



Board of Trustees

Mr. Christopher Lawson,
President
City of Hamilton

Mr. Perry Gordon,
Vice President
City of Oxford
Police Department

Mr. Travis C. Bautz
MidPointe Library System

Mr. David Fehr
Butler County Department
of Development

Mr. James A. Foster

Ms. Nancy Schmitt
UC Health West Chester Hospital

Mr. Corey Watt

Ms. Kathy Wyenandt

Executive Director

Mr. Matthew M. Dutkevicz

Legal Counsel

Mr. Mark Landes
Isaac Wiles
Burkholder & Teetor, LLC

***** PUBLIC MEETING NOTICE *****

Butler County Regional Transit Authority Board of Trustees

The BCRTA Board of Trustees is scheduled to meet on Wednesday, August 17, 2022 at 8:00 a.m. This meeting will be held in the Board Room at the Butler County Regional Transit Authority located at 3045 Moser Court, Hamilton, Ohio 45011.

In accordance with the American Disabilities Act, if anyone has a disability and requires assistance or, in accordance with the Limited English Proficiency Executive Order, requires translation services, please call Mr. Matthew Dutkevicz at 513.785.5237 or 800.750.0750 (Ohio Relay Service).



butlercountyrta

www.butlercountyrta.com



BCRTA



3045 Moser Court
Hamilton, Ohio 45011

2022 Butler County RTA Board of Trustees Attendance

	Jan	Feb	Mar	Apr	May	June	July	August	Sept	Oct	Nov	Dec
Bautz, Travis	X	X	X	X	X	X						
Fehr, David	X	X	E	E	X	X						
Foster, Jim	X	X	X	X	X	X						
Gordon, Perry	X	X	X	X	X	X						
Lawson, Chris	X	E	X	X	E	X						
Schmitt, Nancy	E*	E	X	X	E	X						
Watt, Corey	X	X	X	X	X	E						
Wyenandt			X	X	X	X						

X = Present

E = Excused

E* = Online not Official

A = Absent

BUTLER COUNTY REGIONAL TRANSIT AUTHORITY BOARD OF TRUSTEES

August 17, 2022, 8:00 AM

Butler County Regional Transit Authority

3045 Moser Court, Hamilton, OH 45011

PRELIMINARY AGENDA

- I. Call to Order & Roll
- II. Consideration of Absences
- III. Consent Agenda (*Motion Requested*)
 - a. Approval of the Agenda
 - b. Approval of the June 15, 2022 Meeting Minutes
- IV. Comments from Citizens
- V. Secretary/Treasurer's Report – May & June 2022 (*Motion Requested*)
- VI. Special Presentation – Short Range Planning Study Update, Kimley-Horn
- VII. Action Items
 - a. None
- VIII. Governance
 - a. Vacancies
- IX. Committee & Staff Reports
 - a. OKI
 - b. Service & Metrics
 - Luke Morgan, Director of Operation
 - c. Marketing & Outreach
 - Shawn Cowan, Communications & Outreach Manager
 - d. Talent, Benefits & Recruitment
 - Mary Jane Leveline, Talent & Benefits Manager
 - e. Procurement
 - Meagan Varney, Procurement & Compliance Specialist
 - f. Director's Report

Next Meeting Date:

September 21, 2022 @ 8:00 AM

Butler County RTA • Hamilton Board Room

3045 Moser Court, Hamilton, OH 45011

BUTLER COUNTY REGIONAL TRANSIT AUTHORITY BOARD OF TRUSTEES

August 17, 2022, 8:00 AM

Butler County Regional Transit Authority

3045 Moser Court, Hamilton, OH 45011

i. Grant Draw Strategy Discussion

X. New Business

a. Discussion: Hueston Woods Visitors Board Service Inquiry

XI. Adjourn (*Motion Requested*)

Next Meeting Date:

September 21, 2022 @ 8:00 AM

Butler County RTA • Hamilton Board Room

3045 Moser Court, Hamilton, OH 45011

Butler County Regional Transit Authority

Board of Trustees Meeting

Wednesday, June 15, 2022

[illegible]

The BCRTA Board of Trustees met on Wednesday, June 15, 2022 at 8:00 AM at the Butler County Regional Transit Authority Board Room, 3045 Moser Court, Hamilton, Ohio 45011. Proper public notice was given in advance of the meeting.

PRESENT: Chris Lawson, President
Perry Gordon, Vice President
Travis Bautz*
David Fehr
Jim Foster
Nancy Schmitt *
Kathy Wyenandt*

STAFF: Matthew Dutkevicz, Executive Director
Shawn Cowan, Communication & Outreach Manager
Luke Morgan, Director of Operations
Christine Yannitty, Staff Accountant
Mary Jane Leveline, Talent & Benefits Manager
Meagan Varney, Procurement & Compliance Specialist

ABSENT: Corey Watt

OTHERS None
PRESENT:

CITIZENS: Nick Bauer

LEGAL
COUNSEL: Mark Landes, Isaac Wiles*

*Attended via video conference.

I. Call to Order & Roll Call

Mr. Lawson called the meeting to order at 8:02 AM. Mr. Dutkevicz took a call of the roll. A quorum of the Board was present.

a. Consideration of Absences

Mr. Watt requested to be excused. Mr. Foster made a motion to excuse Mr. Watt. Mr. Gordon seconded. The motion carried.

II. Approval of the Consent Agenda

Mr. Foster moved to approve the consent agenda. Mr. Fehr seconded. The consent agenda was approved.

III. Comments from Citizens

None.

IV. Secretary/Treasurer's Report

In the absence of Ms. Weidner, Mrs. Yannitty presented the financials as of the end of April 2022 compared to the Annual Budget.

Passenger Fares remain under budget due to the suspension of general public BGo trips. The increase in Butler County Veterans trips continue to offset Passenger Fares. Interest & Other was

over-budget due to a small refund of unemployment and a Covid incentive from the Department of Medicaid. Mrs. Yannitty reported that there was a large boost to State Funding due to the vaccine incentive given to employees in April. Expenses for the period were also under budget primarily due to the timing of the Professional Service projects, and staffing shortages. Mrs. Yannitty explained that although staffing shortages continue, changes to Wages and Fringes will be seen beginning in May with the driver wage increase, and the PTO sale in November will significantly impact Fringes. Fuel and parts for the Gillig buses, and not recognizing much in Insurance recoveries had both Materials & Supplies and Insurance slightly over-budget. The Gain before Est. Depreciation, Net Pension & OPEB Expense was \$832K.

The Transaction logs for the month of April were included in the packet presenting all cash transactions for the period. Mrs. Yannitty pointed out the large transactions involved in moving money from the Checking and Money Market accounts to the STAR Ohio account. The balance sheet for April 2022, was presented with normal balances for assets, as well as liabilities and equity. Accounts Receivable was slightly higher than normal, but not a concern. The higher amounts are solely related to timing of payments from Miami University, City of Middletown, and FTA.

At the end of April, Available Funds were approximately \$6.40M. Current or planned grants were just slightly overmatched. Non-Restricted Funds of \$2.6M will be used to match future year large bus purchases and any needed match for the Chestnut Fields facility. Mrs. Yannitty reported that once grants are updated in July, Non-Restricted funds will decrease and be reported as match for those grants.

Mr. Foster inquired about the effects of the rising cost of fuel. Mr. Dutkevicz noted that BCRTA still has stimulus money available for operations, including fuel costs. Mr. Dutkevicz also noted that BCRTA's agreement with Miami University includes an escalation clause for fuel costs.

Mr. Fehr moved to approve the treasurer's report. Mr. Foster seconded the motion. The treasurer's report was approved.

V. Action Items

a. Resolution 22-06-01: Adopting the FY2023 Planning Budget for the Butler County Regional Transit Authority (BCRTA) and Acceptance of the BCRTA Fiscal Officer's Certification of Funds and Estimation of Revenues.

Mr. Foster moved to adopt resolution 22-06-01. Mr. Fehr seconded the motion. Mr. Dutkevicz explained that the approval of the tax budget is required by the Auditor of State.

Upon a call of the roll the vote resulted as follows:

Mr. Bautz	Yes
Mr. Fehr	Yes
Mr. Foster	Yes
Mr. Gordon	Yes
Mr. Lawson	YES
Ms. Schmitt	YES

Mr. Watt	ABSENT
Ms. Wyenandt	Yes

The resolution was adopted.

VI. Governance

a. Vacancies

Mr. Dutkevicz noted that no additional applications for the vacant position had been received and that one seat still needed to be filled. Mr. Dutkevicz added that all applicants had been interviewed by the Executive Committee.

Mr. Fehr asked if the Executive Committee had a recommendation. Mr. Lawson confirmed only one additional candidate was needed. Mr. Fehr expressed that he believed that the Board needed a business owner as the Board was lacking this perspective. Mr. Fehr noted that Mr. Nick Bauer was a business owner and may be an appropriate candidate to be recommended. Mr. Foster agreed that Mr. Bauer would be appropriate for the position. Mr. Dutkevicz stated that Ms. Chafin had withdrawn her application due to lack of BGo availability.

Mr. Foster moved to recommend the appointment of Mr. Bauer as trustee. Mr. Bautz seconded the motion. The motion carried.

VII. Committee & Staff Reports

a. OKI

Mr. Lawson gave the OKI report noting that sentiment was positive for progress on the Brent Spence Bridge project.

b. Service & Metrics

Mr. Morgan provided the metrics report:

Leveraging Competitive Funding & Partnerships

- Average Fleet Age
 - 4.68 years – This is an increase of 22.65 percent from April 2021.
- Subsidy per Passenger
 - The subsidy per passenger decreased in April of 2022 in comparison to last April by \$12.13 or 44.7 percent.
- Admin Cost Per Revenue Hour
 - Administrative Overhead cost per hour has increased by \$6.05 or 34.2 percent comparing April of 2021 to April of 2022.

Enhancing Connectivity

- BCRTA Transit App Users
 - BCRTA had 4,039 users during the month of April for the Transit App. This is a 92.4 percent increase from the previous year.
- BCRTA Transit App Downloads
 - BCRTA tracked 492 new downloads for the Transit App in April of 2022. This is a 56.1 percent increase from the previous year.
- BGO App Rides/Total BGO Rides
 - 34.05 percent of all trips were booked utilizing the mobile application. This is a 5.22 percent decrease from April of 2021.
- BGO App Downloads
 - BCRTA had 123 new users download the mobile application. This is a 121.95 percent decrease in app downloads from April 2021.
- BGO Mobile Payment & Total Trips
 - BCRTA completed 2,546 non - contracted trips in April of 2022. This is a 9.1 percent decrease in completed, non - contracted trips from April of last year.
 - None of the completed, non – contracted trips were paid for using the BCRTA mobile application (BrainTree). Mobile APP is not currently being utilized.
 - EZFARE was not utilized for fare payment in April of 2022 as General Public BGO is currently suspended.

Improving Mobility & Eliminating Barriers

- Passengers Per Revenue Hour
 - Fixed routes had 11 passengers per revenue hour in April of 2022, this is 220.7 percent higher than April of 2021.
 - Demand Response service had 1.81 passengers per revenue hour in April of 2022, this is an 8.1 percent decrease from April of 2021.
- Accidents and Injuries
 - Fault Total – BCRTA did not have any at fault accidents in April of 2022.
 - No Fault Total – BCRTA also had 1 no fault accidents.
- Target Operator Staffing
 - 66%
 - This number has increased 9.73 percent from the same month for the previous year. The yearly average was 78.13 percent.
- Denials and Refusals/ Total BGO Trips

- 5.81 percent of all requested BGO trips were refused or denied in April of 2022 due to time and capacity limitations. Frequent passengers were made aware that BGo was currently shut down and calls for this service have subsided.

Supporting Employers

- 42x Park and Ride Total Trips
 - The 42x had 1,056 riders. This is a 50 percent increase from April of the previous year.
- BGO Employment Trips
 - BCRTA completed 1,083 BGO trips for the purpose of employment in April of 2022, this is an 11.36 percent increase from the same month the previous year.

Developing Multimodal Infrastructure

- Goal
 - This field is to show the progress of our upcoming Chestnut Fields Multi-Modal Transit Station. BCRTA has secured funding for \$12,145,255 of our \$21,000,000 goal.
- Days Until Chestnut Fields Completed
 - Please note the discrepancy from the Board Packet.
 - BCRTA expects this project to be completed within the next 792 days or 2.2 years.

Mr. Lawson and Mr. Foster inquired about the increase in Admin Cost per Revenue Hour year over year and what made up the increase. Mr. Dutkevicz asked Mrs. Yannitty to obtain detailed information to clarify what was included in the metric and report back. Mr. Dutkevicz speculated that some cost may be due to the first year of fees for upgraded CAD/AVL systems.

Mr. Morgan responded to a question from Mr. Fehr during the May meeting about whether BCRTA could track users that were deleting the Transit and BGo apps or had stopped using them. After reaching out to developers, Mr. Morgan confirmed that data is not available or collected.

c. Marketing & Outreach

Ms. Cowan presented the April Marketing and Communications update.

Ms. Cowan reminded the board that the photographer was on-site and in the small conference room for anyone interested in a professional headshot.

Ms. Cowan announced that BCRTA has won a first place Ad-Wheel award from APTA for our now-hiring video showcasing driver testimonials. She noted that all first-place winners will compete for the grand prize and if BCRTA wins we will be receiving the award at the APTA

conference in October.

Ms. Cowan updated the board on changes to the marketing strategy. BCRTA is expanding our now hiring campaign into Hamilton County using billboards. Ms. Cowan added that BCRTA will also be using billboards in Butler County for our fixed route awareness campaign. Hunter Marketing is also recreating new rider guides and route schedules as well as working on vehicle wraps.

Ms. Cowan updated the board on the SRPS. Ms. Cowan remarked the study is meeting all their metrics and deliverables. The facilities assessment had been completed and the economic impact study is wrapping-up by the end of the month

Ms. Cowan stated that the newly passed passenger code of conduct signage is in the process of being installed in hubs, vehicles, and shelters.

Ms. Cowan informed the board that four more Max your Vax events have been scheduled for July.

Ms. Cowan stated that BCRTA will be participating in the Hamilton Juneteenth Celebration and that the Booker T. Washington Street Spark bus will be on display.

Mary Jane Leveline also gave an update on operator hiring noting that retention has improved significantly over 2021. Ms. Leveline noted that marketing has been very effective in driving applicants to apply.

d. Director's Report

1. Staffing

Since raising wages in May, the applicant pool has begun to increase. Staffing is not ahead of the curve yet, but initial trends are looking positive. Mr. Dutkevicz specifically noted that not having a planning manager was beginning to have negative effects on operations and suggested staff may seek a headhunter or other additional resources to aggressively fill this role.

BCRTA is currently seeking to fill the following positions:

Planning & Special Projects Manager	Location: Hamilton, OH Department: Administration Type: Full Time
Bus Driver - Fixed Route	Location: Hamilton, OH Department: BCRTA Type: Full Time
Bus Driver - No CDL Required	Location: Hamilton, OH Department: Operations Type: Full Time
Bus Driver Trainer	Location: Hamilton, OH Department: Operations Type: Full Time
Customer Service Supervisor	Location: Hamilton, OH Department: Type: Full Time
HRIS Analyst - Sr. HR Generalist	Location: Hamilton, OH Department: Type: Full Time
Administrative Specialist	Location: Hamilton, OH Department: BCRTA Type: Full Time
Dispatcher - Part time	Location: Hamilton, OH Department: Operations Type: Part Time
Street Supervisor	Location: Hamilton, OH Department: Operations Type: Full Time
TABC Board of Directors	Location: Hamilton, OH Department: Transit Alliance of Butler County Type: Volunteer
Trustee	Location: Hamilton, OH Department: Board of Trustees Type: Volunteer

A biweekly email digest of open positions is available. Please contact Mary Jane Leveline, BCRTA Talent & Benefits Manager (levelinem@butlercountyrta.com) if you would like to be added to the mailing list.

2. Vaccination



3. Moser Court Parking

With the addition of commuter service in 2023, BCRTA will be adding eight vehicles to the fleet. BCRTA also expects to take delivery of long-awaited small bus purchases in 2023. This combination of expansion and rise in service demand indicates a need for expanded parking. Staff will be issuing a task order as part of the new A&E contract to evaluate current parking, identify alternatives, price options, and design a final alternative for construction.

e. Planning

4. Transit Studies

BCRTA's Short Range Planning Study (SRPS) is underway. A project website has been launched at www.bcratatransitplan.com. The website is also accessible from the "Major Projects" menu on the BCRTA homepage. Initial focus groups have met and the consultant is now beginning to look at data and starting to create recommendations for public comment later this fall. Although rider response has been strong, stakeholder, decision-maker, and business response has been very poor. Staff are working closely with KH to identify better avenues to obtain input from these constituencies.

5. Chestnut Street Multimodal Station

The Part I concept design report and Part II schematic design reports have been posted to the [BCRTA "Major Projects" webpage](#).

The latest cost estimate is over \$23M which includes the total design fee and bus wash facility. The estimate does include contingency costs. Staff are aggressively pursuing cost savings in design and additional funding as available.

Lease negotiations have ramped up recently, but no agreement has been finalized yet.

Chestnut Fields Multimodal Station & Shared Services Facility Funding Summary as of May 26, 2022			
Total Estimated Project Cost including A&E, Construction, & Contingency			23,894,850
Source	FY	Share	Amount
FTA 5339b	2017	80%	2,668,750
FTA 5339b	2020	80%	2,000,000
CMAQ Awarded via OKI	2022	80%	4,500,000
FTA 5307	2019	80%	200,000
FTA 5307	2021	80%	653,705
FTA 5339	2018	80%	181,012
FTA 5339	2019	80%	166,442
FTA 5339	2020	80%	142,136
FTA 5339	2021	80%	222,985
CMAQ OKI 10% +UP	Pending	80%	450,000
ODOT Lapsing 5307 (Lorain/Parkersburg)	2017	100%	2,726,098
Miami University Local Cash on Hand	-		1,600,000
ODOT Local Match	-		-
BCRTA Required Match	-		1,789,605
BCRTA Local Cash Reserve	-		1,318,823
Unfunded	-		5,275,294
TOTAL PROGRAMMED TO DATE			18,619,556

Mr. Fehr estimated that the project is 28% short of budget as shown. He inquired how short the project would be before BCRTA would determine a “go” or “no go.” Mr. Dutkevicz noted that some contingency is built into the current budget and that he did not anticipate asking the Board to approve a construction contract until the project was fully funded. Mr. Lawson asked if the state could contribute any funding. Mr. Dutkevicz answered that BCRTA has pending grant requests with ODOT. Mr. Fehr asked if the proposed deal was all cash. Mr. Dutkevicz responded that when staff looked into financing, the State Infrastructure Bank and other lenders were not willing to lend BCRTA funds without a dedicated revenue source to demonstrate payback. Mr. Fehr asked if BCRTA was sales tax exempt and Mr. Dutkevicz affirmed.

f. Outreach & Communications

6. Brent Spence Bridge Support

BCRTA sent a letter of support with the corresponding resolution to ODOT for inclusion with their request following the May BCRTA Board meeting.

7. City of Middletown

BCRTA lost its primary liaison with the City of Middletown, Susan Cohen. Mrs. Cohen has taken a new position in Union Township. A new liaison has not yet been selected.

g. Funding & Discretionary Grant Availability

8. Collision Avoidance Equipment

Due to some very aggressive pricing on recent vehicles, staff have found money available to spend on supplemental vehicle equipment. As a result, we have decided to partner with NEORide and peer agencies to solicit for onboard collision avoidance/mitigation equipment for a small pilot group of coaches. Some of the technology is new to the sector, but other agencies are also pursuing similar solutions. Partnering with NEORide should bring price competitiveness and create a knowledgebase working group within the State for staff support.

9. 5339b

Due to the shortfall in funding for the Chestnut Fields facility, staff have applied for additional “Bus & Bus Facilities” funds also known as “Section 5339b” funds. The grant applications were due in late May and awards are expected near the end of the federal fiscal year but are not known. BCRTA has been successful with this program on two previous occasions for the same facility. Receiving this money will allow BCRTA to avoid using regular 5307 formula funding and apply those dollars toward operations and future bus replacements. If the money is not received the project may still move forward, but other capital projects may be delayed until additional funding is secured.

h. On the Horizon ...

10. Board Software

Staff have received a proposal from a firm capable of providing an electronic organizing platform for Board meetings and legislative materials. Staff are interested in pursuing the purchase but desire input from the trustees. The proposed solution would greatly improve staff collaboration on Board materials and significantly improve transparency and public availability of documents via the BCRTA website. A single year contract may not require Board approval based on initial estimates, but a multiyear contract with price incentives may. More information about the product is available at: [Meeting Management Software for the Public Sector | eScribe \(escribemeetings.com\)](https://www.escribemeetings.com/)

After discussion, it was suggested that dollars should be saved and spent on Chestnut fields and other projects at this time. Mr. Dutkevich agreed to table any board software implementation at this time.

11. EZConnect (NEORIDE) & Ecolane Contract

At the end of 2022, BCRTA’s contract with Ecolane will expire. Ecolane currently provides all demand response and ADA customer management and scheduling. As part of our replacement strategy, staff have been working with NEORide to jointly procure a future-looking mobility solution that can accommodate our current needs as well as consider future demands. Several agencies are part of the project now known as EZConnect. Staff expect this project to develop over time and add features as they become available. More information will be available about the project as the transition approaches. Watch for a full presentation at a future meeting.

12. Headshots Available

BCRTA will have a photographer onsite June 15 to complete headshots for trustees and staff. If you do not have a current photo, please plan to attend after the meeting.

13. Upcoming Procurements >\$25,000

- a) A&E On Call Task Order - Moser Court Parking Lot Expansion
- b) Parking Lot Construction
- c) Tires
- d) Chestnut Fields A&E Part IV
- e) Chestnut Fields Construction
- f) Commuter Services Marketing & Branding Services (on behalf of MTS)
- g) Procurement, Maintenance, and Finance Software Integrated Solution

Mr. Dutkevicz noted that staff would be bringing a resolution to implement procurement software soon as part of a phased plan to upgrade procurement, accounting, and service maintenance systems. Although the project represents a cost, Mr. Dutkevicz emphasized that the implementation of procurement software should help to eliminate the need for additional staff while remaining auditable and compliant with FTA as more projects and materials are required in the future.

Mr. Lawson asked about the future potential of sharing software with SORTA and other regional partners. Mr. Dutkevicz explained that the regional partners are looking closely at regional mobility platforms for microtransit and ADA services. Mr. Dutkevicz added that the planned future state for the integrated systems is complicated, and that staff would be bringing a presentation in the next few months to explain the components and staff recommendations for upcoming procurements related to the shared integrations. Mr. Dutkevicz added that BCRTA's relationship with NEORide has been exceptionally helpful at leveraging these new technology options and doing a great deal of the "heavy lifting" required in the procurement and scoping processes.

VIII. Adjourn

Mr. Fehr moved to adjourn, and Mr. Gordon seconded. The motion carried. The meeting was adjourned at 09:09 AM.

Respectfully submitted,

Matthew M. Dutkevicz, Executive Director

Approved

BCRTA
Income Statement
May 2022

	Year to Date Last Year	Year to Date This Year	Annual Budget	YTD % of Budget
Passenger Fares	39,878	2,704	116,400	2.3%
Contract Fares	53,080	99,356	140,800	70.6%
Partnership Transit Rev (COM)	822,722	688,497	1,980,000	34.8%
Transit Development Rev (MU)	819,916	927,074	2,025,250	45.8%
Mgt./Cons. Services	102,200	102,200	245,280	41.7%
Interest & Other	251,282	25,333	22,300	113.6%
Agency Funding	15,833	14,583	38,000	38.4%
Park-n-Ride Program	155,961	216,613	560,000	38.7%
State Funding	103,158	100,878	134,000	75.3%
Federal Funding	830,428	1,873,630	4,873,345	38.4%
Total Revenues	3,194,459	4,050,869	10,135,375	40.0%
Expenses				
Wages	1,230,704	1,383,988	3,481,326	39.8%
Fringes	347,547	601,882	1,867,153	32.2%
Services	199,355	272,088	1,064,360	25.6%
Materials & Supplies	237,741	352,015	598,350	58.8%
Utilities	37,165	35,043	131,152	26.7%
Insurance	91,255	106,992	219,828	48.7%
Purchased Transportation	155,961	216,613	560,000	38.7%
Misc. Items	46,325	22,911	79,900	28.7%
Contingency	30,599	-	20,000	0.0%
Total Expenses	2,376,653	2,991,531	8,022,069	37.3%
Gain/Loss before Depr, NP & OPEB Exp	817,806	1,059,337	2,113,306	50.1%
Local Share of Depreciation Exp		129,569	324,000	40.0%
Net Pension & OPEB Exp (Inc)		-	818,495	0.0%
Total Gain/(Loss)		929,769	970,811	95.8%

Date	Reference	Jrnl	Trans Description	Debit Amt	Credit Amt	Balance
Checking - PNC (National City)						
5/1/22			Beginning Balance			746,598.80
5/2/22	842940	CRJ	Farebox Receipts	20.04		
5/2/22	0046758095	CRJ	Ohio Dept of Medicaid	1,145.00		
5/2/22	6532342	CRJ	BCRTA Items	9,342.00		
5/2/22	04.01-30.22	CRJ	Farebox Receipts	10.00		
5/2/22	!0402215	CRJ	Miami University	150,300.67		
5/2/22	05/02/22	GENJ	Service Charge		3.00	
5/4/22	05/04/2022	CRJ	BCRTA Items - to Saving		200,000.00	
5/9/22	10592	CDJ	Tristate Cleaning		500.00	
5/9/22	10593	CDJ	Ohio Hydraulics Inc.		143.80	
5/9/22	10594	CDJ	American Red Cross		70.00	
5/9/22	10595	CDJ	Auditor of State		6,785.50	
5/9/22	10596	CDJ	Affordable Pest Control Inc.		53.00	
5/9/22	10597	CDJ	Alpine Valley Water		26.24	
5/9/22	10598	CDJ	BCRTA Petty Cash		235.38	
5/9/22	10599	CDJ	Bethesda Healthcare Inc.		1,642.00	
5/9/22	10600	CDJ	Biometric Information Manageme		800.00	
5/9/22	10601	CDJ	Brighton Spring Service		125.00	
5/9/22	10602	CDJ	Cincinnati Bell		143.95	
5/9/22	10603	CDJ	Cintas Corporation		627.68	
5/9/22	10604	CDJ	Cornett's Pressure Cleaning		710.00	
5/9/22	10605	CDJ	Franks Glass		330.00	
5/9/22	10606	CDJ	Fastsigns 220901		45.00	
5/9/22	10607	CDJ	Gillig		307.54	
5/9/22	10608	CDJ	Health Transit Pool of Ohio		55,000.00	
5/9/22	10609	CDJ	Mighty Auto Parts		235.46	
5/9/22	10610	CDJ	Ohio Newspapers, Inc.		55.23	
5/9/22	10611	CDJ	PERS		62,327.39	
5/9/22	10612	CDJ	RICOH USA, INC		9.28	
5/9/22	10613	CDJ	RLS & Associates		327.07	
5/9/22	10614	CDJ	Tristate Cleaning		300.00	
5/9/22	10615	CDJ	Transport Specialists, Inc.		1,271.96	
5/9/22	10616	CDJ	Verizon Wireless		2,471.13	
5/9/22	10616V	CDJ	Verizon Wireless	2,471.13		
5/9/22	10617	CDJ	Verizon Wireless		2,471.13	
5/9/22	AT-05/09/2022	CDJ	BCRTA PNC Card Purchases		4,042.12	
5/12/22	01097127	CRJ	Butler County Veterans Service	15,260.21		
5/12/22	01097126	CRJ	Butler County Veterans Service	13,687.70		
5/12/22	PRWE 05/6/22	GENJ			2,260.67	
5/12/22	PRWE 05/6/22	GENJ	check 1471		137.20	
5/12/22	PRWE 05/6/22	GENJ	Check 1472		106.20	
5/12/22	PRWE 05/6/22	GENJ			2,158.39	
5/12/22	PRWE 05/6/22	GENJ			118,508.00	
5/12/22	PRWE 05/6/22	GENJ	Check 1049		1,240.53	
5/12/22	PRWE 05/6/22	GENJ			19,733.58	
5/12/22	1736	CRJ	BCRTA Items	62.64		
5/13/22	AT 5/13/22	CDJ	Paycom		1,116.74	
5/13/22	10618	CDJ	Hunter Marketing		4,143.75	
5/13/22	10619	CDJ	City of Middletown Treasury Di		153.00	
5/13/22	10620	CDJ	Cornett's Pressure Cleaning		665.00	
5/13/22	10621	CDJ	Gillig		239.92	
5/13/22	10622	CDJ	GemCity Tires, Inc		1,526.95	

5/13/22	10623	CDJ	Heritage-Crystal Clean LLC	372.37
5/13/22	10624	CDJ	Isaac Wiles Burkholder & Teeto	2,227.00
5/13/22	10625	CDJ	KOI Enterprises, Inc.	3,762.43
5/13/22	10626	CDJ	Minuteman Press - Fairfield	142.00
5/13/22	10627	CDJ	Ohio Deferred Compensation	890.00
5/13/22	10628	CDJ	Ohio Newspapers, Inc.	478.80
5/13/22	10629	CDJ	Port Technology LLC	5,955.10
5/13/22	10630	CDJ	Rumpke Of Ohio Inc.	275.09
5/13/22	10631	CDJ	Treasurer State of Ohio	330.75
5/13/22	10632	CDJ	Zep Manufacturing	282.31
5/16/22	0046845342	CRJ	Ohio Department of Transportat	143,795.00
5/16/22	0046851952	CRJ	Ohio Department of Transportat	16,635.72
5/16/22	284953	CRJ	City of Middletown	158,625.74
5/16/22	0046851953	CRJ	Ohio Dept of Medicaid	1,655.00
5/16/22	02155873	CRJ	BCRTA Items	1,466.00
5/17/22	ACH05/17/2022	CDJ	SuperFleet Mastercard Program	37,904.10
5/18/22	1050M	CDJ		230.76
5/20/22	10634	CDJ	Cintas Uniforms	1,547.84
5/20/22	10635	CDJ	Bryce's Lawncare & Landscaping	2,830.00
5/20/22	10636	CDJ	Cummins Bridgeway LLC	651.67
5/20/22	10637	CDJ	Cintas Corporation	2,414.00
5/20/22	10638	CDJ	City of Hamilton - Utilities	2,804.13
5/20/22	10639	CDJ	Cornett's Pressure Cleaning	1,055.00
5/20/22	10640	CDJ	Cintas Uniforms	1,438.38
5/20/22	10641	CDJ	Fuller Ford	189.28
5/20/22	10642	CDJ	Franks Glass	85.00
5/20/22	10643	CDJ	Fastsigns 220901	67.50
5/20/22	10644	CDJ	Heritage-Crystal Clean LLC	50.00
5/20/22	10645	CDJ	Kimley-Horn And Associates, In	16,606.00
5/20/22	10646	CDJ	Millennium Business Systems,LL	375.98
5/20/22	10647	CDJ	Ohio Deferred Compensation	890.00
5/20/22	10648	CDJ	Ohio Transit Risk Pool	42,478.93
5/20/22	10649	CDJ	Security Lock Company	3.50
5/23/22	0046959216/004695	CRJ	Ohio Department of Taxation	18,184.93
5/23/22	01097903	CRJ	Butler County Veterans Service	7,195.24
5/23/22	01097902	CRJ	Butler County Veterans Service	4,271.64
5/24/22	05/24/2022	CRJ	BCRTA Items - xfer Checking to \$\$ Saving	200,000.00
5/26/22	AT 05/27/22	CDJ	Paycom	1,136.26
5/26/22	PRWE 05/20/22	GENJ	1474	106.20
5/26/22	PRWE 05/20/22	GENJ		3,023.22
5/26/22	PRWE 05/20/22	GENJ	1473	137.20
5/26/22	PRWE 05/20/22	GENJ		22,886.23
5/26/22	PRWE 05/20/22	GENJ		2,158.39
5/26/22	PRWE 05/20/22	GENJ		114,886.92
5/31/22	10650	CDJ	Alpine Valley Water	42.05
5/31/22	10651	CDJ	Amazon Capital Services	1,787.43
5/31/22	10652	CDJ	American Red Cross	70.00
5/31/22	10653	CDJ	Bethesda Healthcare Inc.	1,847.40
5/31/22	10654	CDJ	Cincinnati Bell	78.32
5/31/22	10655	CDJ	Cummins Bridgeway LLC	934.56
5/31/22	10656	CDJ	Cornett's Pressure Cleaning	2,750.00
5/31/22	10657	CDJ	GMV SYNCROMATICS	3,877.00
5/31/22	10658	CDJ	Myers Equipment Corporation	213.25
5/31/22	10659	CDJ	Overhead Door of Greater Cincinnati	3,690.75

5/31/22	10660	CDJ	Ohio Newspapers, Inc.	61.05		
5/31/22	10661	CDJ	Refitt's LLC	600.00		
5/31/22	10662	CDJ	Talawanda School District	15,993.24		
5/31/22	10663	CDJ	Vanguard Cleaning Systems Of O	950.00		
5/31/22	10664	CDJ	Verizon Wireless	98.80		
5/31/22	105312022	CRJ	Miami University	146,277.57		
5/31/22	PRWE 06/03/22	GENJ	1052	628.41		
			Change	690,406.23	997,343.39	-306,937.16
5/31/22			Ending Balance			439,661.64

Savings - PNC (National City)

5/1/22			Beginning Balance			49,454.62
5/2/22	05/02/22	GENJ	Service Charge		2.14	
5/12/22	AT PP 05/12/22	CRJ	BCRTA Items	98.46		
5/31/22	05/31/22	GENJ	Interest Income	0.44		
			Change	98.90	2.14	96.76
5/31/22			Ending Balance			49,551.38

Savings - PNC Bank

5/1/22			Beginning Balance			879,308.87
5/2/22	05/02/22	GENJ	Service Charge		2.00	
5/4/22	05/04/2022	CRJ	BCRTA Items	200,000.00		
5/24/22	05/24/2022	CRJ	BCRTA Items	200,000.00		
5/31/22	05/31/22	GENJ	Interest Income	9.68		
			Change	400,009.68	2.00	400,007.68
5/31/22			Ending Balance			1,279,316.55

STAR Ohio

5/1/22			Beginning Balance			3,703,293.11
5/31/22	05/31/22	GENJ	Interest Income	2,460.17		
			Change	2,460.17		2,460.17
5/31/22			Ending Balance			3,705,753.28

BCRTA
Balance Sheet
May 2022

Assets

Current Assets		*Other Assets	
Checking - PNC	439,661.64	Net Pension Asset	37,624.00
Savings - PNC	49,551.38	Net OPEB Asset	347,230.00
Savings - PNC	1,279,316.55	Deferred Outflows-Pensions	513,337.00
STAR Ohio	3,705,753.28	Deferred Outflows-OPEB	228,073.00
M&S Inventory	62,388.87		
Petty Cash	1,000.00	Property & Equipment	
Accounts Receivable	1,542,460.02	Vehicles	12,087,369.05
Prepays	132,830.72	Buildings & Land	2,734,604.53
		Furniture & Equipment	1,375,167.71
		Amenities & Misc.	69,631.89
		WIP-Building	67,953.25
		WIP-Technology Upgrade	719,309.19
		WIP-Chestnut Fields	387,395.52
		Accum. Depr.	(8,747,022.91)
	<hr/>		<hr/>
	7,212,962.46		9,820,672.23
			Total Assets
			<u>17,033,634.69</u>

Liabilities & Equity

Current Liabilities		*Long-term Liabilities	
Accounts Payable	188,571.98	Net Pension Liability	2,837,919.00
Payroll Payables	113,898.23	Deferred Inflows-Pensions	1,354,577.00
Other Payables	-	Deferred Inflows-OPEB	1,137,453.00
Accrued PTO	148,508.41		
Reserve ACA Fines	-	Equity	
FTA Vehicle Funds	68,131.00	Balance Equity	2,861,645.23
Future Match Funds	41,666.64	Federal & State Capital	15,417,102.25
Unearned Tickets	28,284.50	Local Capital	89,410.00
		Retained Earnings	(8,312,870.02)
		Net Income	1,059,337.47
	<hr/>		<hr/>
	589,060.76		16,444,573.93
			Total Liabilities and Capital
			<u>17,033,634.69</u>

**BCRTA
Cash Reserves**

May 2022

Current Assets	7,212,962.46
Current Liabilities	<u>(589,060.76)</u>
Available Funds	6,623,901.70

Board Reserves

Local Share Grant Obligations		
OH-2018-21-00	313,486.00	
OH-2021-56-00	1,593,594.00	
OH-2021-60-00	2,607,427.00	
Less Miami University Chestnut Fields Match	(1,600,000.00)	
Less Projected Local Match	<u>(1,842,038.00)</u>	MU, MED, R6, VA
Match Required or (Overmatch)	1,072,469.00	
 FTA Grants	 1,072,469.00	 Match Required
 Working Capital Funds (2 Mths.)	 1,247,033.00	
 Capital Replacement Funds	 2,233,400.00	 2023 - 2027 Local Share of Projects Not Yet on Grants
 Contingency Funds	 <u>-</u>	
 Total Board Reserves	 4,552,902.00	
 Non-Restricted Funds	 2,070,999.70	

BCRTA
Income Statement
June 2022

	Year to Date Last Year	Year to Date This Year	Annual Budget	YTD % of Budget
Passenger Fares	50,667	4,986	116,400	4.3%
Contract Fares	65,071	107,401	140,800	76.3%
Partnership Transit Rev (COM)	1,002,205	818,658	1,980,000	41.3%
Transit Development Rev (MU)	1,016,733	1,177,255	2,025,250	58.1%
Mgt./Cons. Services	122,640	122,640	245,280	50.0%
Interest & Other	255,739	30,228	22,300	135.6%
Agency Funding	19,000	16,667	38,000	43.9%
Park-n-Ride Program	207,948	259,935	560,000	46.4%
State Funding	126,880	115,628	134,000	86.3%
Federal Funding	994,458	2,125,886	4,873,345	43.6%
Total Revenues	3,861,342	4,779,283	10,135,375	47.2%
Expenses				
Wages	1,434,440	1,676,416	3,481,326	48.2%
Fringes	432,956	769,688	1,867,153	41.2%
Services	247,907	376,254	1,064,360	35.4%
Materials & Supplies	281,295	437,253	598,350	73.1%
Utilities	43,981	41,247	131,152	31.4%
Insurance	111,507	133,028	219,828	60.5%
Purchased Transportation	207,948	259,935	560,000	46.4%
Misc. Items	47,273	43,437	79,900	54.4%
Contingency	36,224	-	20,000	0.0%
Total Expenses	2,843,531	3,737,259	8,022,069	46.6%
Gain/Loss before Depr, NP & OPEB Exp	1,017,811	1,042,024	2,113,306	49.3%
Local Share of Depreciation Exp		155,483	324,000	48.0%
Net Pension & OPEB Exp (Inc)		-	818,495	0.0%
Total Gain/(Loss)		886,542	970,811	91.3%

Date	Reference	Jrnl	Trans Description	Debit Amt	Credit Amt	Balance
Checking - PNC (National City)						
6/1/22			Beginning Balance			439,661.64
6/1/22	3112	CRJ	BCRTA Items	30.72		
6/1/22	260542	CRJ	Farebox Receipts	1.82		
6/1/22	763103598	CRJ	Ohio Transit Risk Pool	9,188.27		
6/1/22	05.01-30.22	CRJ	Farebox Receipts	15.33		
6/1/22	06/01/2022	CRJ	BCRTA Items - to Money Market		103,251.62	
6/1/22	060122	CRJ	Federal Transit Administration	7,177.00		
6/1/22	06012022	CRJ	Federal Transit Administration	7,653.00		
6/1/22	06012022	CRJ	Federal Transit Administration	385,672.00		
6/1/22	06/01/22	GENJ	Service Charge		3.00	
6/1/22	10406963	CRJ	MU Alumni Association	1,610.00		
6/6/22	10665	CDJ	Auditor of State		205.00	
6/6/22	10666	CDJ	Affordable Pest Control Inc.		53.00	
6/6/22	10667	CDJ	BCRTA Petty Cash		327.55	
6/6/22	10668	CDJ	Brighton Spring Service		255.00	
6/6/22	10669	CDJ	Cincinnati Bell Any Distance		502.15	
6/6/22	10670	CDJ	Cornett's Pressure Cleaning		730.00	
6/6/22	10671	CDJ	Cintas Uniforms		242.13	
6/6/22	10672	CDJ	Fuller Ford		351.30	
6/6/22	10673	CDJ	Hunter Marketing		20,593.55	
6/6/22	10674	CDJ	Luxurious Wraps, LLC		3,520.00	
6/6/22	10675	CDJ	Myers Equipment Corporation		146.51	
6/6/22	10676	CDJ	Minuteman Press - Fairfield		634.66	
6/6/22	10677	CDJ	Overhead Door of Greater Cincinnati		29.00	
6/6/22	10678	CDJ	Recycle Away, LLC		2,051.60	
6/6/22	10679	CDJ	RICOH USA, INC		8.53	
6/6/22	10680	CDJ	The Chamber of Commerce Services		350.00	
6/6/22	10681	CDJ	Treasurer State of Ohio		283.50	
6/6/22	10682	CDJ	Verizon Wireless		2,664.96	
6/6/22	0046976315	CRJ	Ohio Department of Transportation	3,834.00		
6/6/22	1085	CRJ	Transit Alliance of Butler County	25,000.00		
6/6/22	AT-06/06/2022	CDJ	BCRTA PNC Card Purchases		8,365.81	
6/6/22	6542055	CRJ	BCRTA Items	725.00		
6/6/22	06/06/2022	CRJ	BCRTA Items - xfer checking to \$\$ saving		200,000.00	
6/7/22	06/07/2022	CRJ	BCRTA Items - xfer checking to \$\$ saving		200,000.00	
6/7/22	ACH06/07/2022	CDJ	SuperFleet Mastercard Program		48,568.41	
6/9/22	PRWE 06/03/22	GENJ			2,764.46	
6/9/22	PRWE 06/03/22	GENJ			104,578.11	
6/9/22	PRWE 06/03/22	GENJ	1476		106.20	
6/9/22	PRWE 06/03/22	GENJ	1475		137.20	
6/9/22	PRWE 06/03/22	GENJ			18,991.35	
6/9/22	PRWE 06/03/22	GENJ			2,551.84	
6/10/22	AT 06/10/22	CDJ	Paycom		1,170.01	
6/10/22	10683	CDJ	Cintas Uniforms		1,605.75	
6/10/22	10684	CDJ	Bethesda Healthcare Inc.		188.60	
6/10/22	10685	CDJ	Bryce's Lawn Care & Landscaping		2,150.00	
6/10/22	10686	CDJ	Cintas Corporation		1,245.38	
6/10/22	10687	CDJ	Certified Language Int.		42.05	
6/10/22	10688	CDJ	Cornett's Pressure Cleaning		540.00	
6/10/22	10689	CDJ	Cintas Uniforms		2,185.79	
6/10/22	10690	CDJ	Fairfield Chamber of Commerce		620.00	
6/10/22	10691	CDJ	Fleet Pride		68.34	

6/10/22	10692	CDJ	Gillig		290.19
6/10/22	10693	CDJ	Health Transit Pool of Ohio		55,000.00
6/10/22	10694	CDJ	Hunter Marketing		3,783.30
6/10/22	10695	CDJ	KOI Enterprises, Inc.		3,024.25
6/10/22	10696	CDJ	Millennium Business Systems,LL		387.95
6/10/22	10697	CDJ	Myers Equipment Corporation		320.96
6/10/22	10698	CDJ	Minuteman Press - Fairfield		289.10
6/10/22	10699	CDJ	My Parts Express		1,794.90
6/10/22	10700	CDJ	ODACS, LLC		145.00
6/10/22	10701	CDJ	Ohio Deferred Compensation		890.00
6/10/22	10702	CDJ	Ohio Transit Risk Pool		19.50
6/10/22	10703	CDJ	Ports Petroleum Co Inc		1,560.00
6/10/22	10704	CDJ	Port Technology LLC		2,696.30
6/10/22	10705	CDJ	Rumpke Of Ohio Inc.		279.24
6/10/22	06/10/2022	CRJ	BCRTA Items	123,601.27	
6/16/22	0047099580	CRJ	Ohio Dept of Medicaid	1,370.00	
6/16/22	0047114112	CRJ	Ohio Department of Taxation	5,265.16	
6/16/22	0047114111	CRJ	Ohio Department of Taxation	11,060.25	
6/16/22	285617	CRJ	City of Middletown	146,531.55	
6/20/22	06/22/2022	CRJ	BCRTA Items - xfer checking to \$\$ saving		200,000.00
6/21/22	0047122863	CRJ	Ohio Department of Transportat	74,812.62	
6/21/22	1053	CDJ	Twyla Nelson		114.18
6/23/22	PRWE 06/17/22	GENJ	1479		139.86
6/23/22	PRWE 06/17/22	GENJ			126,988.59
6/23/22	PRWE 06/17/22	GENJ	1477		137.20
6/23/22	PRWE 06/17/22	GENJ			2,551.84
6/23/22	PRWE 06/17/22	GENJ	1478		106.20
6/23/22	PRWE 06/17/22	GENJ			24,733.75
6/27/22	10706	CDJ	Amazon Capital Services		241.68
6/27/22	10707	CDJ	Cornett's Pressure Cleaning		345.00
6/27/22	10708	CDJ	American Red Cross		140.00
6/27/22	10709	CDJ	Cummins Bridgeway LLC		350.99
6/27/22	10710	CDJ	Comtech Global, Inc.		10,790.00
6/27/22	10711	CDJ	City of Hamilton - Utilities		2,627.96
6/27/22	10712	CDJ	Cornett's Pressure Cleaning		1,125.00
6/27/22	10713	CDJ	Franks Glass		85.00
6/27/22	10714	CDJ	Fleet Pride		136.68
6/27/22	10715	CDJ	Gillig		217.00
6/27/22	10716	CDJ	GemCity Tires, Inc		1,776.95
6/27/22	10717	CDJ	Interstate Billing Service		411.54
6/27/22	10718	CDJ	Isaac Wiles Burkholder & Teeto		1,133.75
6/27/22	10719	CDJ	Minuteman Press - Fairfield		372.00
6/27/22	10720	CDJ	Ohio Deferred Compensation		890.00
6/27/22	10721	CDJ	Overhead Door of Greater Cinci		29.00
6/27/22	10722	CDJ	Office Depot Inc.		56.40
6/27/22	10723	CDJ	Prefered Fire Protection		185.00
6/27/22	10724	CDJ	Sportsworlds Global LLC		479.23
6/27/22	10725	CDJ	Talawanda School District		11,720.16
6/27/22	10726	CDJ	Walt Fouch Photography		525.00
6/27/22	10406035	CRJ	Miami University	4,397.27	
6/28/22	144	CRJ	BCRTA Items	10.00	
6/28/22	584256	CRJ	Neoride / EZFAre SVA	2.28	
6/28/22	AT 6/24/22	CDJ	Paycom		1,119.06
6/28/22	10677V	CDJ	Overhead Door of Greater Cinci	29.00	

6/28/22	01099199	CRJ	Butler County Veterans Service	4,616.50		
6/28/22	01099198	CRJ	Butler County Veterans Service	2,689.82		
6/28/22	01099197	CRJ	Butler County CDBG	25,000.00		
6/30/22	!0406154	CRJ	Miami University	48,581.35		
6/30/22	70122	CRJ	Farebox Receipts	363.21		
			Change	889,237.42	1,192,092.07	-302,854.65
6/30/22			Ending Balance			136,806.99

Savings - PNC (National City)

6/1/22			Beginning Balance			49,551.38
6/1/22	06/01/22	GENJ	Service Charge		2.14	
6/30/22	CC 06/30/22	CRJ	Farebox Receipts	57.07		
6/30/22	06/30/22	GENJ	Interest Income	0.40		
6/30/22	MAS 071122	CRJ	Farebox Receipts	155.56		
			Change	213.03	2.14	210.89
6/30/22			Ending Balance			49,762.27

Savings - PNC Bank

6/1/22			Beginning Balance			1,279,316.55
6/1/22	06/01/2022	CRJ	BCRTA Items	103,251.62		
6/1/22	06/01/22	GENJ	Service Charge		2.00	
6/6/22	06/06/2022	CRJ	BCRTA Items	200,000.00		
6/7/22	06/07/2022	CRJ	BCRTA Items	200,000.00		
6/10/22	06/10/2022	CRJ	BCRTA Items - xfer \$\$ saving to checking		123,601.27	
6/20/22	06/22/2022	CRJ	BCRTA Items	200,000.00		
6/30/22	06/30/22	GENJ	Interest Income	13.83		
			Change	703,265.45	123,603.27	579,662.18
6/30/22			Ending Balance			1,858,978.73

STAR Ohio

6/1/22			Beginning Balance			3,705,753.28
6/30/22	06/30/22	GENJ	Interest Income	3,500.45		
			Change	3,500.45		3,500.45
6/30/22			Ending Balance			3,709,253.73

BCRTA
Balance Sheet
June 2022

Assets

Current Assets

Checking - PNC	136,806.99
Savings - PNC	49,762.27
Savings - PNC	1,858,978.73
STAR Ohio	3,709,253.73
M&S Inventory	63,857.47
Petty Cash	1,000.00
Accounts Receivable	1,477,560.84
Prepays	60,694.69
	20,606.26
	23,524.67

7,402,045.65

*Other Assets

Net Pension Asset	37,624.00
Net OPEB Asset	347,230.00
Deferred Outflows-Pensions	513,337.00
Deferred Outflows-OPEB	228,073.00

Property & Equipment

Vehicles	12,087,369.05
Buildings & Land	2,734,604.53
Furniture & Equipment	1,375,167.71
Amenities & Misc.	69,631.89
WIP-Building	67,953.25
WIP-Technology Upgrade	719,309.19
WIP-Chestnut Fields	710,883.02
Accum. Depr.	(8,747,022.91)

10,144,159.73

Total Assets

17,546,205.38

Liabilities & Equity

Current Liabilities

Accounts Payable	666,905.96
Payroll Payables	161,372.17
Other Payables	-
Accrued PTO	148,508.41
Reserve ACA Fines	-
FTA Vehicle Funds	68,131.00
Future Match Funds	39,583.31
Unearned Tickets	28,328.50

1,112,829.35

*Long-term Liabilities

Net Pension Liability	2,837,919.00
Deferred Inflows-Pensions	1,354,577.00
Deferred Inflows-OPEB	1,137,453.00

Equity

Balance Equity	2,861,645.23
Federal & State Capital	15,417,102.25
Local Capital	89,410.00
Retained Earnings	(8,312,870.02)
Net Income	1,048,139.57

16,433,376.03

Total Liabilities
and Capital

17,546,205.38

BCRTA
Cash Reserves

June 2022

Current Assets	7,402,045.65
Current Liabilities	<u>(1,112,829.35)</u>
Available Funds	6,289,216.30

Board Reserves

Local Share Grant Obligations		
OH-2018-21-00	313,486.00	
OH-2021-56-00	1,593,594.00	
OH-2021-60-00	2,607,427.00	
Less Miami University Chestnut Fields Match	(1,600,000.00)	
Less Projected Local Match	<u>(1,842,038.00)</u>	MU, MED, R6, VA
Match Required or (Overmatch)	1,072,469.00	
 FTA Grants	 1,072,469.00	 Match Required
 Working Capital Funds (2 Mths.)	 1,247,033.00	
 Capital Replacement Funds	 2,233,400.00	 2023 - 2027 Local Share of Projects Not Yet on Grants
 Contingency Funds	 <u>-</u>	
 Total Board Reserves	 4,552,902.00	
 Non-Restricted Funds	 1,736,314.30	



BCRTA TRANSIT PLAN



BCRTA Transit Plan Board Update

August 2022



Plan Schedule



Phase 1 Community Engagement

Purpose: To gather feedback from the public and stakeholders on their experiences using BCRTA and what *is* and *is not* working well with the system currently.

Public Survey

303

Operator Survey

20

Decision Maker Survey

13

Interactive Map

10

Business/Employer Survey

11

Focus Groups

4 meetings; 21 attendees

Key Takeaways

Strengths:

- Fare-free system.
- Generally reliable, and on-time service.
- Bus operators' friendliness and knowledge of routes and riders.

Areas of improvements to BCRTA service:

- Focus on serving residents (not just students).
- Expanding service to neighborhoods and having the same level of service available during the school year available year-round.
- More service to cities across the county and to Cincinnati vs. within cities.
- More service outside of typical commute hours – early mornings, nights, midday, and on weekends.
- Bi-directional routes so customers do not have to ride the full loop.
- Increased capacity on certain routes/during certain times of day.
- Finding more drivers to limit service cuts.
- Matching schedules, rider app, and operator tablet programming.

Key Takeaways

Areas of improvement to BCRTA facilities:

- Real-time transit information.
- More shelters.
- More benches, particularly around apartment complexes and shopping centers.

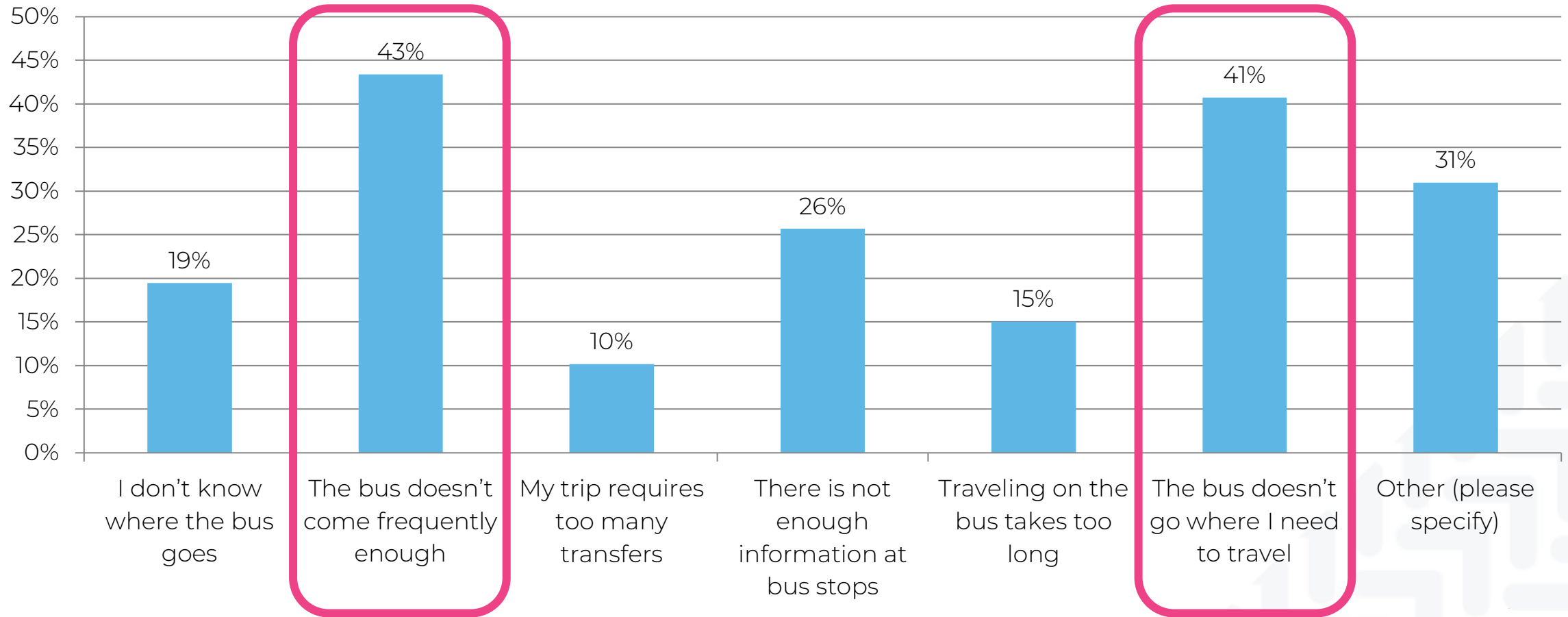
Areas of improvement for customer information and customer experience:

- More accessible/easy-to-understand transit information (e.g., more accuracy on bus tracking app, better information at shelters and online).

- Robust advertising around driver positions, routes, and services that BCRTA offers (e.g., BGo, paratransit).
- Robust education around how to ride transit (e.g., “learn how to ride days”, info panels inside buses, presentations at Miami Freshmen orientation).

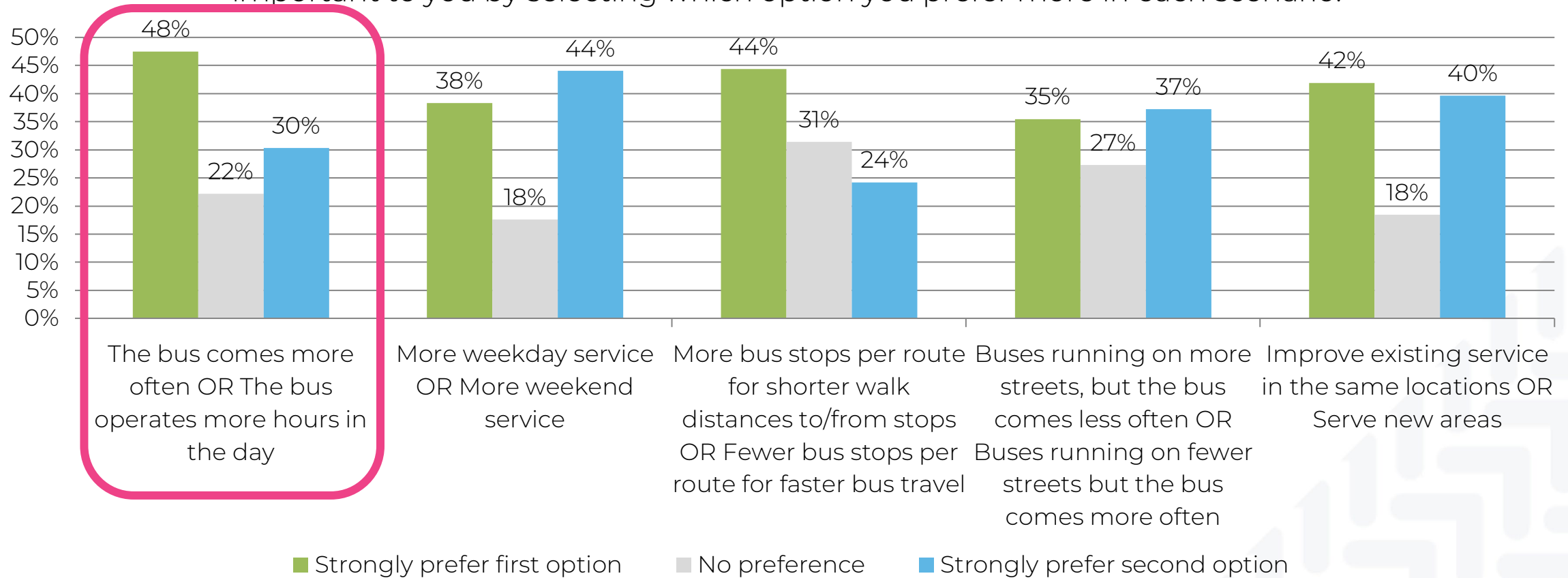
Public Survey

What barriers have you experienced to taking transit? Select all that apply.



Public Survey

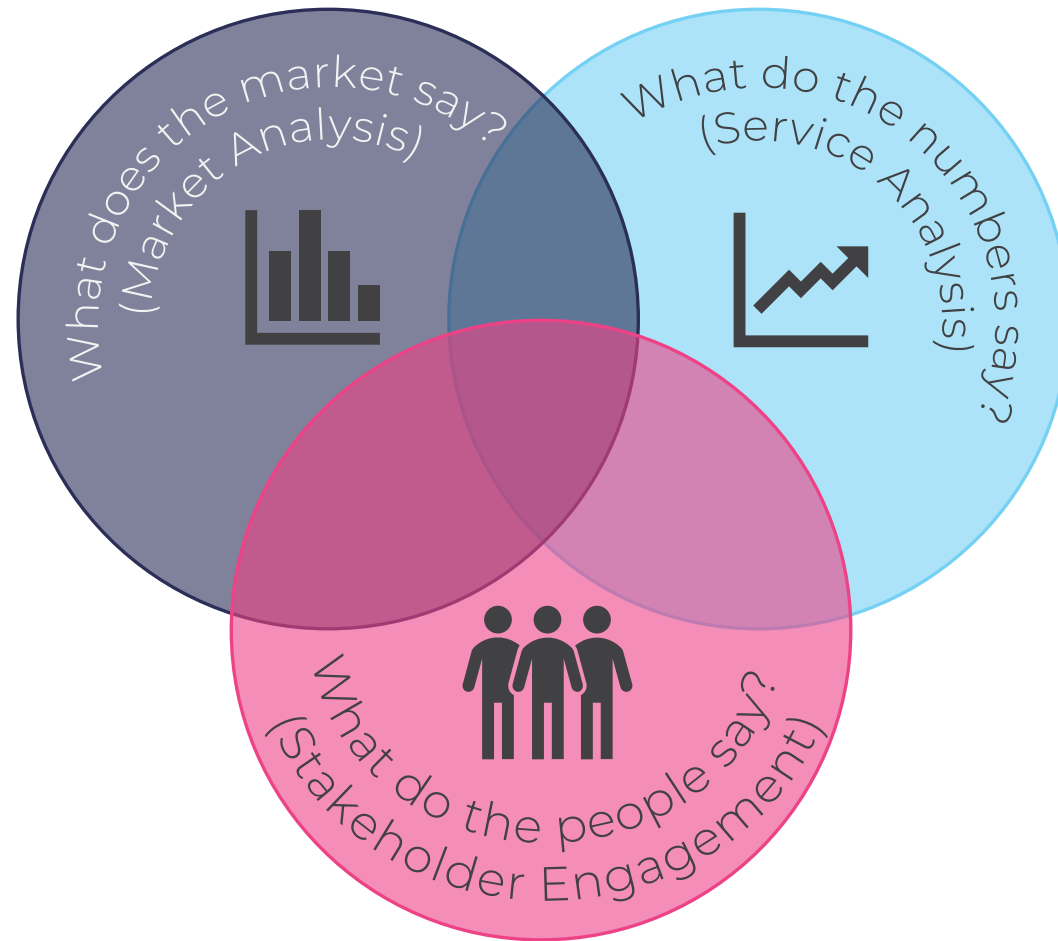
Transit service sometimes requires trade-offs. Please help us understand what is most important to you by selecting which option you prefer more in each scenario.



Draft Service Goals

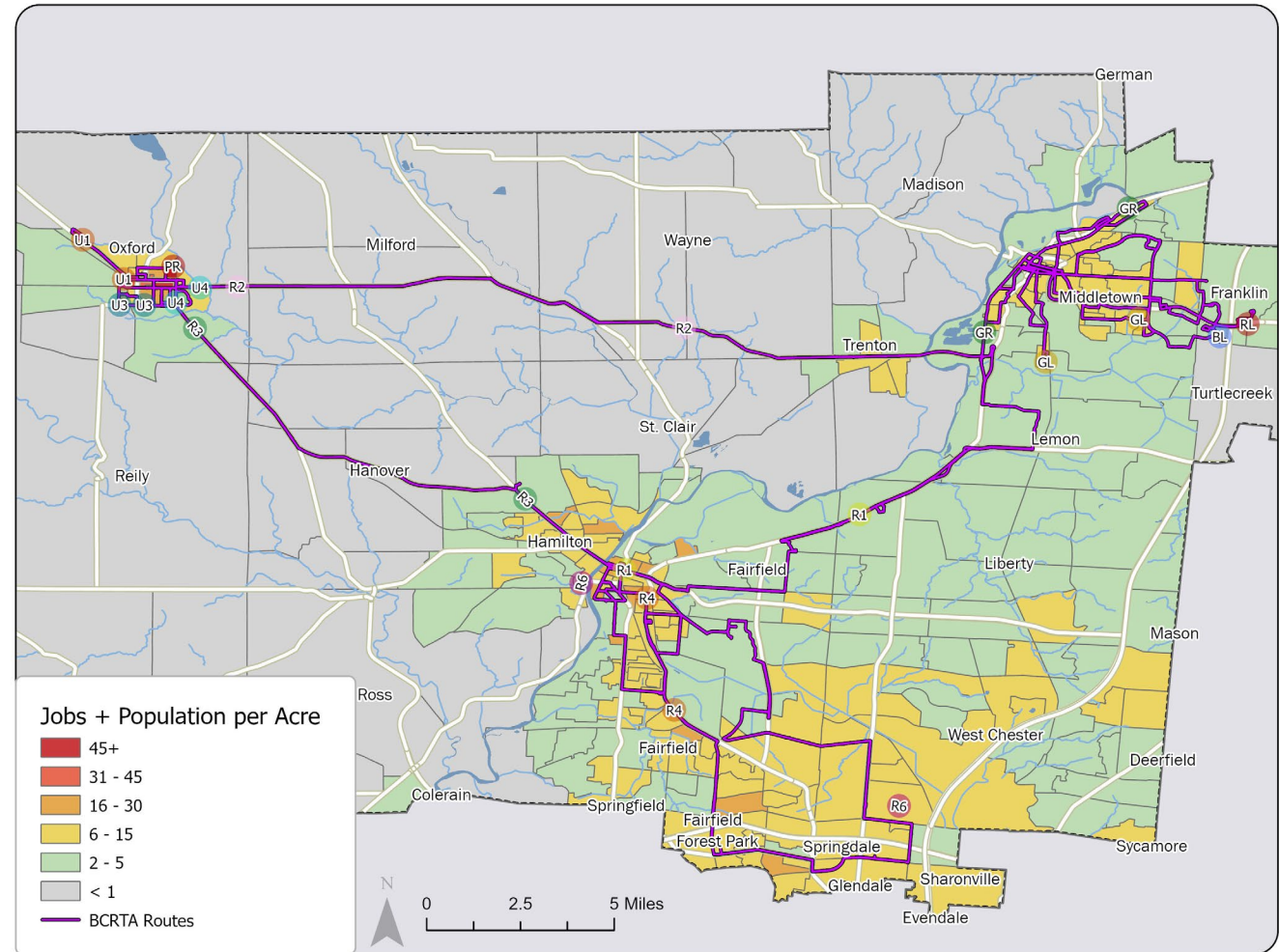
- Analyze the existing system to identify strengths, weaknesses, and opportunities for expansion/improvement.
- Develop service improvement recommendations:
 - Increase ridership
 - Improve over-all system efficiency
 - Consider new approaches to service and new mobility technologies

Project Approach



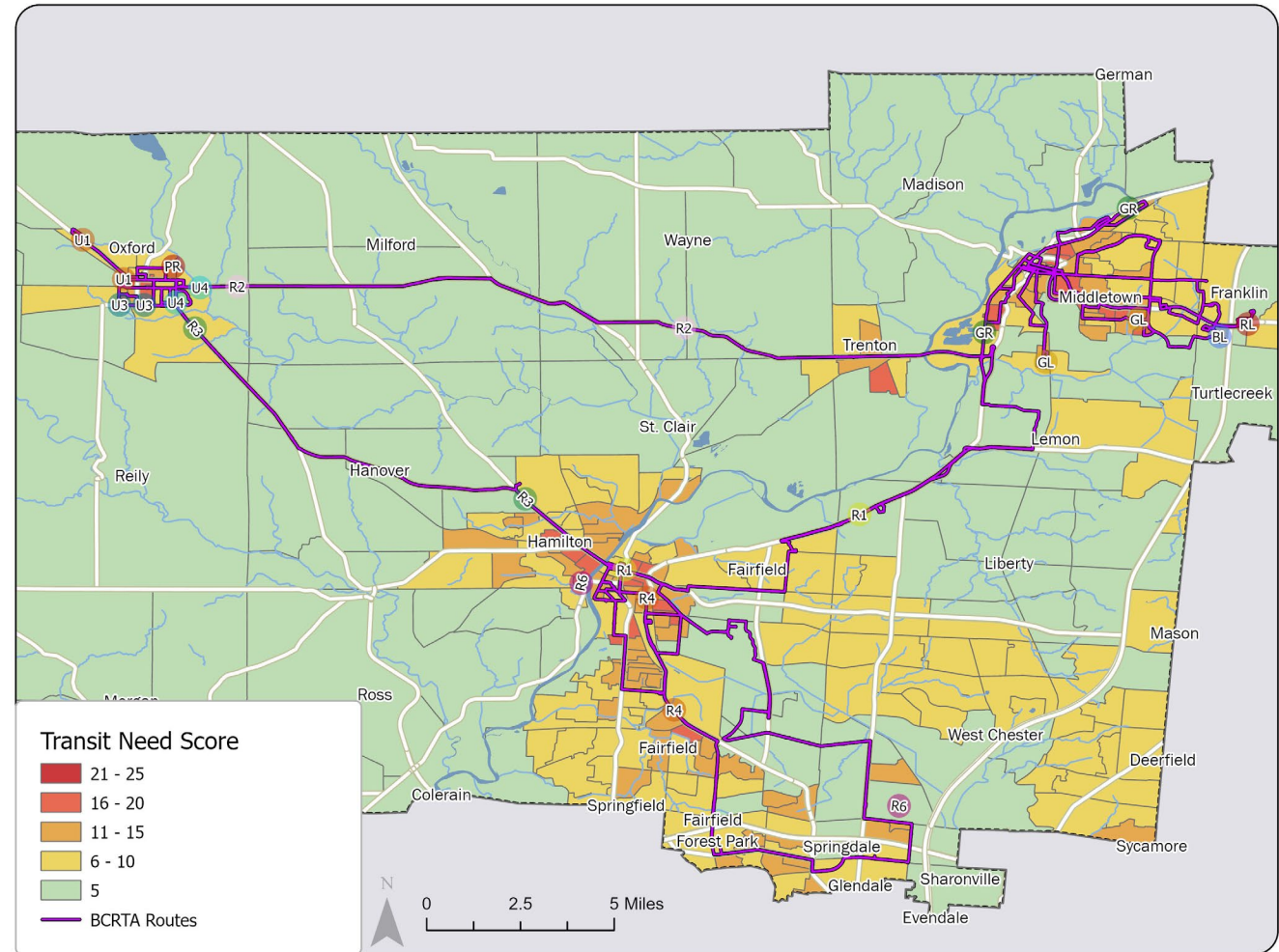
Market Analysis

- Transit Potential
 - Transit service is generally most efficient in areas with high concentrations of people and jobs.
 - The Transit Potential Index is a composite of the population and employment density of an area and is an indicator of the viability of fixed-route service in that area.



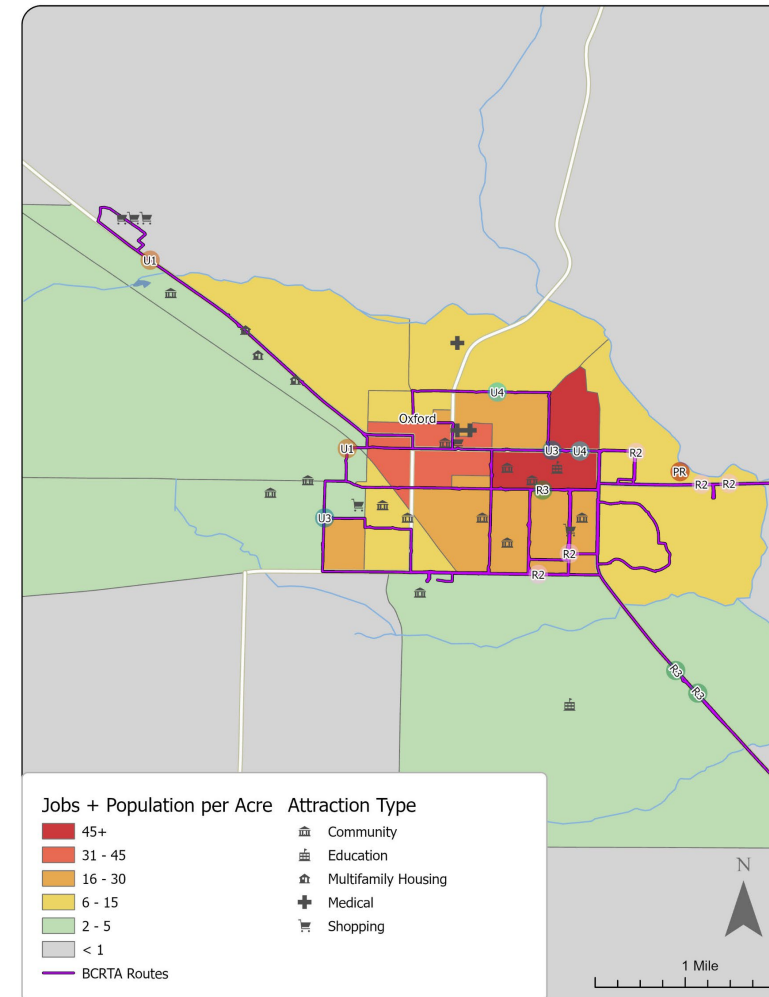
Market Analysis

- Transit Need
 - Certain population subgroups are more likely to use transit than other modes as their primary means of transportation.
 - Zero-Vehicle Households
 - Persons with Disabilities
 - Low-income Households
 - Youth and Young Adults
 - Older Adults



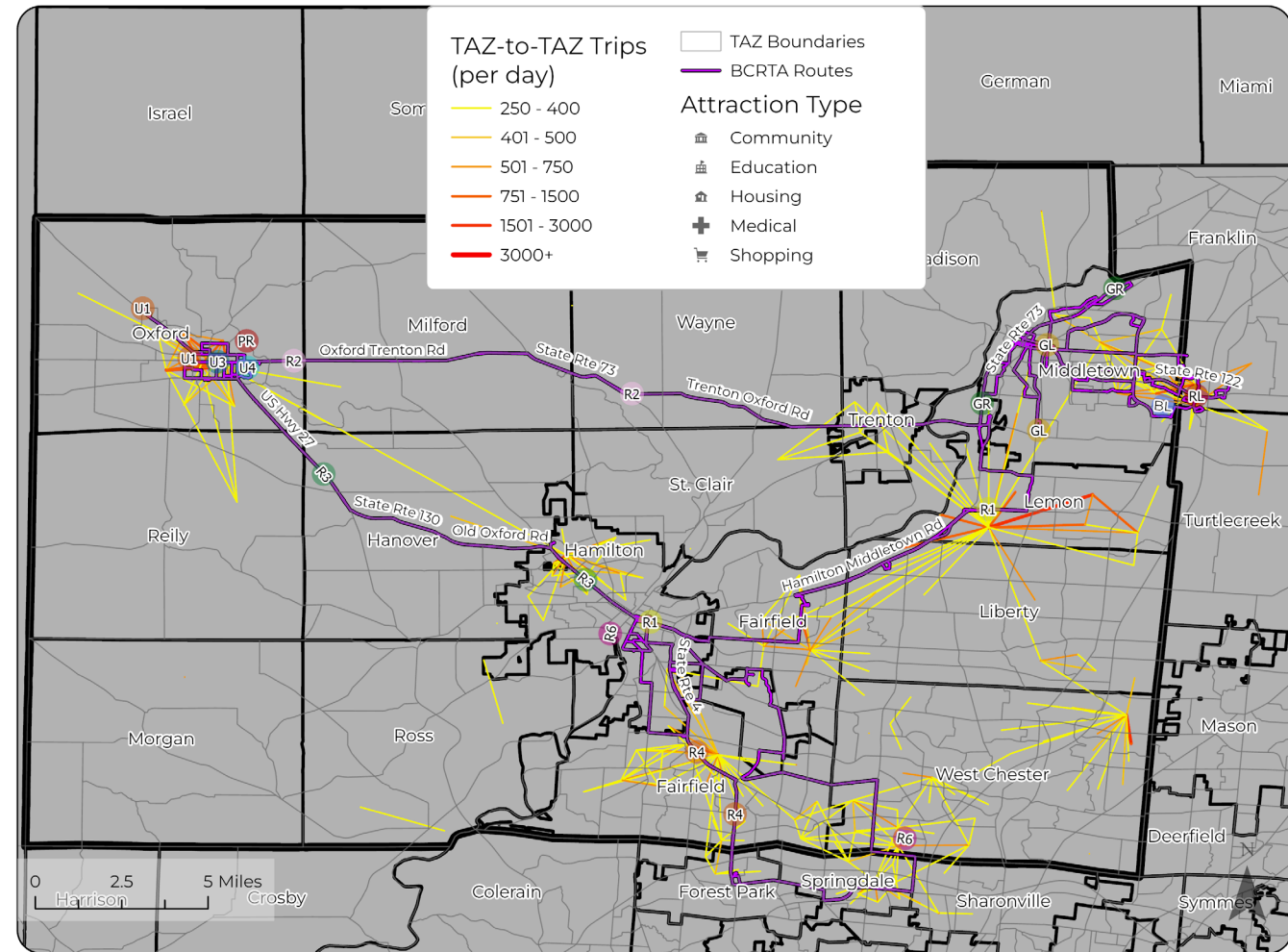
Market Analysis

- Land Use
 - Similarly, certain land-uses tend to generate transit trips at a higher rate than others.
 - Multifamily Housing
 - Shopping/Retail Centers
 - Educational Institutions
 - Medical Facilities
 - Community Centers
 - Libraries
 - Town Hall
 - Recreation Centers
 - Senior Centers



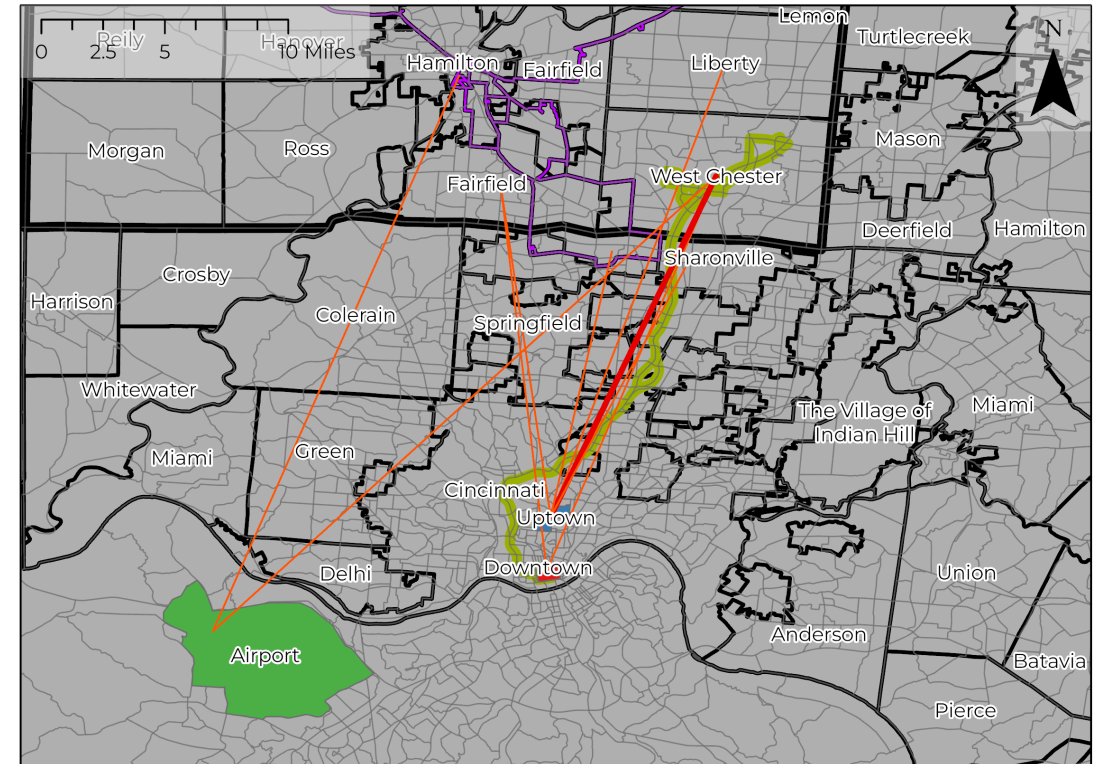
Market Analysis

- Regional Travel Patterns
 - In general, transit users want to access the same destinations in the study area as travelers who use other modes of transportation.
 - To understand the overall market for transit service, it is helpful to identify the most prevalent travel patterns in the study area, regardless of mode.



Market Analysis

- Commuter Service Assessment
 - Commuter services attract riders from a wider area than local fixed-routes because riders congregate at a collection point like a park-and-ride, rather than walking to their nearest bus-stop.
 - Commuter travel flows were aggregated by municipality rather than TAZ on the trip origin side and by special district on the destination side.
 - Downtown (central business district)
 - Uptown (University of Cincinnati and University of Cincinnati Medical Center)
 - Cincinnati / Northern Kentucky International Airport (CVG)



Consolidated TAZ

Red Downtown

Blue Uptown

Green Cincinnati/Northern Kentucky International Airport

Average Daily Travel Flow

Orange 500 - 1000

Red 1001 - 7500

Black outline Butler County

Grey outline Municipal Boundaries

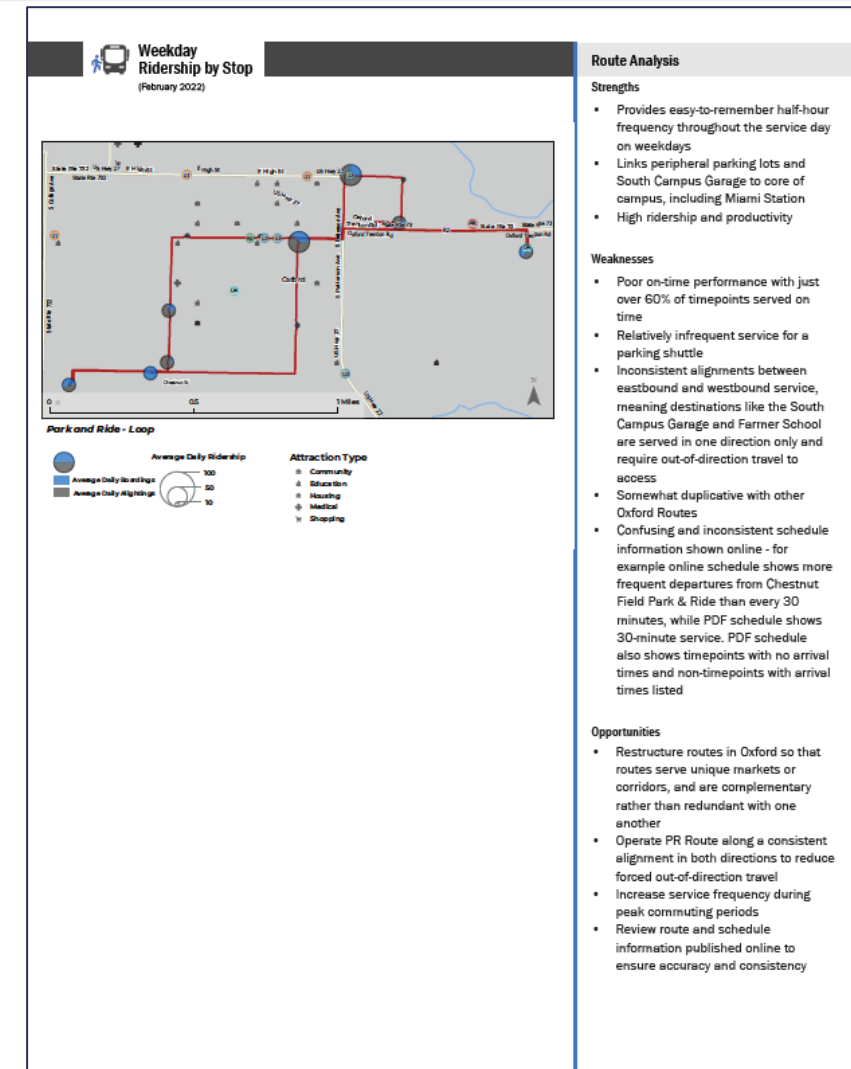
White outline TAZ Boundaries

Purple line BCRTA Routes

Green line Route 42X - West Chester to Cincinnati

Service Analysis

- The design of a transit service can be assessed based on quantitative and qualitative measures.
- These measures are documented in a set of diagnostic route profiles.



Service Analysis

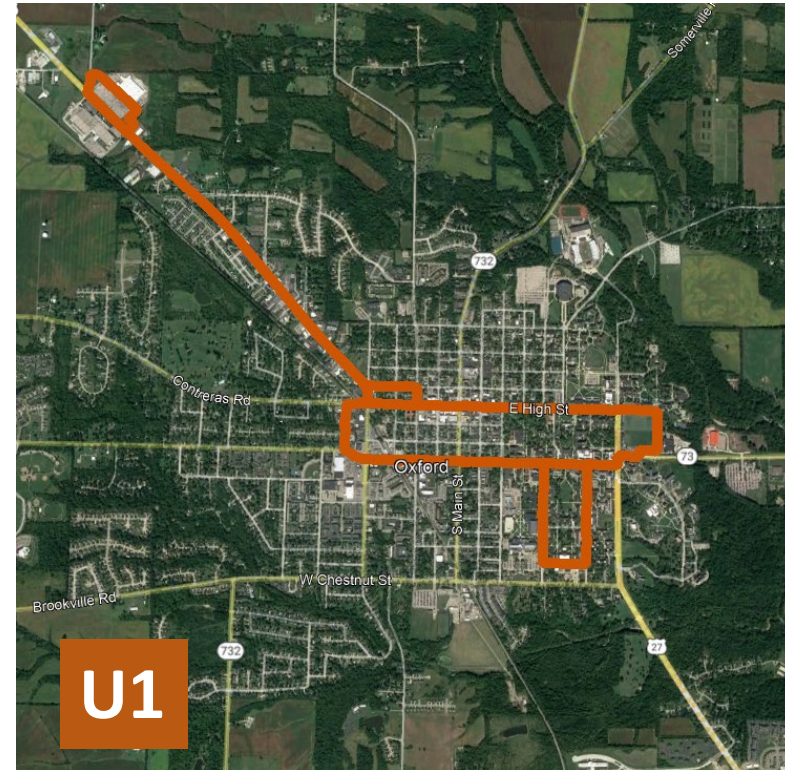
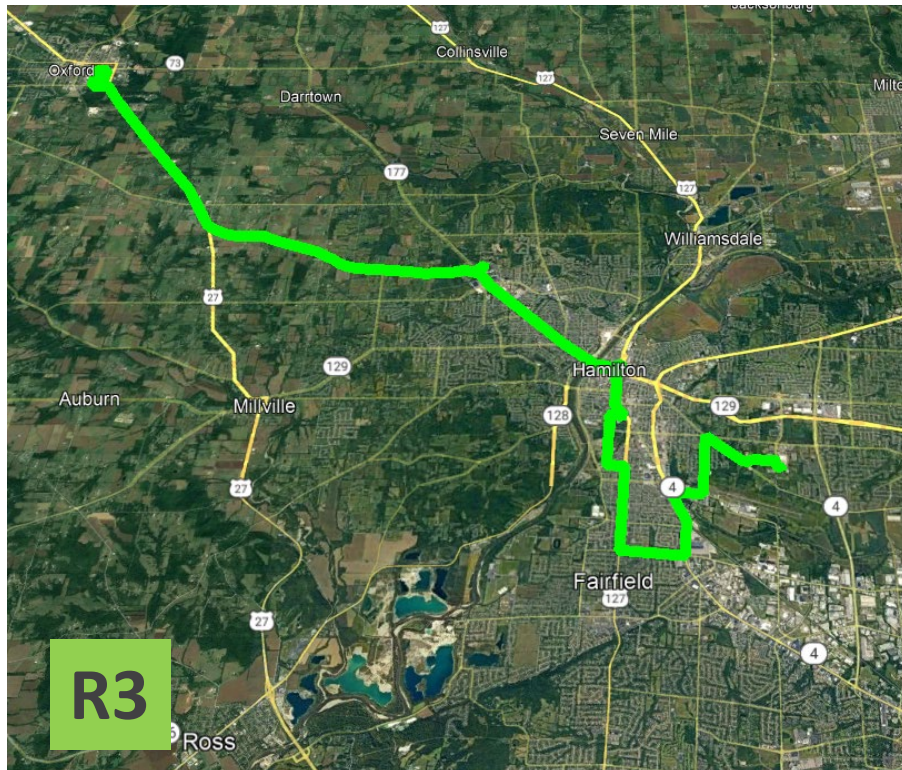
- Route Profiles
 - Quantitative Measures
 - Ridership
 - By stop
 - By trip
 - Maximum Load
 - Productivity
 - Passengers per Hour
 - Passengers per Trip
 - Cost per Passenger
 - On-time Performance
 - Early
 - Late
 - On-Time
 - Qualitative Measures
 - Is service simple?
 - Do schedules have clockface frequencies?
 - Are routes direct rather than circuitous?
 - Are routes symmetrical in the inbound and outbound direction?
 - Do routes serve well defined markets?

- Do schedules have clockface frequencies?

- Do schedules have clockface frequencies?

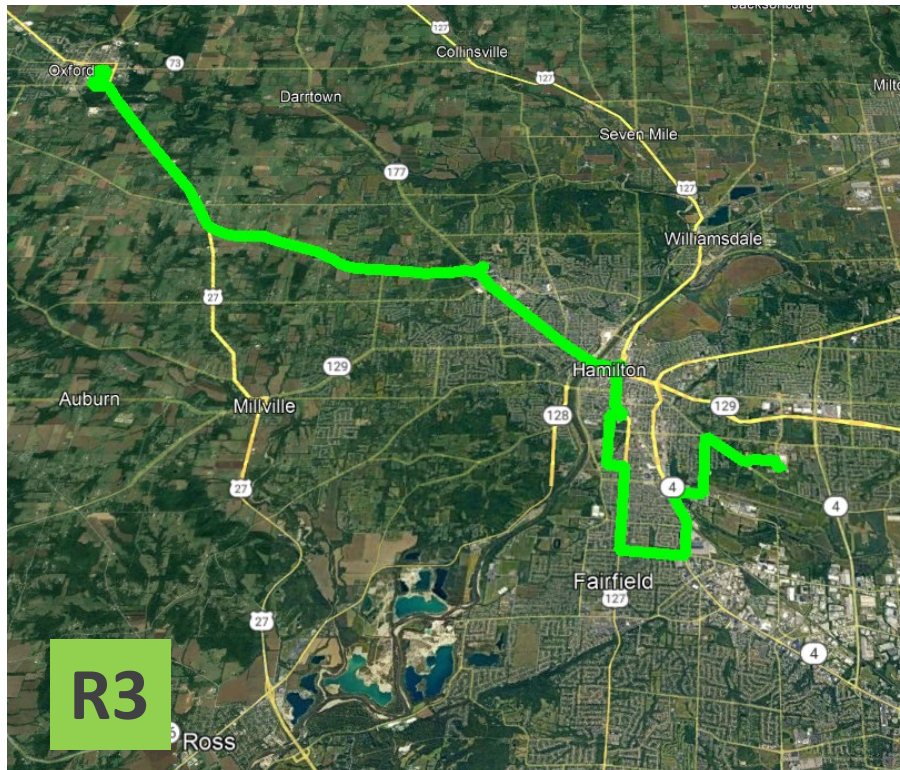
Service Analysis

- Are routes direct rather than circuitous?



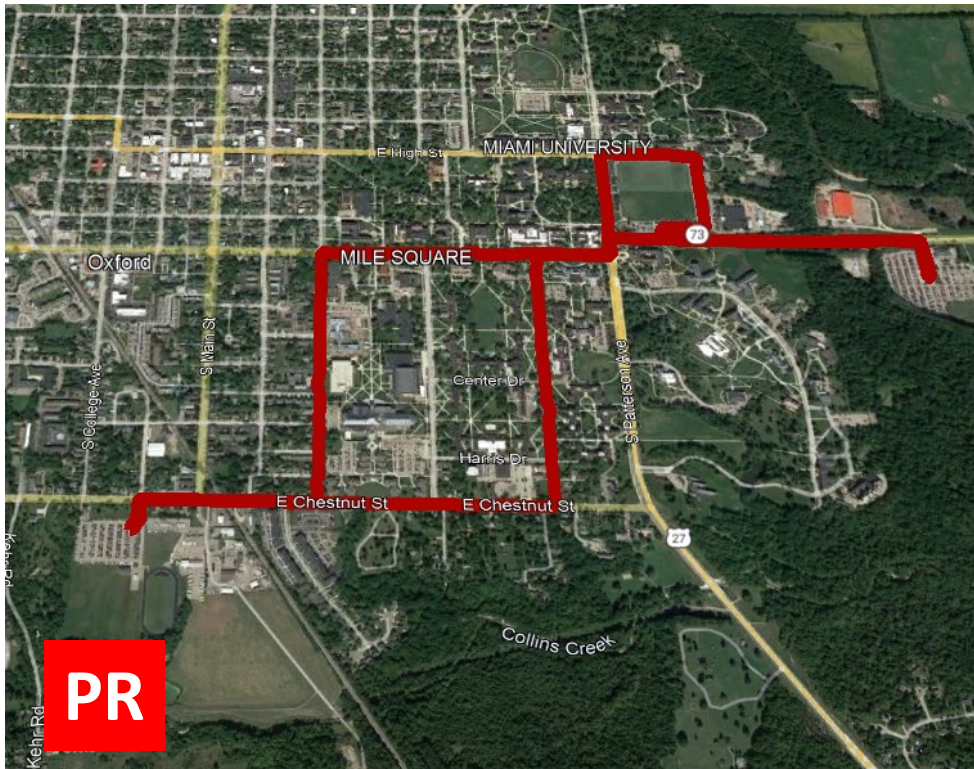
Service Analysis

- Are routes symmetrical in the inbound and outbound direction?



Service Analysis

- Do routes serve well defined markets?



Questions?

Thank you!

METRIC DASHBOARD

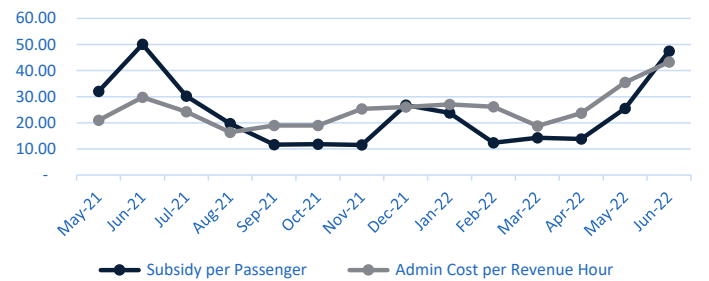
June 2022

Leveraging Competitive Funding & Partnerships

Average Fleet Age

4.75

Since Last Month	0.04	0.84%
Since Last Year	0.99	20.84%



Enhancing Connectivity

BCRTA Transit App Users

1,434

Since Last Month	(1,692)	-117.99%
Since Last Year	1,254	87.45%

BGO App Rides/Total BGO Rides

0.93%

Since Last Month	-14.41%	-1547.66%
Since Last Year	-35.36%	-3798.37%

BCRTA Transit App Downloads

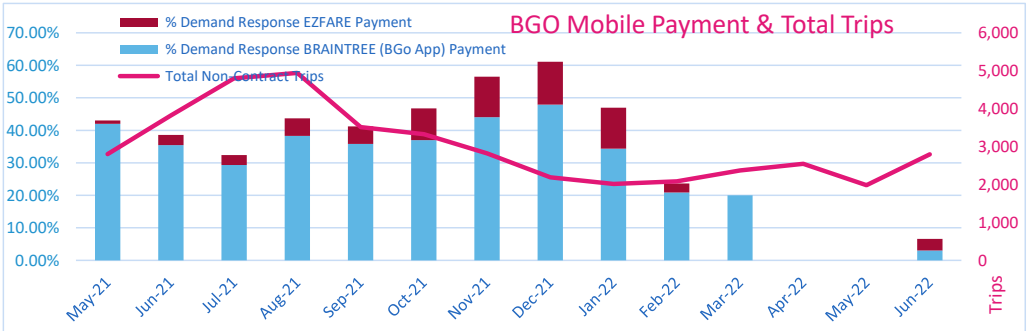
496

Since Last Month	104	20.97%
Since Last Year	173	34.88%

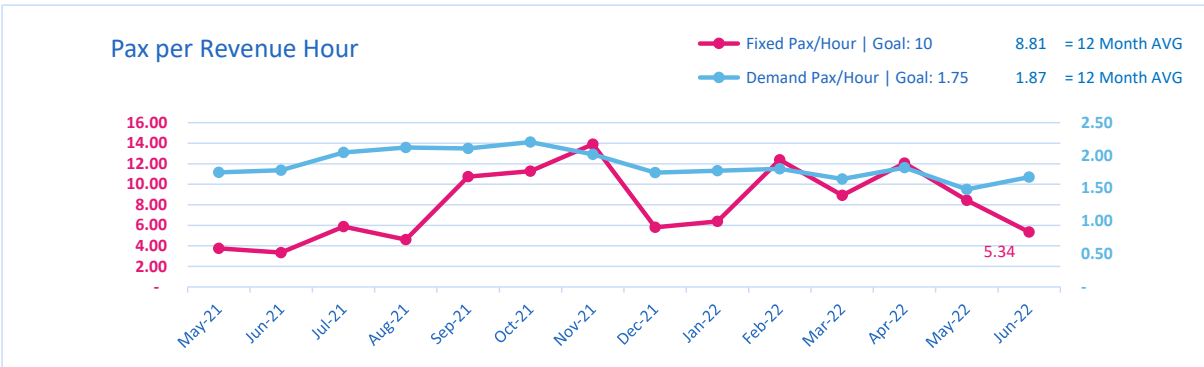
BGO App Downloads

85

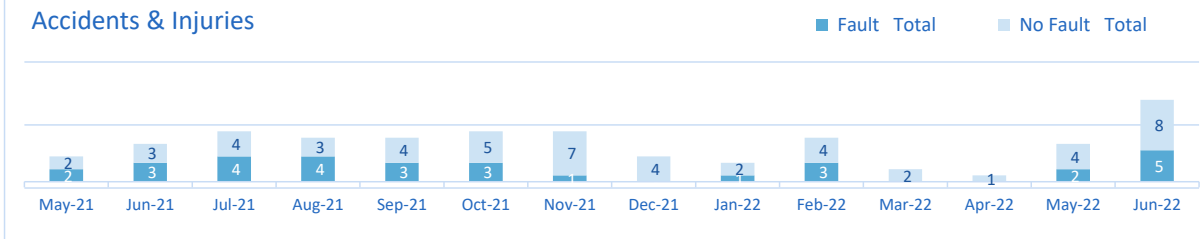
Since Last Month	12	14.12%
Since Last Year	(76)	-89.41%



Improving Mobility & Eliminating Barriers



Accidents & Injuries



Target Operator Staffing

91%

Since Last Month	13.69%
Since Last Year	-3.13%
12 Month Average	77.65%
GOAL	100.00%

Denials & Refusals/Total BGO

2.18%

Since Last Month	0.27%
Since Last Year	0.01%
12 Month Average	46.59%
GOAL	0.00%

Supporting Employers

42X Park & Ride Total Trips

1,386

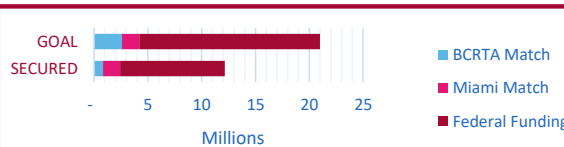
Since Last Month	287	21%
Since Last Year	194	14%

BGO Employment Trips

1,372

Since Last Month	156	11.37%
Since Last Year	98	7.14%

Developing Multimodal Infrastructure



Days Until Chestnut Fields Completed

731

HUNTER
MARKETING

FREE RIDES!!

BUTLER COUNTY RTA

OOH BILLBOARDS

1607

75-YXU

HUNTERMARTETING.US



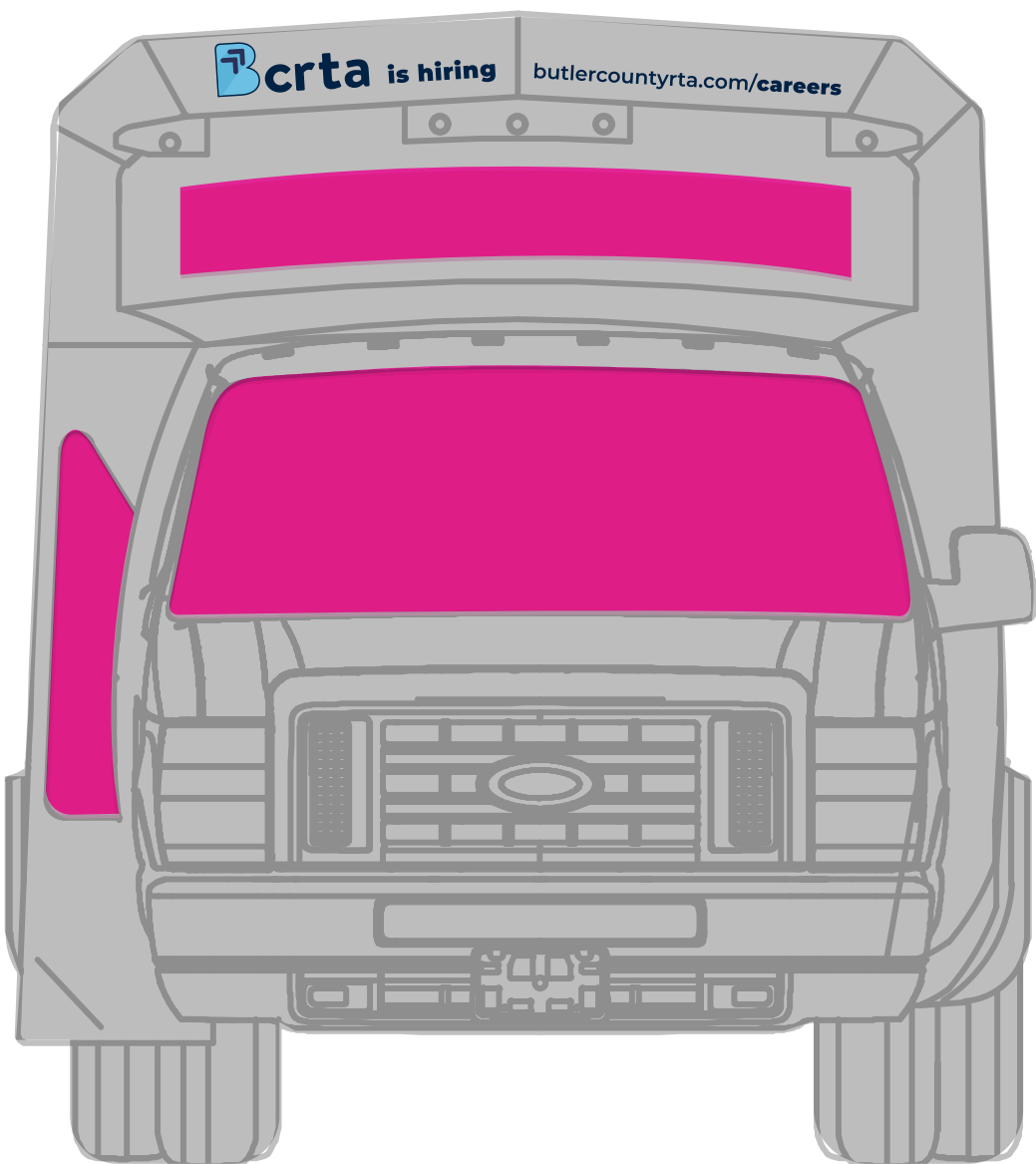
OOH BILLBOARDS | A

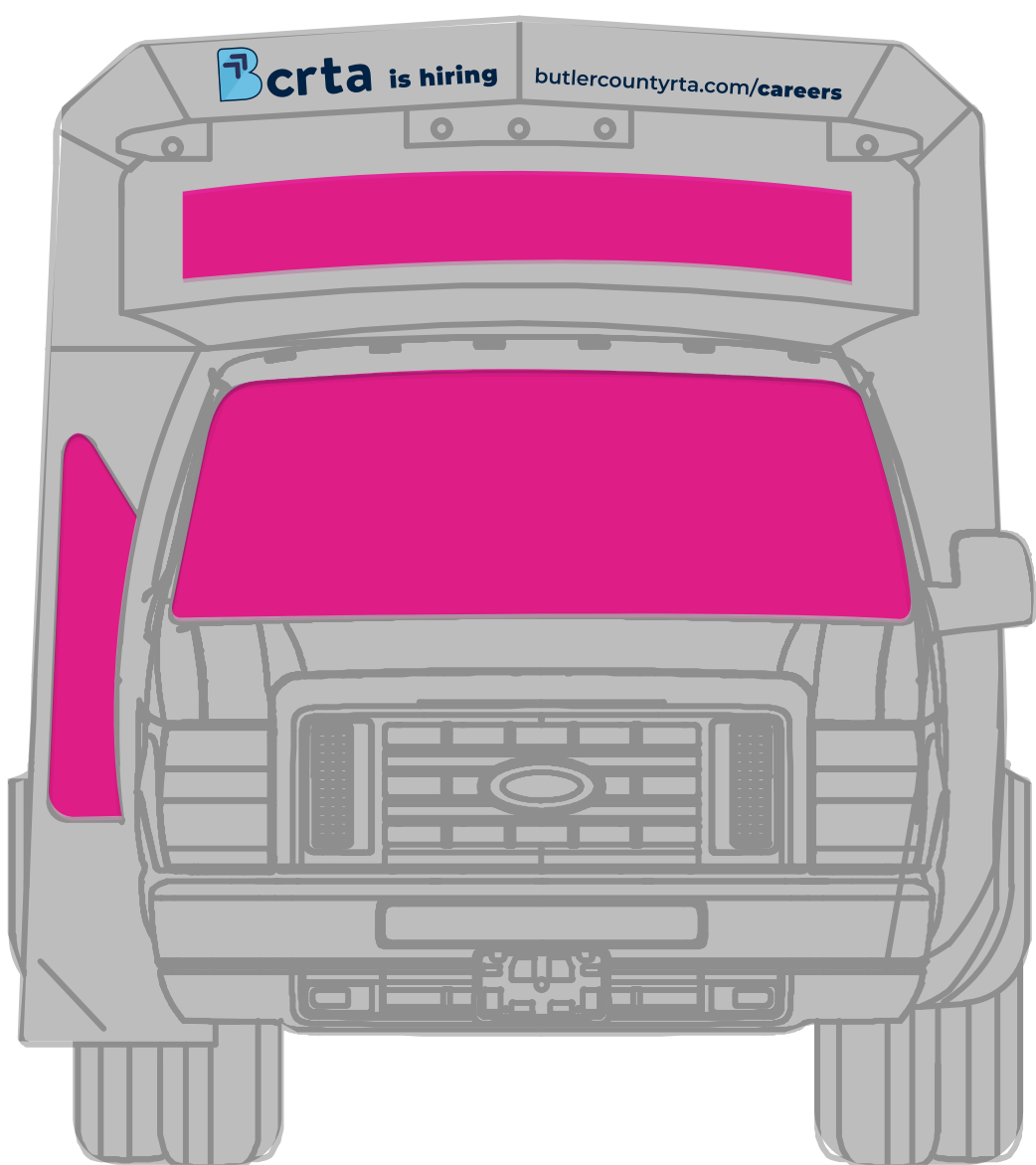


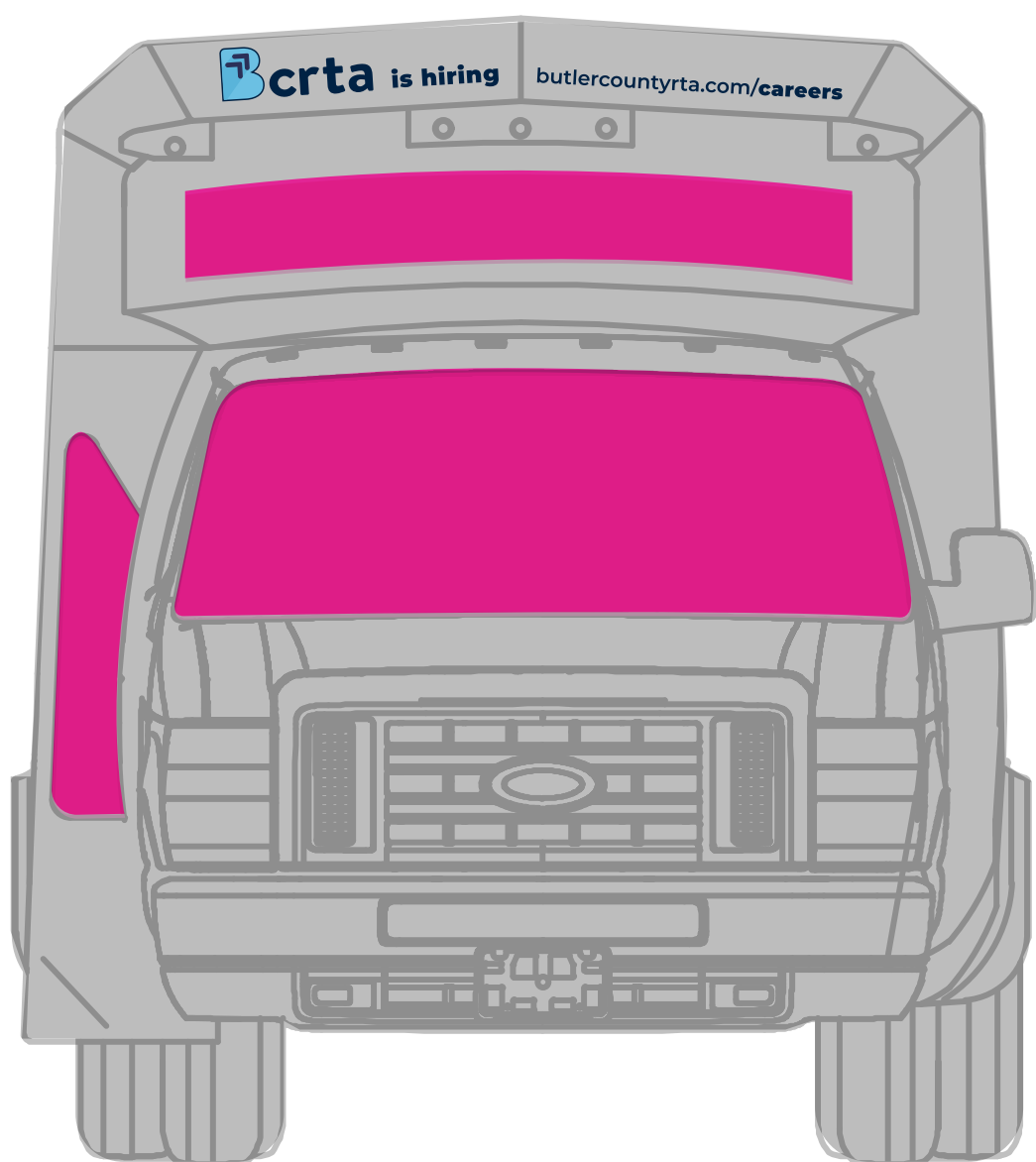


OOH BILLBOARDS | B









Director's Notes – August 2022

A. Staffing & Facility

1. Staffing

Since raising wages in May, the applicant pool has begun to increase. Staffing is not ahead of the curve yet, but initial trends are looking positive. BCRTA Has extended an offer to a Planning Manager who should begin in late August or early September.

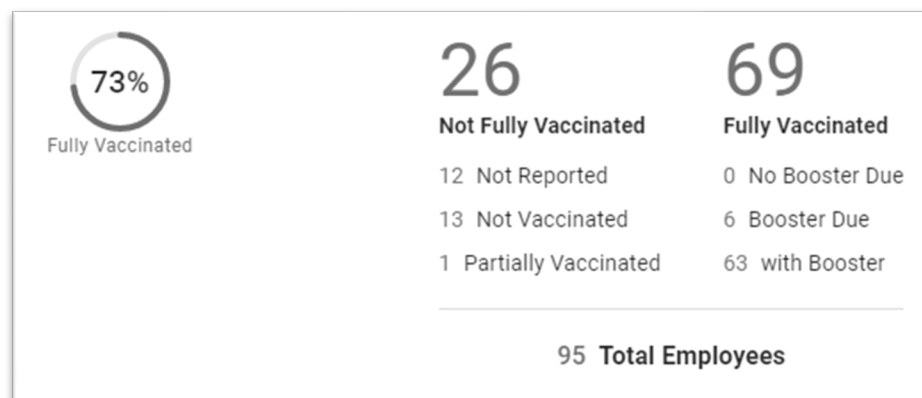
BCRTA is currently seeking to fill the following positions:

Administrative Specialist	Location: Hamilton, OH Department: Administration Type: Full Time
HR Generalist	Location: Hamilton, OH Department: Administration Type: Full Time
Planning & Special Projects Manager	Location: Hamilton, OH Department: Administration Type: Full Time
Mobility Management Specialist	Location: Hamilton, OH Department: Mobility Management Type: Full Time
Bus Driver - Fixed Route	Location: Hamilton, OH Department: Operations Type: Full Time
Bus Driver - No CDL Required	Location: Hamilton, OH Department: Operations Type: Full Time
Dispatcher - Part time	Location: Hamilton, OH Department: Operations Type: Part Time
Operations Street Supervisor	Location: Hamilton, OH Department: Operations Type: Full Time
Vehicle Operator Trainer	Location: Hamilton, OH Department: Operations Type: Full Time
Customer Service Supervisor	Location: Hamilton, OH Department: Operations Support Type: Full Time
TABC Board of Directors	Location: Hamilton, OH Department: Transit Alliance of Butler County Type: Volunteer

A biweekly email digest of open positions is available. Please contact Mary Jane Leveline, BCRTA Talent & Benefits Manager (levelinem@butlercountyrta.com) if you would like to be added to the mailing list.

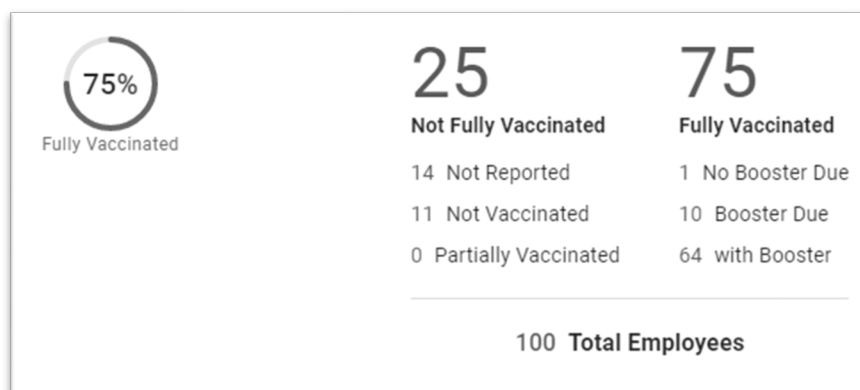
2. Vaccination

June 2022



Director's Notes – August 2022

August 2022



3. Moser Court Parking

With the addition of commuter service in 2023, BCRTA will be adding eight vehicles to the fleet. BCRTA also expects to take delivery of long-awaited small bus purchases in 2023. This combination of expansion and rise in service demand indicates a need for expanded parking. Staff will be issuing a task order as part of the new A&E contract to evaluate current parking, identify alternatives, price options, and design a final alternative for construction.

B. Planning

1. Medicaid Service Provider?

Staff are discussing the potential to eliminate Medicaid funded contract services beginning in 2023. BCRTA provides these services under contract with BCBDD and Ohio Department of Medicaid. Rider numbers have dwindled significantly since inception, revenues are limited by common fare cost, and the overhead and compliance to provide the service and bill revenues is complicated and inefficient. Furthermore, 8 of 12 riders take trips that are eligible for BCRTA's ADA Paratransit service.

Service has decreased 50% since 2018 and the 2022 monthly average is 271 total trips. Further analysis shows that trips are heavily subsidized by BCRTA.

2. Transit Studies

BCRTA's Short Range Planning Study (SRPS) is underway. A project website has been launched at www.bcratatransitplan.com. The website is also accessible from the "Major Projects" menu on the BCRTA homepage. Initial focus groups have met and the consultant is now beginning to look at data and starting to create recommendations for public comment later this fall. Although rider response has been strong, stakeholder, decision-maker, and business response has been poor. Staff are working closely with KH to identify better avenues to obtain input from these constituencies.

3. Chestnut Street Multimodal Station

The Part I concept design report and Part II schematic design reports have been posted to the [BCRTA "Major Projects" webpage](#).

Director's Notes – August 2022

The latest cost estimate is over \$23M which includes the total design fee and bus wash facility. The estimate does include contingency costs. Staff are aggressively pursuing cost savings in design and additional funding as available.

Lease negotiations have ramped up recently, but no agreement has been finalized yet.

Chestnut Fields Multimodal Station & Shared Services Facility Funding Summary as of May 26, 2022			
Total Estimated Project Cost including A&E, Construction, & Contingency			23,894,850
Source	FY	Share	Amount
FTA 5339b	2017	80%	2,668,750
FTA 5339b	2020	80%	2,000,000
CMAQ Awarded via OKI	2022	80%	4,500,000
FTA 5307	2019	80%	200,000
FTA 5307	2021	80%	653,705
FTA 5339	2018	80%	181,012
FTA 5339	2019	80%	166,442
FTA 5339	2020	80%	142,136
FTA 5339	2021	80%	222,985
CMAQ OKI 10% +UP	<i>Pending</i>	80%	450,000
ODOT Lapsing 5307 (Lorain/Parkersburg)	2017	100%	2,726,098
Miami University Local Cash on Hand	-		1,600,000
ODOT Local Match	-		-
BCRTA Required Match	-		1,789,605
BCRTA Local Cash Reserve	-		1,318,823
Unfunded	-		5,275,294
TOTAL PROGRAMMED TO DATE			18,619,556

C. Outreach & Communications

1. BCRTA Trustee Vacancies

Mr. Nick Bauer has completed his process for appointment to the BCRTA Board as recommended in June of 2022. Mr. Bauer's appointment is scheduled for the County Commission meeting on August 15, 2022, and will be effective August 22, 2022.

D. Funding & Discretionary Grant Availability

1. Pricing Increases

For the past several weeks, staff have been receiving unilateral pricing increase demands from many vendors, anywhere from 7% to nearly 70%. Those with the biggest impacts are coming from vehicle contracts, although BCRTA is seeing significant increases in other areas as well. Both the pending small bus delivery and commuter coach purchase are included in these proposed increases. Although BCRTA contracts generally do not allow for this kind of unilateral increase, staff are discussing options

Director's Notes – August 2022

with legal counsel and evaluating alternatives. Ultimately, staff expect future budgets and expenses will be significantly affected by inflation. Staff are working 2023 budgets presently to provide realistic expectations and keep costs in budget.

2. EZConnect (NEORIDE) & Ecolane Contract

At the end of 2022, BCRTA's contract with Ecolane will expire. Ecolane currently provides all demand response and ADA customer management and scheduling. As part of our replacement strategy, staff have been working with NEORide to jointly procure a future-looking mobility solution that can accommodate our current needs as well as consider future demands. Several agencies are part of the project now known as EZConnect. Staff expect this project to develop over time and add features as they become available. More information will be available about the project as the transition approaches. Staff will be providing a detailed presentation during the September Board meeting.

Of note, BCRTA and NEORide are seeing significant price increases for this solicitation over BCRTA's previous experience as well. NEORide's project consultant has confirmed this is consistent with what they have observed for other projects as well. However, NEORide received several grant awards for this project in early August and expects to be able to fund a significant portion or perhaps the entire cost of the product for BCRTA for the next 3 to 5 years.

3. Collision Avoidance Equipment

BCRTA has decided to partner with NEORide and peer agencies to solicit for onboard collision avoidance/mitigation equipment for a small pilot group of coaches. Some of the technology is new to the sector, but other agencies are also pursuing similar solutions. Partnering with NEORide should bring price competitiveness and create a knowledgebase working group within the State for staff support. *Implementation will be subject to grant availability pending any bus cost increases.*

4. 5339b

Due to the shortfall in funding for the Chestnut Fields facility, staff have applied for additional "Bus & Bus Facilities" funds also known as "Section 5339b" funds. The grant applications were due in late May and awards are expected near the end of the federal fiscal year but are not known. BCRTA has been successful with this program on two previous occasions for the same facility. Receiving this money will allow BCRTA to avoid using regular 5307 formula funding and apply those dollars toward operations and future bus replacements. If the money is not received the project may still move forward, but other capital projects may be delayed until additional funding is secured.

Director's Notes – August 2022

E. On the Horizon ...

1. Upcoming Procurements >\$25,000

Item	Procuring Agency	Estimated Spend	Estimated Term	Reason for Purchase
Microtransit/DRT/ADA Software Solution	NEORide	150K – 300K	5	Contract Expiration
<u>Procurement</u> , Maintenance, and Finance Software Integrated Solution – Phase I	BCRTA	42K	2	New
A&E On Call Task Order Moser Court Parking Lot Expansion	BCRTA	125K	Task	New
Collision Avoidance System	MTS	30K – 270K	5	New
Human Resource Information System (HRIS)	BCRTA	162K	5	Contract Expiration
Parking Lot Construction	BCRTA	TBD	Task	New
Tires	BCRTA	TBD	1	New
Chestnut Fields A&E Part IV	BCRTA	TBD	Task	New
Chestnut Fields Construction	BCRTA	21.9M	Task	New
Commuter Services Marketing & Branding Services	MTS	TBD	1	New

Director's Notes – August 2022

Strategic Vision 2025

As Ohio's public transit innovator, BCRTA provides smart mobility options and infrastructure that seamlessly connect people to employers, educational, healthcare, and recreational destinations.

Leverage competitive federal funding and forge mutually beneficial partnerships with organizations, including incubators, chambers, universities, start-ups, economic development bodies, and planning professionals.

- Expand participation in NeoRide as appropriate to address needs and improve grant funding
- Sustain Miami University relationship, plan for future
- ~~Retain BCVSC and BCDD contracts~~
- Leverage MTS transit plan and maintain relationship with City of Middletown
- Improve DBE access
- Keep finger on pulse of autonomous tech
- Examine Cincinnati commuter service for ways to reduce cost (42X)

Enhance connectivity with constituents by leading in the implementation of new transit tech (onboard Wi-Fi tools).

- Test and expand onboard WIFI where possible
- ~~Implement onboard validation for EZfare~~
- ~~Expand BGO app service~~
- ~~Launch new & updated website~~
- Expand use of real-time info signs and kiosks

Improve mobility access and eliminate barriers to ridership, especially for riders who may be elderly or have disabilities.

- ~~Reduce DR fares to \$5.00~~
- Make peak BGO service available
- Hire operators to address demand
- ~~Relocate customer service closer to riders~~
- Pursue payment options for unbanked
- ~~Consider free fixed route fares~~

Support employers with effective workforce transportation in at least 75% of Butler County's densest corridors.

- Evaluate existing R routes for effectiveness and reallocate to improved frequency or BGO as necessary
- Solicit BGO services in employer-dense areas.
- Evaluate options for Spooky Nook connectivity
- Address Butler/Warren connection in Monroe

Develop multimodal infrastructure and wayfinding to create seamless user experiences.

- Accelerate completion/progress for Oxford Multimodal facility
- Improve Hamilton/Warren County connectivity for fixed route and ADA
- ~~Eliminate paper transfers~~
- Address Transit Center convenience and utility (Hamilton, Oxford, Middletown)
- Improve regional connections with commuter service, rail, interurban bus, rideshare, bikeshare, scooters



Levin.

PUBLIC SERVICE. LEADERSHIP. CHANGE.



June 30, 2022

Cleveland State University's School of Urban Affairs has just completed the second wave of interviews on implementing the automated no-touch EZfare transit payment system at public transit authorities in Ohio and Northern Kentucky. The project is funded by a 3-year Federal Transportation Administration IMI grant.

The research looks at determining the effect of EZfare on the quality of life of transit riders, including but not limited to determining the number of trips to work, medical, shopping, worship, etc. We also inquire about travel modes, COVID-19, and about overall life satisfaction. We also consider the effectiveness of contactless EZfare smart cards to prevent the spread of COVID-19, and to minimize customer interaction. We are especially interested in under-banked and low-income transit users.

The project is led by Professor Robert (Roby) Simons working with Assistant Professor Tom Hilde, Mark Henning, and Samuel Owusu-Agyemang. We are supported by a steering committee comprised of NEORide transit partners in developing and vetting surveys and in accessing transit customers. 11 transit agencies based in Ohio and Northern Kentucky are participating: Akron Metropolitan Regional Transit Authority (METRO); Butler County Regional Transit Authority (BCRTA); Laketran; Lancaster-Fairfield Public Transit; Medina County Public Transit (MCPT); Sandusky Transit System; South East Area Transit; Southwest Ohio Regional Transit Authority (SORTA); Stark Area Regional Transit Authority (SARTA); Transit Authority of Northern Kentucky (TANK); and Western Reserve Transit Authority. The data set includes over 1,600 participants, re-surveyed (panel-study) every six months, over two years.

Results

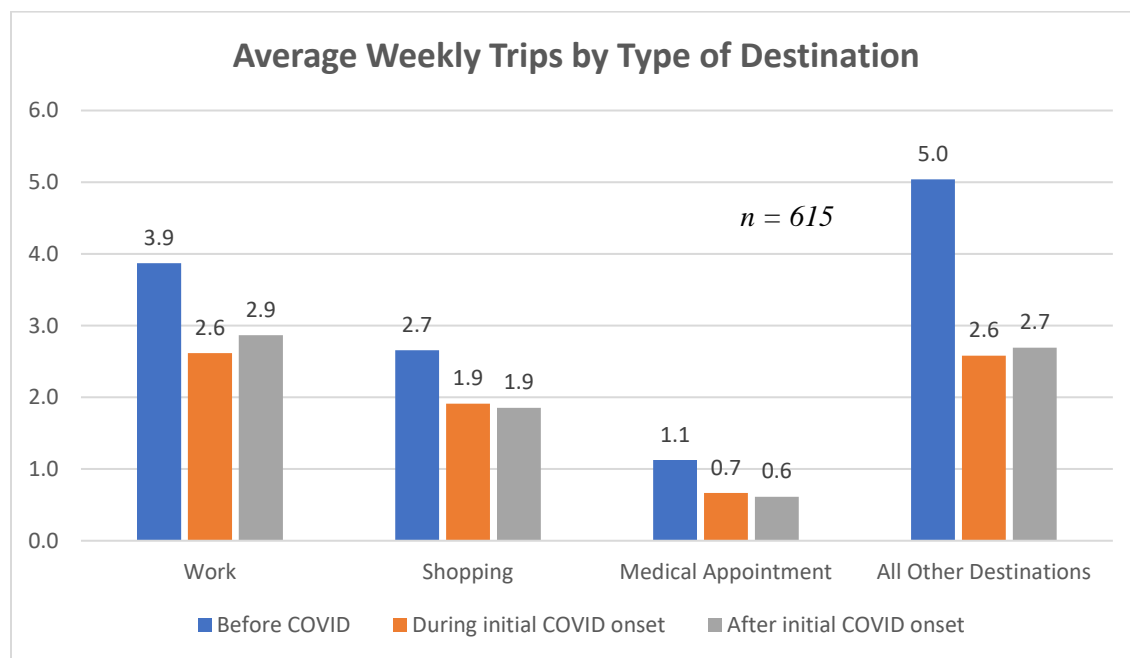
The second survey was the first time that survey participants had been interviewed since the installation of validators on transit vehicles that allow for contactless fare payment with EZfare. These validators have been installed so far on vehicles at the following agencies: TANK, WRTA, MCPT, Akron METRO, SORTA, BCRTA, and Laketran. This report summarizes results for participants from these seven agencies who completed both the first and second surveys.

A total of 615 people completed the second survey between September 2021 and February 2022 out of the 1,306 participants from these agencies who completed the initial first wave survey

between November 2020 and April 2021, a follow-up success rate of 47%. The average participant took 16 minutes to complete the second survey, which was the same amount of time taken to complete the first one.

Ridership Patterns Before, During, and After COVID

Respondents were asked about the number of weekly trips they made to various destinations for both surveys. As part of the first survey, which was administered during the early stages of COVID-19, respondents were also asked how many weekly trips they recalled making to different destination types before the onset of the pandemic. Among the 615 transit riders that participated in both the first and second surveys, there was a noticeable decline in weekly trips to work, to go shopping, and to medical appointments during the initial onset of COVID compared to before. While the average number of weekly trips made by these survey participants to go to work has since recovered slightly, trips to medical appointments and to go shopping have not.



Concern Over Catching COVID-19

Respondent concern over contracting COVID has lessened somewhat since the first survey was administered. When asked during the first round of surveying how concerned they were about contracting COVID, 43% of participants said they were moderately or extremely concerned about catching COVID from other transit passengers. When asked more recently, 38% of this same group of respondents expressed moderate or extreme concern about catching COVID from other transit riders, a decrease of 5 percentage points.

EZfare Adoption

For the 615 riders who completed the second survey, 245 used EZfare to pay for their most recent trip on public transportation, a 9% increase in EZfare use among these participants compared to when they were initially surveyed. The share of riders using cash to pay for transit decreased by 11% for this group between the first and second surveys.

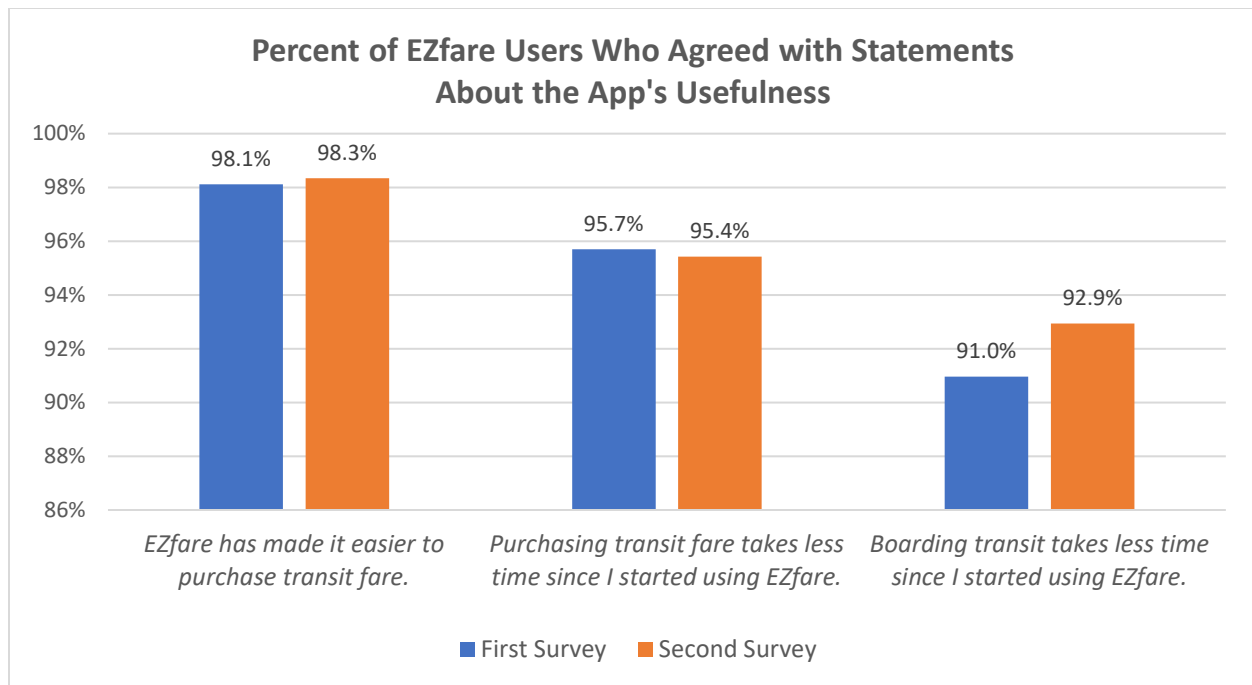
Among non-EZfare riders, 87% were at least familiar with the mobile ticketing platform. For these same riders, 53% said they learned about EZfare from a bus sign, while 24% said they learned about it from a website or social media.

We examined the demographic attributes of the EZfare customers in the survey sample, compared with respondents who were not EZfare users. We found that riders on government assistance and those above 45 years of age are less likely to be EZfare users. During the first survey, respondents with annual household income above \$100,000 were more likely to be EZfare users, while respondents in the lowest income group (under \$10,000) were less likely to be EZfare users.

However, with an increase in overall EZfare adoption during the second survey, EZfare users and non-users are no longer statistically different based on household income alone. Respondents living in public housing, with no driver's license, or no vehicle are more likely to be use EZfare. On the other hand, underbanked riders, those with accessibility issues, and unemployed riders are less likely to be EZfare users. Preliminary analysis of the impact of EZfare on trip patterns has also revealed that, for some user subgroups, EZfare use may be associated with a significantly greater frequency of work trips, but not for other trip destinations.

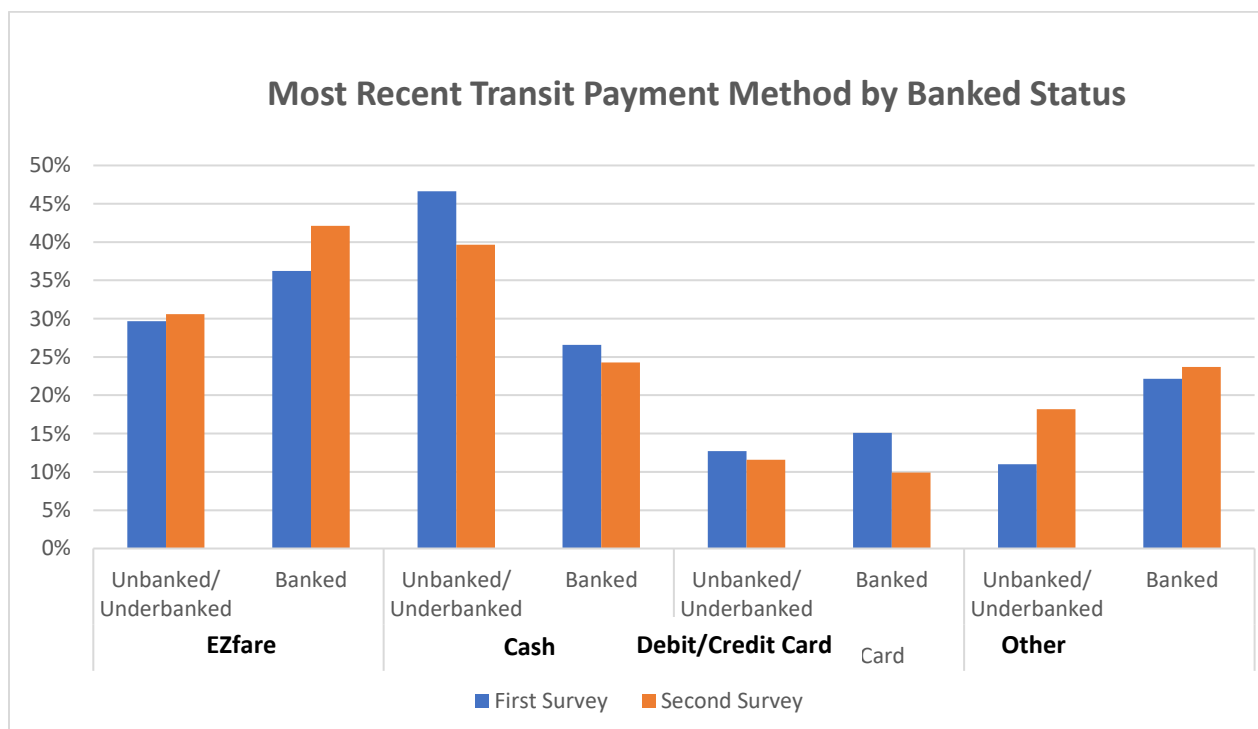
EZfare: Overall Impressions On Ease of Use

Among all EZfare users, impressions of how this payment method can make purchasing and boarding transit faster and easier remained strong. When initially surveyed, 98.1% of these riders believed that purchasing transit fare was easier, 95.7% believed that purchasing transit fare took less time, and 91.0% believed that boarding transit took less time since they started using EZfare. When these same riders were surveyed more recently, 98.3 % said they believed that purchasing transit fare was easier, 95.4% said they believed that purchasing transit fare took less time, and 92.9% said they believed that boarding transit took less time since they started using EZfare.



EZfare Use Among the Unbanked and Underbanked

An important part of this study is looking at how individuals pay for transit who either do not have a bank account (the unbanked), or who may have a bank account but also use alternative financial services such as check cashing services and payday loans (the underbanked). There were 118 participants identifying as either unbanked or underbanked for the first survey, and 121 identifying as such for the second. Among these riders, 30% were EZfare users in the first survey while 31% were EZfare users in the second one, an increase of one percentage point.

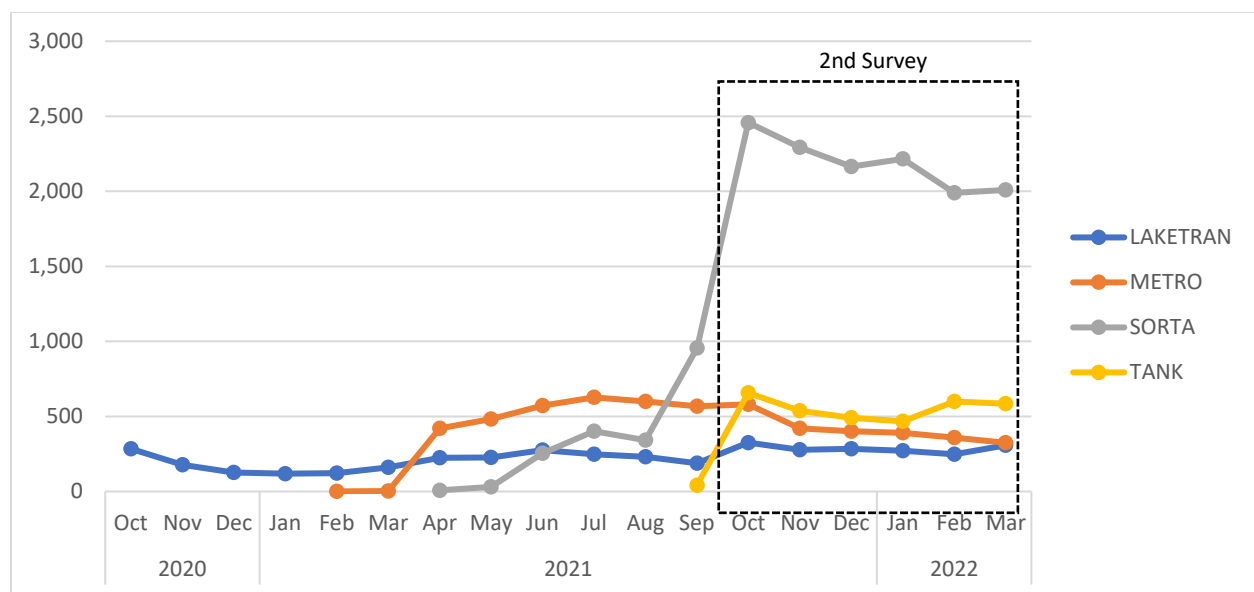


EZfare Validators

The second survey was the first time that survey participants had been interviewed since the installation of validators on transit vehicles that allow for contactless fare payment with EZfare. Of the 245 EZfare users who were surveyed, 82% had used an EZfare validator to scan a mobile ticket while boarding a bus. Among those riders who both participated in the survey and have used an EZfare validator, 77% said that boarding is easier when using this form of contactless validation while 86% were either moderately or extremely satisfied with using a validator to scan their ticket when boarding.

Trend of EZfare Validator Scans

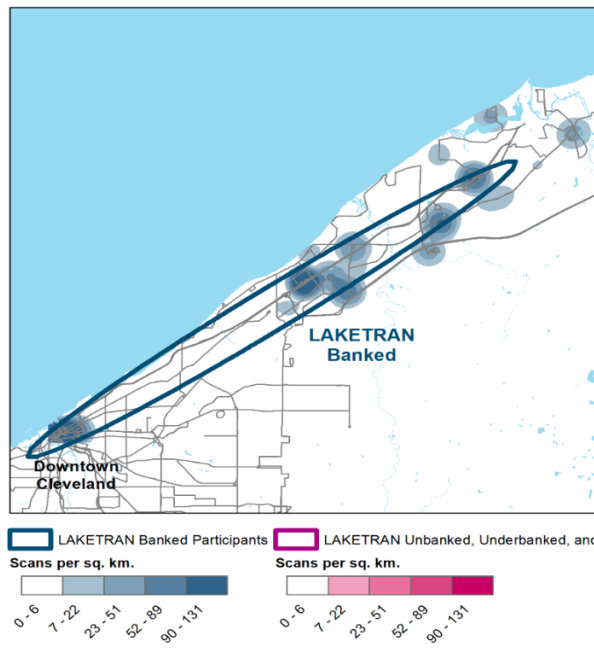
From October 2021 to March 31 2022, a total of 20,841 EZfare validator scans were recorded among 257 survey respondents. SORTA accounted for 53% (136) of all EZfare users and 63% of scans during that period. TANK, Akron METRO, and Laketrans had 79, 46 and 38 EZfare users, respectively. BCRTA and PARTA had 1 and 3 users, respectively, with a total of 174 trips over the five-month period. Although the total volume of EZfare use varied across the four biggest agencies, the trend of monthly use was similar.



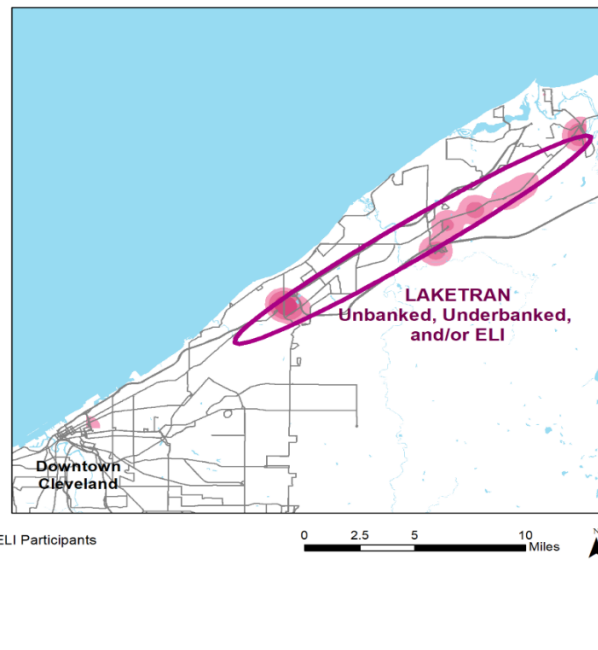
METRO EZfare Validator Scans: Spatial Distribution and Cluster Locations

We also have the ability to map the spatial distribution of the location of EZfare validator scans by various demographic groups in the survey sample. Several illustrative maps are provided below for there study areas: Lake County, Metro Akron, And Cincinnati (including SORTA and TANK). These “travel space” maps reflect the aggregated distance traveled among the group of interest.

LAKETRAN Banked EZfare Participants



LAKETRAN Unbanked, Underbanked, and/or ELI EZfare Participants

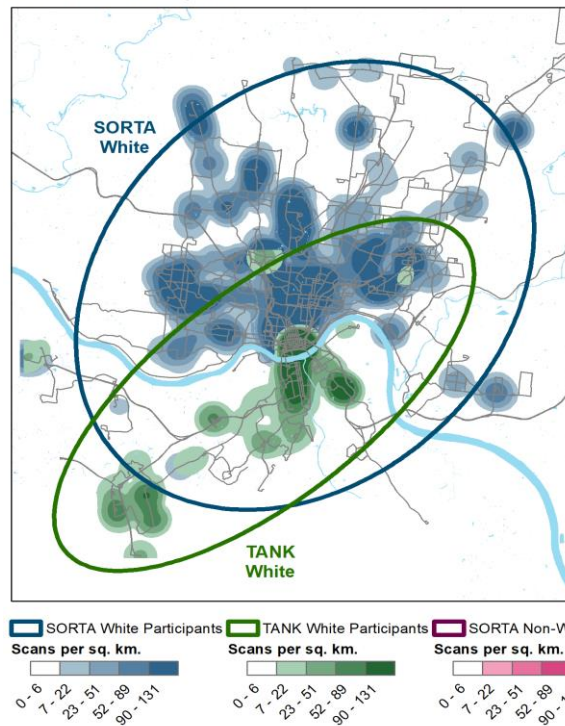


For example, we found that Laketrans riders who are unbanked, underbanked or extremely-low income transit riders have a shorter travel space compared to banked riders. The banked riders commute to downtown Cleveland, and likely utilize Park-N-Ride facilities in Lake County.

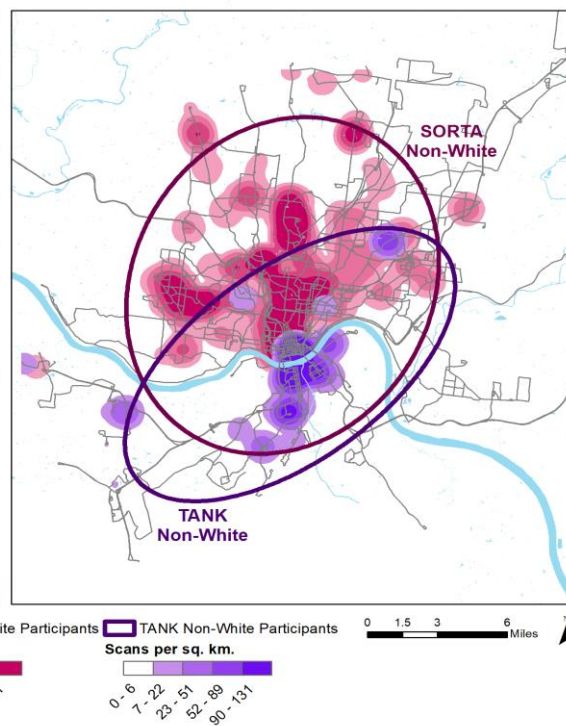
SORTA and TANK (Cincinnati)

The density plots of EZfare validator scans in Metropolitan Cincinnati, serviced by SORTA and TANK are shown below.

White EZfare Participants



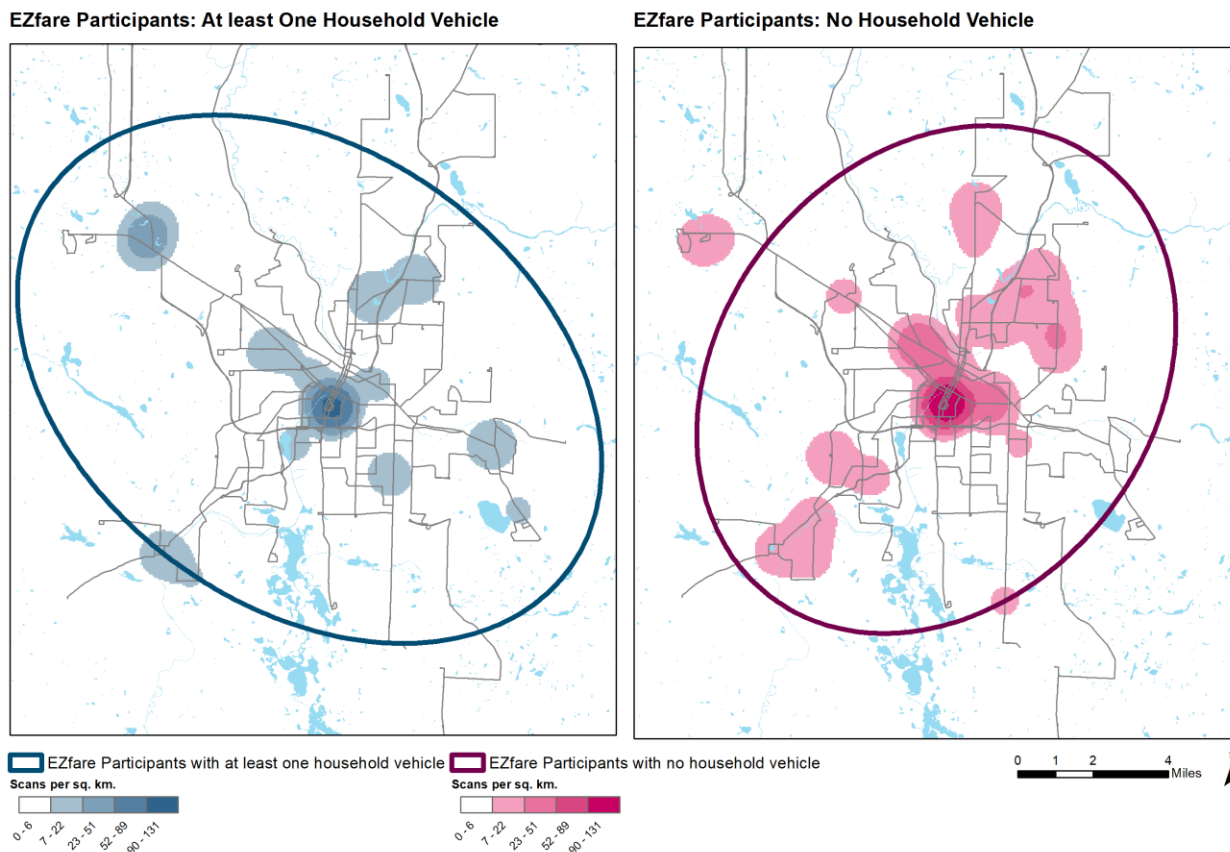
Non-White EZfare Participants



They compare the spatial distribution of white (left) and non-white (right) EZfare participant scans. The overall activity spaces of the non-white participant groups are notably smaller. This likely reflects shorter trip distances, more centrally located residences and workplaces, and/or smaller individual activity spaces for the non-white group.

METRO (Akron)

In Akron, serviced by Metro, differences in the activity spaces of household vehicle owners (left) and those without access to vehicles (right) are displayed.



The map above shows that while the space is slightly larger for those with access to cars, the North-South axis is different, and those without cars have a more concentrated activity pattern.

The third survey phase began in May 2022 and is likely to finish in September 2022.

Questions? Dr. Simons can be reached at r.simons@csuohio.edu.

This research is funded through a Federal Transit Administration Integrated Mobility Innovation research grant