation Clear Track





MOBILITY WEEK 2022

- Mobility Week is Oct. 24 – Oct. 28
- Statewide initiative to spread awareness on how, where, and why to use public transportation
- SunRail and LYNX will offer free rides on Tuesday, Oct. 25, to encourage new riders





PHASE 2 NORTH

- Currently in design and material procurement phases (survey and geotechnical field investigations)
- Project is on schedule, and anticipated to be completed by Summer 2024
- Design-build is also in coordination with the signal design and construction work



ABOVE AVERAGE

- On-Time 27 Days
- 43 Operating Days
- Ran 1,720 Trains



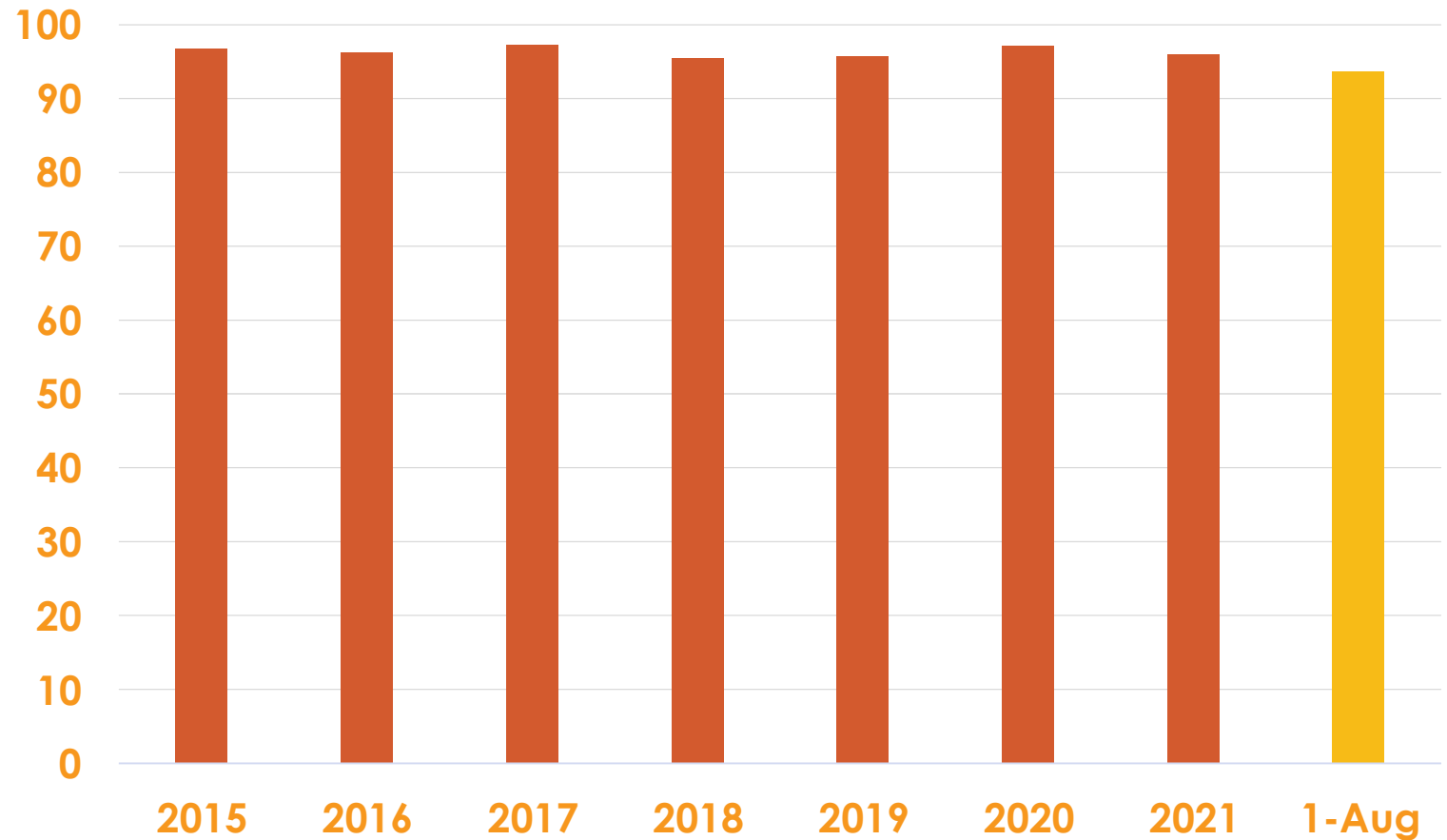
ON-TIME PERFORMANCE AVERAGE

July 2022 – August 2022

Goal = 95%

Actual = 93.54%

Contract = 98.67%



From inception and current month.

FY 22/23 OPERATING BUDGET UPDATE



OPERATING COSTS, CAPITAL MAINTENANCE AND CONSULTANT SUPPORT
Bombardier - Operations
Bombardier - Maintenance
Bombardier - Incentive/Disincentive
Conduent - Back-of-the-House Hosting
Conduent - Fare Equipment Maintenance
Herzog - Signal Maintenance of Way
Green's Energy - Fuel
Gallagher - Insurance
Amtrak - Heavy Vehicle Maintenance
Wells Fargo - Banking Services
Bank of America - Merchant Services (Banking)
MidFlorida - Armored Car Service
AT&T/Verizon - Wi-Fi Service
Fare Media Smart Card
Limited Use Smart Card
PTC O&M Costs
BTNA – COVID Decontamination Services
OPERATING COSTS SUBTOTAL

Feeder Bus Expenses
Capital Maintenance
Consultant Support

**TOTAL OPERATING COSTS, CAPITAL MAINTENANCE AND
CONSULTANT SUPPORT**

ANNUAL BUDGET
\$ 10,745,000
\$ 16,255,000
\$ 1,350,000
\$ 910,000
\$ 2,090,000
\$ 3,500,000
\$ 3,500,000
\$ 5,000,000
\$ 2,100,000
\$ 5,000
\$ 75,000
\$ 30,000
\$ 40,000
\$ 10,000
\$ 300,000
\$ 9,500,000
\$ 2,200,000
\$ 57,610,000

\$ 2,000,000
\$ 8,895,000
\$ 12,200,000

\$ 80,705,000

YEAR TO DATE AUGUST 31, 2022	
BUDGET	ACTUAL
\$ 1,790,833	\$ 1,762,226
\$ 2,709,167	\$ 2,702,868
\$ 225,000	\$ 162,567
\$ 151,667	\$ 75,512
\$ 348,333	\$ 514,040
\$ 583,333	\$ 892,362
\$ 583,333	\$ 602,607
\$ 833,333	\$ -
\$ 350,000	\$ 210,928
\$ 833	\$ 588
\$ 12,500	\$ 12,061
\$ 5,000	\$ 2,040
\$ 6,667	\$ 5,550
\$ 1,667	\$ -
\$ 50,000	\$ -
\$ 1,583,333	\$ 1,572,500
\$ 366,667	\$ 592,623
\$ 9,601,667	\$ 9,108,472

\$ 333,333	\$ 428,004
\$ 1,482,500	\$ 3,094,331
\$ 2,033,333	\$ 1,650,058

\$ 13,450,833 \$ 14,280,864

FY 22/23 OPERATING BUDGET UPDATE

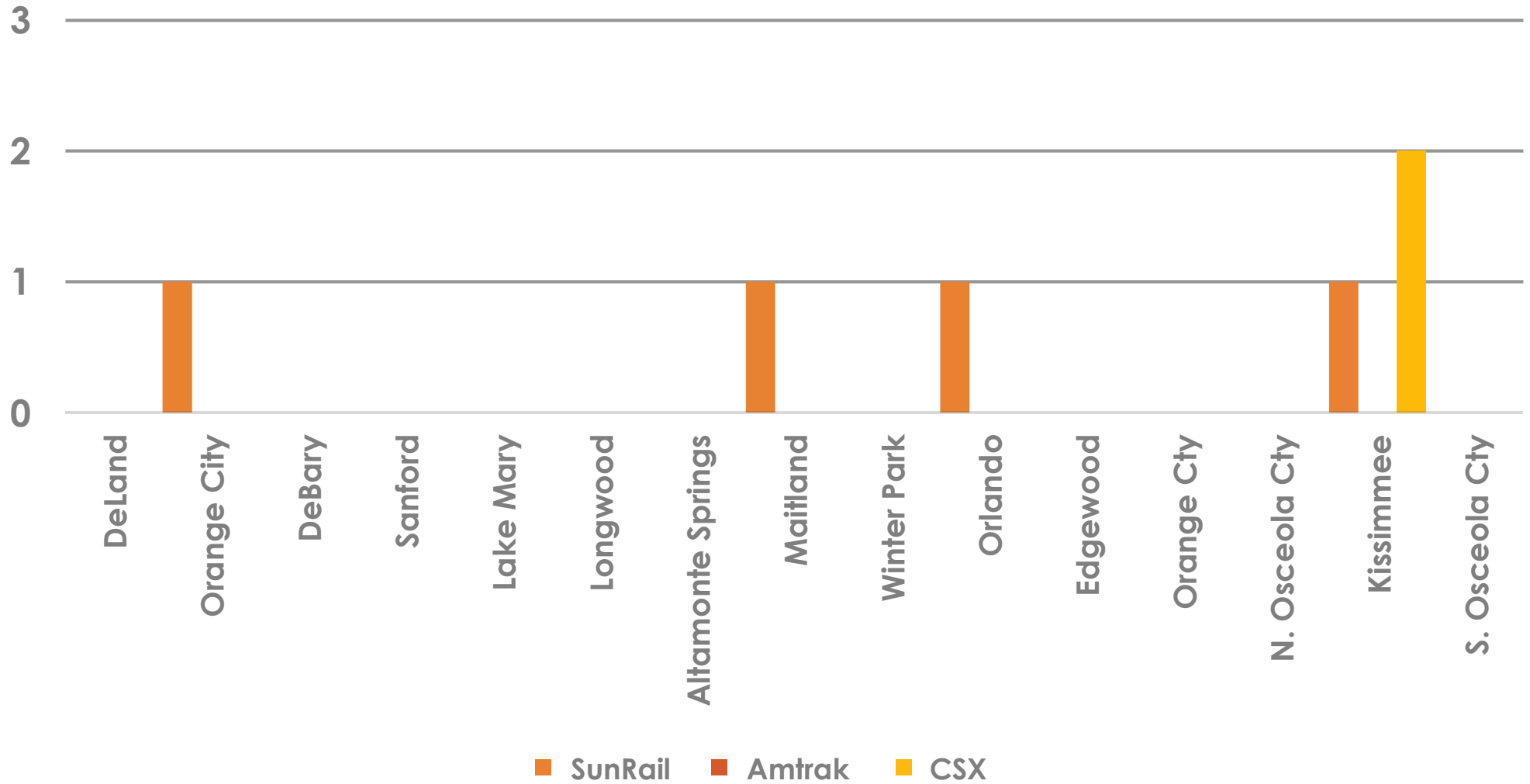


OPERATING REVENUE	ANNUAL BUDGET	YEAR TO DATE AUGUST 31, 2022	
		BUDGET	ACTUAL
Farebox revenue	\$ 2,200,000	\$ 366,667	\$ 376,046
CSX usage fees	\$ 3,850,000	\$ 641,667	\$ 909,372
Amtrak usage fees	\$ 956,000	\$ 159,333	\$ 191,338
FCEN usage fees	\$ 21,500	\$ 3,583	\$ 6,256
Right-of-way lease revenue	\$ 125,000	\$ 20,833	\$ 31,865
Ancillary revenue	\$ 235,000	\$ 39,167	\$ 21,323
<i>Subtotal - System revenue</i>	\$ 7,387,500	\$ 1,231,250	\$ 1,536,201
FTA §5307 - Urbanized Area Grant Funds	\$ 20,843,886	\$ 20,843,886	\$ 20,843,886
ARPA Grant Funds	\$ 13,184,483	\$ 13,184,483	\$ 13,184,483
TOTAL OPERATING REVENUE	\$ 41,415,869	\$ 35,259,619	\$ 35,564,570

REVENUE INCIDENTS BY CITY/COUNTY



July – August 2022





PTC SUCCESS

- Year to Date PTC Active Operating Percentage:
 - SunRail 99.5%
 - CSX 99.7 %
 - AMTRAK 99.6%

Through August 31, 2022



LYNX CONNECTIVITY

LYNX Fixed-Route Average Daily Boardings & Alightings by SunRail Station Area													
SUNRAIL STATION	Fiscal Year 2021												ANNUAL DAILY AVERAGE
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
Days of Operation	22	19	22	19	20	23	22	20	22	22	22	23	256
Sanford	112	279	266	219	211	228	146	271	256	196	173	222	215
Lake Mary	42	49	56	49	51	57	74	64	51	51	60	65	56
Longwood	39	57	50	65	62	66	69	66	40	51	51	53	56
Altamonte Springs	40	101	80	112	30	55	13	38	37	81	111	108	67
Maitland	15	12	14	12	11	10	15	14	12	10	15	10	13
Winter Park	201	227	255	236	234	241	227	226	168	216	227	217	223
Florida Hospital/Health Village	246	255	248	245	265	260	280	210	261	181	282	275	251
LYNX Central Station													-
Church Street Station													-
Orlando Health/Amtrak	17	20	20	12	13	17	18	17	21	18	17	18	17
Sand Lake Road	71	87	73	79	82	112	91	111	84	148	151	146	103
Meadow Woods	77	80	76	80	55	65	71	85	38	53	49	96	69
Tupperware	7	11	11	10	10	12	8	10	6	12	10	12	10
Kissimmee Intermodal													-
Poinciana	4	4	3	3	5	4	5	5	2	5	4	6	4
Total - All Stations	871	1,182	1,152	1,122	1,029	1,127	1,017	1,117	976	1,022	1,150	1,228	1,083
Percent change from FY 20 to FY 21	-54%	-32%	-19%	-30%	-45%	-34.3%	733.6%	34.6%	10.3%	4.7%	-21.2%	-7%	-27%

N/A – Ridership was not collected due to bus not having Automatic Passenger Counter (APC); as of August 2020 all LYNX vehicles are equipped with APC's.

*Due to COVID-19, Orange & Osceola Counties instituted a stay-at-home order on March 26 and bus service was reduced on March 30, 2020. This caused a drop in ridership.

**Bus service was re-instated on May 11, 2020.

**Bus service was not provided to this station during the reduced schedule that took place on March 30 and ended on May 9, 2020.





LYNX CONNECTIVITY

LYNX Fixed-Route Average Daily Boardings & Alightings by SunRail Station Area													
SUNRAIL STATION	Fiscal Year 2022												ANNUAL DAILY AVERAGE
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
Days of Operation	21	21	23	21	20	23	21	21	22	21	23		237
Sanford	233	237	258	225	259	246	289	261	258	268	252		253
Lake Mary	61	59	63	64	63	70	59	71	77	79	73		67
Longwood	60	63	58	53	53	61	65	61	58	62	71		60
Altamonte Springs	108	100	92	103	109	123	105	132	123	142	148		117
Maitland	12	13	14	15	13	19	21	17	17	19	16		16
Winter Park	233	236	260	231	240	256	225	234	256	268	276		247
AdventHealth	285	270	288	243	286	313	324	347	321	305	298		298
LYNX Central Station													-
Church Street Station													-
Orlando Health/Amtrak	24	19	25	25	23	24	25	28	26	33	29		26
Sand Lake Road	157	181	167	150	162	183	192	183	184	183	184		175
Meadow Woods	92	86	81	49	104	100	99	110	115	103	111		95
Tupperware	12	14	12	17	16	17	14	16	18	17	14		15
Kissimmee Intermodal													-
Poinciana	6	4	4	6	5	8	5	6	6	6	7		6
Total - All Stations	1,283	1,282	1,322	1,181	1,333	1,420	1,423	1,466	1,459	1,485	1,479	-	1,339
Percent change from FY 21 to FY 22	47%	8%	15%	5%	30%	26%	40%	31%	49%	45%	29%		24%

N/A – Ridership was not collected due to bus not having Automatic Passenger Counter (APC); as of August 2020 all LYNX vehicles are equipped with APC's.

*Due to COVID-19, Orange & Osceola Counties instituted a stay-at-home order on March 26 and bus service was reduced on March 30, 2020. This caused a drop in ridership.

**Bus service was re-instated on May 11, 2020.

**Bus service was not provided to this station during the reduced schedule that took place on March 30 and ended on May 9, 2020.





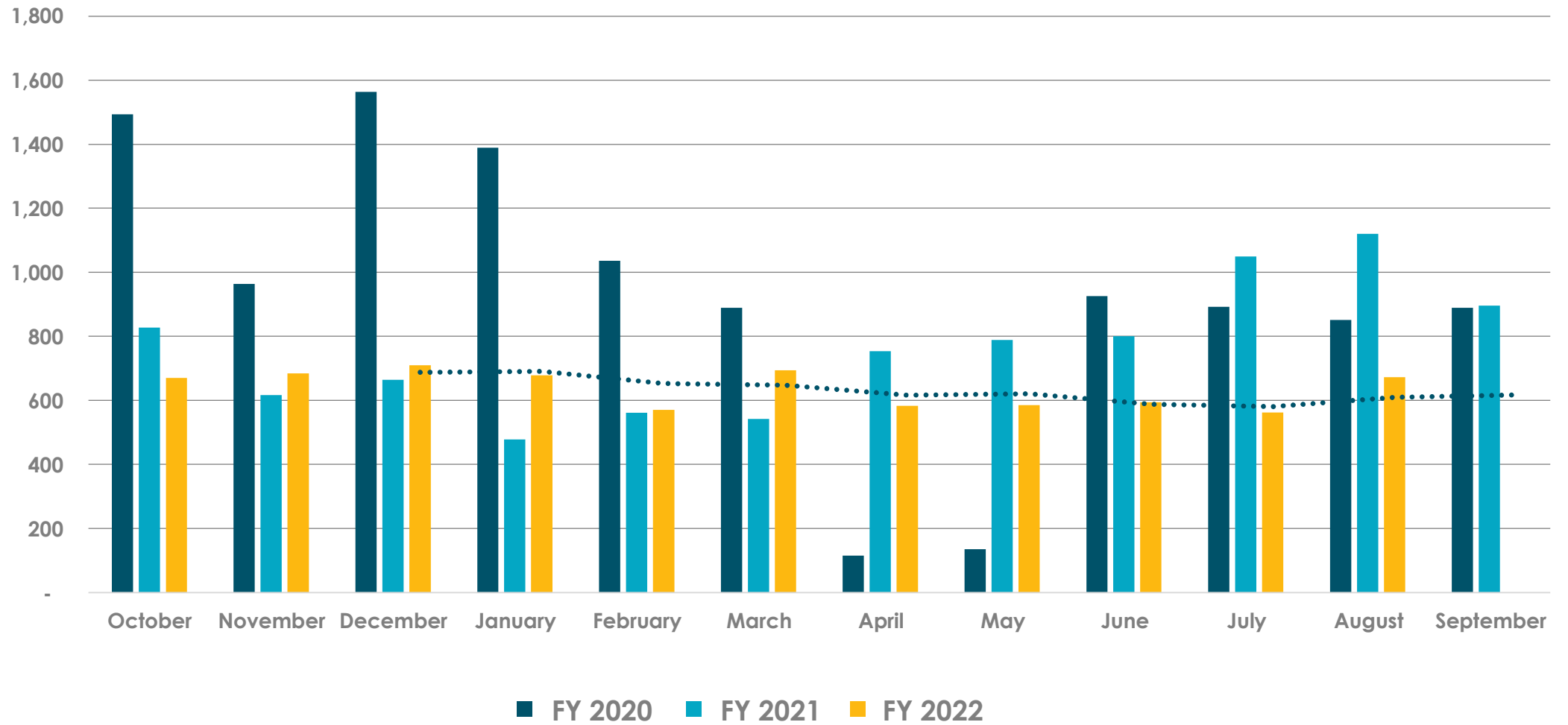
LYNX CONNECTIVITY

LYNX Feeder Bus Route Analysis (Phase II Routes)

LINK	August		Change	% Change
	FY21	FY22		
18	16,106	20,128	4,022	25%
418	3,714	5,001	1,287	35%
155	558	923	365	65%
306	1,306	1,871	565	43%
604	104	291	187	180%
631*	439	N/A	N/A	N/A
632*	209	N/A	N/A	N/A
709	806	1,444	638	79%
831*	N/A	759	111	25%

* - 631 and 632 were combined to form 831 in April 2022.

VOTRAN SUNRAIL CONNECTIVITY





VOTRAN CONNECTIVITY

June – August 2022

Activity at DeBary Station	Fiscal year 2020												Annual Daily Average
	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	
Days of Operation	23	20	21	22	20	22	22	20	22	23	21	21	257
Total Monthly Ridership	1,493	964	1,563	1,389	1,036	889	115	135	926	892	851	889	11,142
Avg Daily Ridership	65	48	74	63	52	40	5	7	42	39	41	42	43
Activity at DeBary Station	Fiscal year 2021												Annual Daily Average
	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	
Days of Operation	22	20	22	20	20	20	22	20	22	22	22		232
Total Monthly Ridership	827	616	664	478	561	542	753	788	800	1,049	1,120	896	9,094
Avg Daily Ridership	38	31	30	24	28	27	34	39	36	48	51	43	36
Activity at DeBary Station	Fiscal year 2022												Annual Daily Average
	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	
Days of Operation	21	21	23	21	20	23	21	21	22	20	23		236
Total Monthly Ridership	670	684	709	678	570	694	583	585	594	562	672		7,001
Avg Daily Ridership	32	33	31	32	29	30	28	28	27	28	29		30

NOTES: April and May of 2020 ridership decreased due to COVID-19, May 2020 ridership was not accurately counted due to fare suspension.



TRANSITION UPDATE

Ron Hartman



Technical Advisory
Committee
Presentation

October 12, 2022

SunRail

Transition Plan

Consulting

Services



Agenda

- Project Status Update
- Governance Option Discussion
- Discuss Next Steps and Timeline



Transition Analysis Status

Transition Analysis – What's Been Reviewed

Lessons
Learned
Nationally

Staffing
Analysis

Operational
Assessment

Contracts
&
Agreements

Financial
Assessment

Committee
Structure

Governance
Options



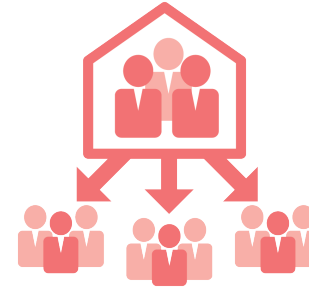
Governance Discussion

Three Potential Governance Options



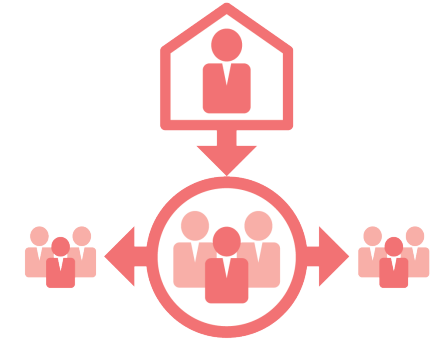
Option 1

CFCRC recruits comprehensive, in-house staff to provide all management, administration, and operating functions.



Option 2

CFCRC recruits in-house staff to provide management and administration functions while contracting out all operating services, like current FDOT organization.



Option 3

CFCRC recruits no staff and contracts all functions (management, administration, and operations) to another agency which may subcontract operating functions as indicated in Option 2.

Option 1 – Commission hires all staff as direct employees



Commission serves as Board/governing body.



Most expensive.



Creates new agency; must develop administrative processes – HR, procurement, etc.



Requires approximately 200 employees.



Requires rental/purchase of office space.



Highest level of liability without contractors to share risk.



Efficient execution of policy, decision-making, actions.



High cost, long interval to recruit in FL market.



Potential FRA concern over new operating team.

Option 2 – Commission hires leadership, administrative staff while all operating personnel provided through contracts



Commission serves as Board/governing body.



Second most expensive.



Creates new agency; must develop administrative processes – HR, procurement, etc.



Requires approximately 50 employees. (15 contract?)



Requires rental/purchase of office space.



Sheds risk from Commission to operating contractors.



Efficient execution of policy, decision-making, actions.



Medium cost and time to recruit in FL market.



Likely FRA confidence with continuing contractors.

Option 3 – Commission contracts entire organization/operating to existing agency - LYNX



Commission serves as Board/governing body.



Least expensive option all years.



Leverages experience, assets, services of existing agency.



Requires approximately 9 additional LYNX employees.



Utilizes existing LYNX office space.



Sheds risk from Commission to LYNX, contractors.



Commission policy and decision-making execution through LYNX CEO.



Requires agreement between Commission and LYNX.



SunRail and LYNX's reputations are connected.



Likely FRA confidence with continuing contractors.



Governance Options - Cost Comparison

Governance Options	(Q4 only) FY24 Total Costs*	FY25 Total Costs	FY26 Total Costs	FY27 Total Costs	FY28 Total Costs	FY29 Total Costs
Option 1	\$16.4	\$64.2	\$66.4	\$79.8	\$62.9	\$65.2
Option 2	\$15.8	\$61.8	\$58.1	\$60.2	\$61.3	\$63.6
Option 3	\$13.8	\$53.9	\$49.9	\$51.3	\$52.2	\$54.2

*Total costs estimates (net of all revenues) includes operations, capital maintenance, and insurance. LFP Fiscal Year.



Next Steps

GOVERNANCE DECISION

CFCRC Board approved Option 3 but no specific agency
yet

Activities Necessary for Implementation

Staffing

Financial

Administration
& Support

Contracts
& Agreements

Capital Delivery

Service Delivery

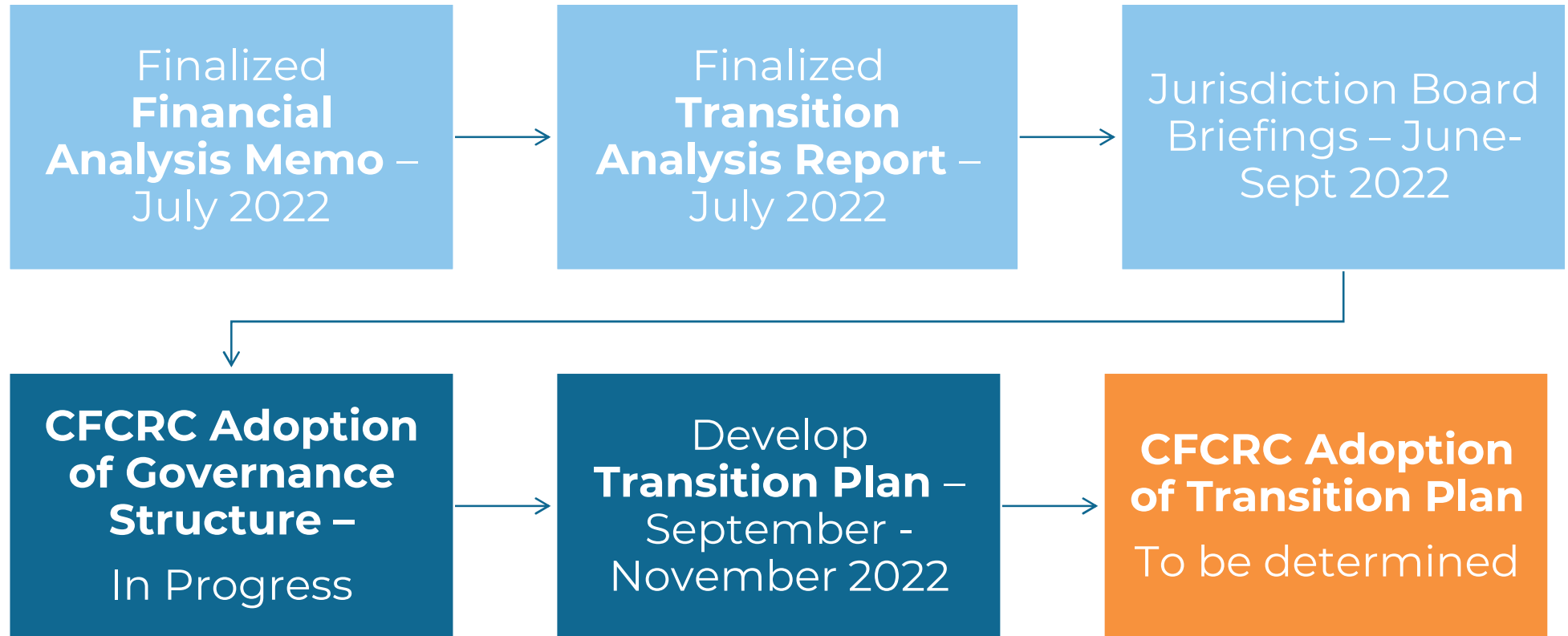
Operational
Update

Transition
Implementation
Program

Transition
Implementation
Schedule



Underway, Completed and Next Steps



Discussion/Questions

SUNSHINE CORRIDOR UPDATE

Brian Stanger



Sunshine Corridor CFCRC Update 10.12.2022



Organization

Steering Committee Group

Policy Group

Technical Group

Steering Committee Group

Continued to
discuss
impacts of
Sunshine
Corridor on
CFCRC
members

Reviewed
Draft
Resolution
before CFCRC
Consideration

Policy Group

Continued to
discuss
impacts of
Sunshine
Corridor on
CFCRC
members

Developed
Base Case for
Ridership
Study

Discussed FTA
Feedback from
the White
Paper

Reviewed
Notice of
Funding
Opportunity
for the State-
Fed
Partnership
Grant Program

Technical Group

Conducted
Technical
Tour of
Corridor

Began
Refining the
Base Case
and
Alternatives

Developed
Assignments
Matrix

Discussed
FTA
Feedback
from the
White Paper

Map

(Pending)

Moving Forward

Complete
Ridership Study

Plan Accordingly
Considering the
FTA's Respond to
the White Paper

Continue to
Collaborate to
Develop Cost
Estimates

Develop
Consensus on the
Locally Preferred
Alternative

FTA's Response Summary





Caution

- Continue to document official actions
- Keep technical conversations simple enough for broad understanding of implications
- Provide enough context for public consumption of documents



COMMITTEE MEMBER COMMENTS

NEXT MEETING

January 11, 2023

LYNX Central Station

Administration Building



THANK YOU

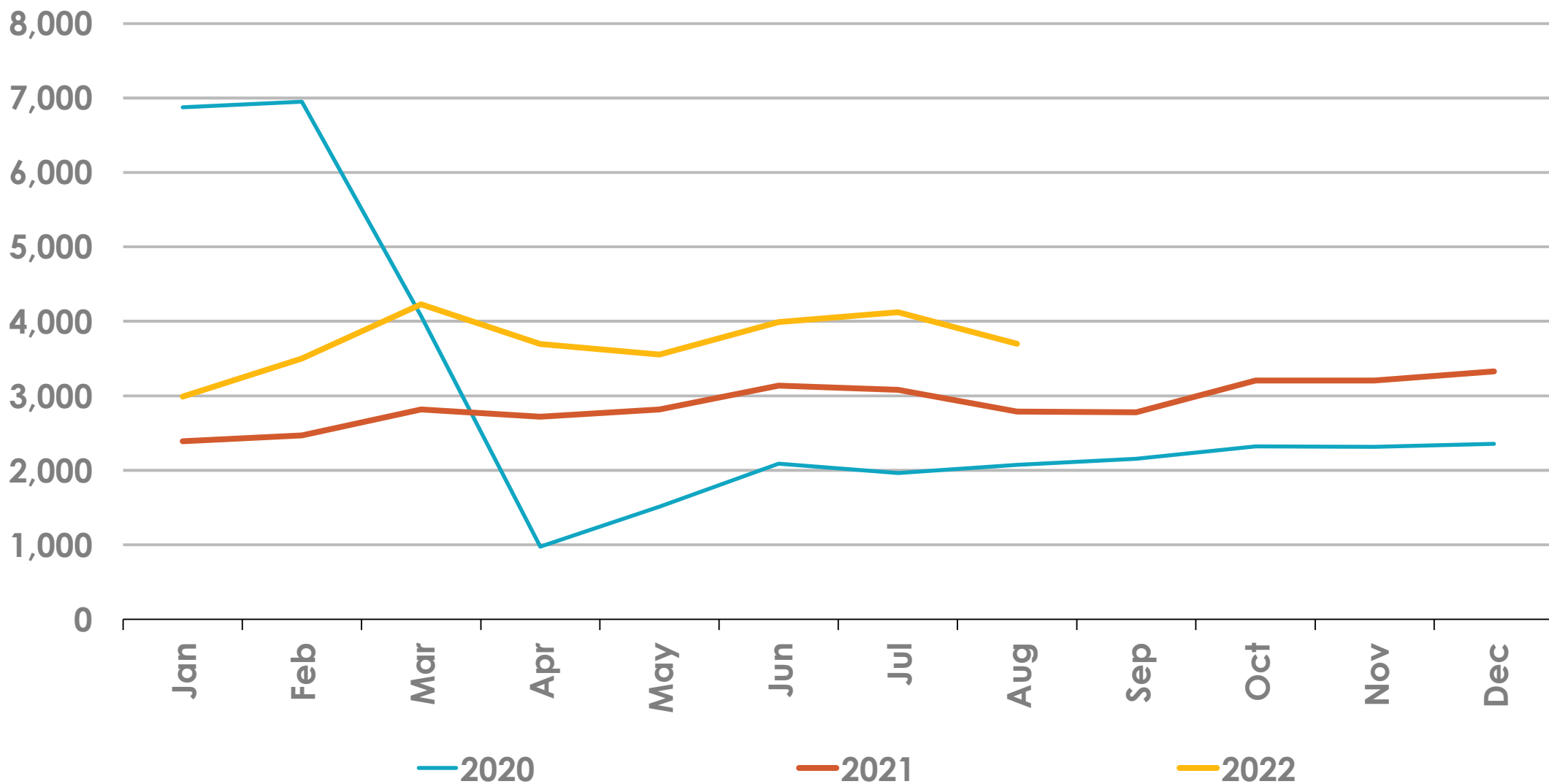


SUPPORTING CHARTS AND DATA



AVERAGE DAILY RIDERSHIP

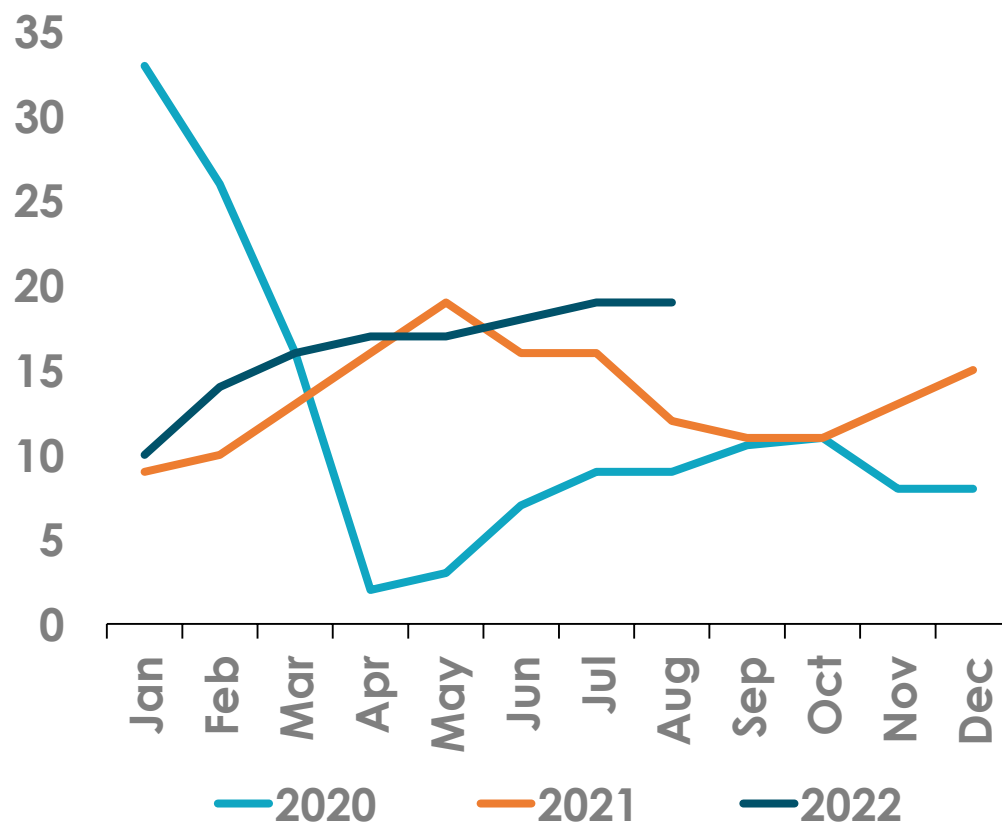
Jul – 4,125 | Aug – 3,701





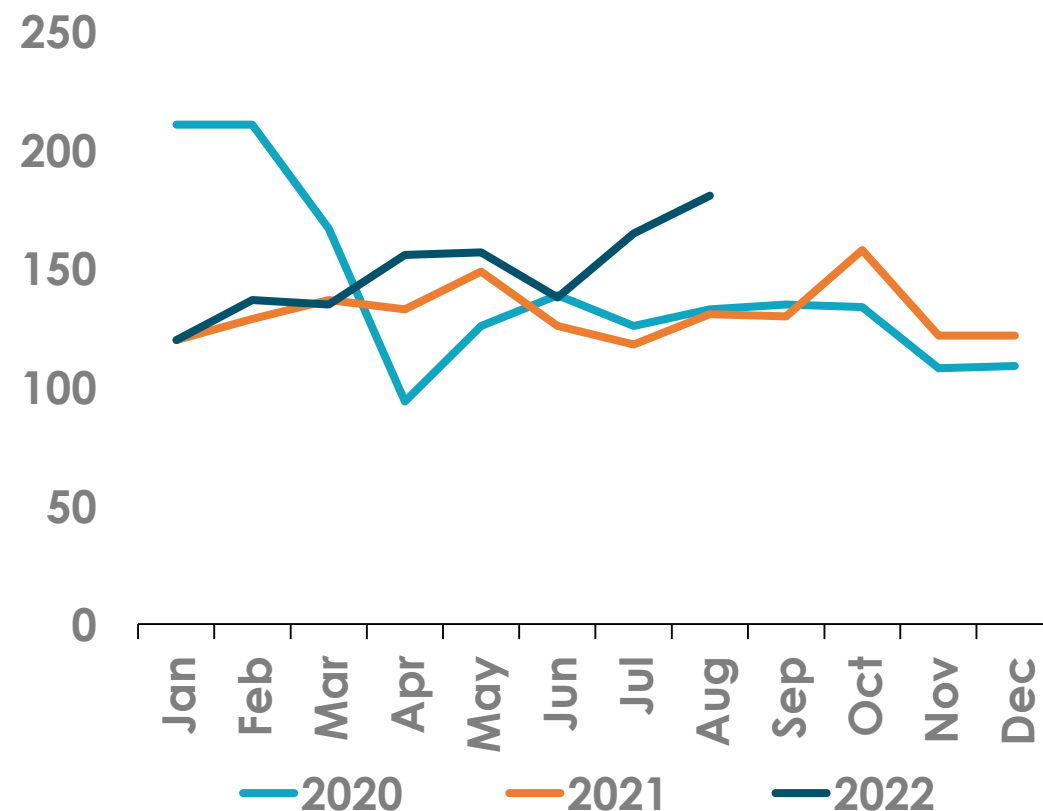
ADA

Jul – Aug Average: 19



BICYCLE

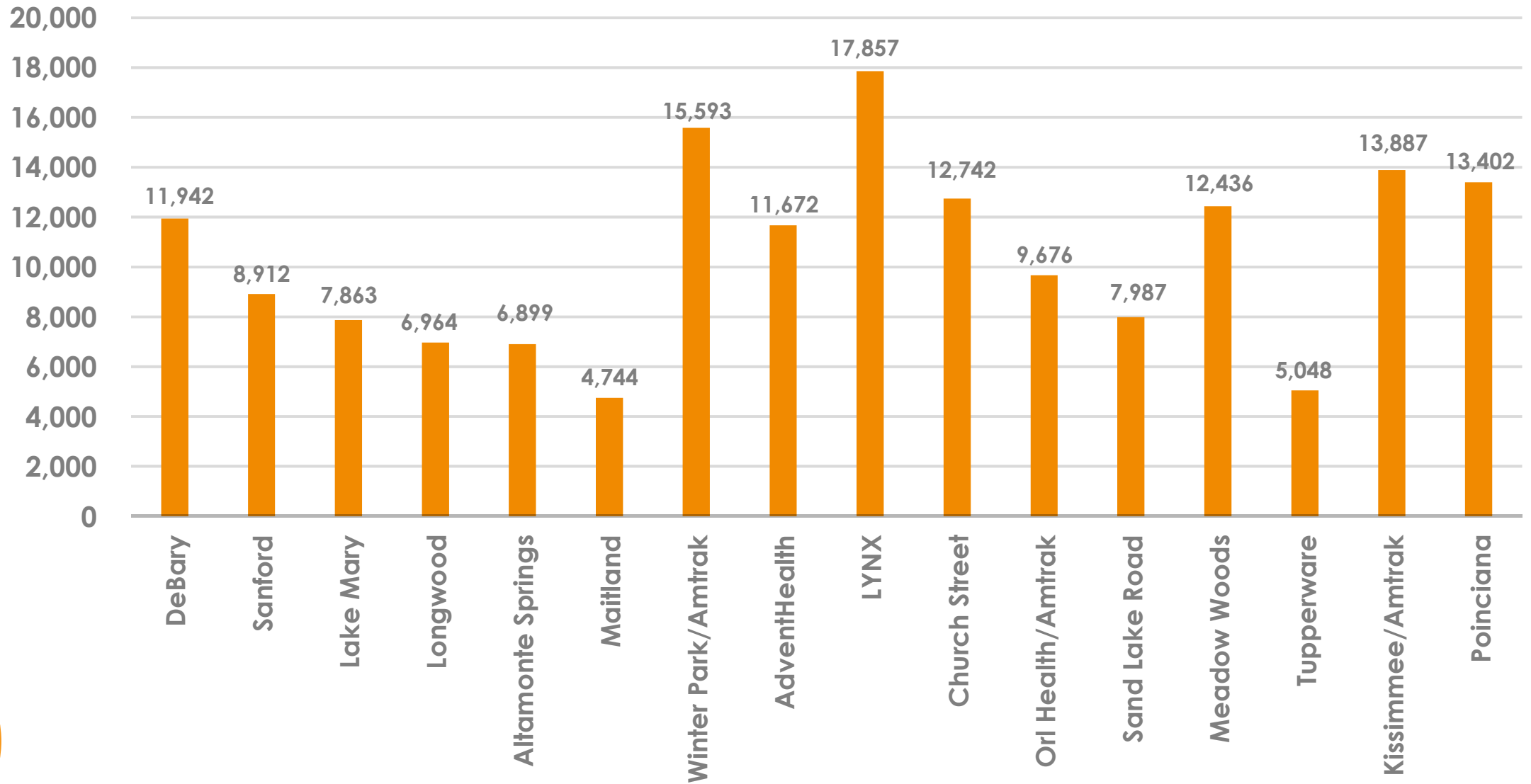
Jul – Aug Average: 178



BOARDINGS BY STATION

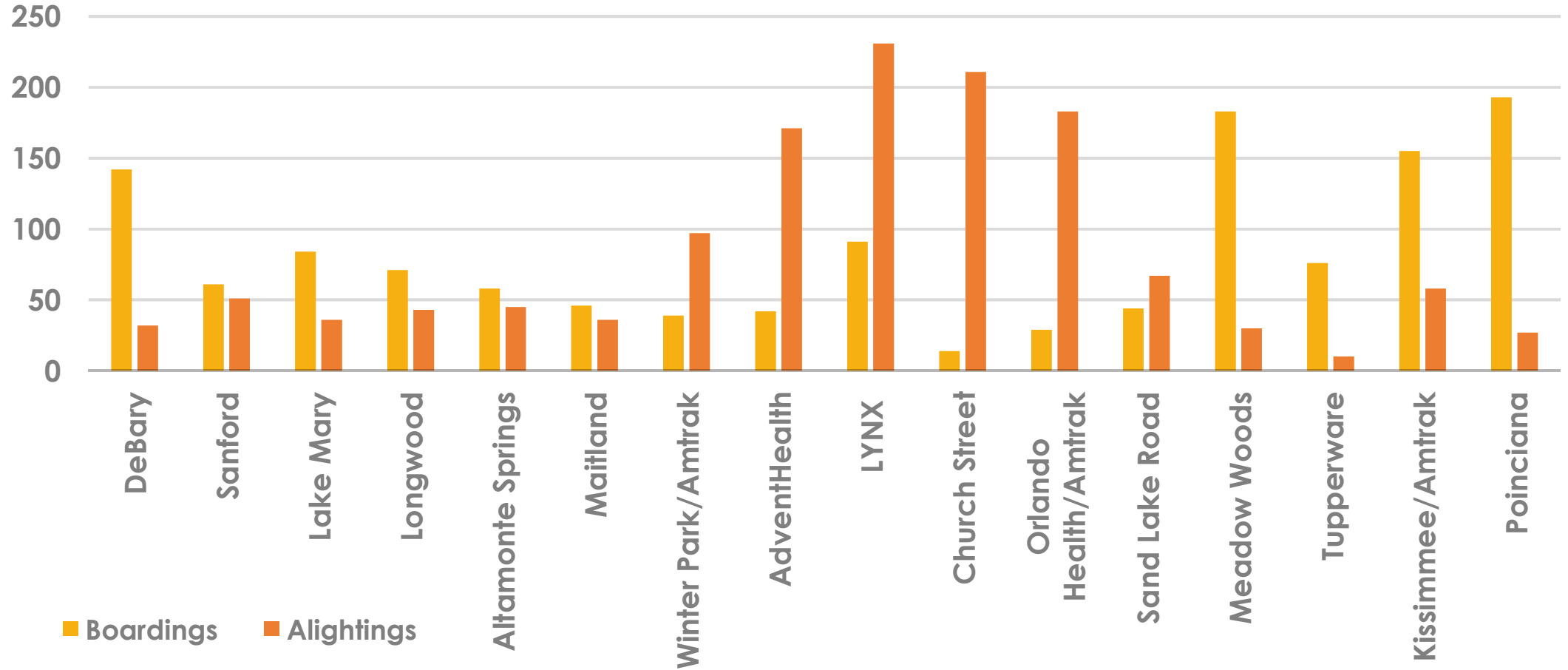


Ridership July – August 2022



BOARDINGS & ALIGHTINGS

AM PEAK
5:45 AM – 8:45AM (NB from Poinciana)
July – August 2022



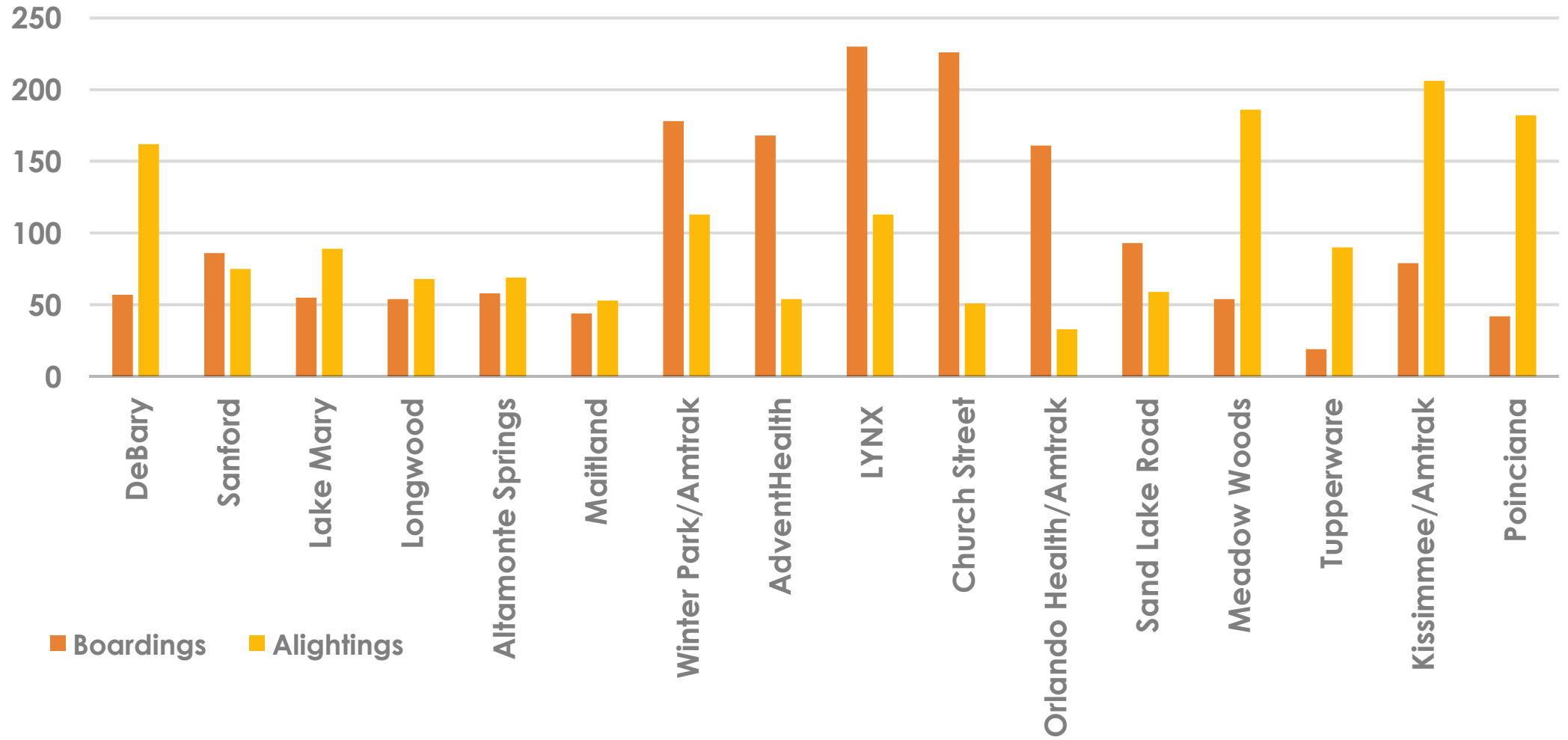
Boardings Alightings



BOARDINGS & ALIGHTINGS



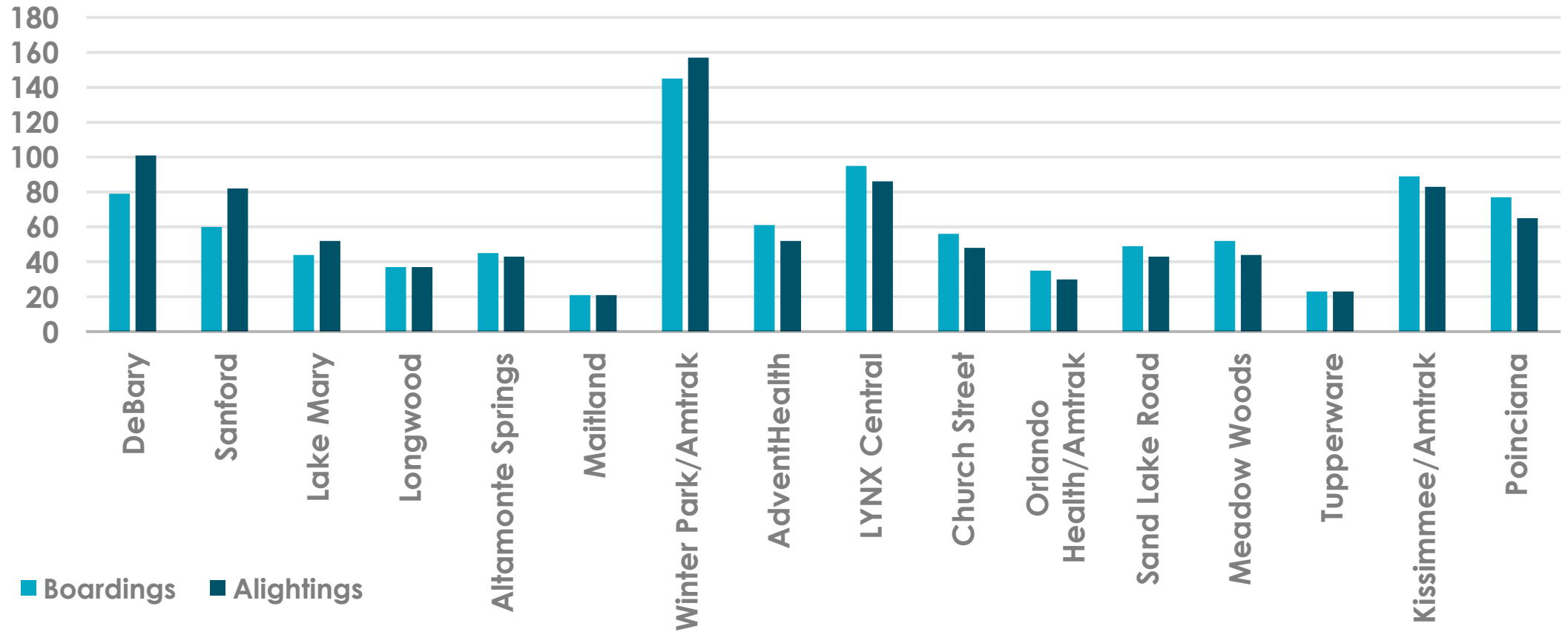
PM PEAK
3:15 PM – 6:25 PM (NB from Poinciana)
July – August 2022



BOARDINGS & ALIGHTINGS

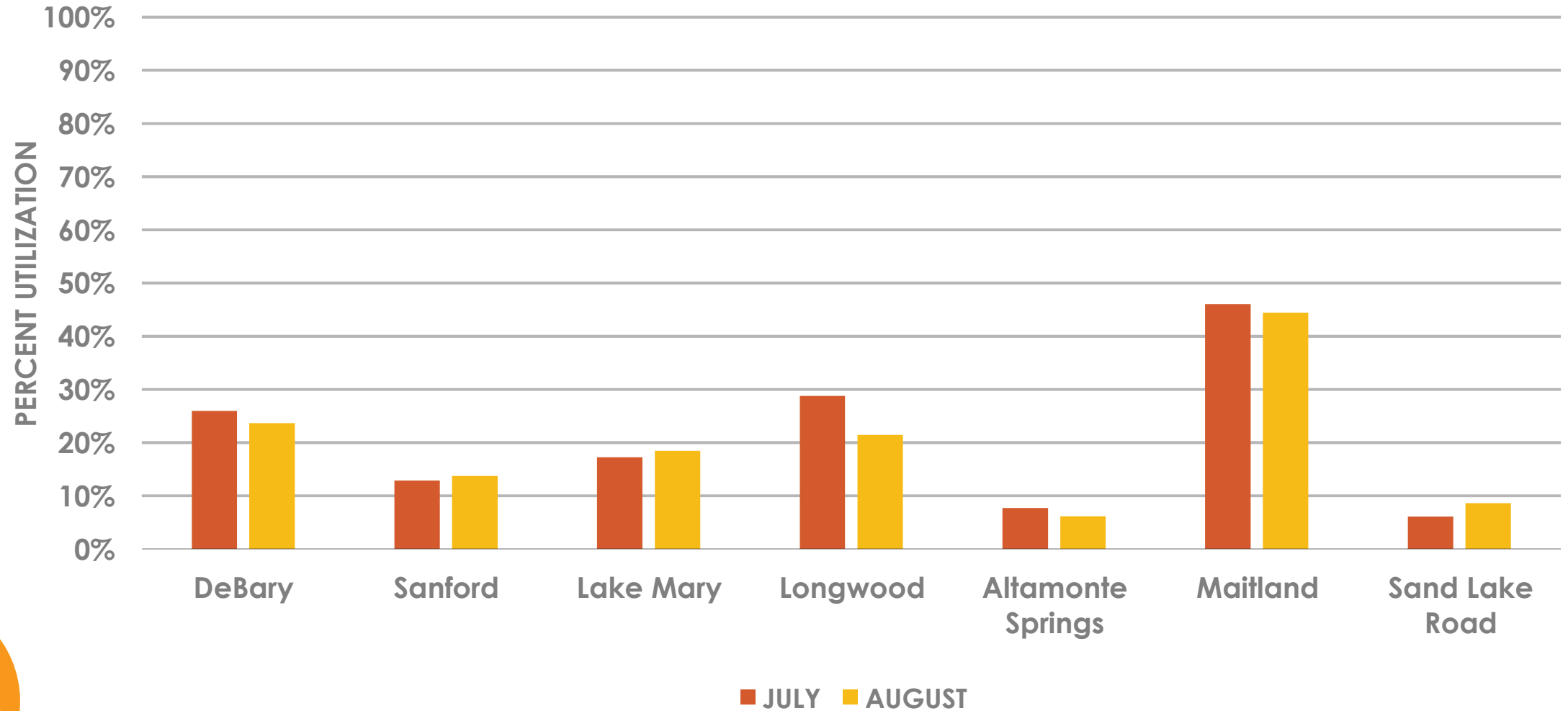


OFF PEAK
10:45 AM – 2:45 PM; 7:25 PM – 9:55 PM (NB from Poinciana)
July – August 2022



IOS STATION PARKING

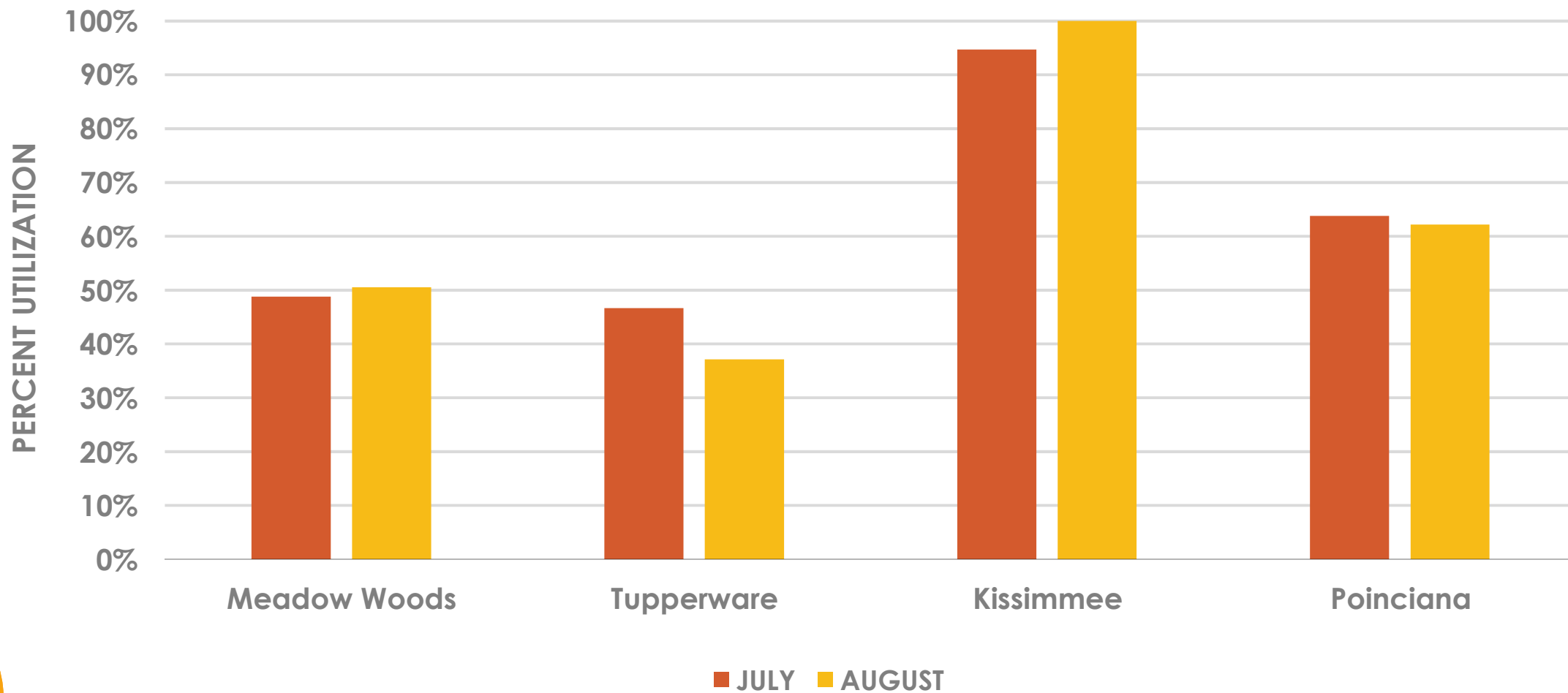
July – August 2022



SOUTHERN EXPANSION STATION PARKING



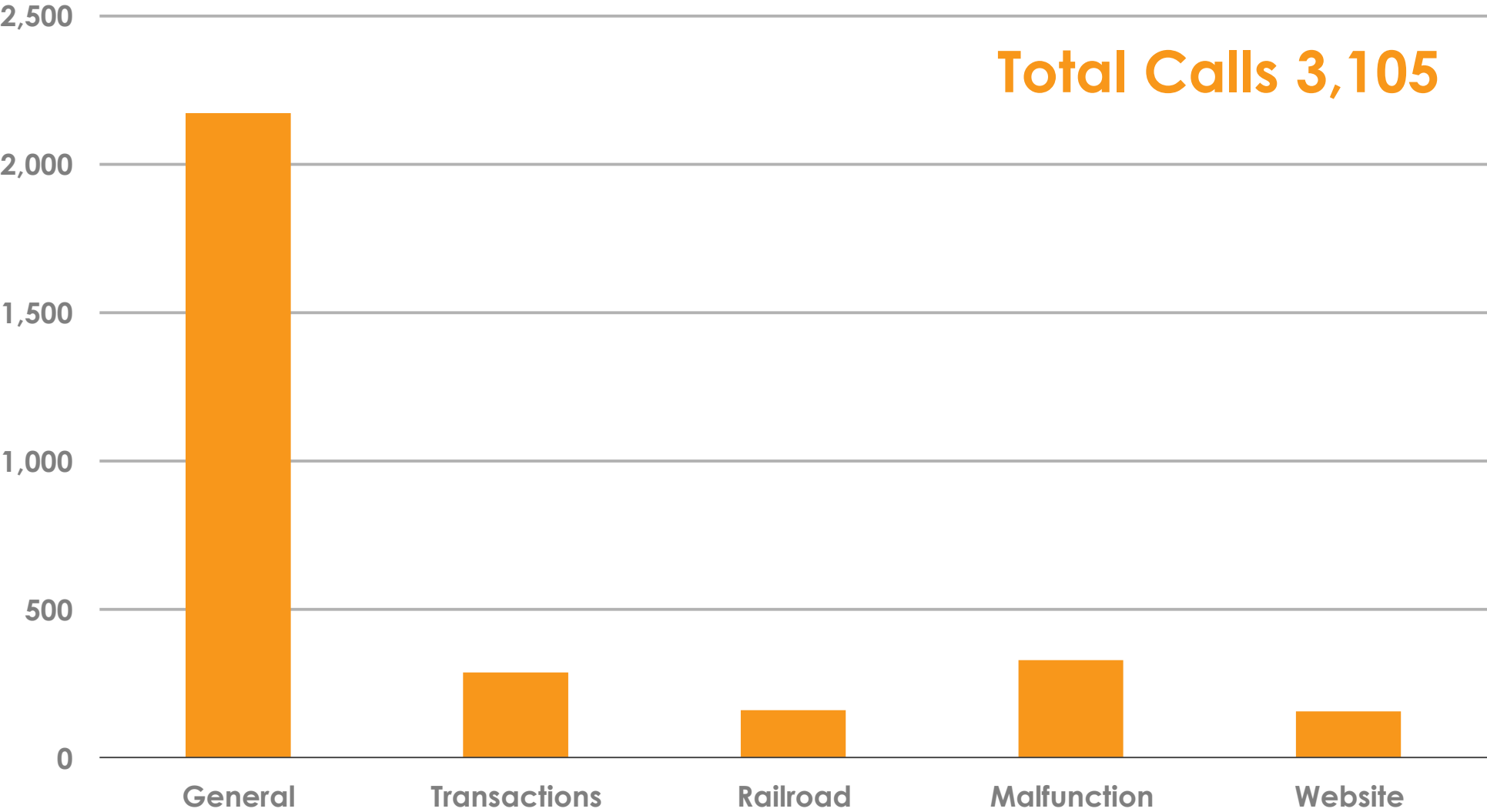
July – August 2022



CUSTOMER SERVICE CALLS



July – Aug 2022





TRAIN PERFORMANCE DETAIL

July – August 2022

Train Performance Overview		Trains	Percentage
On-Time		1609	93.5%
Late		107	6.2%
Annulled		4	0.2%
Total Trains Operated		1720	100.0%
Performance Detail	Days	Trains	Percentage
Dispatching	1	1	0.1%
Efficiency Testing	3	3	0.2%
Maintenance of Way	9	11	0.6%
Mechanical	6	11	0.6%
Other	5	19	1.1%
Passengers	10	14	0.8%
Police Activity	5	13	0.8%
Signals & Components	9	22	1.3%
Train Interference	2	2	0.1%
Trespasser/Grade Crossing/Near Misses	5	6	0.3%
Weather	1	9	0.5%
Total (Rounded)		111	6.5%

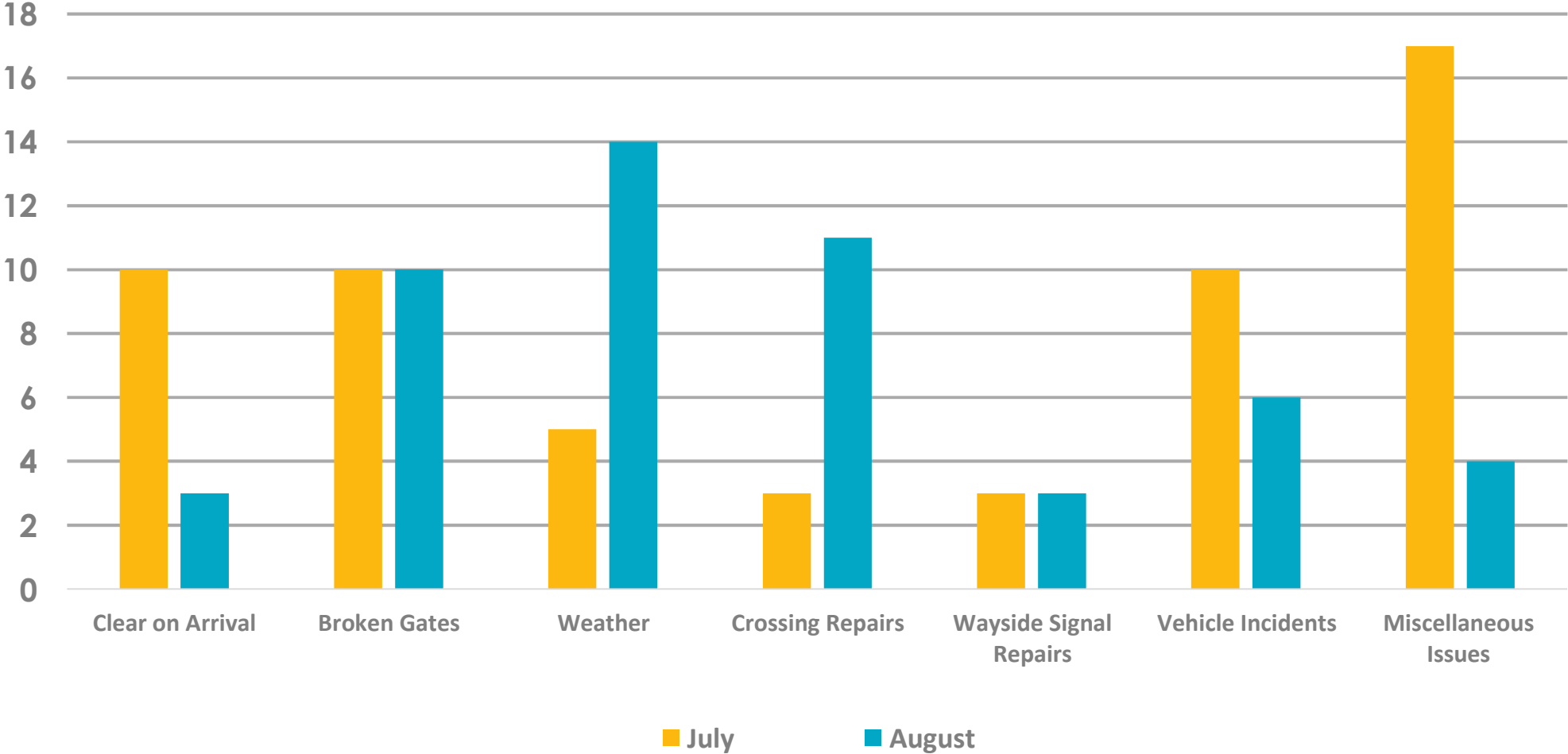
Note: Only categories with a value greater than zero are displayed and rounded to one decimal.



CFRC SIGNAL SYSTEM INCIDENTS



JULY – AUGUST 2022



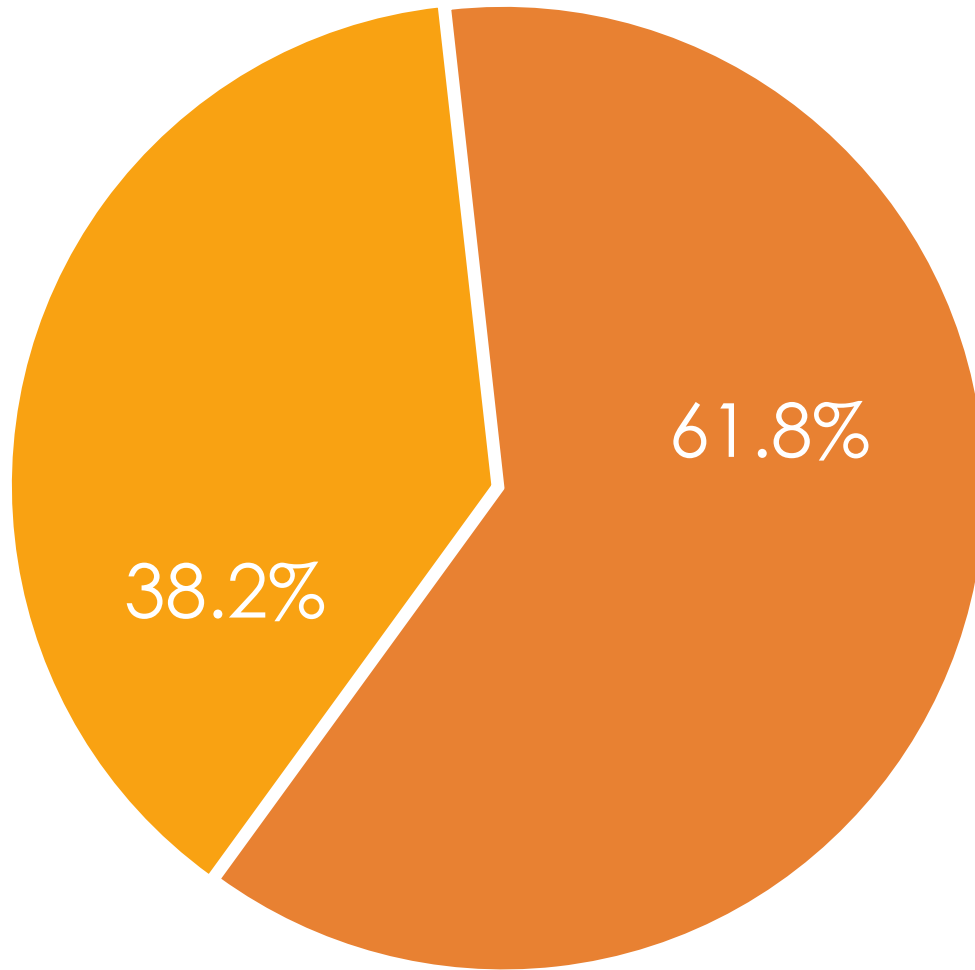


QUIET ZONES

Jurisdiction	Status
Edgewood	Quiet Zone Established
Orange County	Quiet Zone Established – Final Cost sent to Orange County for budget/approval - LFA to be developed
Maitland	Quiet Zone Established
Winter Park	Quiet Zone Established
Seminole County	Installing four-quadrant gates at Merritt St. LFA Executed – Construction in Progress – approximately 2 months to complete
City of Orlando	Quiet Zone Established
City of Kissimmee	Quiet Zone Established

Local communities may apply for quiet zones and information is available on the “About” page at SunRail.com





■ Maintenance ■ Improvements

■ **Maintenance**

Non-recurring corrective or preventive maintenance or in-kind replacement

■ **Improvements**

Extend the useful life, increase the value or add new uses

