TECHNICAL ADVISORY COMMITTEE

July 13, 2022





Central Florida Commuter Rail Commission Technical Advisory Committee

Date: July 13, 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. Meeting Minutes Approval: October 19, 2020 April 13, 2022
 - Approval is required of the TAC virtual workshop meeting minutes. Copies of the minutes were previously provided as part of the respective meeting agendas. List of dates shown on page 3.
- VI. Public Comments
 - Nadia will call those in person to approach the podium in the LYNX Board Room
 - o 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 Bruce Detweiler, Interim Director of Planning & Development
 - ii. Votran Kelvin Miller, General Manager

VIII. Transition Consultant Update

a. Transition Update – Alan Danaher

IX. Sunshine Corridor Update

a. Project Update – Brian Stanger

X. Committee Member Comments

IX. Next Meeting - Proposed

a. Next Meeting – October 12, 2022 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.



Central Florida Commuter Rail Commission Technical Advisory Committee

Meeting Minutes Approval: October 9, 2019 – April 13, 2022

October 9, 2019 TAC Minutes - https://corporate.sunrail.com/wp-content/uploads/2019/10/TAC-Meeting-Materials-October-9-2019.pdf

January 15, 2020 TAC Minutes - https://corporate.sunrail.com/wp-content/uploads/2020/01/TAC-Meeting-Material-01-24-20 rev1.pdf

October 14, 2020 TAC Minutes - https://corporate.sunrail.com/wp-content/uploads/2020/10/TAC-Meeting-Materials-October-14-2020.pdf

January 13, 2021 TAC Minutes - https://corporate.sunrail.com/wp-content/uploads/2021/01/TAC-Meeting-Materials-%E2%80%93-January-13-2021.pdf

April 14, 2021 TAC Minutes - https://corporate.sunrail.com/wp-content/uploads/2021/04/TAC-Meeting-Materials-April-14-2021.pdf

July 14, 2021 TAC Minutes - https://corporate.sunrail.com/wp-content/uploads/2021/07/TAC-Meeting-Materials-July-14-2021.pdf

October 13, 2021 TAC Minutes - https://corporate.sunrail.com/wp-content/uploads/2021/10/TAC-Meeting-Materials-October-13-2021.pdf

January 12, 2022 TAC Minutes - https://corporate.sunrail.com/wp-content/uploads/2022/01/TAC-Meeting-Materials-January-12-2022.pdf

April 13, 2022 TAC Minutes - https://corporate.sunrail.com/wp-content/uploads/2022/04/TAC-Meeting-Materials-April-13-2022.pdf

April 13, 2022

Technical Advisory Committee Meeting

2:00 p.m.

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

Attendees

Cade Braud, City of Orlando
Rick Werbiskis, City of DeLand
Jon Cheney, Volusia County
Brian Sanders, Orange County
Don Marcotte, City of Winter Park
Alyssa Eide, City of Maitland
Shad Smith, City of Longwood
Bill Wharton, Seminole County
Alisha Maraviglia, City of Altamonte Springs
Christopher Carson, City of Lake Mary
Miten Patel, City of Sanford
Nabil Muhaisen, City of Kissimmee

Joseph Barker, City of DeBary Bruce Detweiler, LYNX Sarah Larsen, MetroPlan Orlando Kelvin Miller, Votran Nadia Hernandez, FDOT Patricia Ruffino, FDOT Mike Carman, SunRail Sandra Gutierrez, SunRail George Gault, SunRail Linda Nesbitt, SunRail Regina Marini Cargill, Evolve Today Michael DePallo, WSP Ron Hartman, WSP

Minutes

Meeting was called to order by Mr. Cade Braud, City of Orlando (in attendance for Crissy Martin) at 2:00 p.m. Pledge of Allegiance

Meeting was held virtually.

Announcements: Presenter: Cade Braud

- Mr. Braud sat in for Vice Chair
 - Governor's orders allow for in-person meeting, but since this is a workshop-style meeting, no action items, minutes, or approvals will be handled.

Information Items: Presenter: Cade Braud

• Meeting Minutes: January 12, 2022 meeting minutes available online.

Public Comments:

• No public comments were made

Agenda Item: SunRail Transition Consultant Update Presenters: Michael DePallo and Ron Hartman

- Transition Plan
 - Update on Transition Analysis (Michael DePallo)
 - Mr. DePallo started off by explaining the status of the transition study process. Currently, the Transition Analysis Report is being compiled. All tasks are complete.
 - Mr. DePallo explained the framework of the Transition Analysis Report, which includes topics such as contracts & agreements, committees, the operational assessment, and ending with lessons learned from other systems.
 - The next slide showed the major operating contracts and expiration dates, and recommendations to reprocure or assume, and when.
 - The staffing/committee's analysis is mostly complete, though the completion of agency options and recommendations is ongoing. All internal committees—Executive Safety and Security, Configuration Control Board, FTA Coordination, FRA Coordination, Operations Staff Meeting, Customer Service/Marketing, and Small Group Budget Review—are recommended to maintain.
 - As per the Interlocal Agreements, the required advisory committees, CAC, and TAC, are also recommended to maintain, though it's recommended that the board reevaluate the role of TAC.
 - There are three potential new committees: SunRail Oversight, SunRail Finance and Audit, and SunRail Risk Management.
 - Regarding the fare systems, the new fare system will employ different fare media, which will require:
 - Detailed plan to replace existing SunCards
 - > Transfer management of existing accounts to new system, and
 - Customer outreach program needs to be developed
 - The installation of the new system will take time, and for several weeks, both systems will be
 operating simultaneously.
 - Also recommended is independent third-party oversight, as the fare collection system transition heightens public awareness complexity and risk.
 - Finally, the project schedule will be reviewed with FDOT, possibly at the next Working Group meeting.

- o Refined Governance Alternatives Analysis (Ron Hartman)
 - The first option is the commission recruiting a full, in-house staff, which means everything that's contracted out now will move in-house, which would require approximately 222 positions.
 - Option 2 mirrors what FDOT does now: contracting out all operating services and recruiting inhouse staff to provide management and administration functions, resulting in 35-50 new positions.
 - Option 3 uses a similar model as option 2, but contracts everything to another organization.
 LYNX would be the most likely agency to contract to.
 - There are three potential transition timelines. Most existing operating contracts expire on June 30, 2024. The timeline charts show, based on the three options, when existing operating contracts, GEC contract (Rail Oversight), Rail Operations SunRail staff, Admin SunRail staff, and new bundled contracts would begin and/or end.
 - A scoring chart showed how each of the three options fared based on cost, transition time, execution of policy, FRA satisfaction, and risk level. Option 2 scored highest at 22 points, though not far ahead of Option 3 at 19.
 - The Financial Analysis is ongoing, currently being reviewed with Steering Group
 - In the Analysis, the estimated operating costs for all three options were laid out for FY 2025 through FY 2029.
 - Additionally, revenues were estimated over the same period, considering fare revenue, rail track usage, advertising, and federal grants.
 - The assumption is to extend contracts as far out as possible to ease the transition.

Operational Analysis

- A review of the past 3 years of FRA inspection findings and/or violations have not shown any systemic maintenance, operations, or safety issues, and compare favorably with other peer commuter rail systems.
 - Regional FRA safety inspector took no significant exception to SunRail's CFR regulatory compliance.
 - In review of the 2019 September 2021 data provided, SunRail did not have a single on-duty employee reportable injury.
- The Federal Railroad Administration (FRA) is confident in and comfortable with the SunRail operation and has indicated that a change in oversight by another agency would only require minimal updates to existing plans and documentation in-place if there are no changes to the existing contractors.
- SunRail infrastructure is in a State of Good Repair (SGR)
 - Field reviews and analysis of the current 5-Year Capital Plan (2021-2025) show that FDOT has funded and maintained the CFRC adequately, and any remaining SGR items are scheduled to be complete in first 2-3 years of the current 5-Year capital plan.
 - > There were no findings that would indicate that a change to the current Operating Rules or Timetable would be needed as part of the transition.
- Schedule Update
 - Transition Analysis
 - · Draft Financial Analysis Memo March
 - · Steering Group Workshop on Memo March 29
 - · Draft Transition Analysis Report Early April
 - · Steering Group Review of Report Late April
 - Presentation to CFCRC Board May 5
 - Transition Plan
 - · Draft Plan June
 - Steering Group Review July
 - · Presentation to CFCRC Board and Committees August
 - Agency Board Briefings September/October
 - Final Plan November

Agenda Item: Agency Update

- School Is Out, Spirit Is In
 - o Presidents' Day Promotion—February 21, 2022
 - o Students and faculty ride FREE when they wear school merchandise
 - Highest ridership day 4,516
- Orlando Magic Train-to-Game
 - o Fans ride SunRail FREE to and from home games
 - o Later southbound train for home games funded by Orlando Magic
 - Game nights are our top ridership days
- Spring Break Success
 - o Later southbound train service was provided all week
 - o Friday's Winter Park Art Festival accounted for highest ridership since Feb. 2020
 - March 18 = 7,742
 - 28,585 riders for the week, a 49% increase over the week prior
- Total Monthly Riders
 - 2022 has seen a 40% increase in ridership over the same time period in 2021
- DeLand Phase 2 North
 - o Bids were opened, but award was protested
 - o Protest was then resolved Contract has been executed
 - Planning Ground-breaking Ceremony Date TBD
 - Signals Will be negotiating a separate contract amendment with Herzog utilizing the existing Signal Maintenance Contract

Presenter: Michael Carman

- Fare Collection System Status
 - Selected vendor moovel North America to replace the current fare collection system
 - o Executed Agreement: October 19, 2021
 - Hit the ground running ordering machines, designing system
 - Expect Go-Live: 1st Quarter 2023
- Group Rides are Back
 - o Group travel is more fun when SunRail gets you there!
 - o Advance fare payment & ticket-free travel at Website
 - o Keeping you safe! FRA mask mandate for onboard travel expires on April 18, 2022.
 - CDC will extend this for 15 more days and TSA will probably follow suit
- On-time Performance Average
 - o From December 2021 to February 2021, the goal was 95%, while the actual came to 96.4%, with the contract on-time performance being 99.0%
 - Of the 64 operating days and 2,560 trains run, 50 days saw on-time performance
 - The graph presented also shows actual on-time performance in the mid-90s (%) from 2014 to present day.
- Revenue Incidents by City/County
 - There were several incidents that occurred including 4 by SunRail, 2 by Amtrak, and 2 by CSX.
 - o We are working with Google Maps and Waze to provide better clarity between roads and tracks.
 - o Mr. Carman asked for any questions regarding the incidents, and Rick Werbiskis asked about a date for the groundbreaking ceremony for the Phase 2 North expansion.
 - The response was given that no date has been set yet and everyone will be informed when it is set.
- Average Daily Ridership
 - The graph shows 2020-2022, with December 2021 at 3,329; January 2022 at 2,988; and February 2022 at 3,500.
- Boarding by Station
 - Winter Park and LYNX stations show the most boardings at/around 22,500 at each of the two.
- Positive Train Control (PTC) Success
 - O Year to Date PTC Active Operating Percentage:
 - SunRail 99.8%
 - CSX 99.5 %
 - Amtrak 99.0%
 - o February and March 2022 were 100%

- FY 21/22 Operating Budget Update
 - o Budgetary information was presented
 - o Total operating costs, capital maintenance, and consultant support equals \$83,498,560
 - We are on (and ahead of) budget currently
 - o Total Operating Revenue is \$31,341,011

Agenda Item: LYNX Connectivity

- Ridership
 - o FY 2021 was down about 27% compared to FY 2020
 - February 2021 was down 45% compared to February 2020
 - o Looking at FY 2022, the opposite is happening with an 18% increase over previous year

Presenter: Bruce Detweiler

Presenter: Kelvin Miller

Presenter: Cade Braud

- February 2022 has an increase of 30% over February 2021
- o Highest ridership is at Sanford, Winter Park, AdventHealth, and Sand Lake stations
- Feeder Bus Route Analysis
 - Comparing February 2021 with February 2022, all links are showing an increase.

Agenda Item: Votran Bus Connectivity

- February 2022
 - o Ridership this year is increasing, about a 4% so far.
 - Average ridership is about 31 a day.

Committee Member Comments:

Joseph Barker with the City of DeBary provided the TAC members with information regarding the TOD snapshot of projects by county. Since the last update, DeBary has added multiple projects to the pipeline. In addition to the 289 Integra Luxury Apartments being fully built out, developments include the DeBary Towncenter (The Junction), with 160 single family lots, 16 mixed use buildings, and 11 commercial tracks. There are also three other developments—DeBary TownPark, the Beaulieu development, and DeBary Mainstreet.

Meeting adjourned: 2:53 p.m.

Next meeting: Scheduled for Wednesday, July 13, 2022, at 2:00 p.m., Location TBD

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.





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

JACQUELINE PARAMORE

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







WELCOME





CHAIR'S REPORT

Ms. Tawny Olore

ACTION ITEMS

ADOPTION OF APRIL 13, 2022 MEETING MINUTES





PUBLIC COMMENTS

AGENCY UPDATE

Charles M. Heffinger Jr., P.E. Chief Operating Officer





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









- Groundbreaking event plans in progress
- Dedicated trolley to Downtown DeLand in discussion
- Logo unveiling 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 restaurants within walking distance
- Social media campaign in July
- Short video format for best engagement





COMMUTER CAMPAIGN

- Joint effort with downtown partners
- Highlight SunRail's value, in view of gas prices
- Eblast, website banners, social media, commuter rider stories, blog posts
- Billboard support along I-4 corridor coming soon





IT'S TIME TO TRAIN YOUR COMMUTE



Train time means saving money on gas, avoiding traffic, catching up on emails, or even meeting new friends.

Did you know we offer fare discounts for weekly, monthly, and annual passes?



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







ABOVE AVERAGE

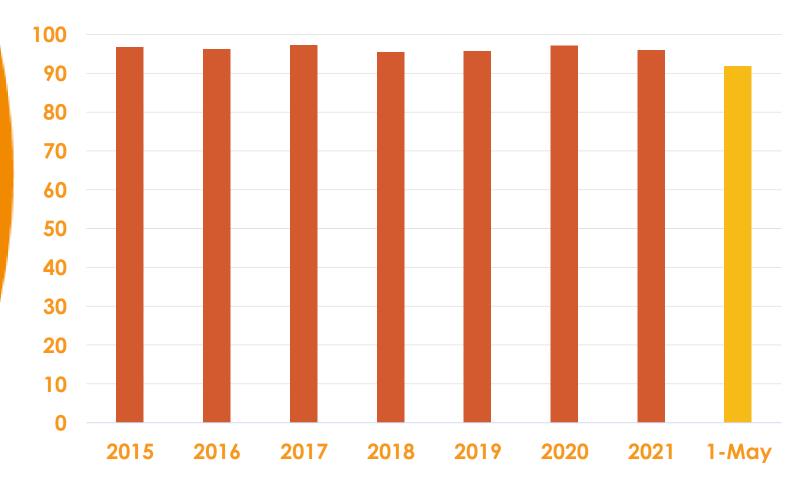
- On-Time 50 Days
- 64 Operating Days
- Ran 2,560 Trains



ON-TIME PERFORMANCE AVERAGE

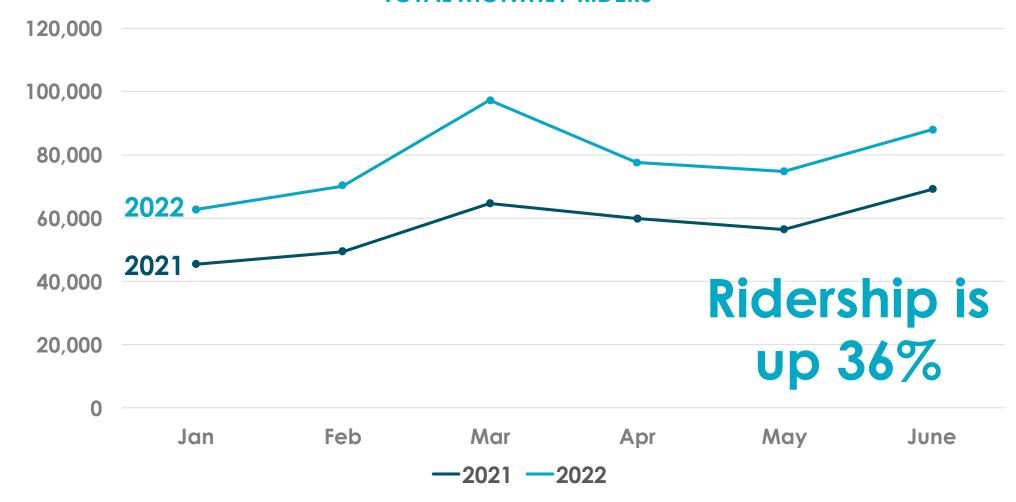
April 2022 – June 2022

Goal = 95% Actual = 95.5% Contract = 98.99%



From inception and current month.

TOTAL MONTHLY RIDERS







PTC SUCCESS

Year to Date PTC Active
 Operating Percentage:

SunRail 99.9%

• CSX 99.5 %

AMTRAK 99.6%

Through July 1, 2022



LYNX CONNECTIVITY

	LYNX Fixed-Route Average Daily Boardings & Alightings by SunRail Station Area													
	Fiscal Year 2021													
SUNRAIL STATION	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	DAILY AVERAGE	
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		74	64	51	51	60	65	56	
Longwood	39	57	50	65				66	40	51	51	53	56	
Altamonte Springs	40	101	80	112			7	38	37	81	111	108	67	
Maitland	15	12	14	12		Update		14	12	10	15	10	13	
Winter Park	201	227	255	236		Pending	\$	226	168	216	227	217	223	
Florida Hospital/Health Village	246	255	248	245				210	261	181	282	275	251	
LYNX Central Station													-	
Church Street Station			T	I				I		I			-	
Orlando Health/Amtrak	17	20	20	12	13	1/	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													
CUMPAU STATION	Fiscal Year 2022													
SUNRAIL STATION	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	DAILY AVERAGE	
Days of Operation	21	21	23	21	20								106	
Sanford	233	237	258	225	259								242	
Lake Mary	61	59	63	64	63								62	
Longwood	60	63	58	53									57	
Altamonte Springs	108	100	92	103	7		Ţ						102	
Maitland	12	13	14	15		Update							13	
Winter Park	233	236	260	231		Pendin	g						240	
AdventHealth	285	270	288	243			,						274	
LYNX Central Station		!	ļ.					ļ	l	ļ		ļ.	-	
Church Street Station		1	T					·	-	•	T	·	-	
Orlando Health/Amtrak	24	19	25	25	23								23	
Sand Lake Road	157	181	167	150	162								163	
Meadow Woods	92	86	81	49	104								82	
Tupperware	12	14	12	17	16								14	
Kissimmee Intermodal													-	
Poinciana	6	4	4	6	5								5	
Total - All Stations	1,283	1,282	1,322	1,181	1,333	-	-	-	-	-	-	-	1,280	
Percent change from FY 21 to FY 22	47%	8%	15%	5%	30%								18%	

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.

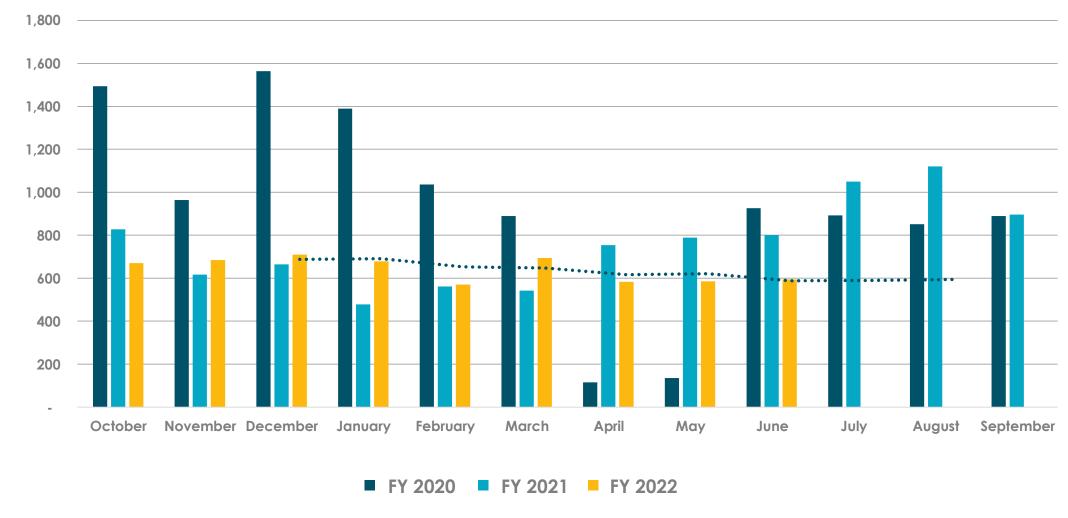
^{**}Bus service was re-instated on May 11, 2020.

^{**}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) February LINK Change % Change FY21 18 2,401 17% 14,393 Update 418 3,080 693 23% Pending 155 89% 332 296 306 1,017 550 54% 95 604 87 9% 8 631 427 19% 358 69 632 212 199 13 7% 709 707 994 287 41%







VOTRAN CONNECTIVITY

June 2022

Activity at DeBary Station	Activity at DoBary Station						Fiscal yea	ar 2020						Annual Daily
	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Average	
	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											
	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Daily Average
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											
	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Daily Average
Days of Operation	21	21	23	21	20	23	21	21	22				193
Total Monthly Ridership	670	684	709	678	570	694	583	585	594				5,767
Avg Daily Ridership	32	33	31	32	29	30	28	28	27				30





TRANSITION UPDATE

MIKE DEPALLO



Technical Advisory
Committee
Presentation

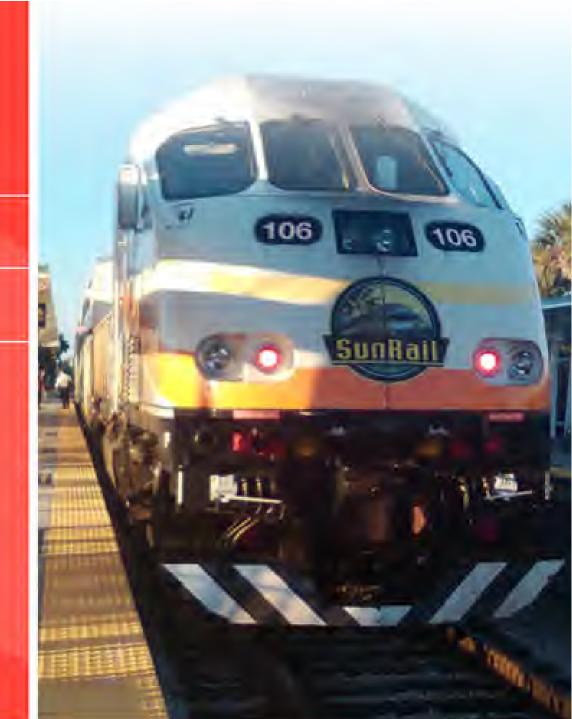
July 13, 2022

SunRail

Transition Plan

Consulting

Services



Purpose

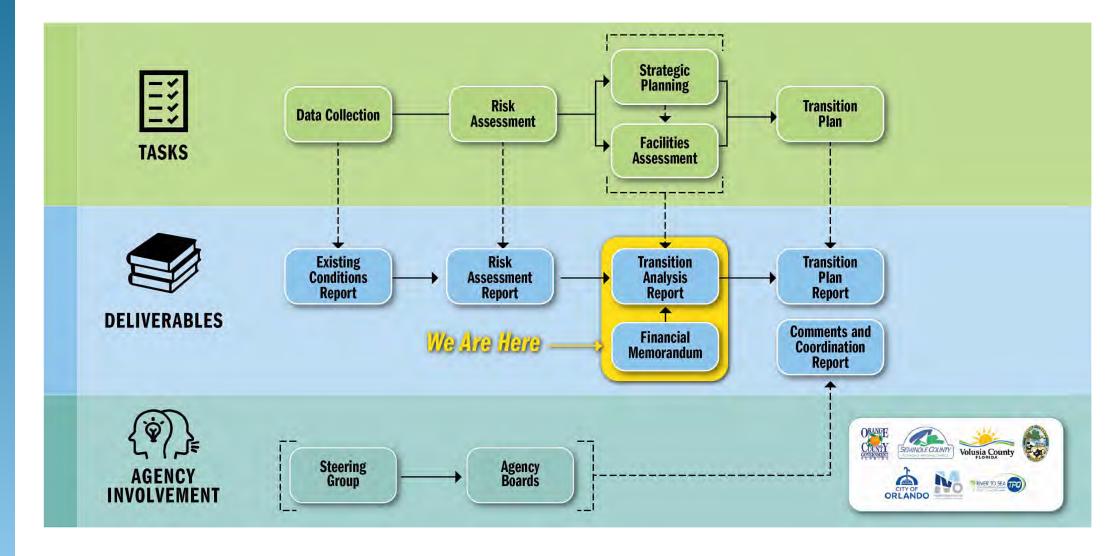
- Provide major conclusions from aspects of the SunRail Transition Analysis
- Provide an update on Financial Analysis for three Governance Options
- Discuss Next Steps and Timeline





TAC Meeting Presentation 7-13-22

Transition Study Process – Current Status







TAC Meeting Presentation 7-13-22

Transition Analysis Framework







Transitioning Contracts

Primary Operating Contracts To Be Assigned

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

Execute assignment & assumption by May 4, 2024

Other Contracts

Green's Energy Wells Fargo Insurance Contractor
Wabtec MidFlorida Bank of America
AT&T American Express Verizon

moovel HNTB/Jacobs GEC DTS

Various Due dates for assuming contracts or reprocuring contracts

Recommendation: Work with FDOT on contract dates. May want to have third party legal staff to help manage work effort.





TAC Meeting Presentation 7-13-22

Committee Recommendations

Maintain Existing Technical Advisory Committee (TAC), 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 Committee

Finance and Audit
Committee

Risk
Management
Committee





Fare System Assessment

New fare system in early design stages

Project risks should be monitored:

- 1. New team collaboration
- 2. Project Schedule should enable proper project management and oversight
- 3. Transition to new fare system will be complex
- 4. Operations & Maintenance (O&M) services not fully defined
- 5. 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 SunRail operation. Minimal updates to plans.
- **Recommendation:** Prior to transition, conduct review to ensure SunRail maintenance and CIP has 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 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.





Four Types of Cost Allocations Per Agreements









Insurance

Maintain liability insurance with a deductible or self-insured amount

Local Operating Support

LFP responsible for share of system operating costs

Capital Plan Funding

LFP responsible for share of capital projects for the system

Station Maintenance Costs

Maintenance and housekeeping costs



Insurance Costs

Costs include:

- Insurance Broker
- Self Retention Fund

FDOT carries:

- \$10 million self retention fund
- \$322 million liability insurance to comply with Federal cap

Insurance costs
allocated by percentage
share of Local
Operating Support





Local Operating Share

System Operating Costs

- Operation and Maintenance Costs
- Fuel
- Banking
- Ticketing
- Consultant Support
- Feeder Bus

Allocated 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	Revenue for Operations	Operating Deficit
Step 2	Operating Deficit	Embarking & Disembarking Share Volusia 9.58% Seminole 18.32% Orlando 33.23% Orange 23.18% Osceola 15.68%	Local Operating Support Volusia \$ Seminole \$ Orlando \$ Orange \$ Osceola \$



Notes: 1. DeLand average embarking share is assumed to be 200 embarkings/day, assuming 250 commuting days per year. 2. DeLand average disembarking, average peak embarking, and average peak disembarking is estimated based on the proportions observed by DeBary compared to average embarking share.



TAC Meeting Presentation 7-13-22

LOCAL OPERATING SHARE ALLOCATION

STATION	County	Total Embarkings/ Peak Hour Emba Disembarkings (annual) Disembarkings (a	
DeLand	Volusia	102,030	76,425
DeBary	Volusia	213,866	159,770
Sanford	Seminole	153,030	110,860
Lake Mary	Seminole	173,720	135,680
Longwood	Seminole	128,029	101,805
Altamonte Springs	Seminole	141,908	108,861
Maitland	Orange	112,628	93,496
Winter Park	Orange	265,374	167,456
Florida Hospital	Orlando	189,042	148,126
LYNX	Orlando	330,915	263,782
Church Street Orlando		362,486	295,294
Orlando Amtrak	Orlando	171,960	143,714
Sand Lake Road	Orange	142,819	108,956
Meadow Woods	Orange	242,617	202,181
Tupperware	Osceola	99,660	79,406
Kissimmee	Osceola	222,025	166,802
Poinciana	Osceola	192,349	142,399
TOTAL		3,244,458	2,505,013



Funding Partner	Share of Total Embarkings & Disembarkings	Share of Peak Hour Embarkings & Disembarkings	Funding Allocation (%) Average of GREEN and ORANGE
Volusia	315,896 (9.74%)	236,195 (9.43%)	9.58%
Seminole	596,687 (18.39%)	457,206 (18.25%)	18.32%
Orlando	1,054,403 (32.50%)	850,916 (33.97%)	33.23%
Orange	763,438 (23.53%)	572,089 (22.84%)	23.18%
Osceola	514,034 (15.84%)	388,607 (15.51%)	15.68%
TOTAL	3,244,458 (100%)	2,505,013 (100%)	100%

- 1. DeLand average embarking share is assumed to be 200 embarkings/day, assuming 250 commuting days per year.
- 2. DeLand average disembarking, average peak embarking, and average peak disembarking is estimated based on the proportions observed by DeBary compared to average embarking share.
- 3. CY 2019 used since Covid disruptions affected March 2020.

Capital Plan Funding

- Five Year Capital Plan
 - Station Upgrades
 - Infrastructure upgrades
 - Vehicle Overhauls, etc.
- Allocated based on track miles in each jurisdiction

Funding Partner	Track Miles	Funding Allocation (%)
Volusia	12.7	21%
Seminole	16.4	27%
Orlando	5.5	9%
Orange	16.3	27%
Osceola	9.6	16%
Total	60.5	100%





TAC Meeting Presentation 7-13-22

Station Maintenance Costs

Joint Use Agreements entered into with LFP prior to Phase 1 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

REVENUE CATEGORIES	CFCRC 2021 REVENUE
Amtrak Usage	\$792,270
FCEN Usage	\$27,151
CSXT Usage	\$3,198,217
Advertising	\$106,060
LYNX Back Office Share	-
Miscellaneous Reimbursement	\$166,800
Damage Claims	-
ROW Lease	-
Fiber Lines	-
Transition Maintenance	-
Interest	\$132
Advertising - Deposited at DFS	\$158,650
Fare Box Collections - Deposited at DFS	\$1,057,817
Card Fare - Deposited at DFS	\$14,615
FTA 5307 Funding	\$10,000,000
TOTAL	\$15,521,712





TAC Meeting Presentation 7-13-22

Total Cost Comparison between the Three Governance Options (Updated 6/7/22)

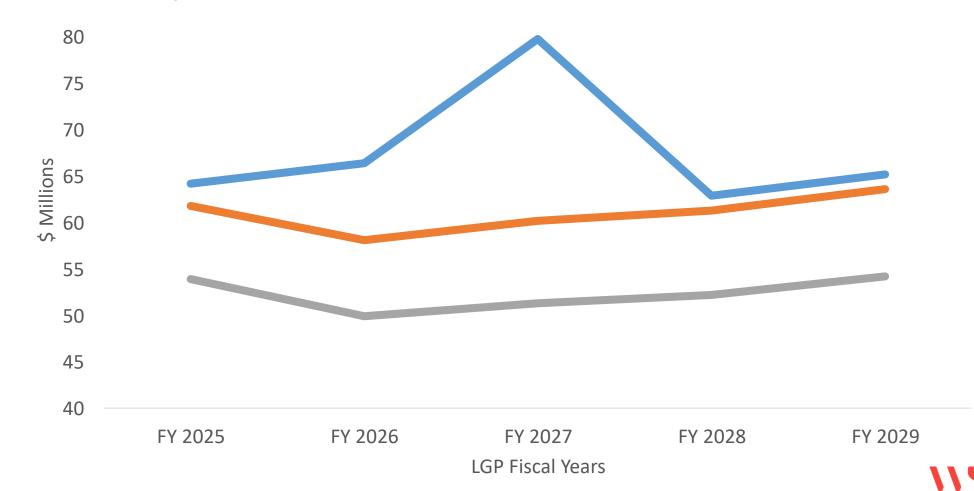
Governance Options	(Q4 only) FY24 Total Costs*	FY25 Total Costs	FY26 Total Costs	FY27 Total Costs	FY28 Total Costs	FY29 Total Costs
Option 1	\$16.4	\$64.2	\$66.4	\$79.8	\$62.9	\$65.2
Option 2	\$15.8	\$61.8	\$58.1	\$60.2	\$61.3	\$63.6
Option 3	\$13.8	\$53.9	\$49.9	\$51.3	\$52.2	\$54.2





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

Total Cost Comparison between the Three Governance Options (Updated 6/87/22)



Option 1 —Option 2 —Option 3



TAC Meeting Presentation 7-13-22

Option 1

Option 2

Option 3



LFP Allocations for each Option (Updated -6/7/22)

	No. of Concession,	seal German Parmi Family				
	FY2024	FY2025	FY2829	FY3027	FY2028	F (2025
Costs Net of All Revenues	(\$ Millions)					
Volusia	81.5 - 81.8	307 SEC.	20-57	157 4- SILE	357-868	85.9 - 57.1
Seminole	\$2.7 - \$3.3	\$10.7 - \$13	\$11.2 - \$13.5	\$13.6 - \$16.3	\$10.6 - \$12.8	\$11 - \$13.3
Driando	\$4.5-\$5.9	\$109-0721	\$150 5226	STEE 1- 120 (1104 S285	\$19.1 - \$33.3
Orange	\$3.4 - \$4.2	\$13.5 - \$16.4	\$14 - \$17	\$16.9 - \$20.4	\$13.2 - \$16.1	\$13.7 - \$16.7
Daceola	523-52B	39 (1) 21 11	284-21(4)	10.13.207	\$19-7108	\$92-8112
Volusia	\$1.4 - \$1.7	\$5.5 - \$6.7	\$5.2 - \$6.3	\$5.4 - \$6.5	\$5.5 - \$6.7	\$5.7 - \$6.9
Seminole	\$2.6 - \$3.2	\$10.3 - \$12.5	\$9.8 - \$11.8	\$10.1 - \$12.3	\$10.3 - \$12.5	\$10.7 - \$13
Orlando	\$4.7 - \$5.7	\$18.2 - \$22.2	\$17 - \$20.8	\$17.6 - \$21.5	\$17.9 - \$21.9	\$18.6 - \$22.7
Orange	\$3.3 - \$4	\$13 - \$15.8	\$12.2 - \$14.8	\$12.7 - \$15.4	\$12.9 - \$15.7	\$13.4 - \$16.2
Osceola	\$2.2 - \$2.7	\$8.7 - \$10.6	\$8.2 - \$10	\$8.5 - \$10.3	\$8.7 - \$10.5	\$9 - \$10.9
Volusia	\$1.2 - \$1.5	\$4.8 - \$5.8	\$4.5 - \$5.4	\$4.7 - \$5.6	\$4.7 - \$5.7	\$4.9 - \$5.9
Seminole	\$2.3 - \$2.8	\$9 - \$11	\$8.4 - \$10.2	\$8.7 - \$10.5	\$8.8 - \$10.7	\$9.1 - \$11.1
Orlando	\$4.1 - \$5	\$15.8 - \$19.3	\$14.6 - \$17.8	\$15 - \$18.3	\$15.2 - \$18.6	\$15.8 - \$19.3
Orange	\$2.9 - \$3.5	\$11.3 - \$13.8	\$10.5 - \$12.8	\$10.8 - \$13.1	\$11 - \$13.3	\$11.4 - \$13.8
Osceola	\$2 - \$2.4	\$7.6 - \$9.3	\$7.1 - \$8.6	\$7.3 - \$8.8	\$7.4 - \$9	\$7.7 - \$9.3

^{*}Costs do not include PTC, or ROW lease/fiber line revenues

Proposed Next Steps

- Finalize Financial Analysis Memo July 2022
- Finalize Transition Analysis Report July 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



SUNSHINE CORRIDOR CFCRC UPDATE

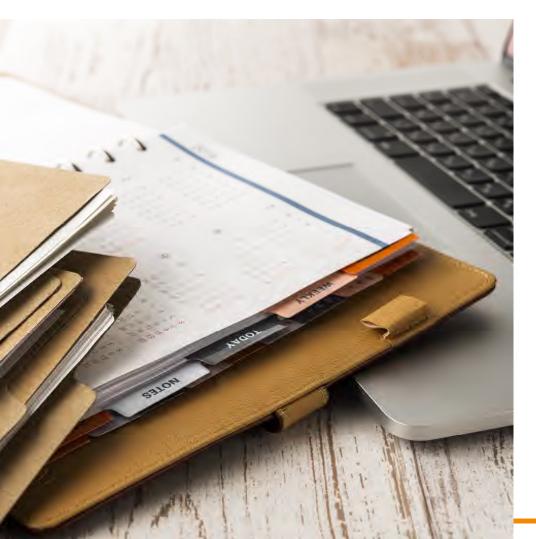
BRIAN STANGER



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.







Steering Committee Group

Policy Group

Technical Group

Organized the workgroups and held initial meetings of Policy and Technical groups

Established a
Steering
Committee
and held initial
meetings

Conducted update call with FTA.

Began developing whitepaper in response to FTA's request

Developed draft workgroup charter for review Developed tools to support workgroup members: StoryMap, Glossary, Grant Summary

MOVING FORWARD

Reach
Consensus on
Project
Description

Update FRA

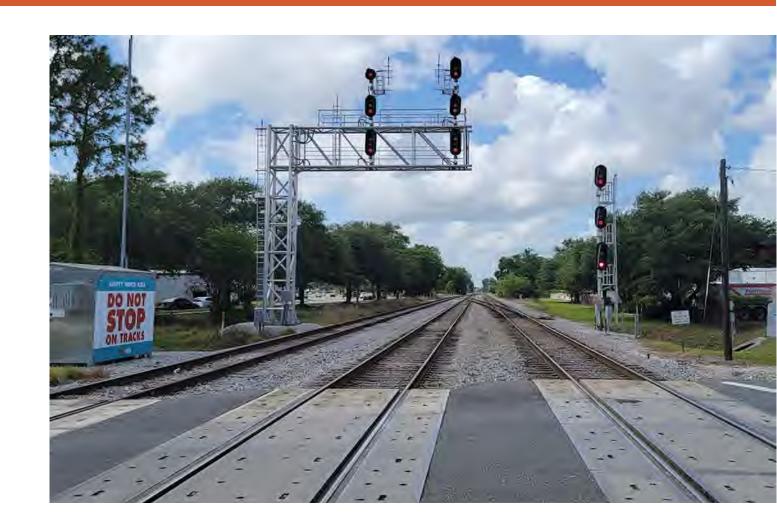
Complete
White Paper
and submit to
FTA

Complete Ridership Study



DON'T STOP

- Continue communication and collaboration between all stakeholders
- Document official actions
- Identify issues, concerns, and research topics





COMMITTEE MEMBER COMMENTS

NEXT MEETING:

September 29, 2022

LYNX Open Space Room



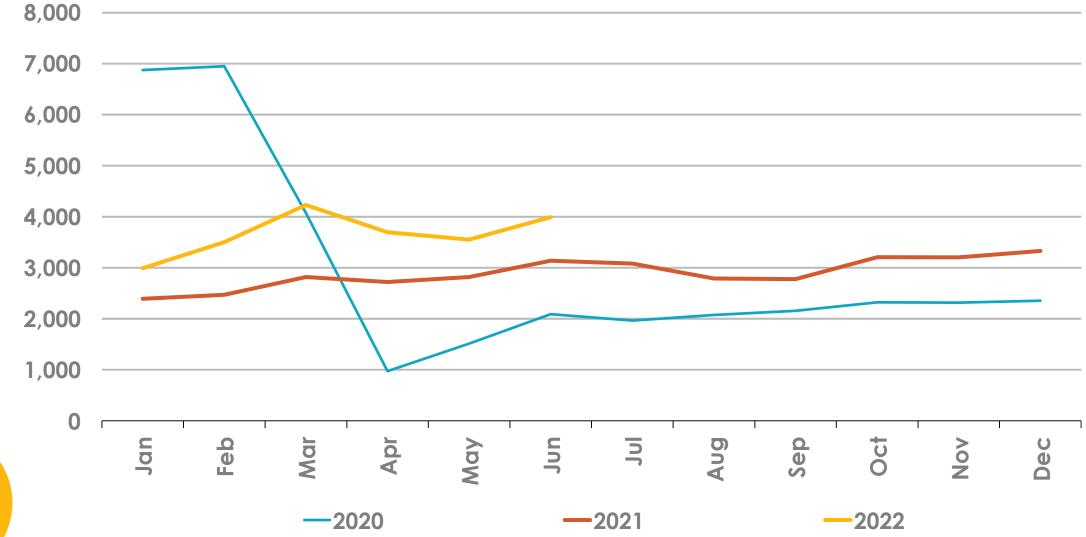
THANK YOU



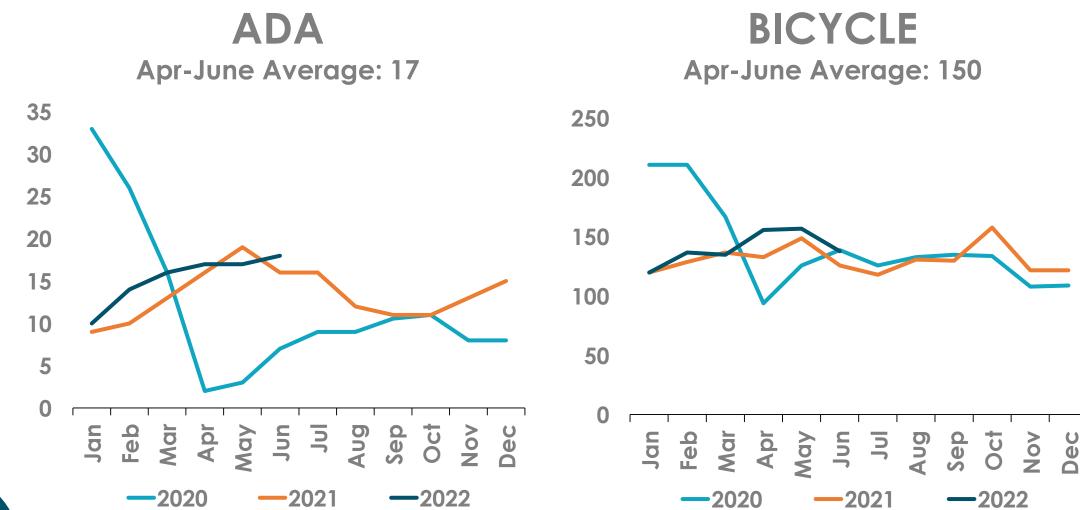
SUPPORTING CHARTS AND DATA



Apr - 3,696 | May - 3,552 | Jun - 3992

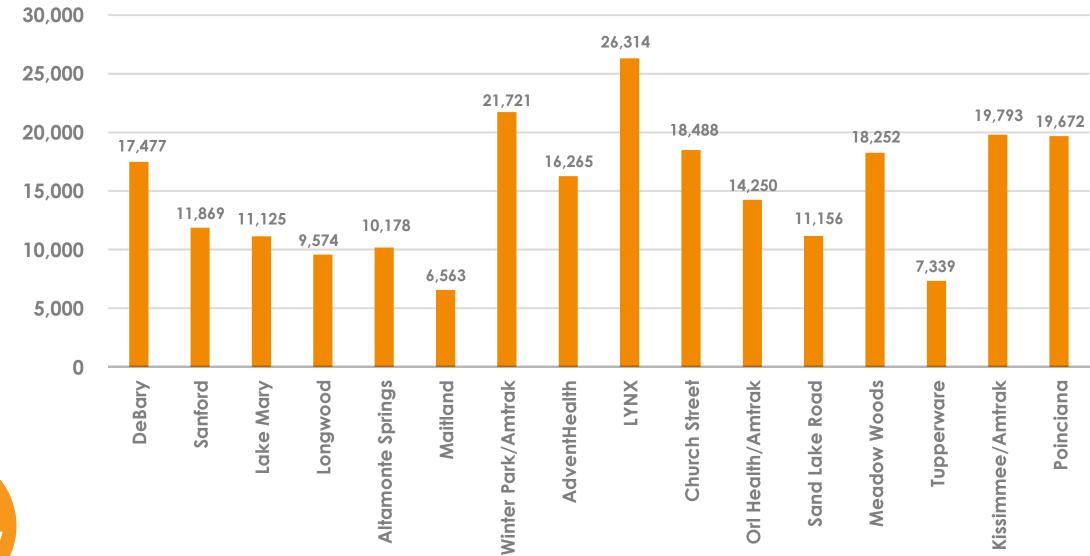






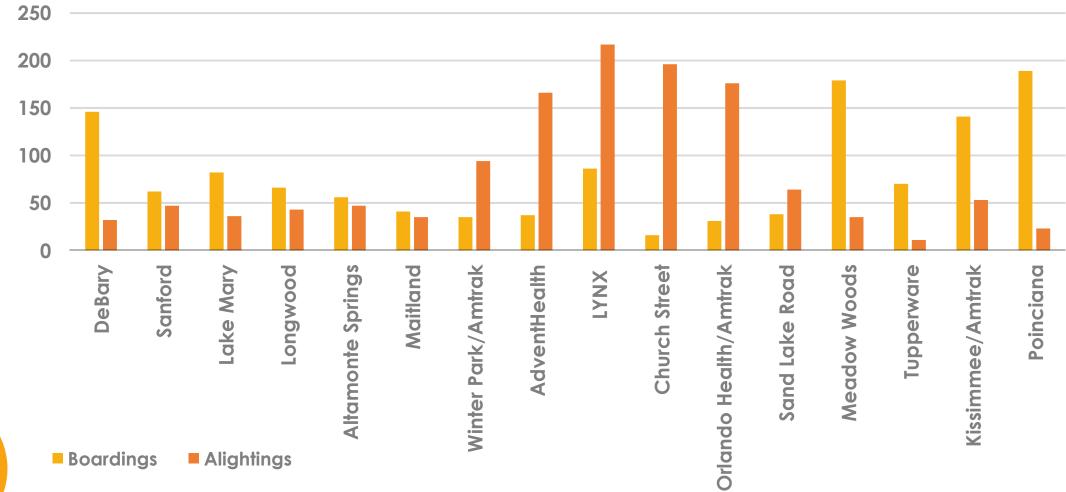


Ridership April – June 2022



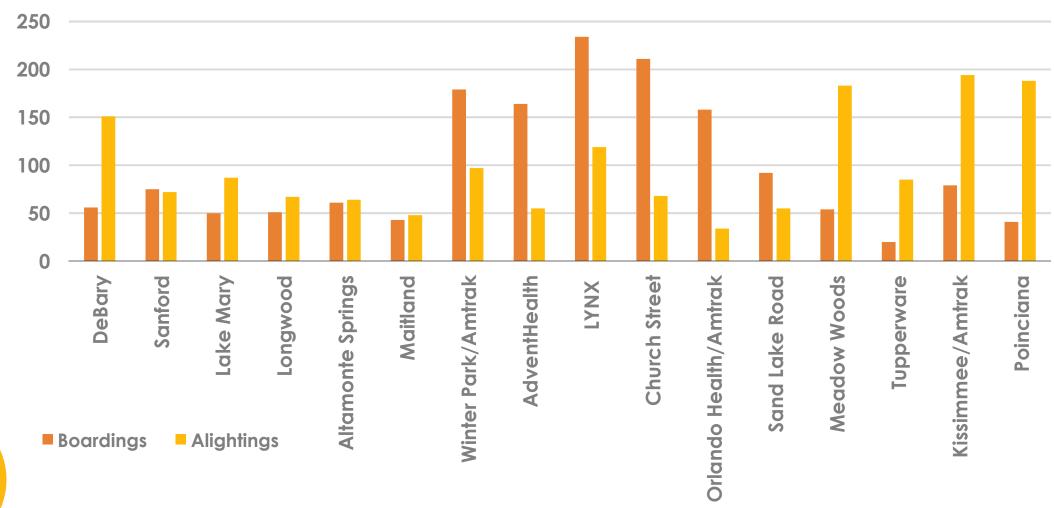


AM PEAK 5:45 AM – 8:45 AM (NB from Poinciana) April – June 2022



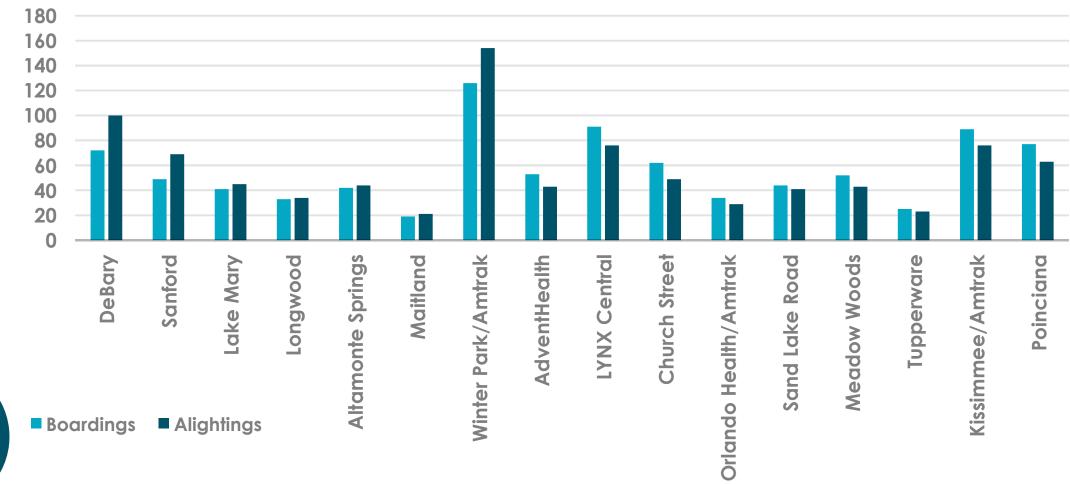


PM PEAK
3:15 PM - 6:25 PM (NB from Poinciana)
April - June 2022



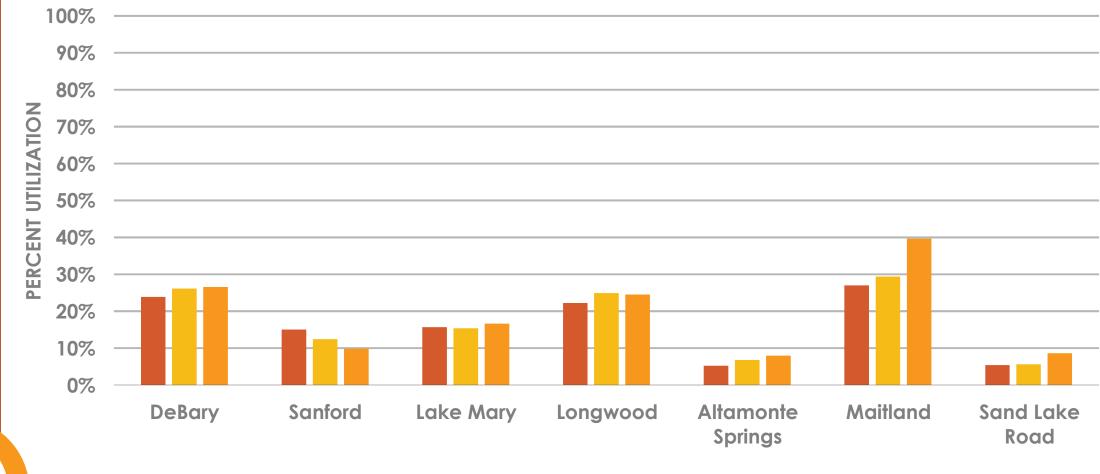


OFF PEAK 10:45 AM – 2:45 PM; 7:25 PM – 9:55 PM (NB from Poinciana) April - June 2022





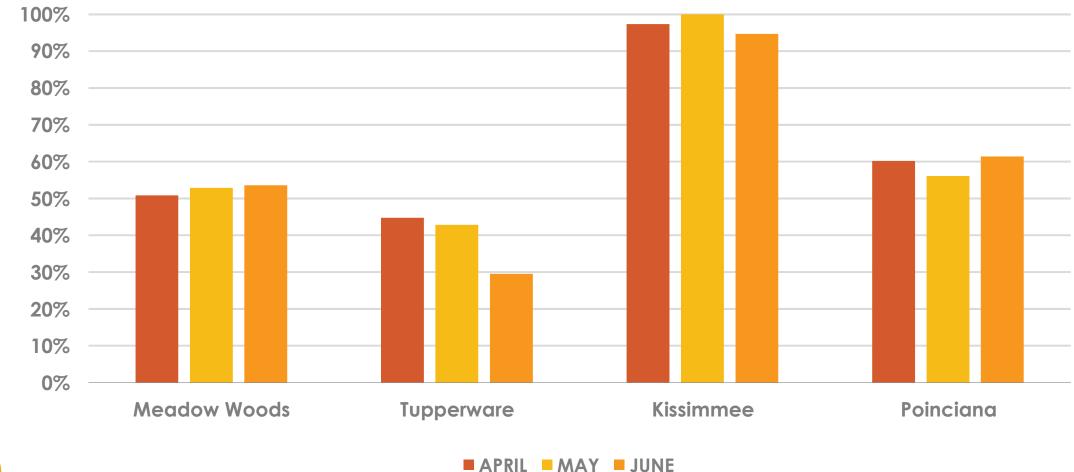
April 2022 – June 2022



■ APRIL ■ MAY ■ JUNE

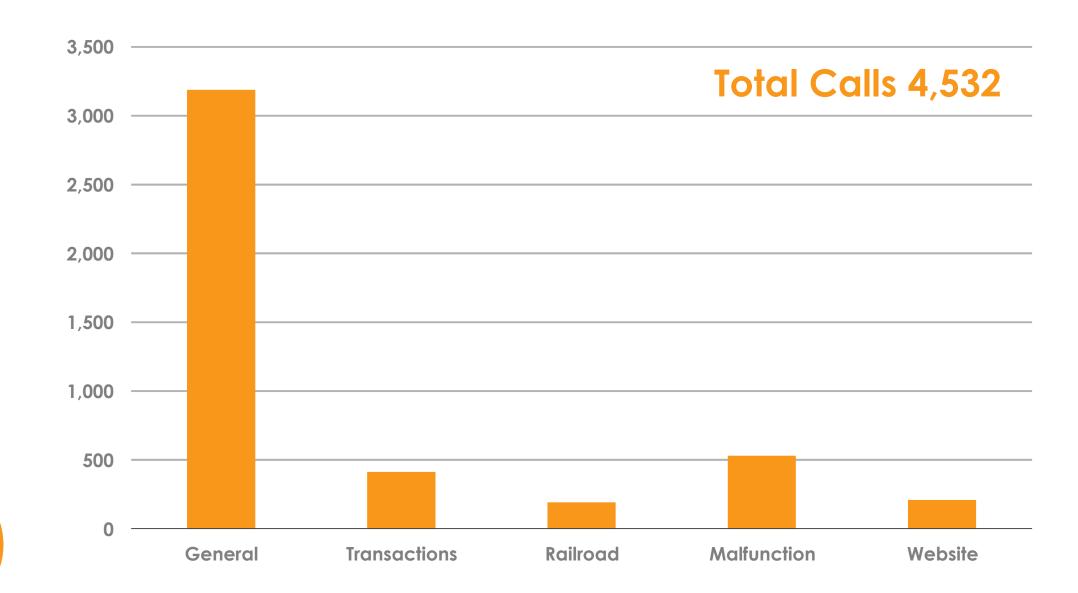


April 2022 – June 2022





April – June 2022





TRAIN PERFORMANCE DETAIL

April 2022 – June 2022

Train Performance Overview	Trains	Percentage
On-Time	2444	95.5%
Late	108	4.2%
Annulled	8	0.3%
Total Trains Operated	2560	100.0%

Performance Detail	Days	Trains	Percentage
Efficiency Testing	2	2	0.1%
Maintenance of Way	3	4	0.2%
Mechanical	12	18	0.7%
Other	9	17	0.7%
Passengers	10	10	0.4%
Police Activity	5	21	0.8%
Signals & Components	10	22	0.9%
Trespasser/Grade Crossing/Near Misses	4	4	0.2%
Weather	2	17	0.7%
Total (Rounded)		116	4.5%

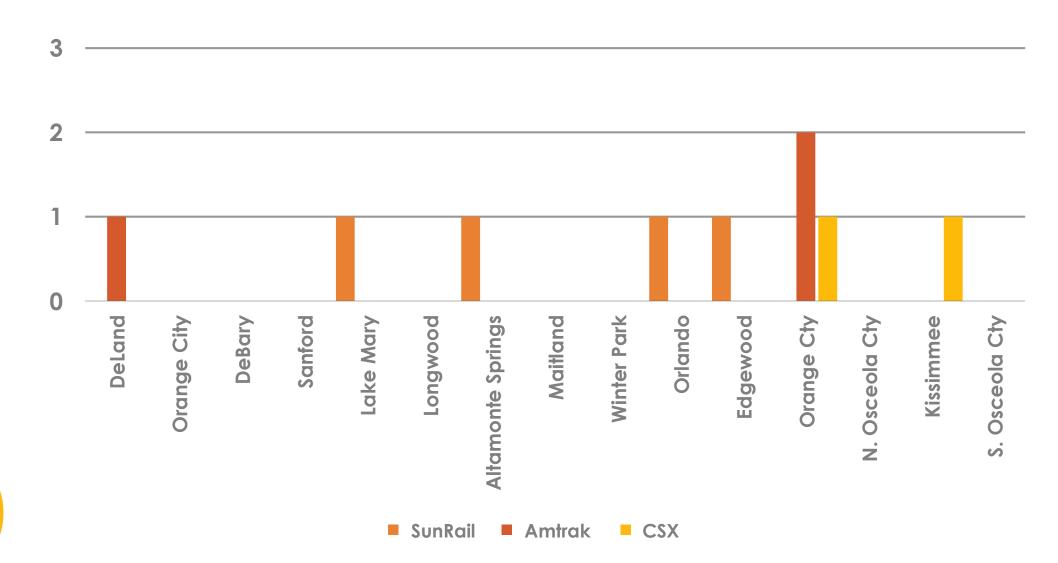
Note: Only categories with a value greater than zero are displayed and rounded to one decimal.





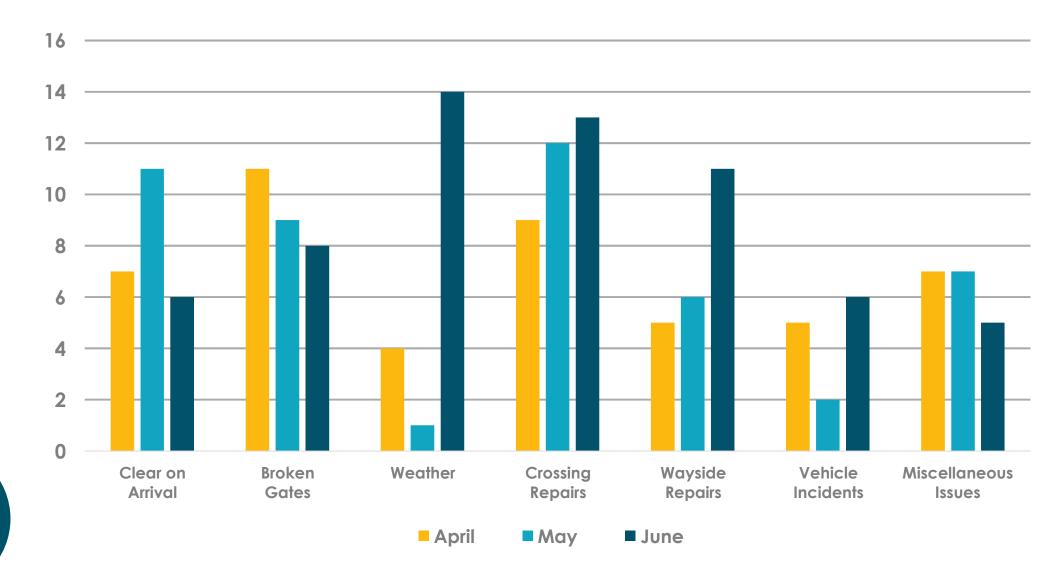


April 2022 – June 2022





APRIL 2022 – JUNE 2022







QUIET ZONES

Jurisdiction	Status
Edgewood	Quiet Zone Established
Orange County	Quiet Zone Established – Working with Orange County to fund additional crossings
Maitland	Quiet Zone Established
Winter Park	Quiet Zone Established
Seminole County	Notice of Establishment – working with Seminole County to fund additional crossing to qualify for QZ
City of Orlando	Quiet Zone Established
City of Kissimmee	Quiet Zone Established



SunRail

OPERATING COSTS, CAPITAL MAINTENANCE AND CONSULTANT SUPPORT

CONSCIANT SOLICAL
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

YEAR TO DATE JUNE 30, 2022			
BUDGET		ACTUAL	
\$	10,745,000	\$	10,573,356
\$	16,255,000	\$	16,170,783
\$	1,350,000	\$	1,234,913
\$	1,000,000	\$	912,644
\$	2,200,000	\$	3,819,797
\$	3,500,000	\$	3,296,375
\$	2,500,000	\$	2,756,729
\$	5,000,000	\$	3,842,500
\$	2,136,000	\$	1,638,029
\$	6,000	\$	3,592
\$	100,000	\$	56,317
\$	30,000	\$	23,760
\$	40,000	\$	33,288
\$	10,000	\$	-
\$	300,000	\$	-
\$	10,000,000	\$	9,793,198
\$	3,506,560	\$	3,754,854
\$	58,678,560	\$	57,910,136
\$	2,000,000	\$	1,376,036

\$	2,000,000	\$ 1,376,036
\$	10,620,000	\$ 4,063,645
\$	12,200,000	\$ 10,393,262

\$	83,498,560	\$ 73,743,080
\$	83,498,560	\$ /3,/43,080

OPERATING REVENUE

YEAR TO DATE JUNE 30, 2022

BUDGET ACTUAL

Farebox revenue
CSX usage fees
Amtrak usage fees
FCEN usage fees
Right-of-way lease revenue
Ancillary revenue
Subtotal - System revenue

\$ 2,308,100	\$ 1,875,737
\$ 3,698,671	\$ 3,804,220
\$ 1,012,971	\$ 899,645
\$ 28,416	\$ 20,677
\$ 123,442	\$ 114,341
\$ 444,792	\$ 579,716
\$ 7,616,391	\$ 7,294,335

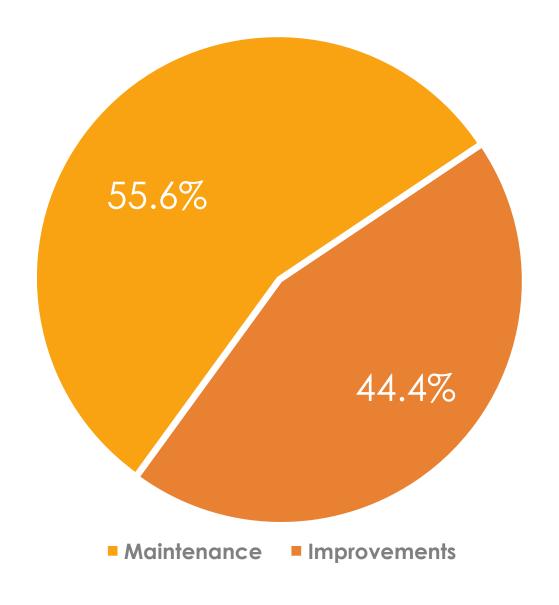
FTA 5307 - Urbanized Area Grant Funds

CRRSAA Grant Funds

\$ 20,218,060	\$ 20,218,060
\$ 3,506,560	\$ 3,506,560

TOTAL OPERATING REVENUE





Maintenance

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

Improvements

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

