2023 TITLE VI PROGRAM UPDATE



Information Submitted by:

Sharon Jenkins Marketing & Communication

Maribeth Feke Programming & Planning Felicia Brooks-Williams
Office of Equal Opportunity, ADA & DEI

Joel Freilich Service Management



Chapter 1 INTRODUCTION	4
What Is Title VI?	5
Who Is Responsible for Ensuring Title VI Is Implemented?	5
Chapter 2 THE GENERAL REQUIREMENTS	7
Notice to the Public	8
Title VI Complaint Procedures	8
The Complaint Form	11
Chapter 3 TRANSIT-RELATED INVESTIGATIONS, COMPLAINTS AND LAWSUITS	14
Language Assistance Plan	16
Four Factor Analysis	17
Public Participation Plan	32
Summary of Outreach Activities since last Title VI submission	35
Monitoring Sub-Recipient	35
Non-Elected Committee Membership	36
Board Meeting Policy Decision Documentation	36
Chapter 4 ASSESSMENT AND MONITORING	37
Demographic and Service Profile Maps and Charts	37
Requirement to Set Service Standards and Policies	37
Other Areas of Title VI Considerations	39
Meaningful Access to LEP Persons	39
Chapter 5 MONITORING PROCEDURES FOR TRANSIT PROVIDERS	40
Requirement for Transit Providers	40
Level of Service Methodology	40
Vehicle Assignment	42
Vehicle Headway	43
On-Time Performance	43
Distribution of Transit Amenities	44
Service Availability	44
Service Quality Supervisory Work Zones	44
Attached Transit and Service Maps	45
Chapter 6 ATTACHMENTS	58
Attachment A: Notice to the Public in English and Spanish – Title VI Signage	59
Attachment B: NEXT GEN RTA System Redesign Public Participation Summary and Schedule	60
Attachment C: The Title VI Board Presentation	66
Attachment D: GCRTA Board Resolution 2023-XXXX	87
Attachment E: Staff Summary & Comments	88
Attachment F: Board Meeting Minutes	89

Attachment G: GCRTA Services Code (December 2018)	96
Attachment H: 2022 Service Management Plan	111
Attachment I: GCRTA Tracts ACS 2020	118
Attachment J: GCRTA Vehicle Assignment by Route 2021	123
Attachment K: GCRTA Vehicle Headway by Route 2021	124
Attachment L: GCRTA On-Time Performance 2021	125
Attachment M: GCRTA Title VI Analysis 4.12.2020	127

Chapter 1 INTRODUCTION

The U.S. Department of Transportation, Federal Transit Administration has implemented guidelines governing applicants, recipients and subrecipients of federal assistance regarding Title VI of the Civil Rights Act of 1964. Specifically, these requirements dictate that the Greater Cleveland Regional Transit Authority (hereinafter the Authority or GCRTA) must ensure that no person, on the ground of race, color, or national origin, be excluded from participation in, be denied benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance.

GCRTA is committed to providing equality of opportunity for employees, vendors, and customers and to complying with all appropriate Federal and State laws, rules and regulations pertaining to the treatment of minorities, women, disabled persons, and Vietnam-era veterans in all facets of the Authority's activities. GCRTA is equally committed to:

- Ensuring any federally funded transit-related benefits and services are made available and are equitably distributed without regard to race, color, or national origin.
- Ensuring that the level and quality of transit services provide equal access and mobility for any person without regard to race, color, or national origin.
- Ensuring that opportunities to participate in the transit planning and decision-making processes are provided to persons without regard to race, color, or national origin.
- Ensuring that decisions on the location of transit services and facilities are made without regard to race, color, or national origin; and
- Ensuring that corrective and remedial action is taken to prevent discriminatory treatment of any beneficiary based on race, color, or national origin.

The U.S. Department of Transportation, Federal Transit Administration, Region V, approved the Authority's 2020 Title VI Program Update. The approval expires on February 17, 2023. This Program Update conforms to the requirements set forth in Circular 4702.1B, dated October 1, 2012.

What Is Title VI?

Title VI is a provision that resulted from the Civil Rights Act of 1964.

"No person shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal assistance."

-Civil Rights Act of 1964

The purpose of Title VI is to remove barriers and conditions that prevent minority, low-income, and persons with limited English proficiency (LEP) from access to public goods and services. In result, Title VI promotes fairness and equity in federally assisted programs and activities.

What Does This Mean For GCRTA?

GCRTA, as a recipient of federal financial assistance through the Federal Transit Administration (FTA) is required to prepare a Title VI program update every three years.

GCRTA is subjected to rules and regulations provided through FTA Circular 4702.1B. "Title VI Requirements and Guidelines for Federal Transit Administration Recipients effective October 1, 2012, Circular". This report is provided as documentation of compliance with Title VI of Civil Rights Act of 1964 in accordance with FTA grant recipient requirements. The update is to include policies, practices, and analysis that will illustrate how GCRTA ensures compliance with Title VI.

GCRTA will ensure full compliance with Title VI of the Civil Rights Act of 1964, as amended, and related statutes and regulations in all GCRTA programs and activities. Regarding Title VI, GCRTA is equally committed to ensure that:

- The benefits of its bus and rail services are shared equitably throughout the service area.
- The level and quality of bus and rail services are sufficient to provide equal access to all riders in its service area.
- No one is precluded from participating in GCRTA's service planning and development process.
- Decisions regarding service changes or facility locations are made without regard to race, color or national origin and that development and urban renewal benefitting a community.
- A program is in place for correcting any discrimination, whether intentional or unintentional.

Who Is Responsible for Ensuring Title VI Is Implemented?

The Board of Trustees, General Manager, Chief Civil Rights Officer, management, and all employees share the responsibility for carrying out GCRTA's commitment to Title VI.

The Sr. Manager of OEO, ADA & DEI of the Office of Equal Opportunity, ADA & DEI is responsible for the day-to-day operation of the program as it relates to complaints and coordinating efforts. The Sr. Manager of OEO, ADA & DEI works with a Title VI team to ensure equal protection of the law as it relates to services and programs provided by GCRTA.

The Team consists of the following:

- Felicia Brooks-Williams, Office of Equal Opportunity, ADA & DEI
- Joel Freilich, Director of Service Management
- Sharon Jenkins, Director of Marketing & Communications
- Maribeth Feke, Director of Programming & Planning

To ensure that the Authority continues to comply with all the requirements set forth in Circular 4702.1B, effective date October 12, 2012, the Sr. Manager of OEO, ADA & DEI of the OEO will report quarterly to the Civil Rights (CR) Committee. The CR Committee serves as an opportunity to update the GM and Executive Team of all the civil rights functions. The Sr. Manager provides an update on Title VI, Title VII, ADA, and DEI. In addition, the GM receives updates on Disadvantaged Business Enterprise (DBE), Human Resources (HR) Recruitment and Training efforts, ADA, and legal matters. The agenda includes formal and informal personnel practices to ensure equal treatment; making recommendations to the GM for modifications of GCRTA's policies and practices to enhance affirmative action and equal opportunity efforts; reviewing quarterly department/division reports on goals and timetables and recommending approval; and reporting on Title VI Updates.

GCRTA Board of Directors must also approve the Authority's Title VI program prior to its submittal to FTA.

Chapter 2 THE GENERAL REQUIREMENTS

FTA requires that a Title VI document be submitted in accordance with the Federal Transit Administration (FTA) as part of their Title VI Program.

The General Requirements section of this update contains Title VI Program components required in Chapter III, of FTA Circular 4702.1B. This section includes the following information:

- 1. Title VI Public Notice
- 2. Title VI Complaint Procedures
- 3. Title VI Complaint Form
- 4. List of Title VI Investigations, Complaints and Lawsuits
- 5. Language Assistance Plan
- 6. Public Participation Plan
- 7. Minorities Participation in Public Committees and Councils
- 8. Title VI Compliance for Subrecipients
- 9. Title VI Equity and Fare Analysis
- 10. Board Meeting Minutes and Resolutions

Notice to the Public

In accordance with Title VI, GCRTA displays a public notice to inform customers of their rights under Title VI. The notice is posted on GCRTA's website, RideRTA.com. The notice is also displayed in all GCRTA's transit vehicles (buses and rail cars), and transit facilities such as the main office customer service area, and transit stations.

See Attachment A for the Title VI signage in both English and Spanish.

Title VI Complaint Procedures

This section outlines the Title VI complaint procedures related to providing programs, services, and benefits. However, it does not deny the complainant the right to file formal complaints with the Ohio Civil Rights Commission, Equal Employment Opportunity Commission, and Federal Transit Administration, or seek private counsel for complaints alleging discrimination, intimidation or retaliation of any kind that is prohibited by law.

Title VI of the Civil Rights Act of 1964 prohibits discrimination based on race, color, or national origin in programs receiving federal financial assistance.

General

Any person who believes that he or she, individually, or as a member of any specific class of persons, has been subjected to discrimination based on race, color, or national origin as noted below may file a written complaint with the Greater Cleveland Regional Transit Authority's Office of Equal Opportunity, 1240 W. 6th Street, 6th Floor, Cleveland, Ohio 44113. Complainants have the right to complain directly to the appropriate federal agency. Every effort will be made to obtain early resolution of complaints. The option of informal meeting(s) between the affected parties and the Sr. Manager of OEO, ADA & DEI of OEO, ADA & DEI or Specialist may be utilized for resolutions. The Sr. Manager of OEO, ADA & DEI will notify the Chief Civil Rights Officer of all the Title VI complaints and resolutions.

Procedure

- 1. The complaint must meet the following requirements:
 - a. Complaint shall be in writing and signed by the complainant(s). In cases where Complainant is unable or incapable of providing a written statement, a verbal complaint may be made. The Sr. Manager of OEO, ADA & DEI or OEO Designee will interview the Complainant and assist the person in converting verbal complaints in writing. All complaints must, however, be signed by the Complainant or his/her representative.
 - b. Include the date of the alleged act of discrimination, the date when the Complainant became aware of the alleged act of discrimination; or the date on which that conduct was discontinued or the latest instance of conduct.
- c. Present a detailed description of the issues, including names and job titles of those individuals perceived as parties in the complaint.
- d. Federal and state law requires complaints be filed within 180 calendar days of the alleged incident.
- 2. Upon receipt of the complaint, the Sr. Manager of OEO, ADA & DEI of OEO will determine its jurisdiction, acceptability and need for additional information, as well investigate the merit of the complaint.
- 3. The Complainant will be provided with a written acknowledgement that GCRTA has either accepted or rejected the complaint.
- 4. A complaint must meet the following criteria for acceptance:

- a. The Complaint must be filed within 180 days of the alleged occurrence.
- b. The allegation must involve a covered basis such as race, color or national origin, age, gender, or disabled.
- c. The allegation must involve a GCRTA service of a Federal-aid recipient, sub-recipient, or contactor.
- 5. A complaint may be dismissed for the following reasons:
- a. The Complainant requests the withdrawal of the complaint.
- b. The Complainant fails to respond to repeated requests for additional information needed to process the complaint.
- c. The Complainant cannot be located after reasonable attempts.
- 6. Once GCRTA's Office of Equal Opportunity decides to accept the complaint for investigation, the Complainant will be notified in writing of such determination. The complaint will receive a case number and will then be logged in a database identifying Complainant's name, basis, alleged harm, race, color, and national origin.
- 7. In cases where GCRTA's Office of Equal Opportunity assumes the investigation of the complaint, within 90 calendar days of the acceptance of the complaint, the Sr. Manager of OEO, ADA & DEI of OEO will prepare an investigative report for the file. The report shall include a narrative description of the incident, identification of persons interviewed, findings and recommendations for disposition.
- 8. The Sr. Manager of OEO, ADA & DEI of OEO will decide on the disposition of the complaint. Dispositions will be stated as follows:
- a. In the event GCRTA is in noncompliance with Title VI regulations or there is enough evidence to substantiate the allegation, a stakeholders' meeting is conducted. A stakeholders meeting includes all the managers and executives that may be involved in a discussion of resolution or disciplinary action.
- 9. Notice of the Sr. Manager of OEO, ADA & DEI of OEO determination will be mailed to the Complainant. Notice shall include information regarding appeal rights of Complainant and instructions for initiating such appeal. Notice of appeals are as follows:
- a. GCRTA will reconsider this determination if new facts come to light.
- b. If Complainant is dissatisfied with the determination and/or resolution set forth by GCRTA, the same complaint may be submitted to the FTA for investigation. Complainant will be advised to contact the Federal Transit Administration, Office of Civil Rights, 1760 Market Street, Suite 500, Philadelphia, PA 19103, Telephone 215-656-7100.
- 10. A copy of the complaint and GCRTA's investigation report/letter of finding and Final Remedial Action Plan, if appropriate, will be issued to FTA within 120 days of the receipt of the complaint.
- 11. A summary of the complaint and its resolution will be included as part of the Title VI updates to the FTA.

Recordkeeping Requirement

The Senior Manager of the Office of Equal Opportunity will ensure that all records relating to GCRTA's Title VI Complaint Process are maintained with department records.

Records will be available for compliance review audits.

The Complaint Form



Section I:

Greater Cleveland Regional Transit Authority Civil Rights Complaint Form

GCRTA is committed to ensuring that no person is excluded from participation in or denied the benefits of its services based on race, color or nation origin, disability, age, religion, gender, and veteran status. All complaints must be filed within 180 days from the date of the alleged discrimination.

The following information is necessary to assist us in processing your complaint. If you require assistance in completing this form, please contact the Office of Equal Opportunity by calling (216) 356-3085. The completed form must be returned to: GCRTA Office of Equal Opportunity, ADA & DEI: Sr. Manager of Office of Equal Opportunity, 1240 West Sixth Street, Cleveland, OH 44113-1331.

	ay's Date: our Name:		
Н	ome Address:		
Ci	ity, State & Zip Code:		
Te	elephone No.:		Email Address:
Acce	essible Format Requirer	ments? □ Large Print □	 Audio Tape □ Braille □ TDD □ Other
Sec	tion II:		
	prohibits discrimination y to the discrimination y		shown below. Check those categories, which you feel
	Age	Age 40 or over Color of skin, including s	shade of skin within group
	Disability	Physical or mental disab	• .
	Sex National Origin		ne or feminine, gender identity and pregnancy also include person's language, accent, or race
	Race	•	n race or because of GCRTA in characteristics
	Religion	Religious/Spiritual belief	s
	Retaliation	Retaliation for filing a d discriminatory practices	liscrimination complaint or for opposing illegal
	Sexual Harassment.		lcome sexual advances, requests for sexual favors and harassment of a sexual nature
	Sexual Orientation		e in or identified with heterosexuality, homosexuality,
	Veteran Status	Service in the Armed Fo	rces

Section III:

Name of the person(s) responsible for the harm you feel you suffered:	Job Title(s) and/or ID Number:
Location(s) of the occurrence(s):	Route No. and/or Bus No.:
Date(s) and time(s) of the occurrence(s):	Direction: Eastbound or Westbound
Brief description of the person(s) (i.e. gender, race, height, etc.):	
Section IV:	
What type of harm or discriminatory action was taken against you?	
☐ Accommodation ☐ Hostile environment ☐ Servi	ce
If "Other," please specify:	
Section VI: Describe the harm you feel you suffered and how the person(s) you	named above are responsible.
. ,,,	·
Did anyone witness the harm or discrimination you suffered?	ì No □ Yes

Section VI:	
What remedy would you like GCRTA to consider?	
Section VII:	
Have you filed this complaint with any other federal, s	tate, or local agency or with any federal or state court?
□ No □ Yes	
If yes, please provide the contact information at the ag	gency/court where the complaint was filed.
Agency:	Contact Name:
Address:	Telephone Number:
City, State & Zip Code:	
Have you previously filed a Title VI complaint with GC	RTA? □ No □ Yes
If yes, please describe the complaint.	
Please attach any written material or other infor	mation that you think is relevant to your complaint.
	ment is true and accurate to the best of my knowledge, on and belief.
Complainant's Signature:	Date:
Sr. Manager of the O	of Equal Opportunity ffice of Equal Opportunity est 6 th Street

Cleveland, Ohio 44113-1331

GCRTA 2023 Title VI Program Update Page 13

Chapter 3 TRANSIT-RELATED INVESTIGATIONS, COMPLAINTS AND LAWSUITS

GCRTA maintains a list of active investigations conducted internally by the Office of Equal Opportunity or externally by FTA and entitles other than FTA, including lawsuits and complaints that allege discrimination based on race, color, or national origin. This list includes the date that the transit-related Title VI investigation, lawsuit, or complaint was filed; a summary of the allegation(s); the status of the investigation, lawsuit, or complaint; and actions taken by GCRTA in response, or final findings related to the investigation, lawsuit, or complaint.

Please see the attached list of complaints from 2019-2023.

Title VI Complaints 2019-2023

	Title VI Complaints 2019 -2023							
Claim Number	Regarding	Date Complaint Received	Allegation(s)	In-House Counsel / Assigned Investigator	Current Status/ Disposition	Other Detail	Date Resolved/Closed	
19-03-02	Customer Complaint	3/18/2019	Racial discrimination	BA	Unsubstantiated	Closed	6/19/2019	
19-11-02	Customer Complaint	11/5/2019	National origin and race discrimination and retaliation	FBW	Closed	Referred to Tower City Security	12/16/2019	
2020-11-09	Customer Complaint	11/30/2020	Racial discrimination	AJ	Closed	Lack of cooperation	2/1/2021	
2021-06-01	Customer Complaint	6/4/2021	Discrimination based on race	FBW	Closed	Statute of limitations	7/19/2020	
2022-09-01	Customer Complaint	9/7/2022	Age, disability, sex, national origin, and race discrimination	AJ	Unsubstantiated	Closed	9/30/2022	
2022-01-01	Customer Complaint	1/14/2022	Age, color, disability, sex, national origin, race, religion, retaliation, sexual harassment, and sexual orientation discrimination	FBW	Closed	Lack of cooperation	2/25/2022	

Title VI External Complaints 2019-2023					
Agency	ncy Claims Number Allegation		Disposition		
OCRC	CLEG4(45519)10112019 Disability and public accommodation		Settled		
OCRC	CLEG4(45550)10282019	Race Discrimination and Public Accommodation	Settled		
OCRC	CLEG4(45870)05292020	Race Discrimination and Public Accommodation	Dismissed		
OCRC	CLEG4(46077)10282020	Race, Sex, Disability, Age, Religion, and National Origin Discrimination; and Retaliation	Dismissed		
OCRC	CLEG4(46205)01212021	ADEA and ADA – Race, Gender, Religion, National Origin, Age, and Disability Discrimination	Dismissed		
OCRC	CLEG4(46313)02152021	Disability Discrimination	Dismissed		
OCRC	CLEG4(46369)04282021	Disability Discrimination	Dismissed		
OCRC	CLEG4(46747)10192021 Race, Gender, Sex, and Age Discrimination		Dismissed		
OCRC	CLEG4(47645)07272022	47645)07272022 Race and Disability discrimination P			
OCRC	CLEG4(47567)07052022	Discrimination	Dismissed		
OCRC	CLEG4(47958)10142022	Race, sex and religion, and retaliation	Pending		

Language Assistance Plan

This Limited English Proficiency Plan has been prepared to address the Greater Regional Transit Authority (GCRTA) responsibilities as a recipient of federal financial assistance as they relate to the needs of individuals with limited English proficiency language skills. The plan has been prepared in accordance with Title VI of the Civil Rights Act of 1964, 42 U.S.C. 2000d, et seq., and its implementing regulations, which states that no person shall be subjected to discrimination based on race, color or national origin.

Executive Order 13166, titled Improving Access to Services for Persons with Limited English Proficiency, indicates that differing treatment based upon a person's inability to speak, read, write, or understand English is a type of national origin discrimination. It directs each agency to publish guidance for its respective recipients clarifying their obligation to ensure that such discrimination does not take place. This order applies to all state and local agencies which receive federal funds, including all GCRTA departments receiving federal grant funds.

The GCRTA has developed this Limited Assistance Plan to help identify reasonable steps for providing language assistance to persons with Limited English Proficiency (LEP) who wish to access services by providing a snapshot as of January 2020. As defined Executive Order 13166, LEP persons are those who do not speak English as their primary language and have limited ability to read, speak, write, or understand English. This plan outlines how to identify a person who may need language assistance, the ways in which assistance may be provided, staff training that may be required, and how to notify LEP persons that assistance is available. The Implementation Plan follows the four-factor framework outlined in Implementing the Department of Transportation's Policy Guidance Concerning Recipients' Responsibilities to Limited English Proficient Persons; A Handbook for Public Transportation Providers as prepared by the Federal Transit Administration Office of Civil Rights, April 13, 2007.

1.0 FACTOR 1 – THE NUMBER OR PROPORTION OF LEP ELIGIBLE TO BE SERVED OR LIKELY TO BE ENCOUNTERED BY A GCRTA PROGRAM, ACTIVITY, OR SERVICE

GCRTA staff interaction with customers of Limited English Proficiency (LEP) varies depending on department and function of the employee. The following have been identified as the most probable locations:

- Customer Call Center
- Paratransit Reservation Center
- Paratransit Customer Registration (Disabled/Senior Transportation)
- Transit Police
- Public Meetings
- · Hiring Events

1.1 Census Data

Data from the US Census Bureau identified English language proficiency of people based on the language spoken at home.

Table A compares the percent of various populations who speak English less than very well over 10 years. Cuyahoga County is the GCRTA service area.

Table A: Population that speaks English less than "very well"

Percent of Population 5 years or older						
Speak English Less than Very Well	2000	2010	2017	2020		
United States	8.10%	8.70%	8.50%	8.20%		
Ohio	2.20%	2.30%	2.40%	2.50%		
Cuyahoga County	3.20%	4.10%	4.20%	4.30%		

Source: DP02, 2020: ACS 5-Year Estimate

Within Cuyahoga County, 4.3% of the population was reported less than "very well" English speaking ability. This is the GCRTA service area boundary. This includes 58 municipalities.

People who speak English as a second language come from a variety of lingual backgrounds.

1.1.1 Cuyahoga County Overview

RTA provides service throughout Cuyahoga County. According to 2016-2020 ACS 5-Year Estimates, Cuyahoga County's population 5 years or older is 1,170,634. Of that, 12.2% speak a language other than English, and 4.3% speak English less than "very well". Table B provides a breakdown of the language groups spoken at home in our service area and table C shows the percent change in LEP populations.

Table B: Cuyahoga County Population Language Demographics

Cuyahoga County, Ohio 2016 -2020 ACS 5-Year Estimates				
	Total	Percent		
Population 5 years and over	1,170,634			
English only	1,028,266	87.8%		
Language other than English	142,368	12.2%		
Speak English less than "very well"	49,815	4.3%		
Spanish	50,772	4.3%		
Speak English less than "very well"	17,328	1.5%		
Other Indo-European languages	52,318	4.5%		
Speak English less than "very well"	17,938	1.5%		
Asian and Pacific Islander languages	20,582	1.8%		
Speak English less than "very well"	8,499	0.7%		
Other languages	18,696	1.6%		
Speak English less than "very well"	6,050	0.5%		

Table C – Cuyahoga County Change in LEP Individuals

Cuyahoga County, Ohio 2016 -2020 A	Cuyahoga County, 2013-2017 ACS		Percent Change		
	Total	Percent	Total	Percent	
Population 5 years and over	1,170,634		1,184,832		-1.2%
English only	1,028,266	87.8%	1,048,766	88.5%	-1.95%
Language other than English	142,368	12.2%	136,066	11.5%	4.63%
Speak English less than "very well"	49,815	4.3%	50,220	4.2%	-0.81%
Spanish	50,772	4.3%	46,773	3.9%	8.55%
Speak English less than "very well"	17,328	1.5%	16,239	1.4%	6.71%
Other Indo-European languages	52,318	4.5%	52,283	4.4%	0.07%
Speak English less than "very well"	17,938	1.5%	19,098	1.6%	-6.07%
Asian and Pacific Islander					
languages	20,582	1.8%	19,169	1.6%	7.37%
Speak English less than "very well"	8,499	0.7%	8,818	0.7%	-3.62%
Other languages	18,696	1.6%	17,841	1.5%	4.79%
Speak English less than "very well"	6,050	0.5%	6,065	0.5%	-0.25%

Source: US Census, 2016-2020 American Community Survey, DP02

English only speakers have lost population within the three-year ACS data comparison. Spanish and other languages have gained population, increasing the overall number of individuals who speak English less than "very well" even if slightly decreasing the percentage. Cuyahoga County total population has decreased by 1.2%.

Table D: Population and Percent of LEP by language

Cuya	ahoga County, Total Populati	on = 1,198,600	
Language	Estimated LEP Population	% of LEP Population	% of Total Population
Spanish	14300	29.3%	1.2%
Chinese	4700	9.6%	0.4%
Other Slavic Languages	3400	7.0%	0.3%
Russian	3400	7.0%	0.3%
Other Indo-European Languages	3400	7.0%	0.3%
Arabic	3300	6.8%	0.3%
Serbo-Croatian	2200	4.5%	0.2%
Italian	1800	3.7%	0.2%
Polish	1400	2.9%	0.1%
German	1300	2.7%	0.1%
Vietnamese	900	1.8%	0.1%
Other Asian Languages	900	1.8%	0.1%
Korean	800	1.6%	0.1%
Hungarian	800	1.6%	0.1%
French	700	1.4%	0.1%
African Languages	600	1.2%	0.1%
Tagalog	600	1.2%	0.1%
Greek	600	1.2%	0.1%

Source: MPI Data Hub, "Ohio: Languages Spoken by Limited English Proficient (LEP) Individuals Statewide and by County: Number and Share of Total State/County Population"

1.1.2 Map Analysis

Geographic locations for limited English proficiency individual by language is shown on Figures 1 through 4. This distinguishes locations of where limited proficiency individuals might interact with the transit system. Data used for this analysis includes the American Community Survey 2016 and 2020 5-year estimates. The 5-year ACS data is an ongoing survey that provides vital information on a yearly basis about individuals. 2020 ACS data is the most recent complete dataset that we can obtain. A map has been created for the following language groups:

- 1. All Limited English Proficiency Speakers
- 2. Spanish Language Speakers Less than Very Well
- 3. Indo-European Language Speakers, Less than Very Well
- 4. Asian Language Speakers, Less than Very Well
- 5. Other Language Speakers, Less than Very Well

Spanish Speakers include:

Spanish or Spanish Creole

Indo-European Speakers include:

- French, including Patois, Cajun
- · French, Creole
- Italian
- Portuguese or Portuguese Creole
- German
- Yiddish
- Other West Germanic languages
- Scandinavian Languages
- Greek
- Russian
- Polish
- Serbo-Croatian
- Other Slavic Languages
- Armenian
- Persian
- Gujarati
- Hindi
- Urdu
- Other Indo-European

Languages

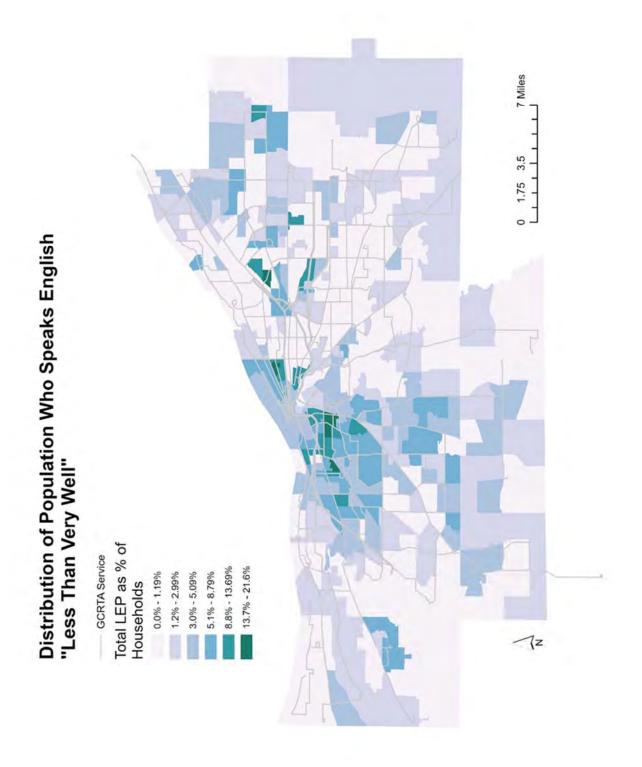
Asian Speakers include:

- Chinese
- Japanese
- Korean
- Mon-Khmer
- Hmong
- Thai
- Laotian
- Vietnamese
- Other Asian Languages
- Tagalog
- Other Pacific Island Languages

Other Language Speakers include:

- Navajo
- Other Native North American Languages
- Hungarian
- Arabic
- Hebrew
- African Languages
- Other Specified Languages

Figure 1



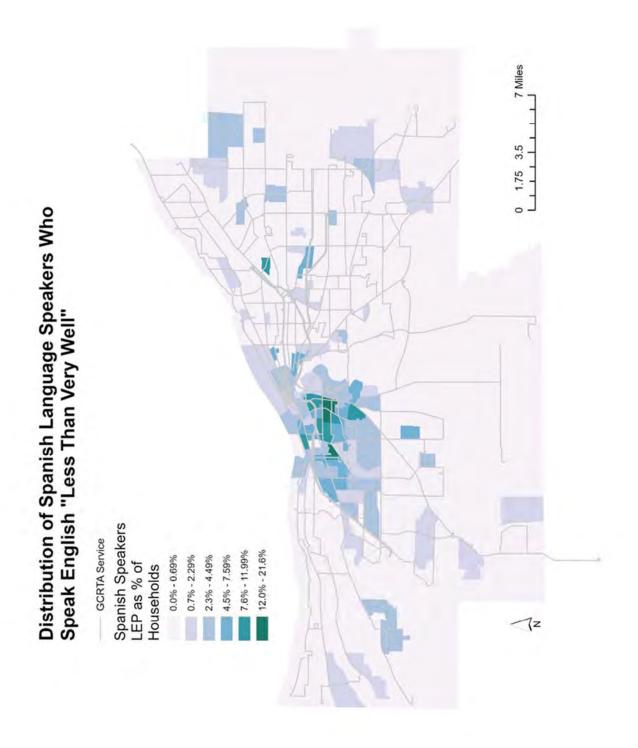


Figure 2

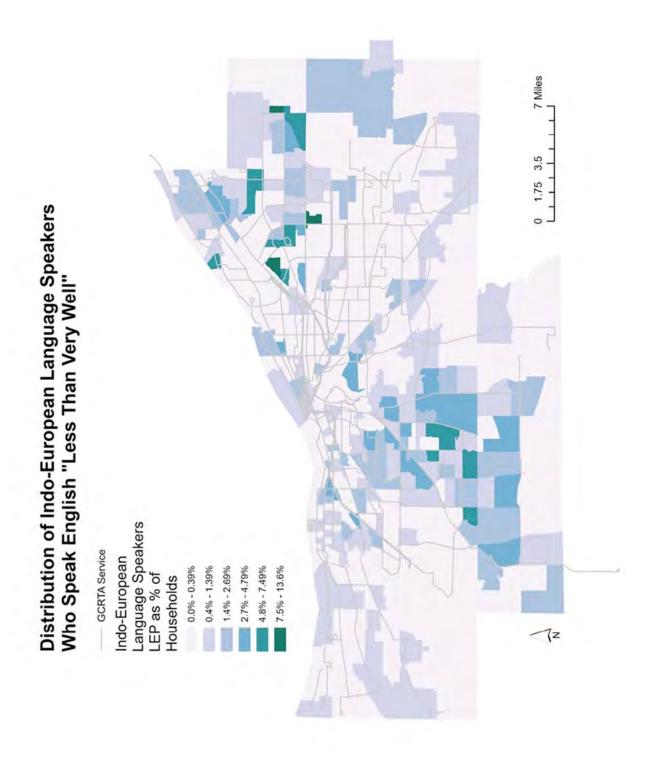


Figure 3

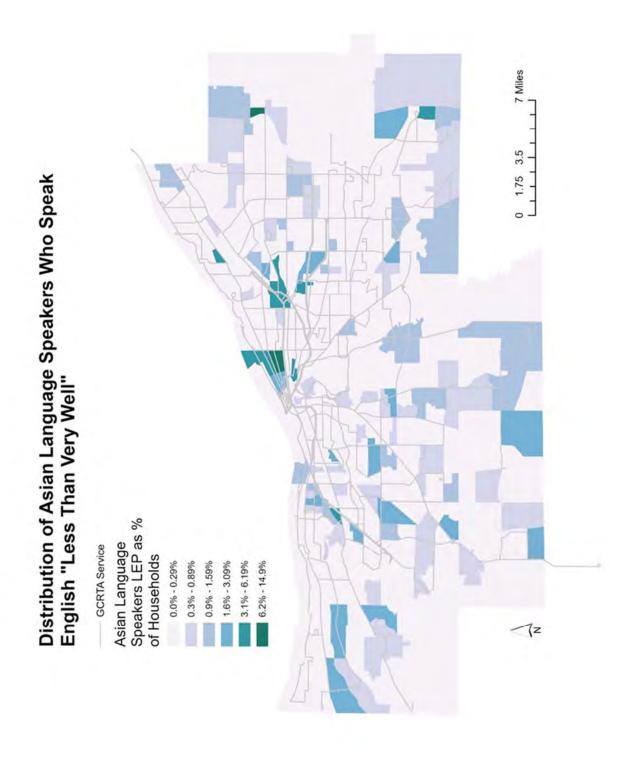


Figure 4

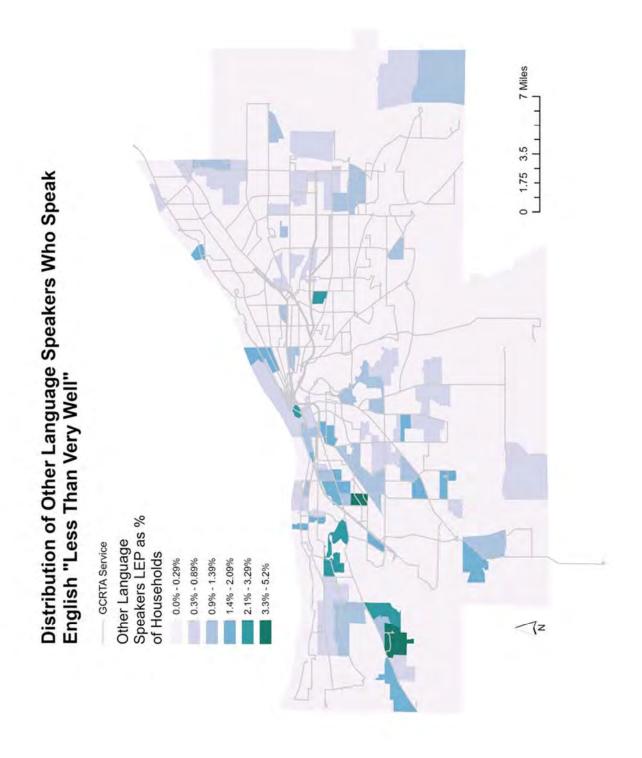


Figure 5

Summarizing the map information:

- Overall, the urban core (City of Cleveland) has a higher percentage of persons who speak another language other than English at home.
- · High concentration of LEP individuals are located on the west side of City of Cleveland
- Indo-European LEP individuals have a high concentration in the southern portion of the County.
- Asian and Pacific, and "other languages" are located throughout the County.

2.0 FACTOR 2 – THE FREQUENCY WITH WHICH LEP PERSONS COME IN CONTACT WITH GCRTA PROGRAMS, ACTIVITIES OR SERVICES

GCRTA provides fixed route bus, rail, bus rapid transit, and demand response (Paratransit) services. Various facilities and vehicles provide these services, which requires GCRTA to have community interaction, including operator communication, services dispatch, transit police, and ADA processing.

LEP encounters are not collected. However, RTA has several public outreach groups that may discuss events related to LEP individuals and determine possible solutions. These groups include Citizens Advisory Board and ADA Council.

2.1 LEP Encounters

American Community Survey 2020 data sets for workers aged 16 years and older provided data for travel to work by language proficiency. Table E displays these results. Overall, only 4.3% of the population use public transit as a means of transportation to work and 3.8% of the total working population 16 years or older speak English less than "very well".

Table E: LEP populations means of transportation to work (16 years and older)

	Total	Car, truck, or van drove alone	Car, truck, or van carpooled	Public transportation (excluding taxicab)
Label	Estimate	Estimate	Estimate	Estimate
Workers 16 years and over	582,120	449,872	43,877	24,844
Speak language other than English	12.1%	11.6%	18.7%	9.8%
Speak English less than "very well"	3.8%	3.4%	7.9%	3.6%

Source: US Census, 2020 American Community Survey 5-Year Estimates, S0802

RTA has several key programs and major points of contact with the public that LEP individuals may use. The following describe customer service interactions and opportunities for LEP outreach.

2.1.1 Customer Call Center

The RTA Customer Call Center (RTAnswerline) provides information for general callers on RTA services. It is located within the RTA Main Office Building. The Call Center tracks requests for Spanish-speaking assistance. RTA has bilingual representatives in the Call Center to help anyone who requires Spanish language assistance. Two of the customer service center personnel are bi-lingual in Spanish. The call center records approximately 30 calls per month requiring Spanish translation which is .2 % of the calls received by the Center.

In addition, RTA does have available the Cleveland State University Call Bank for translations to other languages. There is no tracking of usage and is rarely used.

2.1.2 Paratransit Reservation Center

The Paratransit reservation center does not track requests for assistance in arranging trips in other languages. The primary language barrier is Spanish, which is handled by a full-time Spanish speaking reservationist. LEP individuals are not common, averaging four cases a month. Most frequently, the caller will have a family member or friend available on the phone for translation. The Paratransit reservation center is located at the Paratransit District Garage and not within the Main Office Building.

2.1.3 Paratransit Customer Registration (Disabled/Senior Transportation), ADA Office

The Paratransit registration is located within the Main Office Building. It screens and registers individuals for reduced fares. Assistance from the Call Center bilingual employee is needed roughly six to eight times a week. It is common for individuals with limited English skills to bring a family member or friend to assist in the translation.

2.1.4 Transit Police

Transit Police rarely encounters non-English speaking individuals. In the event a translator is needed, a Spanish-speaking Transit Police officer, Spanish speaking RTA employee or another first responder has been available to assist. Transit Police have three (3) officers who are fluent in the Spanish Language.

2.1.5 Board Meetings and Public Meetings

Translators are provided for Board Meetings when notice is given. This includes American Sign Language interrupters. Public meetings are held in public areas to discuss a service change or development. If notice is given prior to attendance, GCRTA will provide translation assistance.

2.1.6.1 Human Resources Hiring Events

In recent years, GCRTA has created a partnership with El Barrio – Workforce Development Center which is part of the Centers for Family and Children. Two or three times a year, GCRTA has an event at their facility to meet with clients and potential job applicants. These events give GCRTA the opportunity to speak to the Hispanic community about general areas of interest and possibly provide employment opportunities. El Barrio provides training to their clients that are interested in becoming a bus Operator at GCRTA, and how to obtain the temporary Commercial Driver's License (CDL) to begin the recruitment process at GCRTA.

GCRTA also has a partnership with the Spanish American Community, where our Human Resources department meet with organization representatives to present GCRTA and open job opportunities.

These processes have been successful at obtaining a diverse workforce and meeting the employment needs for GCRTA.

2.1.6.2 Human Resource -CMSD Outreach

The Department of Education, along with (OCR) determined CMSD needed to provide ESL/Bilingual students with information on how to safely use public transportation. The student's grade levels ranged from K-12 representing over thirty-seven (37) languages. GCRTA Outreach Sessions were held at the following schools.

- · Buhrer Dual Language Academy
- · Clark
- Joseph M. Gallagher
- Luis Munoz Marin
- Scranton
- Thomas Jefferson International Newcomers Academy
- James Ford Rhodes
- · Lincoln West
- Max Hayes

GCRTA literature was translated by CMSD Staff and was provided to students and parents. The literature and presentation focused on the following:

- Bus & Rail Safe Riding Tips (Grade Crossing, Emergency Phone Use)
- Safe Place Program
- Transit Police App (Safe Watch)
- How to use your fare card/planning your trip
- Go RTA App
- · What to expect your first time

2.1.7 Office of Small Business

The Office of Small Business participates in the Northeast Ohio Hispanic Chamber of Commerce (NEOHCC)Construction Opportunity Fair. This is an annual event which provides GCRTA an opportunity to highlight contracting opportunities and provide instruction on how to become certified with GCRTA as

a minority or woman owned business. Translation services for required forms and documents is also provided.

2.2 Other Local Government Agency Experience

RTA will monitor and learn from the City of Cleveland, Cuyahoga County, and Cleveland Municipal School District experiences with LEP individuals. RTA will also reach out to the local planning departments in communities that have a cluster of LEP individuals for assistance on how to best communicate information to specific populations.

RTA participates in regional transit collaboration through the local metropolitan planning organization called NOACA (Northern Ohio Areawide Coordinating Agency). RTA participates in Transit Council where discussions related to transit services and funding. It is an opportunity to share best practices related to customer service and needs.

3.0 FACTOR 3 – THE NATURE AND IMPORTANCE OF PROGRAMS, ACTIVITIES, OR SERVICES PROVIDED BY RTA TO THE LEP POPULATION

RTA provides a wide array of transportation service from the regular fixed route system to Paratransit services. Making these services accessible to LEP persons provides transportation choice and is a vital service for individuals without access to personal vehicles.

In addition to transit services, RTA provides service- related information at public meetings and board meetings, and LEP individuals interact and able to access transit police services and hiring events.

3.1 Consequences of Language Barriers

The critical services can be divided into three groupings for potential consequences: basic service usage; emergency procedures; and public hearings.

3.1.1 Basic Service Usage

LEP individuals could potentially not receive transportation service. It could be an inconvenience to LEP individuals until appropriate translation or assistance is provided. RTA provides Paratransit services, which serves customers that are unable to utilize typical fixed route service. These customers are ADA certified residents, of which some may be LEP customers.

3.1.2 Emergency Procedures

For emergency procedures, it is feasible that there may be an occurrence where an LEP individual would need to evacuate an RTA vehicle or building for life safety purposes or contact the authorities for safety reasons. Recent updates to the safety evacuation signage on busses and trains provide most information pictorially, with limited usage of written instructions. Within RTA facilities, universal exit signage is utilized to direct all patrons out of the facility or to an area of safe refuge.

3.1.3 Public Hearings

LEP individuals could have the inability to understand and provide comment on the proposed service changes or other issues. This may result in an unintentional under-representation of the impact to the greatest number of LEP persons within the limits of RTA's resources. RTA analyzes site locations for public hearings and may provide translation services if needed.

4.0 FACTOR 4 -THE RESOURCES AVAILABLE TO RTA AND OVERALL COST TO PROVIDE LEP ASSISTANCE

4.1 Inventory of RTA Resources

The RTA reviewed its available resources that could be used for providing LEP assistance, including verbal and written Spanish translation.

4.1.1 Language Assistance

A person who does not speak English as their primary language and who has a limited ability to read, write, speak or understand English may be a Limited English Proficient person and may be entitled to language assistance with respect to RTA services. Language assistance can include interpretation, which means oral or spoken transfer of a message from one language into another language and/or translation, which means the written transfer of a message from one language into another language.

How the RTA staff may identify an LEP person who needs language assistance:

- Post notice of LEP Plan and the availability of interpretation or translation services free of charge in languages LEP persons would understand.
- When the RTA sponsors an informational meeting or event, a staff person may greet participants as
 they arrive. By informally engaging participants in conversation, it is possible to gauge each
 attendee's ability to speak and understand English. Although translation may not be able to be
 provided at the event, it will help identify the need for translation at future events.

4.1.2 Current Language Assistance Measures

Although there are a very low percentage of LEP individuals in the RTA service area, that is, persons who speak English less than "very well", the RTA staff will take reasonable steps to provide the opportunity for meaningful access to LEP clients who have difficulty communicating English.

The following resources will be available to accommodate LEP persons:

- Volunteer or staff interpreters for the Spanish language are available and will be provided within a reasonable time period.
- Language interpretation will be accessed for all other languages through a telephone interpretation service.

4.1.3 Printed Materials

GCRTA provides translations of its vital documents in Spanish online. Those Vital Documents include:

- Complaint Form
- Complaint Process

- Notice of Your Rights -Title VI Signage
- Paratransit Application
- Paratransit Booklet

Concurrent with Title VI regulations, Title VI information and documentation is available at www.riderta.com and upon request. Any person who believes he or she has been aggrieved by an unlawful discriminatory practice under Title VI may file for a complaint with RTA. Each transit vehicle displays signage (in both English and Spanish), informing passengers of their rights protected by Title VI.

4.1.4 Monitoring

The plan will be reviewed and updated periodically, or when higher concentrations of LEP individuals are present in the RTA service area. Updates will include the following:

- Current LEP population in the service area
- Need for translation services has changed
- Language assistance programs have been effective and sufficient
- RTA financial resources are sufficient to fund language assistance resources needed
- RTA fully complies with the goals of this LEP Plan
- Complaints have been received concerning LEP customers

4.2 Recent LEP Service Implementations

The following services identified have been implemented to assist the LEP population:

- Fixed Route Bus/Rail Schedules
- With the re-issuance of new schedules for each route, information is now translated in Spanish to direct LEP persons to call the Customer Service Center for additional help.
- Similar information directing Spanish LEP persons to call the Customer Service Center are now placed on the RTA website.
- Emergency Evacuation Procedures
- RTA recently updated all of the emergency evacuation instructions on all busses and trains with universal graphic signage. Text has been augmented or replaced with fully pictorial versions.
- Currently use the universal "EXIT" signs and no further action is required.
- Oral Translations
- RTA has continued to pursue hiring bilingual speakers, with a focus on language group(s) identified through continued outreach as potentially having a significant LEP population using transit.
- Bi-Lingual public meetings on 25Connects project and translation of Executive Summary in Spanish.

Public Participation Plan

It is the policy of the Greater Cleveland Regional Transit Authority (GCRTA) to encourage public involvement and participation in the decision-making process regarding issues impacting the Authority's customers, including but not limited to service reductions and fare modifications (Resolution No. 1995-25). GCRTA has established a public involvement process to ensure minority, low-income and LEP populations are engaged through public outreach and involvement activities.

GCRTA Board of Trustees meets monthly. All meetings of the Board, except executive sessions held for purposes required or permitted by law, are open to the public and no person is excluded from any meeting. Time is provided for the public to comment on any issue at each meeting. The GCRTA maintains a list of persons and organizations that wish to receive information from the GCRTA.

Outreach Efforts

GCRTA solicits comment and customer feedback from interested parties related to major decisions impacting services and fares. Public comment and participation are solicited in several ways, including:

- Public Hearings and/or Community Meetings
- Letters written to The Greater Cleveland Regional Transit Authority (GCRTA)
- Comments received via the GCRTA website
- Social media: Facebook, Twitter and Instagram
- GCRTA's Citizen Advisory Board
- Direct communications with elected officials and community leaders
- Emails to public comment mailbox

Public Meetings

Public meetings are a critical element of the Authority's community involvement program. Meetings are held with the primary objective of sharing information related to specific changes, as well as soliciting feedback from interested parties.

Typically, meetings are held in affected neighborhoods, allowing those audiences that may be impacted by proposed changes, easy access to provide comment. Locations are easily accessible by public transportation and all facilities are ADA compliant.

Notification of meetings are posted at least two weeks in advance in media sources most consumed by individuals residing in affected service areas, such as the Cleveland Plain Dealer, and the Call and Post (weekly publication serving Northeast Ohio's African American community). Scheduled meetings are also promoted in the Authority's customer newsletters, website, signage posted on revenue vehicles, audio announcements are aired in passenger facilities, as well as through postings in various media outlets.

The format of the meeting/hearing varies based on the audience and magnitude of the proposed change. In most cases, an "open-house" type meeting is held that spans several hours and is typically conducted in communities that may potentially be impacted by the proposed changes. The meeting would begin with GCRTA staff proving a detailed description of the changes proposed, followed by a period of open comment from meeting attendees. Throughout the meeting, staff would be present to respond directly to customer inquiries and questions.

To encourage the participation of those with a hearing impairment, GCRTA provides sign language interpreters to communicate with this audience more effectively. To better address the needs of those individuals with language barriers, Spanish-speaking staff members are present to provide those translation services. Additionally, a court reporter is present to capture an accurate transcript of comments provided by attendees. These comments are later reviewed and interpreted by the Authority's Service Planning staff and incorporated into the final recommendations prepared for management's consideration.

Consideration of Public Comment and Feedback

All comments received regarding proposed changes are reviewed and summarized by Authority staff including Marketing, Service Management, Office of Management & Budget, and Finance. After a general review is completed, staff from affected departments shares information received from the public, along with revised recommendations to the Authority's General Manager, Deputy General Manager of Operations, and other key executive staff for final determination. The final recommendations take into full consideration comments received

through the public involvement process. GCRTA staff is committed to faithfully representing all comments received, positive as well as negative, when presenting the results. Recommendations endorsed by the Executive Management team are presented to the Authority's Board of Trustees for final action or acceptance.

Responsibilities

The Service Management Department and the Office of Management & Budget are responsible for the following:

- Develop proposals for consideration related to service modifications and fare increases
- Develop and implement the community involvement plan to solicit customer comments
- Review and summarize the comments
- Based on public comment and input, revise recommendations
- Package final recommendations for approval by the Board of Trustees

The Marketing department is responsible for the following:

- Maintain all documentation related to the public participation process
- Placement of legal notices promoting public hearings at least two weeks prior to scheduled events. Also responsible for the development of other communication strategies to promote the meetings (signs, media releases, flyers)
- Compile and maintain the public comment file for all comments received through all sources (meetings, emails, letters)
- Coordinate use of digital media for both posting of information and collecting customer comments
- Determine the best format for the meeting
- Make all arrangements for public meetings, including but not limited to, securing the meeting space, scheduling hearing and/or language interpreters and court reporters, and development and production of all collateral materials for the meeting
- Communicate with elected officials and community leaders in affected areas prior to meetings to review proposals and solicit comment

Summary of Outreach Activities since last Title VI submission

The GCRTA had fare and service changes since the last Title VI submittal. The changes were of the following:

- 1) Fare Reduction based on a fare equity study, the All-Day Passes fare were decreased.
 - a. Updated all time timetables
 - b. During the 2021 Public Image campaign promoted the reduction in fare rates
 - c. Presented at board meeting
 - d. Updated website, signage at Tower City and other areas (not sure where all location are at)
 - e. Leveraged our social channels to advise of the change
 - f. Printed banners hung at various locations
 - g. Paladin
 - h. Fare box price change sticker
- 2) NEXT GEN Bus System Redesign-engaged with customers to learn that customers prioritized rides for employment, education, and health care with emphasis on providing more frequency, more direct and accessible transportation. Online surveys as well as public engagement sessions were held to facilitate feedback. See attachment B for System Redesign Public Participation Summary and Schedule.

Monitoring Sub-Recipient

At this time, GCRTA has no sub-recipients.

Non-Elected Committee Membership

The Citizens Advisory Committee (CAC) is comprised of representatives selected from public and private agencies, consumer groups, interested individuals, and users of the transit system. The CAC is a transit-related group of volunteers that meet quarterly to discuss relevant issues about the operations of the Authority. The Board of Trustees has appointed (7) members directly, and four (4) members have been selected through the application process. CAC members work to increase citizens' participation in community activities and involve the public in transit decision-making.

CITIZENS ADVISORY BOARD MEMBER COMPOSITION: SEX/ETHNICITY	
African American Male	3
African American Female	2
Hispanic Female	1
White Male	4
White Female	1
Total Members	11

Board Meeting Policy Decision Documentation

In accordance to the FTA C 4702.1n, it is required in the Title VI Update a copy of the board meeting minutes, resolution, and other appropriate documentation showing the board of trustees reviewed and approved the Title XI program. The following information consists of: The following information consist of the:

- The Title VI Board Presentation
- Resolution No. 2023-7; Approving the 2023 Title VI Program Update
- Staff Summary & Comments: Approving the 2020 Title VI Program Update
- Board Meeting Minutes

Chapter 4 ASSESSMENT AND MONITORING

PROGRAM SPECIFIC REQUIREMENTS AND GUIDELINES FOR RECIPIENTS SERVING LARGE URBANIZED AREAS

Demographic and Service Profile Maps and Charts

See the following files (transmitted to FTA digitally):

- 1. Map of Interstate Highways, Arterials, and Major Streets
- 2. Map of Cuyahoga County Census Tracts
- 3. Map of 2021 GCRTA Levels of Service
- 4. Map of Percent Minority Population by Census Tract
- 5. Map of Low-Income Population by Census Tract
- 6. Map of Low-Income & Below Poverty population by Census Tract
- 7. Map of Minority, Below Poverty, and Low-Income Census
- 8. Map of GCRTA Service Availability
- 9. Map of GCRTA Transit Facilities
- 10. Map of Distribution of Transit Amenities (Shelter Locations)
- 11. Map of Location of Fare Media Distribution by Census Tract
- 12. Map of Service Quality Supervisory Work Zones
- Table identifying each tract with its minority/non-minority and low-income/non low-income composition, with tracts highlighted that exceed Cuyahoga County average for both categories. (GCRTA Tracts ACS 2020)
- 14. Greater Cleveland Regional Transit Authority Title VI Analysis_04-12-2020

Requirement to Set Service Standards and Policies

The Title VI Standards and Policies mentioned above are directly related to Title VI. Specific standard and policies for Vehicle Load, Vehicle Headway (Service Frequency), Vehicle Assignment, On Time Performance, Transit Amenities, can be found in the attached copy of that document.

Assessment of Compliance

- a. Establish Procedures: After each decennial census, RTA analyzes census tracts in its service area (Cuyahoga County). RTA designates a tract as "MINLOW" if it meets either or both of the following criteria:
- The minority population percentage of the tract exceeds that of the county.
- The low-income population percentage of the tract exceeds that of the county.

A tract that meets **neither** of the above criteria is designated "NONMINLOW"

b. Establish procedures: Annually, RTA staff classifies routes into two categories according to areas served. RTA classifies a route as MINLOW if at least 1/3 of the route is located in a MINLOW census tract; otherwise the route is classified as NONMINLOW. The RTA staff compares the number of vehicle trips, vehicle miles, and vehicle hours by route category to ensure that minority and/or low-income areas are getting their fair share of service.

Establish internal guidelines: RTA's internal guidelines are presented in section IV of RTA's Title VI Program Update, January 2023.

- c. Evaluate system-wide service changes: Any time RTA plans a significant system-wide service change, RTA will use the procedure in IV.3.7 (4) (a) above to determine whether the plan is discriminatory. If so, RTA will not implement the plan. A significant service change is one that increases or decreases total annual vehicle revenue miles by at least 10 percent.
- d. Conduct compliance assessments: Every three years RTA will assess its service for Title VI compliance in a manner similar to that presented in this document.
- e. Take action on findings: RTA will take action on any findings made by FTA or by RTA's Manager of EEO/ADA Programs.

Other Areas of Title VI Considerations.

Changes in Service Features

RTA's service planning document is the Service Management Plan (SMP), which is prepared annually. The 2022 Service Management Plan Revised February 17, 2022 is attached. Its calls for no significant service changes in 2022. RTA performed one major service change in the reporting period, April 12, 2020; that service change was a result of the COVID-19 pandemic.

Though not required to do so, RTA performed a Title VI analysis on this service change. For more detail see "Greater Cleveland Regional Transit Authority Title VI Analysis_04-12-2020" file attached to this report. Other service changes in the reporting period did not require a Title VI analysis.

This Title VI Monitoring Report was performed on the RTA service that was in operation in the second half of the year in 2021. All maps and documents reflect the network that was in operation as of December 31, 2021.

Information Dissemination

Methods used to inform minority, low-income and LEP (Limited English Proficiency) communities of service changes (e.g. public notices, public hearings, other formal and informal public discussions, presentations, meeting, etc.) are as follows:

- Public notices published in local newspapers including those with significant Minority community readership.
- Informational flyers pertaining to hearings or meeting are sent to local community development groups, educational institutions, public officials, senior citizen organizations, churches community groups, and libraries throughout the metropolitan area.
- Flyers or Rider's Alerts are posted on RTA buses and rapid cars, and press releases are sent to all
 print and electronic media.
- Special attention is given to affected service areas.

Service change information is also mailed out to local community service organizations, governmental offices, and in the case of major changes, public hearings are held in the neighborhoods affected. Information community meetings are also scheduled. Please see the LEP Communication Plan for more details.

Meaningful Access to LEP Persons

Please reference the Meaningful Access to LEP Persons Communication Plan for more detailed information. Information is provided to the Hispanic population with the assistance of our Hispanic Community Relations Specialist. The Specialist translates as needed to provide two way communication between the Hispanic Community and RTA. RTA also employs staff in the Telephone Information Center (Call Center) who speak Spanish, and RTA translates key documents into Spanish.

Chapter 5 MONITORING PROCEDURES FOR TRANSIT PROVIDERS

Requirement for Transit Providers

The Service Planning Section operates with Title VI considerations as basic criteria of service development. Care is given to ensure Title VI compliance when service changes are made. The Manager of EEO/ADA Programs is informed of service change proposals that require public involvement pursuant to RTA's Service Policy.

Level of Service Methodology

Vehicle Load

Overloads are investigated and corrected on a case-by-case basis. Reviewing 2021 complaints, RTA does not have a persistent or chronic overload problem. Vehicle load issues are reported to RTA Management via drivers, supervisors, service monitors, scheduling committee members and customers through website, phone calls, email, written and walk-in reports. The following table summarizes customer complaints related to overcrowding for second half of 2021.

Customer Complaints regarding Overcrowding in second half of 2021

Overc	Overcrowding				
Row		Value			
1	All complaints, 7/1/2021 - 12/31/2021	2,368			
2	Complaints excluding Web Spam / Advertising	2,357			
3	Overcrowded Vehicle complaints	7			
4	Overcrowded Vehicle complaint percentage	0.30%			
5	System total ridership, 7/1/2021 - 12/31/2021	8,714,659			
6	One Overcrowded Vehicle complaint for every rides	1,244,951			
7	Overcrowded Vehicle complaints per 100,000 rides	0.08			
8	MINLOW Max Load - NTD Sample Avg	11.94			
9	MINLOW Max Load Below 20	88%			
10	Non-MINLOW Max Load - NTD Sample Avg	6.83			
11	Non-MINLOW Max Load Below 20	93%			

Items	
Overcrowding	7
Total Complaints	2,357
Overcrowding Complaints as a Percentage of Total Complaints	0.30%
Ridership	8,714,659
One Overcrowding complaint for every rides	1,244,951

On average RTA receives one overcrowding complaint for every 1,244,951 rides.

The RTA staff has verified the absence of an overcrowding problem by reviewing maximum passenger loads on trips sampled for the National Transit Database. For each route, the average of the observed maximum passenger loads was calculated. Each route was classified as either MINLOW or NONMINLOW as described in Section IV.3.7.b. The average maximum load of all routes in the MINLOW category and NONMINLOW category were averaged. Both averages are less than 12 passengers. These low averages are consistent with the absence of an overcrowding problem on MINLOW routes.

Vehicle Assignment

As stated in RTA's Service Code, newer buses have lower per-mile maintenance costs and shall therefore be assigned to higher mileage blocks. Care shall be taken to maintain compliance with Title VI (nondiscrimination) regulations. Coincidently, high mileage blocks serve minority and low-income areas.

However, to measure whether RTA vehicle assignments comply with Title VI, RTA sampled eight dates in the second half of 2021, as shown in the following table:

Randomly Selected Dates

Date	Day	Quarter
July 18, 2021	Sunday	3
August 19, 2021	Thursday	3
September 8, 2021	Wednesday	3
October 3, 2021	Sunday	4
October 13, 2021	Wednesday	4
October 16, 2021	Saturday	4
November 2, 2021	Tuesday	4
December 2, 2021	Thursday	4

All pull-out sheets and vehicle assignments by date and garage were extracted from HASTUS daily bus dispatch database. As described in Section IV.3.7.b, all routes were categorized as either MINLOW or NONMINLOW. As shown in the table, buses serving MINLOW routes are newer, on average, than those serving NONMINLOW routes.

Vehicle Assignment

Route Category	Average Age
MINLOW	6.70
NONMINLOW	11.19

For more detail, see Attachment J: GCRTA Vehicle Assignment by Route 2021.

Vehicle Headway

All routes in the minority and low-income service area comply with RTA's headway policy. All routes are reviewed and investigated further in response to customer complaints, suggestions, and comments.

Each route was classified as either MINLOW or NONMINLOW as described in Section IV.3.7.b. An average headway for each category was calculated. As indicated in the following table, MINLOW routes have shorter (i.e. better) average headways than NONMINLOW routes. This is true during peak and off-peak time periods.

Average Vehicle Headways

Route	Headways			
Category	Peak	Midday		
MINLOW	31.82	32.81		
NONMINLOW	37.5	45.00		

Schedules effective second half of 2021 (HASTUS Booking 2106)

For more detail, see Attachment K: GCRTA Vehicle Headway by Route 2021

On-Time Performance

RTA on-time performance metrics are outlined in the Service Code. As described in Section IV.3.7.b, all routes were categorized as either MINLOW or NONMINLOW. As shown in the table below, on-time performance on MINLOW routes averages better than NONMINLOW routes, and GCRTA as a whole.

2021 Second Half On-time Performance

oute	Percent
Category	On-time
MINLOW	81.15%
NONMINLOW	80.32%
All GCRTA	81.03%

For more detail, see Attachment L: GCRTA On-Time Performance 2021

Distribution of Transit Amenities

See Transit Amenities map file included with this report. Shelter concentration is higher in MINLOW areas than NONMINLOW areas.

Service Availability

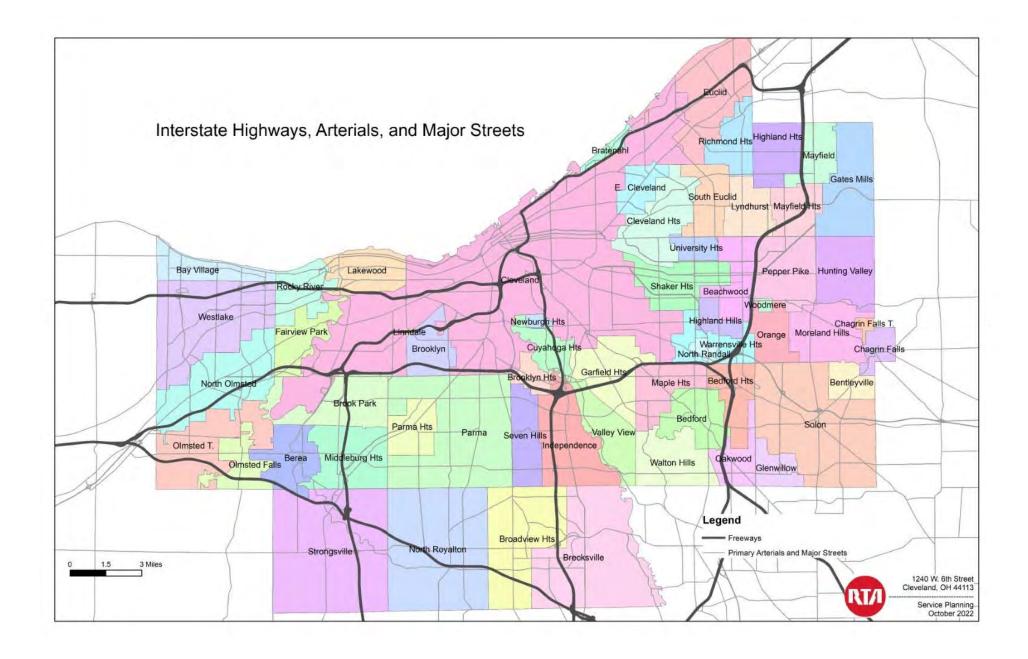
See Service Availability map. It shows a ¾ mile radius around each transit stop. As shown, an insignificant fraction of MINLOW areas are not within ¾ mile of a stop, while a significant fraction of NONMINLOW areas are more than ¾ mile from a stop.

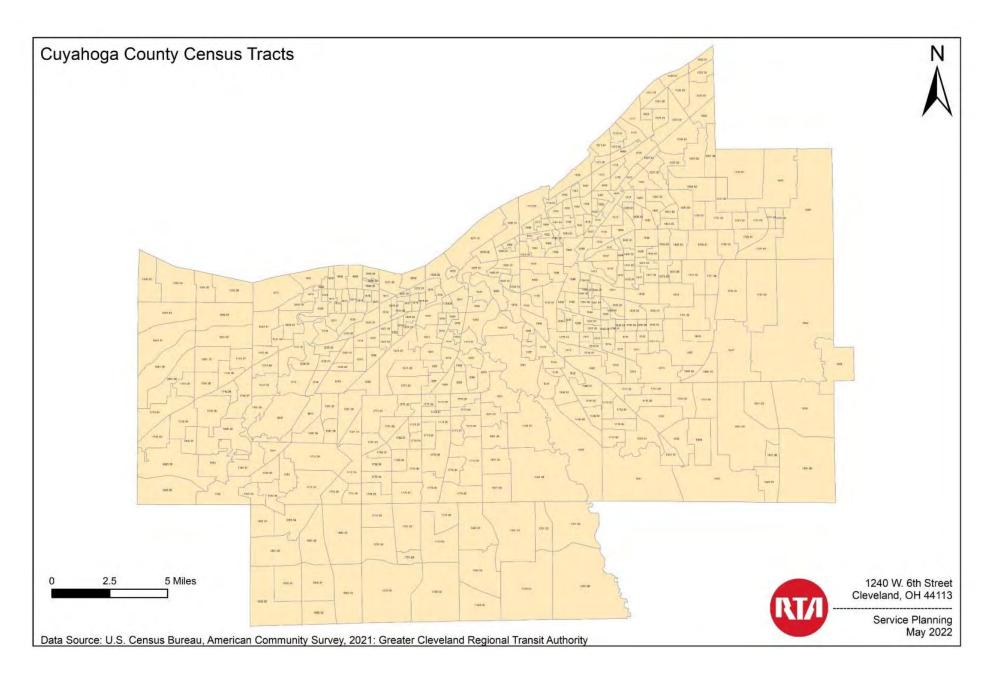
Service Quality Supervisory Work Zones

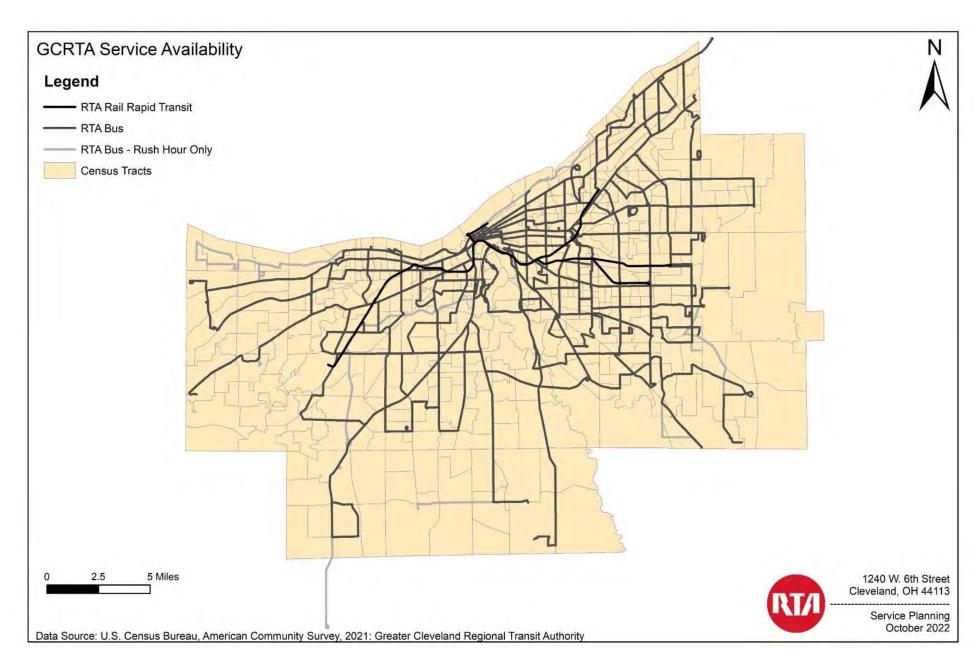
See Map of Service Quality Supervisory Work Zones. The work zones show no inequality in design of the zones.

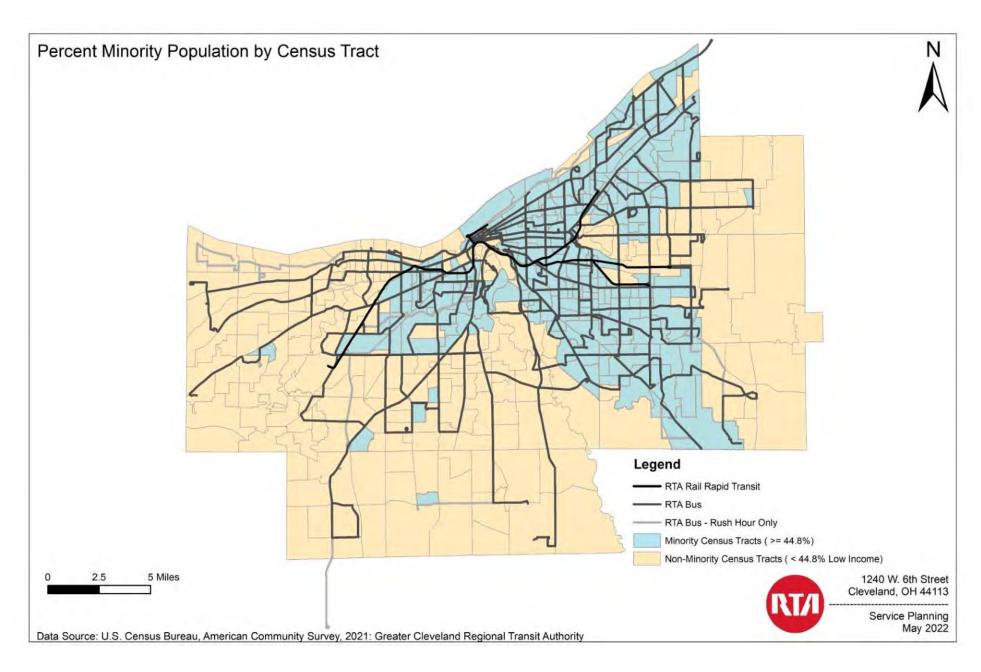
Attached Transit and Service Maps

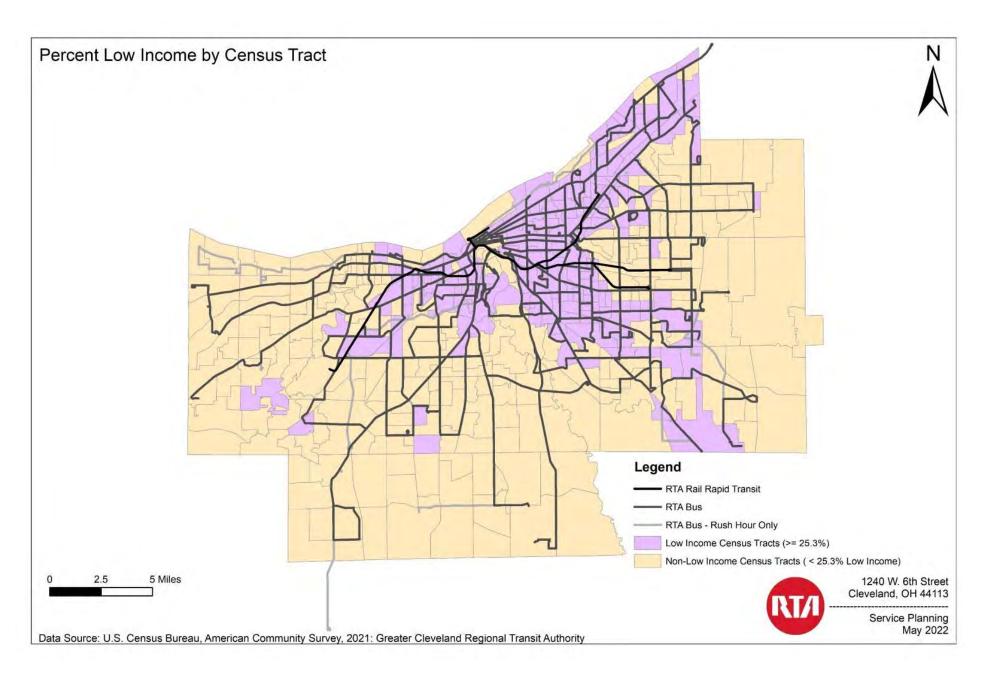
- 1. Map of Interstate Highways, Arterials, and Major Streets
- 2. Map of Cuyahoga County Census Tracts
- 3. GCRTA Levels of Service as of December 30, 2021
- 4. Map of Percent Minority Population by Census Tract
- 5. Map of Low-Income Population by Census Tract
- 6. Map of Low-Income & Below Poverty population by Census Tract
- 7. Map of Minority, Below Poverty, and Low-Income Census
- 8. Map of GCRTA Service Availability
- 9. Map of GCRTA Transit Facilities
- 10. Map of Distribution of Transit Amenities (Shelter Locations)
- 11. Map of Location of Fare Media Distribution by Census Tract
- 12. Map of Service Quality Supervisory Work Zones

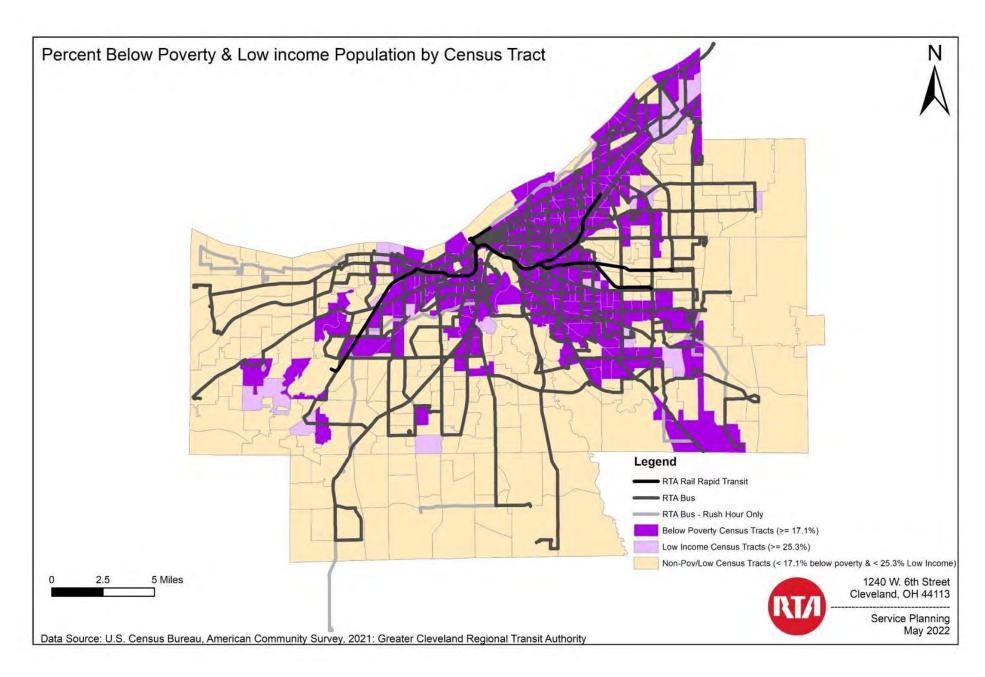


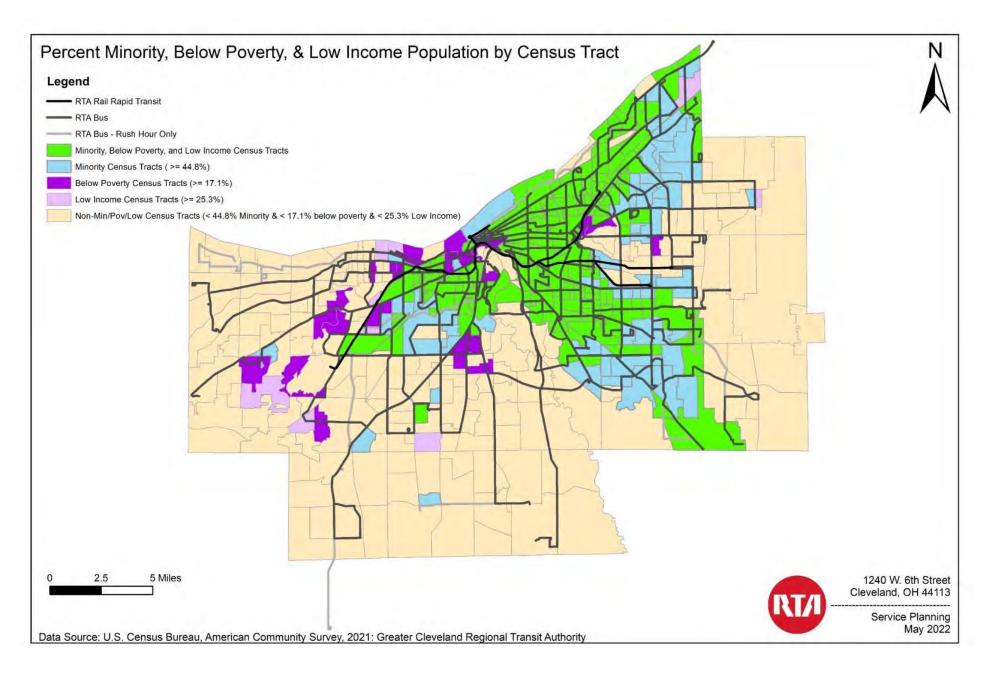


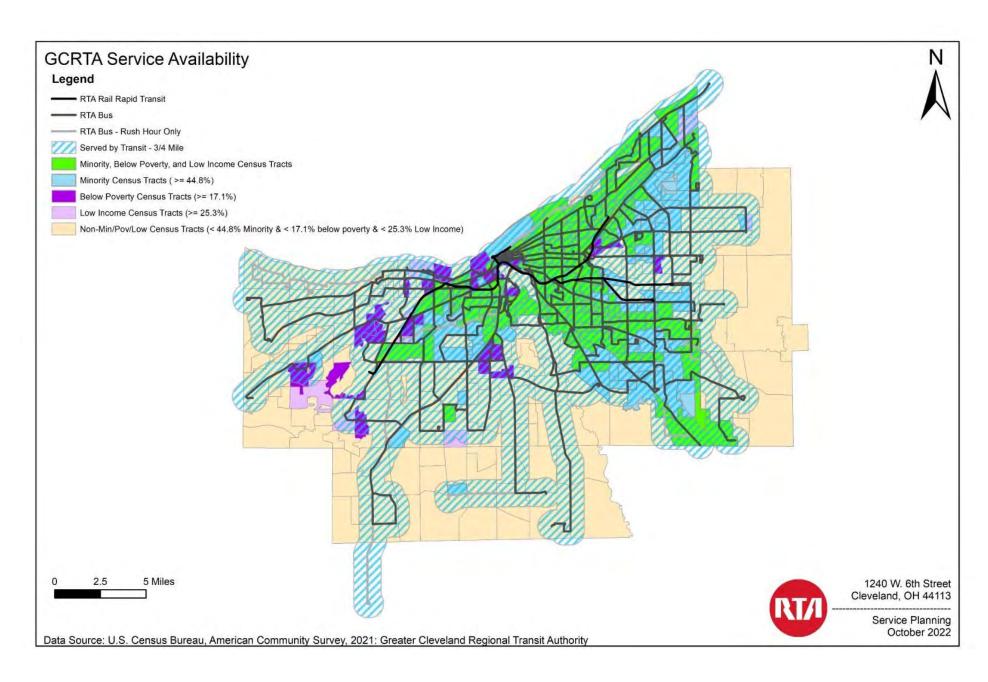


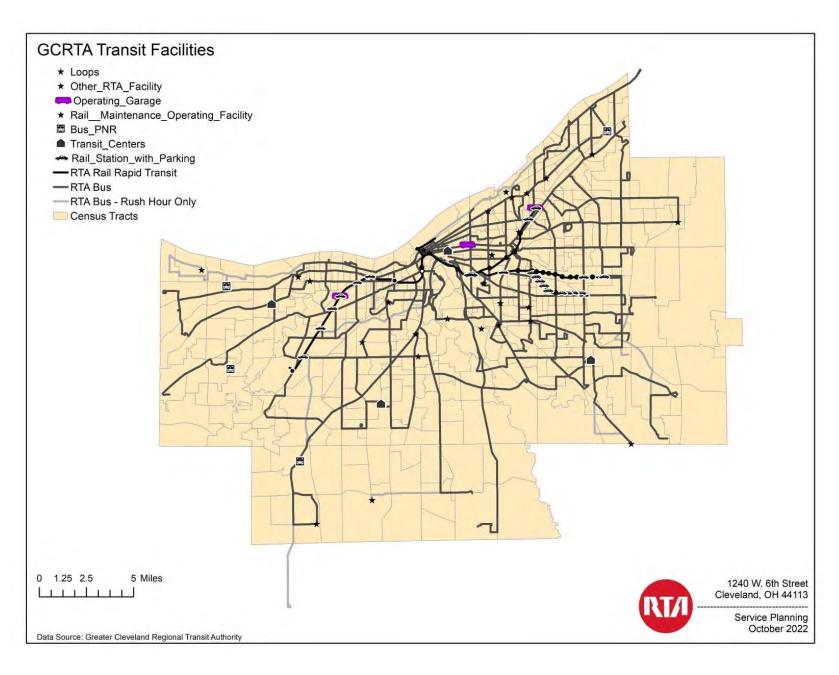


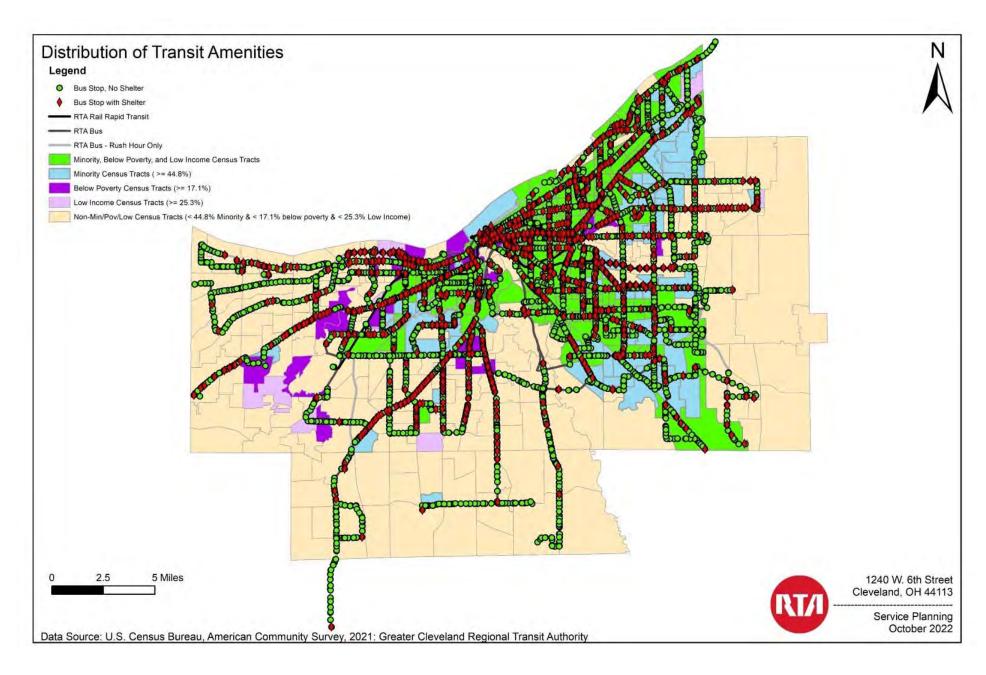


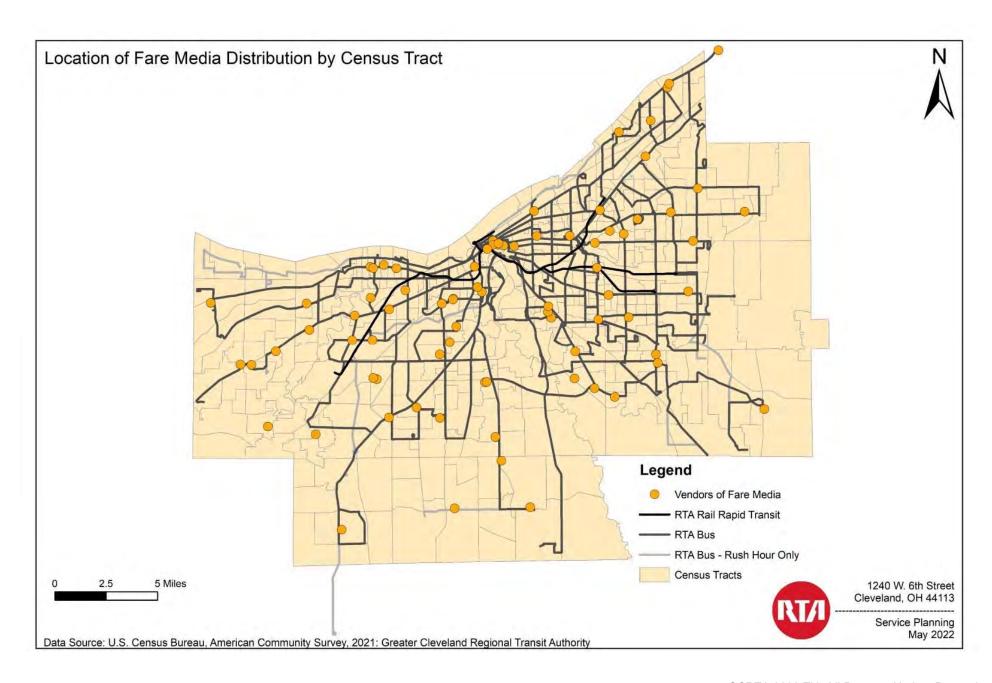


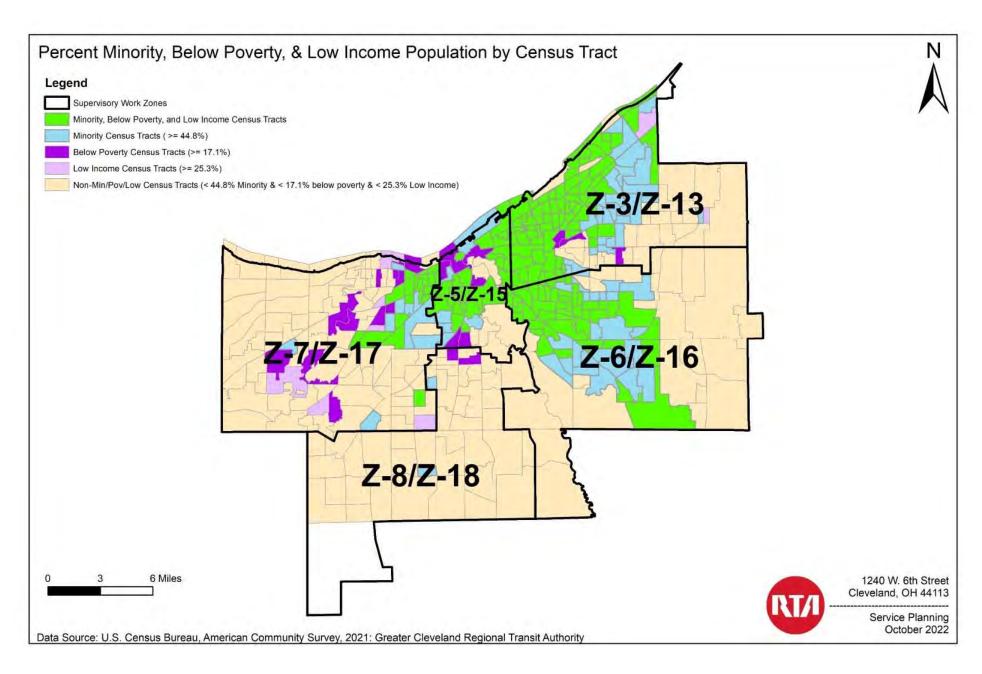












Chapter 6 <u>ATTACHMENTS</u>

Attachment A: Notice to the Public in English and Spanish - Title VI Signage

Rights Under Title VI

Greater Cleveland Regional Transit Authority (GCRTA)

GCRTA operates its programs and services without regards to race, color, and national origin in accordance with Title VI of the Civil Rights Act.

Any person who believes she or he has been aggrieved by any unlawful discriminatory practice under Title VI may file a complaint with GCRTA's Office of Equal Opportunity.

GCRTA is committed to providing equality of opportunity for employees, customers, and vendors and to complying with all appropriate Federal and State laws, rules and regulations pertaining to the treatment of minorities, women, disabled persons, and veterans in all facets of the Authority's activities. Any person who believes she or he has been discriminated against based on any unlawful discriminatory practices may file a complaint with GCRTA.



For more information on GCRTA's civil rights program or to file a complaint :

- · Call (216) 356-3085
- Go to RideRTA.com/oeo/ Download the complaint form and mail it to:

GCRTA, 1240 West 6th Street Cleveland, Ohio 44113-1331 Attn: Office of Equal Opportunity

 Come to our administrative office located at

> 1240 West 6th Street, Cleveland, Ohio 44113-1331 and request a complaint form.

 If information is needed in another language call (216) 356-3085

Derechos bajo Título VI

Greater Cleveland Regional Transit Authority (GCRTA)

GCRTA opera sus programas y servicios sin distinción de raza, color y origen nacional de acuerdo con el Titulo VI de la Ley de Derechos Civiles.

Cualquier persona que crea que ha sido perjudicada por alguna práctica discriminatoria ilegal bajo el Titulo VI puede presentar una queja ante la Oficina de Igualdad de Oportunidades de GCRTA.

GCRTA se compromete a brindar igualdad de oportunidades a los empleados, clientes y proveedores y cumplir con todas las leyes, normas y reglamentos federales y estatales correspondientes al tratamiento de minorias, mujeres, personas discapacitadas y veteranos en todas las facetas de las actividades de la Autoridad. Cualquier persona que crea que ha sido discriminada en base a prácticas discriminatorias ilegales puede presentar una queja ante GCRTA.



Para obtener más información sobre el programa de derechos civiles de GCRTA o para presentar una queja:

- Llame al (216) 356-3085
- Página de internet a RideRTA.com/oeo y descargue el archivo de queja y envlelo por correo a:

GCRTA, 1240 West 6th Street Cleveland, Ohio 44113-1302 A la atención de: Office of Equal Opportunity

 Venga a nuestra oficina administrativa ubicada en

> 1240 West 6th Street, Cleveland, Ohio 44113-1302 y solicite un formulario de queja.

 Si se necesita información en otro idioma, llame al (216) 356-3085.

Attachment B: NEXT GEN RTA System Redesign Public Participation Summary and Schedule

NEXT GEN RTA System Redesign Public Participation Summary and Schedule

GCRTA utilized a multi-prong strategy to inform the community of the NEXT GEN, proposals and to solicit feedback. The multi-prong strategy is consistent with our Public Participation Plan.

GCRTA partnered with Jarrett Walker & Associates to engage with our customers to what they value and prioritize in terms of transit service. From this first engagement, we learned that customers prioritized rides for employment, education, and health care, with emphasis on:

Providing more frequent service all day on weekdays
Providing more frequent service on Saturdays and Sundays
Providing more direct transportation, less transfers on trips between city and suburbs
Keeping all areas accessible by transit (maintain "coverage")

In the next engagement of the public, we presented service proposals for comment.

In response to public comments, before implementing the NEXT GEN RTA System Redesign, the following changes were made specifically to routes 15, 48A and 50:

Changes in the Cleveland Ward 1 neighborhood served by Route 15

Original plan: Move the six daily #15 bus trips that miss the Lee-Harvard shopping center (these trips were sometimes informally called #15A or "#15 via Walden") to the main #15 route so that all trips serve the Lee-Harvard shopping center.

Revised plan: Adjust the six daily #15 trips as stated above, but also improve the frequency of #15 service to/from the Cuyahoga Community College Eastern Campus, and improve Saturday and Sunday service frequency on the Lee Road route (#40) that crosses Walden.

Changes in the neighborhood formerly served by Route 48A and now served by Route 50

Original plan: Discontinue the 48A branch. Serve stops on that branch with a route (54) that, **unlike 48A, does not serve** University Circle, a major center for jobs, education, and health care.

Revised plan: Discontinue #48A branch. Serve stops on that branch with a route (50) that, **like 48A**, **does serve** University Circle, a major center for jobs, education, and health care.

Also, following implementation of NEXT GEN in June 2021, questions were raised for four bus routes in three Wards in the City of Cleveland. See routes and actions below:

Bus Number	Ward	Community Meeting	Action/Outcome
15, 15A 48A, 50	Ward 1	Meeting held on July 1, 2021, at the Harvard Community Center. Meeting was organized by the Ward 1 Councilman. Approximately 12 people attended.	GCRTA considered the comments received. Then GCRTA confirmed the routes as implemented in NEXT GEN provided transit access consistent with what the community wanted: employment, education, and health care with increased frequency. GCRTA staff shared this analysis with our Board. GCRTA staff later returned to present the analysis to area residents (see meeting below).
		Meeting held April 12, 2022, at Canaan Baptist Church, with City Council member and community leaders.	GCRTA presented the analysis (see Attachment 3) to the community.
38	Wards 9 & 10	Met with City Council members, community leaders, and community on August 18, 2021. The meeting was held in the community at Patrick Henry Elementary/Middle School.	After review, GCRTA confirmed access was impacted. As a result, GCRTA created a new route (#35) based on data to support the revision. Feedback on this resolution was positive.

GCRTA conducted 58 meetings/opportunities for public engagement, 12 surveys, and 138 social media posts for the NextGen system redesign/service change (detailed below).

2019 Meetings:

Facility Name	Facility Address	Date	Time	Meeting Purpose
Cleveland Public Library, Main Auditorium	525 Superior Ave., Cleveland, OH 44114	Monday, May 6	11:00 a.m., 5:30 p.m.	System Redesign/ Fare Equity
Cedar Extension Hi-Rise (CMHA)	2320 E. 30th St., Cleveland, OH 44115	Tuesday, May 7	10:00 a.m.	System Redesign/ Fare Equity
Murtis Taylor Multi- Services Center	13422 Kinsman Rd., Cleveland, OH 44120	Tuesday, May 7	3:00 p.m., 5:30 p.m.	System Redesign/ Fare Equity
Gunning Rec Center	16700 Puritas Ave., Cleveland, OH 44135	Weds., May 8	4:00 p.m., 6:00 p.m.	System Redesign/ Fare Equity
Maple Heights Library	5225 Library Ln., Maple Hts., OH 44137	Thursday, May 9	5:30 p.m.	System Redesign/ Fare Equity
Lakeview Towers (CMHA)	2700 Washington Ave., Cleveland, OH 44113	Monday, May 13	10:00 a.m.	System Redesign/ Fare Equity
Collinwood Rec Center	16300 Lakeshore Blvd., Cleveland, OH 44110	Monday, May 13	5:30 p.m.	System Redesign/ Fare Equity
Cleveland Public Library, South Branch	3096 Scranton Rd., Cleveland, OH 44113	Tuesday, May 14	10:00 a.m.	System Redesign/ Fare Equity
Cleveland Heights Community Center	1 Monticello Blvd., Cleveland Hts., OH 44118	Tuesday, May 14	5:30 p.m.	System Redesign/ Fare Equity
La Sagrada Familia	7719 Detroit Ave., Cleveland, OH 44102	Weds., May 15	5:30 p.m.	System Redesign/ Fare Equity
Bellaire Gardens (CMHA)	12555 Bellaire Rd., Cleveland, OH 44135	Monday, May 20	10:00 a.m.	System Redesign/ Fare Equity
Parma Library	6996 Powers Blvd., Parma, OH 44129	Monday, May 20	5:30 p.m.	System Redesign/ Fare Equity

	Public Partici	pation Schedule		
Rocky River Don Umerely Civic Center, Memorial Hall	21012 Hilliard Blvd., Rocky River, OH 44116	Weds., May 22	5:30 p.m.	System Redesign/ Fare Equity
Independence Library	6361 Selig Dr., Independence, OH 44131	Tuesday, May 28	5:30 p.m.	System Redesign/ Fare Equity
Cleveland Public Library, Main, Learning Commons	525 Superior Ave., Cleveland, OH 44114	Tuesday, Sept. 24	11:00 a.m.	System Redesign/ Fare Equity
Cleveland State University, BH134	2121 Euclid Ave., Cleveland, OH 44115	Tuesday, Sept. 24	5:30 p.m.	System Redesign/ Fare Equity
RTA Main Office Board Room	1240 W. 6th St., Cleveland, OH 44113	Weds., Sept. 25	10:00 a.m., 3:00 p.m.	System Redesign/ Fare Equity
Independence Library	6361 Selig Dr., Independence, OH 44131	Thursday, Sept. 26	5:30 p.m.	System Redesign/ Fare Equity
Cedar Extension Hi-Rise (CMHA)	2320 E. 30th St., Cleveland, OH 44115	Monday, Sept. 30	10:00 a.m.	System Redesign/ Fare Equity
Parma Library	6996 Powers Blvd., Parma, OH 44129	Monday, Sept. 30	5:30 p.m.	System Redesign/ Fare Equity
Cuyahoga Community College- Eastern Campus	4250 Richmond Rd., Highland Hills, OH 44122	Tuesday, Oct. 1	11:30 a.m., 2:00 p.m.	System Redesign/ Fare Equity
Beachwood Library	25501 Shaker Blvd., Beachwood, OH 44122	Weds., Oct. 2	5:30 p.m.	System Redesign/ Fare Equity
Windermere Rapid Station	14232 Euclid Ave., East Cleveland, OH 44112	Thursday, Oct. 3	10:00 a.m.	System Redesign/ Fare Equity
Cuyahoga Community College- Western Campus	11000 W. Pleasant Valley Rd., Parma, OH 44130	Thursday, Oct.r 3	3:00 p.m., 5:30 p.m.	System Redesign/ Fare Equity
Tower City Rapid Station	50 Public Square, Cleveland, OH 44113	Monday, Oct. 7	2:00 p.m.	System Redesign/ Fare Equity
Maple Heights Library	5225 Library Ln., Maple Hts., OH 44137	Monday, Oct. 7	6:00 p.m.	System Redesign/ Fare Equity

	Public Partici	pation Schedule		1
Collinwood Rec Center	16300 Lakeshore Blvd., Cleveland, OH 44110	Tuesday, Oct. 8	5:00 p.m.	System Redesign/ Fare Equity
Gunning Rec Center	16700 Puritas Ave., Cleveland, OH 44135	Weds., Oct. 9	5:30 p.m.	System Redesign/ Fare Equity
Michael J. Zone Rec Center	6301 Lorain Ave., Cleveland, OH 44102	Saturday, Oct. 12	10:30 a.m.	System Redesign/ Fare Equity
Southgate Transit Center	5491 Warrensville Center Rd., Maple Hts., OH 44137	Weds., Oct. 16	10:00 a.m.	System Redesign/ Fare Equity
Rocky River Don Umerely Civic Center, Memorial Hall	21012 Hilliard Blvd., Rocky River, OH 44116	Weds., Oct. 16	5:30 p.m.	System Redesign/ Fare Equity
Cleveland Heights Community Center	1 Monticello Blvd., Cleveland Hts., OH 44118	Monday, Oct. 21	5:30 p.m.	System Redesign/ Fare Equity
Cleveland Public Library- South Brooklyn Branch	4303 Pearl Rd., Cleveland, OH 44109	Tuesday, Oct. 22	5:00 p.m.	System Redesign/ Fare Equity
Lakewood Library- Madison Branch	13229 Madison Ave., Lakewood, OH 44107	Weds., Oct. 23	5:30 p.m.	System Redesign/ Fare Equity
Alpha Education Center	2820 E. 116th St., Cleveland, OH 44120	Thursday, Oct. 24	5:30 p.m.	System Redesign/ Fare Equity
Paratransit District		Monday, Oct. 28	3:00 p.m.	System Redesign/ Fare Equity
Hayden District		Monday, Oct. 28	5:00 p.m.	System Redesign/ Fare Equity
Rail District		Tuesday, Oct. 29	10:30 a.m.	System Redesign/ Fare Equity
Triskett District		Tuesday, Oct. 29	5:00 p.m.	System Redesign/ Fare Equity
CBM District		Weds., Oct. 30	11:30 a.m.	System Redesign/ Fare Equity

2020 Meetings:

Facility Name	Date	Time	Meeting Purpose
Cuyahoga County Suburban Mayors and Managers Association	9/24/2020		NEXT GEN RTA
Cleveland City Council Transportation Committee	9/30/2020		NEXT GEN RTA
RTA Community Advisory Committee	10/8/2020		NEXT GEN RTA
Cleveland Ward 15 Councilman Matt Zone	10/21/2020		NEXT GEN RTA
Virtual Community Engagement- Facebook Live (Northeast Zone)	10/26/2020	11:30 a.m.	NEXT GEN RTA
Mayor of Brooklyn, K. Gallagher	10/27/2020		NEXT GEN RTA
Cleveland Hts. Transportation Committee	10/28/2020		NEXT GEN RTA
Virtual Community Engagement- Facebook Live (Northwest Zone)	10/29/2020	5:00 p.m.	NEXT GEN RTA
Shaker Heights Mayor & Planning Director	11/3/2020		NEXT GEN RTA
Downtown Cleveland Alliance	11/5/2020		NEXT GEN RTA
Virtual Community Engagement- Facebook Live (Downtown Zone)	11/5/2020	11:30 a.m.	NEXT GEN RTA
Virtual Community Engagement- Facebook Live (Southeast Zone)	11/8/2020	4:00 p.m.	NEXT GEN RTA
Virtual Community Engagement- Facebook Live (Southwest Zone)	11/10/2020	11:30 a.m.	NEXT GEN RTA
Fairview Park City Staff	11/12/2020		NEXT GEN RTA
Cleveland City Planning Staff	11/12/2020		NEXT GEN RTA
Clevelanders for Public Transit	11/16/2020		NEXT GEN RTA
University Heights Mayor and Staff	11/16/2020		NEXT GEN RTA
Cleveland Councilman Hairston and Polensek and staff	11/24/2020		NEXT GEN RTA

Attachment C: The Title VI Board Presentation













Title VI Program Update

Operational Planning & Infrastructure Committee

January 10, 2023

Presentation Outline

- What is Title VI?
- What are the provisions of Title VI?
- What does this mean to GCRTA?
- Who is responsible for Title VI?
- What are the requirements for Title VI?



Title VI Civil Rights Act of 1964

"No person in the United States shall, on the grounds of race, color or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal Financial Assistance..."



Title VI Provisions

- As a federal grant recipient, GCRTA must comply with the FTA Circular 4702.1B and prepare a Title VI Program Update every three years.
- The Title VI Update must be presented and approved by the Board of Trustees.
- Failure to adopt the resolution may result in a finding by FTA which could impact and delay the approval of Federal Grants.



What does this mean to GCRTA?

- Our Vision is to service all customers regardless of their protected class
- Benefits and services are available and equitably distributed
- Level and quality of transit services are sufficient to provide equal access



What does this mean to GCRTA?

- Ensure customers have opportunities to participate in transit planning and decisionmaking process
- Decisions on the location of transit services and facilities are made consistent with the requirements of Title VI
- Corrective action is taken, when necessary to prevent discriminatory treatment



Who is Responsible?

- Board of Trustees
- General Manager/Chief Executive
 Officer (CEO)/Chief Civil Rights Officer
- Management and all employees



Who Implements Title VI?

Title VI Team

- Office of Equal Opportunity, ADA & DEI
- Marketing & Communications
- Programming & Planning
- Service Management



What are the Requirements?

Title VI Requirements consist of:

- General requirements
- Transit provider requirements



Title VI General Requirements

Title VI Notice to the Public in English and Spanish

Rights Under Title VI

Greater Cleveland Regional Transit Authority (GCRTA)

GCRTA operates its programs and services without regards to race, color, and national origin in accordance with Title VI of the Civil Rights Act. Any person who believes she or he has been aggrieved by any unlawful discriminatory practice under Title VI may file a complaint with GCRTA's Office of Equal Opportunity.

GCRTA is committed to providing equality of opportunity for employees, customers, and vendors and to complying with all appropriate Federal and State laws, rules and regulations pertaining to the treatment of minorities, women, disabled persons, and veterans in all facets of the Authority's activities. Any person who believes she or he has been discriminated against based on any unlawful discriminatory practices may file a complaint with GCRTA.

For more information on GCRTA's civil rights program or to file a complaint :

- Call (216) 356-3085
- Go to RideRTA.com/oeo/ Download the complaint, form and mail it to:

GCRTA, 1240 West 6th Street Cleveland, Ohio 44113-1331 Attn: Office of Equal Opportunity

- Come to our administrative office located at
 - 1240 West 6th Street, Cleveland, Ohio 44113-1331 and request a complaint form.
- If information is needed in another language call (216) 356-3085

Derechos bajo Título VI Greater Cleveland Regional Transit Authority (GCRTA)

GCRTA opera sus programas y servicios sin distinción de raza, color y origen nacional de acuerdo con el Titulo VI de la Ley de Derechos Civiles.

Cualquier persona que crea que ha sido perjudicada por alguna práctica discriminatoria ilegal bajo el Titulo VI puede presentar una queja ante la Oficina de Igualdad de Oportunidades de GCRTA. GCRTA se compromete a brindar igualdad de oportunidades a los empliados, clientas y proveedores y cumplir con todas las leyes, normas y reglamentos federales y estatales correspondientes al tratamiento de minorias, mujeres, personas discapacitadas y veteranos en todas las facetas de las actividades de la Autoridad. Cualquier persona que crea que ha sido discriminada en base a prácticas discriminatorias illegales puede presentar una queja ante GCRTA. Para obtener más información sobre el programa de derechos civiles de GCRTA o para presentar una queja:

- · Llame al (216) 356-3085
- Página de imemet a RideRTA.com/oeo y descargue el archivo de queja y envielo por correo a:

GCRTA, 1240 West 6th Street Cleveland, Ohio 44113-1302 A la atención de: Office of Equal Opportunity

 Venga a nuestra oficina administrativa. ubicada en

> 1240 Wesi 6th Street, Cleveland, Ohio 44113-1302 y solicite un formulario de queia.

 Si se necesita información en otro idioma, llame al (216) 356-3085.



What happens when a complaint is filed with the OEO?





Title VI General Requirements

- Community Advisory Committee (CAC)
- Language Assistance Plan
- Public Participation Plan



Transit Provider Requirements

- Analyze proposals to increase/decrease total service miles by 10 percent or more
- Analyze all proposals to change fares
- Monitor/assess service every three years
- Include the assessment results in the next Title VI Program Update to FTA



Transit Provider Requirements

- GCRTA service monitoring/assessment report complies with and follows the organization of FTA Circular 4702.1B.
- Comparisons are made to ensure that service levels on Minority/Low-Income ("MINLOW") routes are approximately the same as, or better than, on other ("NONMINLOW") routes



Example: Vehicle Assignment

- An average vehicle age for each category was calculated.
- Eight dates selected randomly from the period analyzed (2nd half of 2021).
- As indicated in the following table, vehicles assigned to MINLOW routes are newer, on average, than NONMINLOW routes.



TITLE VI

CHAPTER IV:

- E. Monitoring Procedures
- 1) Level of Sevice Methodology:
- B. Vehicle Assignment

ROUTE CATEGORY	AVERAGE AGE
MINLOW	6.70
NONMINLOW	11.19



Example: Vehicle Headway

- An average headway for each category was calculated.
- As indicated in the following table, MINLOW routes have shorter (i.e. better) average headways than NONMINLOW routes.

RTA

TITLE VI

CHAPTER IV:

- E. Monitoring Procedures
- 1) Level of Service Methodology
- C. Vehicle Headway

AVERAGE HEADWAY COMPARISONS

Route	Headways	
Category	Peak	Midday
MINLOW	31.82	32.81
NONMINLOW	37.50	45.00



Recommendation

The Title VI Program Update will be forwarded to the Board of Trustees for approval at the next January 31, 2023 meeting.

RIA

Questions



Attachment D: GCRTA Board Resolution 2023-7

Attachment E: Staff Summary & Comments

Attachment F: Board Meeting Minutes

Minutes

RTA Operational Planning & Infrastructure Committee

9:20 a.m. January 10, 2023

Committee Members: Welch (Chair), Moss (Vice)

Other Board Members: Koomar, Lucas, Weiss Not present: Biasiotta, Joyce, McCall, Pellot

Staff: Birdsong Terry, Bober, Brooks-Williams, Burney, Caver, Dangelo, Davidson, Feke, Fields, Fleig, Garofoli, Gautam, Jenkins, Johnson, Kirkland, Laule, Macko, McGervey, Miller, Mothes, Schipper, Talley, Tarka, Walker-Minor

Public: Embrescia, Gallagher, Gibbons, Jackson, Loh

The meeting was called to order at 9:20 a.m. Three (3) committee members were present. Mayor Weiss was appointed to the committee to establish a quorum.

Title VI Program

Presenters included Felicia Brooks Williams, Senior Manager of OEO, ADA & DEI and Jeffrey Macko, Planning Team Leader.

With the approval of this committee, a resolution will be presented to the Board at the Jan. 31. 2023 meeting. This will enable GCRTA to comply with the latest federal guidelines implementing Title VI of the Civil Rights Act of 1964.

Presentation Outline:

- What is Title VI?
- What are the provisions of Title VI?
- What does this mean to GCRTA?
- Who is responsible for Title VI?
- What are the requirements for Title VI?

Title VI Civil Rights Act of 1964 states that "No person in the United States shall, on the grounds of race, color or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal Financial Assistance..."

The intent of Title VI is to remove barriers and conditions that prevent minority, low income and persons with limited English proficiency from access to public goods and services. It promotes fairness and equity in federally assisted programs and activities. The Board received a copy of the Program Update. It consists of our policy, practice and analysis that illustrates how GCRTA ensures compliance with Title VI.

Title VI Provisions:

- As a federal grant recipient, GCRTA must comply with the FTA Circular 4702.1B and prepare a Title VI Program Update every three years.
- The Title VI Update must be presented and approved by the Board of Trustees.
- Failure to adopt the resolution may result in a finding by FTA which could impact and delay the approval of Federal Grants.

What does this mean to GCRTA?

· Our Vision is to service all customers regardless of their protected class

Operational, Planning & Infrastructure Committee January 10, 2023 Page 2 of 6

- Benefits and services are available and equitably distributed
- · Level and quality of transit services are sufficient to provide equal access
- Ensure customers have opportunities to participate in transit planning and decision-making process
- Decisions on the location of transit services and facilities are made consistent with the requirements of Title VI
- · Corrective action is taken, when necessary to prevent discriminatory treatment

Who is Responsible?

- · Board of Trustees
- General Manager/Chief Executive Officer (CEO)/Chief Civil Rights Officer
- Management and all employees

Who Implements Title VI?

Title VI Team:

- · Office of Equal Opportunity, ADA & DEI
- · Marketing & Communications
- Programming & Planning
- Service Management

What are the Requirements?

Title VI Requirements consist of:

- · General requirements
- Transit provider requirements

General requirements

One of the Title VI general requirements is to inform customers of their rights. This notice is posted on the GCRTA website at riderta.com/oeo and displayed on RTA vehicles and facilities. The Title VI Notice to the Public is in English and Spanish. Another requirement is to establish a complaint process. Any person who believes they have been discriminated against based on any protective class may file a complaint in the OEO within 180 days of the alleged incident. The complaint form is available at the Main Office and on the website.

The Community Advisory Committee (CAC) is also a general requirement. It serves as a non-elected committee. The CAC is comprised of representatives selected from public and private agencies, consumer groups, interested individuals and users of the transit system. They meet quarterly to discuss relevant issues pertaining to the transit operations and they work to increase citizens participation in the community.

A Language Assistance Plan (LAP) is another general requirement. It is managed by Marketing & Communications and Programming & Planning. The plan is to identify reasonable steps for providing language assistance to persons with limited English proficiency. The Plan also assist persons who use English as a second language. We provide assistance at Public Meetings, through telephone information and translate printed materials. The plan is reviewed every three years through a four-factor analysis. The analysis looks at the number of LAP individuals that GCRTA will encounter, the frequency, the importance and the resources available to assist them.

The last general requirement is for RTA to have a Public Participation Plan. The plan has been established to ensure no one is precluded from participating in the service plan and development process. The plan is managed by Marketing & Communications.

Operational, Planning & Infrastructure Committee January 10, 2023 Page 3 of 6

Transit Providers Requirements

- Analyze proposals to increase/decrease total service miles by 10 percent or more
- · Analyze all proposals to change fares
- · Monitor/assess service every three years
- Include the assessment results in the next Title VI Program Update to FTA.
- GCRTA service monitoring/assessment report complies with and follows the organization of FTA Circular 4702.1B.
- Comparisons are made to ensure that service levels on Minority/Low-Income ("MINLOW")
 routes are approximately the same as, or better than, on other ("NONMINLOW") routes

Example: Vehicle Assignment

- An average vehicle age for each category was calculated.
- Eight dates selected randomly from the period analyzed (2nd half of 2021).
- As indicated in the following table, vehicles assigned to MINLOW routes are newer, on average, than NONMINLOW routes.

TITLE VI

CHAPTER IV:

- E. Monitoring Procedures
- 1) Level of Sevice Methodology:
- B. Vehicle Assignment

ROUTE CATEGORY	AVERAGE AGE
MINLOW	6.70
NONMINLOW	11.19

Example: Vehicle Headway

- An average headway for each category was calculated.
- As indicated in the following table, MINLOW routes have shorter (i.e. better) average headways than NONMINLOW routes.

TITLE VI

CHAPTER IV:

- E. Monitoring Procedures
- 1) Level of Service Methodology
- C. Vehicle Headway

AVERAGE HEADWAY COMPARISONS

Route	Headways	
Category	Peak	Midday
MINLOW	31.82	32.91
NONMINLOW	37.50	45.00

The Title VI Program Update will be forwarded to the Board of Trustees for approval at the January 31, 2023 meeting. Mayor Koomar asked how CAC members are solicited and if they have terms. Dr. Caver said in the past the CAC members submitted an application that was reviewed by the CEO and a member of the Board who would then make member recommendations to the Board. That process

Operational, Planning & Infrastructure Committee January 10, 2023 Page 4 of 6

is being updated. There will be an application online with recommendations being made to the Board. President Lucas added that Ms. McCall agreed to be the Board liaison for the CAC. Albert Johnson is the new staff liaison. Mr. Johnson looks forward to working with the community and revamping the committee. Dr. Walker Minor added that Jose Feliciano was the previous staff liaison. They are excited about the work and energy the new liaison will bring to the committee. President Lucas said in 1964 he and his wife testified in favor of the Civil Rights Act of 1964. Ms. Birdsong Terry said the new plan will be rolled out to the Board shortly for approval.

Ms. Moss said she was happy to see that RTA's program exceeds the Title VI federal requirements which includes women and Vietnam veterans. It was moved by Ms. Moss, seconded by Mayor Weiss to move this to the full Board.

IFB Procurement for Light Rail Trunk Line from East 79th Station to Shaker Square

Presenters included Kathleen McGervey, Resident Engineer/Architect and Jonathan Laule, Program Contract Manager. This is part of an overarching program focusing on rejuvenating the rail system. Elements include the rail car purchase, reconstruction of track, catenary replacement and signal system replacement. This is the first project from the signal system replacement program.

Project Overview

The existing system was built in the 1920's. This project will replace this system. The equipment is old and impossible to obtain replacements and difficult to refurbish.

- Project Limits: East 79th Street to Shaker Square
- Service Impacts 6-week shutdown concurrent with East 75th Street Interlocking.
- The Engineer's Estimate was \$4,440,000.
- Branch lines to be Rehabilitated in Future Projects

This new project will replicate the existing 3 aspect signaling.

- New system will be compliant with modern requirements.
- Replace existing system with new system which replicates existing single direction running, 3 aspect signaling.
- Audio frequency track circuits will be used for train detection.
- A total of 7 new signal houses (6x6) will be required.

Procurement Overview

The Invitation for Bid (IFB) was issued October 24, 2022. It was accessed on the GCRTA website by 13 interested parties. Two (2) firms submitted a bid. The lowest responsive and responsible vendor is Clark Transportation Consulting & Services, LLC DBA Bison Rail Systems, Flemington, New Jersey. A 17% DBE participation goal was assigned to this project. Clark Transportation Consulting & Services, LLC DBA Bison Rail Systems is a certified DBE firm.

Firm Experience:

- Clark Transportation Consulting & Services, LLC DBA Bison Rail Systems has successfully completed projects for Amtrak, WMATA, and NYMTA, among others.
- Clark Transportation Consulting & Services, LLC DBA Bison Rail Systems is currently working various projects, including but not limited to, signal construction, positive train control testing, systems integration, and signal testing.

Operational, Planning & Infrastructure Committee January 10, 2023 Page 5 of 6

Staff requests that the Operational Planning and Infrastructure Committee recommend award to Clark Transportation Consulting & Services, LLC DBA Bison Rail Systems for the Trunk Line Signal System. The contract is in an amount not to exceed \$4,464,789.20.

Ms. Moss liked the competitiveness of this project. Ms. Birdsong Terry said these projects are part of our long-term Capital Plan. Mr. Schipper added that the rejuvenation of the rail system is important, and money is allocated to it. We are pursuing grants to do the work. We have programmatic items like the Light Rail Reconstruction. The signal system program will be a series of programs and projects over several years along with overhead and rail cars. Replacement will benefit safe operation on the rail system. Dr. Caver added that these projects take a lot of planning. Our teams work together to keep the system running.

Mr. Embrescia with IBEW Local 38 in Cleveland asked if the recommended vendor has the correct certifications to complete the work and if they have a list of subcontractors. Ms. McGervey said they expect to receive the subcontractor list and that all the contractor's references checked out. Ms. Birdsong Terry asks that additional questions be addressed offline and reported back to the Board. Ms. Schipper confirmed they will submit their subcontractor list. Ms. Dangelo said her staff performed their due diligence on all requirements. They are a certified DBE firm. Ms. Moss asked why the union is questioning the firm. Mr. Embrescia said the firm is not certified in construction. He requested the subcontractors list when available. Mayor Weiss asked for a visual update as to where the signal system has been replaced to date. Mr. Schipper said he would provide that information.

It was moved by Ms. Moss, seconded by Mayor Weiss and approved to move this to the full Board with the understanding that more information will be provided to the Board before the vote.

IFB Procurement for Bungalow Foundations for Light Rail Trunk Line Signaling Project

Presenters included Kathleen McGervey, Resident Engineer/Architect and Jonathan Laule, Program Contract Manager. This project will be in conjunction with the previous project. It will provide the bungalow foundations, excavations and other work.

Project Overview

- Project Limits: East 79th Street to Shaker Square
- This project provides signal bungalow foundations in support of Project 12D Trunk Line Resignaling
- Service Impacts 3-week shutdown in 2023 concurrent with East 75th Street Interlocking
- The Engineer's Estimate was \$360,000

Procurement Overview

This Invitation for Bid (IFB) was issued October 24, 2022 and was accessed on the GCRTA website by 12 interested parties. Three (3) firms submitted a bid. The lowest responsive and responsible vendor is Northeast Ohio Trenching Service, Inc., Cleveland, Ohio. A 23% DBE participation goal was assigned to this procurement by the Office of Business Development. Northeast Ohio Trenching Service, Inc. will achieve a 10.18% DBE participation and has completed the good faith efforts process, as required under CFR 49 Part 26.

Firm Experience:

- Northeast Ohio Trenching Service, Inc. has successfully completed projects for GCRTA, Geauga County Engineers, City of Elyria Engineers, among others.
- Northeast Ohio Trenching Service, Inc. is currently working on the Airport Tunnel & Sump Pump Station Repairs for the RTA.

Operational, Planning & Infrastructure Committee January 10, 2023 Page 6 of 6

Staff requests that the Operational Planning and Infrastructure Committee recommend award to Northeast Ohio Trenching Service, Inc. for the Bungalow Foundations for the Trunk Line Resignaling. The contract is in an amount not to exceed \$347,000.00. Mayor Weiss asked what the bungalow is. Ms. McGervey said it is the underline support.

It was moved by Ms. Moss, seconded by Mayor Weiss and approved to move to the full Board.

The meeting was adjourned at 10:00 a.m.

Rajan D Gautam Secretary/Treasure Theresa A. Burrage Executive Assistant



CODIFIED RULES AND REGULATIONS

OF THE

GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY

PART TEN - SERVICES CODE

TITLE TWO - Service Policy

Chap. 1010. General Provisions and Definitions.

Chap. 1011. Route Network Design.

Chap. 1012. Service Management.

Chap. 1013. Service Standards.

Chap. 1014. Service Policies.

Chap. 1024. Service Development/Approval/Implementation Process. (Repealed)

CHAPTER 1010 General Provisions and Definitions

1010.01 Purpose.

1010.02 Definitions.

PURPOSE.

The purposes of this service policy are:

- (a) To establish guidance for public transit service operation including network design, implementation, and monitoring; and
- (b) To ensure resources are utilized efficiently and produce the greatest value for the service area.

(Res. 2017-58. Passed 7-18-17.)

DEFINITIONS.

As used in this service policy:

- (a) "Adverse effect." A major geographical or time-based change in service which may include, but is not limited to, span of service changes, frequency changes, route segment extension or elimination, route alignment changes, increase or decrease in headways, or route creation or elimination.
- (b) "Block." Daily operation assignment of a bus.
- (c) "Community meeting." A publicized meeting, accessible via public transit, open to the public, and held within an Americans with Disabilities Act accessible meeting room for the purpose of gathering comments on a transit-related proposal. The requirements of Chapter 214, Public Hearing Process, do not apply.
- (d) "Facility." Any Authority-owned building.
- (e) "Fare change." Increase or decrease in the price of service.
- (f) "Fixed route." A transit route that is scheduled to operate over a specific alignment.
- (g) "Headway." Time interval between vehicles moving along the same road or track in the same direction.
- (h) "Major service change." Service change that increases or decreases total vehicle-miles of service by ten percent or more.
- (i) "Maximum load point." The location along a transit line where the greatest vehicle loads occur.
- (j) "Rush hours." The weekday hours from 6:00 to 9:00 a.m. and 3:00 to 6:00 p.m.

2018 Replacement

(a) "Public hearing." A community meeting that meets all requirements of Chapter 214, Public Hearing Process.

- (b) "Route deviation." A scheduled exception to the normal fixed route of a bus line in order to serve a specific activity center.
- (c) "Span of service." Number of hours and days when service operates. (Res. 2017-58. Passed 7-18-17.)

CHAPTER 1011 Route Network Design

1011.01 Objectives.

1011.02 Bus Stop Policy.

OBJECTIVES.

The objectives of the Authority's route network design are:

- (a) To maximize bus/rail interface opportunities;
- (b) To minimize route duplication;
- (c) Two-way service on a street is desirable;
- (d) Service should utilize the most direct routing possible:
 - (1) Deviations should not be considered unless there is a compelling reason such as a major activity generator.
 - A. Benefits of such deviations must outweigh disadvantages to passengers.
 - B. Factors to be considered include percentage of passengers benefitting from the deviation, the amount of time to make the deviation, and the additional costs.
 - (2) It is not appropriate to deviate into private development sites, except at a route terminus;
- (e) Route length should be limited by the ability to keep service operating on schedule; and
- (f) To the extent possible, schedules will be coordinated to facilitate transfers. (Res. 2017-58. Passed 7-18-17.)

BUS STOP POLICY.

- (a) Safety of customers and vehicles is the highest priority for bus stop placement, including relocating an existing bus stop or establishing a new bus stop.
- (b) Topography, vehicular traffic, land use, pedestrian activity, and street conditions will be considered in the placement of bus stops.
- (c) Bus stop spacing will seek a balance between customer preferences for a reasonably fast trip on the bus and a reasonably short walk to/from a bus stop.
- (d) Bus stop establishment, relocation, and removal will be at the discretion of the Authority for the betterment of its customers.

(a)	Bus stops are to be located close to signalized intersections and crosswalks when possible.
	(b) The CEO, General Manager/Secretary-Treasurer shall implement and publicize specific standards and guidelines for bus stops to implement this policy. (Res. 2017-58. Passed 7-18-17.)
	2018 Replacement

CHAPTER 1012 Service Management

1012.01 Monitoring of service utilization and productivity. 1012.02 Service Management Plan. 1012.03 Public involvement requirements for service changes.

MONITORING OF SERVICE UTILIZATION AND PRODUCTIVITY.

- (a) The CEO, General Manager/Secretary-Treasurer will monitor the utilization (ridership), productivity (boardings per bus/train hour), and overall network performance of bus and rail services at least annually.
- (b) To provide fair comparisons of bus route performance, bus routes are compared with other routes in the same category of service:
 - (1) Radial routes that travel to and from downtown (excluding Park-N-Ride);
 - (2) Crosstown routes that run entirely outside of downtown;
 - (3) Park-N-Ride routes that operate on freeways between downtown and Park-N-Ride lots;
 - (4) Trolley routes that operate a local service traveling entirely within a small, dense area. (Res. 2017-58. Passed 7-18-17.)

SERVICE MANAGEMENT PLAN.

- (a) An annual Service Management Plan ("Plan") will be submitted to the Board.
 - (1) The Plan will describe changes to fixed-route transit service that the Authority plans to implement within the next fiscal year.
 - (2) The Plan will contain, at minimum, the following sections:
 - A. Current Plans for service;
 - B. Bus Route Performance Summary by Route Category;
 - C. Bus Routes in the Bottom Quartile of Their Route Category.
- (b) Routes that perform in the bottom quartile of their route category will be analyzed for the following potential actions:
 - (1) Schedule adjustments;
 - (2) Service span adjustments;

- (3) Alignment changes;
- (4) Route discontinuance or consolidation with another route;
- (5) Seeking outside funding opportunities. (Res. 2017-58. Passed 7-18-17.)

PUBLIC INVOLVEMENT REQUIREMENTS FOR SERVICE CHANGES.

- (a) A public hearing shall be conducted when the Authority is considering a service frequency reduction if the frequency being considered is less than the policy standard in Section 1013.02, Vehicle Headway for Each Mode.
- (b) When considering a permanent removal of all rail service during any time period from a rail station, the following requirements apply:
 - (1) A public hearing shall be conducted if the time period is longer than two hours.
 - (2) Either a public hearing or a community meeting shall be conducted if the time period is longer than one hour.
- (c) When considering a permanent removal of all fixed-route transit service during any time period from a road segment, the following requirements apply:
 - (1) A public hearing shall be conducted if the time period is longer than two hours and the road segment is longer than one mile.
 - (2) Either a public hearing or a community meeting shall be conducted if the time period is longer than one hour and the road segment is longer than one-half mile.
- (d) Public involvement is not required for construction-related service changes, or for changes to special event or seasonal services, non-fixed route services, and subsidized services.
- (e) Any service can be discontinued or changed within thirteen months of implementation without public involvement.
- (f) The Authority recognizes that a series of small service reductions, each not requiring a public hearing, can have the effect of a single large service reduction that requires a public hearing. Therefore, to determine whether a public hearing is required, the contemplated change on a street segment or at a rail station shall be combined with all other changes made on that street segment or at that rail station since the more recent of two dates:

- (1) The date one year before the effective date of the contemplated change; or
- (2) The date of the last public-hearing-supported change.
- (g) A public hearing will be conducted in accordance with Chapter 214 for changes to service standards and/or policies not addressed above. (Res. 2017-58. Passed 7-18-17.)

CHAPTER 1013 Service Standards

1013.01 Vehicle load for each mode. 1013.03 On-time performance.

1013.02 Vehicle headway for each 1013.04 Service availability for each

mode. mode.

VEHICLE LOAD FOR EACH MODE.

(a) Adherence to the maximum load standards in the table below shall be monitored as follows:

- (1) Passengers are counted at the point on the route where most trips carry the highest load.
- (2) Passenger loads are averaged for thirty-minute intervals during rush hours and sixty-minute intervals during other time periods.
- (3) If one trip has an unusually high load, it shall be excluded from the average.

MAXIMUM LOAD STANDARDS Number of Passengers			
SERVICE TYPE	RUSH HOURS	NON-RUSH HOURS	
Park-N-Ride	54-63	49-57	
Regular Bus (approx. 40-ft.)	54	44	
Trolley (approx 30-35 ft.)	36	36	
Heavy Rail (per car)	142	117	
Light Rail (per car)	132	108	
Articulated bus (approx 60 ft.)	80	65	

(Res. 2017-58. Passed 7-18-17.)

VEHICLE HEADWAY FOR EACH MODE.

Service frequency is based on ridership, but, during each time period that a route operates, the minimum number of trips per hour per direction will be as follows:

<u> </u>	<u> 5 a.m 10 p.m.</u>	$\underline{\text{Other}}$
<u>Times</u> Ra	il * 2	1
Bus *	1	1

* = Does not apply to minor branches and special services

To maintain service coverage with limited resources, the Authority may make an exception to the minimums shown above. The Authority will conduct a public hearing before initiating such an exception.

(Res. 2017-58. Passed 7-18-17.)

ON-TIME PERFORMANCE.

- (a) The following standard applies to all modes:
 - (1) A trip is deemed "late" if it arrives or departs more than five minutes after the scheduled time.
 - (2) A trip is deemed "early" if it departs before the scheduled time.
 - (3) A trip is deemed "on-time" if it is neither "late" nor "early" as defined above.
- (b) The long-term goal is 100 percent "on time"; the near-term goal is eighty percent on-time.

(Res. 2017-58. Passed 7-18-17.)

SERVICE AVAILABILITY FOR EACH MODE.

- (a) Transit service availability is critical for providing access to jobs, education, medical care and other activities and opportunities necessary for quality of life.
- (b) ADA-certified residents who live within 3/4 mile of bus or rapid transit service can use complementary Paratransit service to access all other areas served by regular transit routes.
- (c) Ideally, 365-day bus or rapid transit service should be located near every Cuyahoga County resident. Rapid transit service includes rail and bus rapid transit service.
- (d) Resource limitations and low-density settlement patterns currently preclude realization of the ideal.
- (e) The Authority will provide 365-day public transit service within 3/4 miles of at least 60 percent of Cuyahoga County residents. Public transit service is any transit service open to the general public, including bus, rail, and bus rapid transit service. (Res. 2017-58. Passed 7-18-17; Res. 2018-31. Passed 3-27-18; Res. 2018-72. Passed 7-24-18.)

CHAPTER 1014 Service Policies

Transit amenities. Vehicle assignment. Disparate impact. Disproportionate burden. Facilities.

TRANSIT AMENITIES.

- (a) The Authority seeks to provide seating and shelter at bus stops and rail stations if sufficient space is available and fifty or more daily riders are expected to use the shelter. The Authority considers a canopy to be one form of passenger shelter. The Authority installs and services waste receptacles only on Authority property. Each municipality decides whether to install and service waste receptacles in the public right-of-way.
- (b) On Rail/BRT, printed and/or digital service information is attached to walls and shelters if they exist; digital displays are provided at busier stations. On bus routes, printed and/or digital service information is provided at transit centers and Park-N-Ride lots.
- (c) Elevators will be installed and maintained to the extent required by the Americans with Disabilities Act. Existing escalators will remain in service unless they become cost-prohibitive to maintain. (Res. 2017-58. Passed 7-18-17.)

VEHICLE ASSIGNMENT.

- (a) Euclid Corridor vehicles are specially designed for use on the HealthLine with its combination of left-side and right-side stations. These buses may not be utilized on any other route.
- (b) Standard articulated buses must be assigned to routes whose schedules have been built for high-capacity buses.
- (c) Over-the-road buses have narrow aisles, lack rear doors and are not well suited to regular transit routes where passengers board and alight at the same stop. These vehicles shall be assigned exclusively to Park-N-Ride routes.

- (d) Trolleys may be assigned only to the designated trolley services. These vehicles carry the "Trolley" brand and will create passenger confusion if utilized on other services.
- (e) Standard transit buses shall be assigned to all other routes based on block mileage. Newer buses have lower per-mile maintenance costs and shall therefore be assigned to higher mileage blocks. Care shall be taken to maintain compliance with Title VI (nondiscrimination) regulations.

(Res. 2017-58. Passed 7-18-17.)

DISPARATE IMPACT.

- (a) When considering a fare change and/or major service change, the Authority will conduct a fare and/or service equity analysis. If the fare and/or service equity analysis demonstrates a disparate impact on minority populations, the Authority will revise its plan and reanalyze impacts until analysis shows that the alternative(s) would not have a disparate impact.
- (b) Should the impact of any fare change cause the percent change in average fare for minority populations to exceed the percent change in average fare for non-minority populations by more than five percentage points, that impact will be considered a disparate impact.
- (c) Should the impact of any major service change require the minority population to bear adverse effects more than ten percentage points greater than those adverse effects borne by the non-minority population, that impact will be considered a disparate impact.
- (d) If no alternative can be found that would not have a disparate impact on minority populations, then the Authority may implement the least discriminatory alternative only if:
 - (1) The Authority has a substantial legitimate justification for the proposed fare and/or service change, and
 - The Authority can show that there are no alternatives that would have a less disparate impact on minority riders but would still accomplish the Authority's legitimate program goal.

(Res. 2017-58. Passed 7-18-17.)

DISPROPORTIONATE BURDEN.

(a) When considering a fare change and/or major service change, the Authority will conduct a fare and/or service equity analysis.

- (1) For the purpose of this policy, the Authority will include in the "low-income" category any person whose median household income is at or below the U.S. Department of Health and Human Services ("HHS") poverty guidelines and everyone whose total household income is less than twenty-five thousand dollars (\$25,000).
- (2) The Authority will periodically reconsider the twenty-five thousand dollar (\$25,000) threshold because of the effects of inflation.
- (b) Should the impact of any fare change cause the percent change in the average fare for low-income populations to exceed the percent change in the average fare for non-low-income populations by more than five percentage points, that burden will be considered a disproportionate burden.
- (c) Should the impact of any major service change require a low-income population to bear adverse effects more than ten percentage points greater than those adverse effects borne by the non-low-income population, that burden will be considered a disproportionate burden.
- (d) If the fare and/or service equity analysis demonstrates a disproportionate burden borne by low-income riders, the Authority will describe alternatives and will avoid, minimize, or mitigate impacts where practicable. (Res. 2017-58. Passed 7-18-17.)

FACILITIES.

- (a) When making decisions about facilities, the Authority will:
 - (1) Comply with Title VI of the Civil Rights Act of 1964 and all other applicable laws and regulations.
 - (2) Comply with the National Environmental Policy Act, 42 U.S.C. § 4321 et seq. and implementing regulations at 23 CFR Part 771 and with 23 CFR Part 774, Section 4(f).
 - (3) Comply with Section 106 of the National Historic Preservation Act, 54 U.S.C. 300101 et seq. and implementing regulations at 36 CFR Part 800.
 - (4) Evaluate the impact of facilities per Environmental Justice Executive Order 12898 (1994), DOT Order 5610.2(a) (May 2012) and FTA Circular 4703.1.
 - (5) Seek to avoid negative impacts on areas and neighborhoods near the facility.
- (b) Where negative impacts cannot be avoided, the Authority will seek to mitigate such impacts.

(Res. 2017-58. Passed 7-18-17.)

2018 Replacement

CHAPTER 1024

Service Development, Approval, Implementation Process (Repealed)

EDITOR'S NOTE: Chapter 1024 was repealed by Resolution 2003-068, passed May 20, 2003.

2004 Replacement

Greater Cleveland Regional Transit Authority

Fiscal Year 2022 Service Management Plan

Originally Distributed: November 16, 2021 REVISED: February 17, 2022

Operations Division
Service Management Department

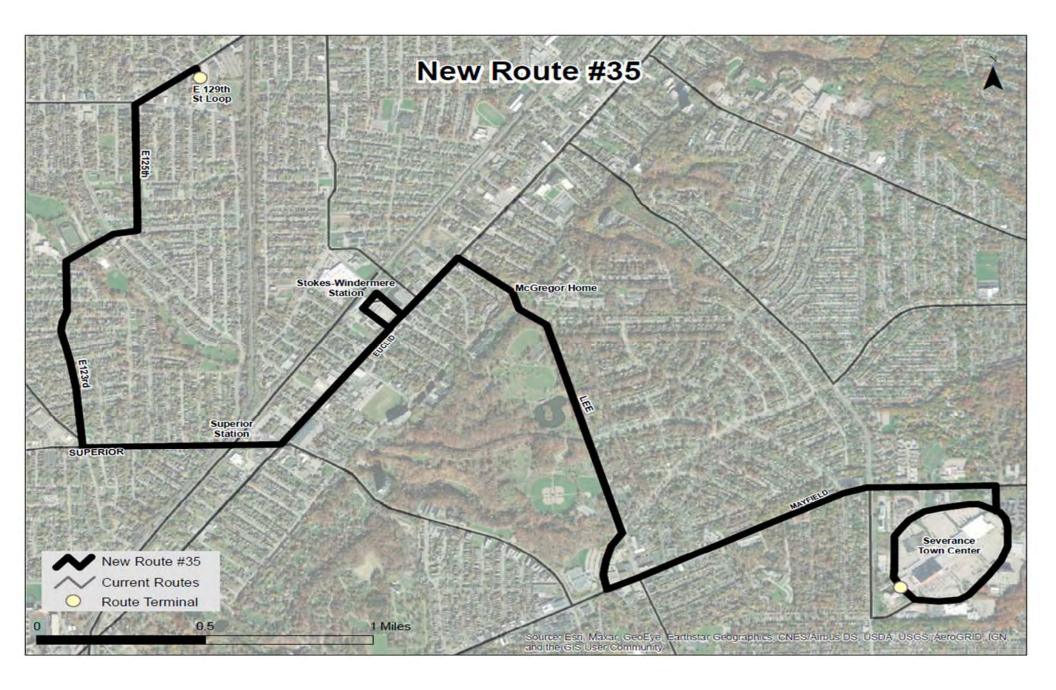


Section 2: Plans for 2022

RTA implemented the NEXT GEN RTA bus system redesign on June 13th, 2021. In December 2021, a new weekday daytime route (#35) was established, restoring the link between the MetroHealth Hospital at Severance Town Center and the Windermere Rapid Station and bus hub. The addition of Route #35 re-activated bus stops on E 123, Arlington, and E 125. (See route map "New Route #35" on next page)

Throughout 2022, staff will continue to monitor the NEXT GEN RTA system performance. In addition, staff will continue to make routine service adjustments as needed. For example:

- Service resources will be reallocated to offset detours and delays due to road and bridge construction projects.
- Adjustments will be made to accommodate major building construction projects including the new Sherwin-Williams headquarters.
- 3. Temporary service will be operated to support rail construction projects and major special events.
- 4. Staff will continue to adjust bus stops to improve safety and informational signs.
- 5. Staff will continue working to improve transit waiting environments, especially along priority corridors designated in the Strategic Plan.
- Efforts to improve systemwide service reliability will continue.



Section 4: Bus Routes in the Bottom Quartile of Their Route Category

By policy, RTA staff must identify every route whose utilization, measured in boardings per scheduled revenue vehicle hour (B/VH), is low in relation to other routes in its route category. Routes in the bottom quartile of each route category are listed below. The number in parentheses next to each route is the number of boardings per "scheduled revenue vehicle hour" (i.e., scheduled in-service vehicle hour) for the route. Detailed route performance statistics are included in the Appendix.

#7/7A Monticello (5)

Radial (Category Average = 13)	Crosstown/Feeder (Category Avg. = 11)
#53/53A MetroHealth - Broadview (9)	#86 Rocky River Dr - Bagley (6)
#25 Madison - Clark (8)	#83 Warren - W. 130 (6)
#90 Broadway - Libby (7)	#54 Brookpark - Rockside (5)

#77 Brecksville (5) #34 E. 200 - Green (5)

#71 Pearl - Tiedeman (7)

Appendix - Route Performance Tables

2nd Half 2021 Route Performance: Sorted By Boarding Per Revenue Vehicle Hour in Descending Order

1. Radial	Riders	ship by Route			Route Performance Indicators							
POLITE	D	0/ 0		Revenue		T	otal		Revenu	ie	Total	
ROUTE	Boardings	% Contribution	Trips	Hours	Miles	Hours	Miles	B/VT	B/VH	B/VM	B/VH	B/VM
HealthLine	758,158	16%	30,912	23,963	211,670	24,249	213,351	25	32	3.58	31	3.55
3 Superior	286,025	6%	22,656	16,586	155,038	16,752	156,001	13	17	1.84	17	1.83
1 St. Clair	271,550	6%	22,047	16,077	170,702	16,520	176,698	12	17	1.59	16	1.54
22 Lorain	387,483	8%	22,275	23,515	266,614	24,548	284,547	17	16	1.45	16	1.36
51/51A MetroHealth Line	382,942	8%	23,682	24,564	314,214	26,012	341,797	16	16	1.22	15	1.12
14/14A Kinsman	383,207	8%	23,488	27,931	355,165	29,581	393,321	16	14	1.08	13	0.97
26/26A Detroit	341,174	7%	22,174	27,096	330,613	27,981	346,960	15	13	1.03	12	0.98
11 Quincy - Cedar	198,240	4%	13,843	16,365	181,724	17,162	196,222	14	12	1.09	12	1.01
19/19A/19B Broadway	326,110	7%	23,203	27,276	352,961	29,250	407,300	14	12	0.92	11	0.80
9 Mayfield - Hough	228,355	5%	14,162	19,752	231,843	20,663	255,392	16	12	0.98	11	0.89
55/55B/55C Cleveland State Line	193,804	4%	12,694	17,907	267,121	20,064	320,040	15	11	0.73	10	0.61
15 Union - Harvard	273,114	6%	20,702	25,356	298,843	26,921	347,663	13	11	0.91	10	0.79
45 Ridge - Fulton	135,616	3%	12,779	14,133	158,645	14,776	171,916	11	10	0.85	9	0.79
39 Lakeshore	35,475	1%	3,302	3,756	56,961	4,863	81,195	11	9	0.62	7	0.44
8 Cedar - Buckeye	51,756	1%	5,774	5,623	46,328	5,907	51,677	9	9	1.12	9	1.00
53/53A MetroHealth - Broadview	70,161	1%	8,249	8,092	130,933	9,112	158,513	9	9	0.54	8	0.44
25 Madison - Clark	145,578	3%	13,699	18,411	210,899	18,959	220,136	11	8	0.69	8	0.66
90 Broadway - Libby	91,244	2%	10,815	13,134	229,946	13,988	252,803	8	7	0.40	7	0.36
71 Pearl - Tiedeman	95,007	2%	9,363	13,694	188,371	14,729	210,862	10	7	0.50	6	0.45
77 Brecksville	36,609	1%	8,174	8,077	158,985	8,732	175,866	4	5	0.23	4	0.21
	4,691,608	100%	323,993	351,306	4,317,576	370,771	4,762,260	14	13	1.09	13	0.99

B/VT Boardings per vehicle trip
B/VH Boardings per vehicle hour
B/VM Boardings per vehicle mile

Revenue Includes in-service and layover stats only.

Total Includes dead-head and other pull out/in stats.

Category specific contribution – not system-wide.

Appendix - Route Performance Tables

2nd Half 2021 Route Performance: Sorted By Boarding Per Revenue Vehicle Hour in Descending Order

2. Crosstown/Feeder	Riders	ship by Route			Route Performance Indicators							
DOUTE	D	D		Revenue		1	otal		Revenu	ie	Total	
ROUTE	Boardings	% Contribution	Trips	Hours	Miles	Hours	Miles	B/VT	B/VH	B/VM	B/VH	B/VM
41/41F Warrensville	405,844	19%	17,518	24,510	338,850	25,808	376,060	23	17	1.20	16	1.08
28/28A Euclid	263,823	13%	24,180	16,988	172,733	17,222	175,833	11	16	1.53	15	1.50
16 E.55	57,910	3%	4,341	4,195	46,965	4,563	57,629	13	14	1.23	13	1.00
10 E.105 - Lakeshore	413,801	20%	23,755	32,082	389,502	33,614	415,320	17	13	1.06	12	1.00
31 St. Clair - Babbitt	132,157	6%	14,516	10,829	122,913	10,887	123,241	9	12	1.08	12	1.07
40 Lakeview - Lee	137,499	7%	11,678	13,537	162,949	14,017	177,295	12	10	0.84	10	0.78
48 E.131	142,394	7%	14,518	14,175	132,113	15,007	143,568	10	10	1.08	9	0.99
78 W.117 - Puritas	109,425	5%	12,906	12,734	147,451	13,221	153,464	8	9	0.74	8	0.71
37 Hayden - E.185	68,403	3%	10,828	8,047	89,104	8,094	89,383	6	9	0.77	8	0.77
2 E.79	30,969	1%	3,810	3,757	46,173	3,943	51,660	8	8	0.67	8	0.60
94 E.260 - Richmond	48,427	2%	5,827	6,993	95,796	7,365	103,109	8	7	0.51	7	0.47
50 E.116	35,902	2%	5,406	5,341	53,558	5,533	55,653	7	7	0.67	6	0.65
18 W.98 - Garfield	66,664	3%	7,176	10,306	121,044	10,609	127,620	9	6	0.55	6	0.52
86 Rocky River Dr - Bagley	32,159	2%	5,520	5,471	85,924	5,732	91,228	6	6	0.37	6	0.35
83 Warren - W.130	71,730	3%	11,872	12,215	164,021	12,860	174,374	6	6	0.44	6	0.41
54 Brookpark - Rockside	30,305	1%	5,888	5,798	78,108	6,172	85,806	5	5	0.39	5	0.35
7/7A Monticello	36,604	2%	10,447	7,561	90,651	7,755	93,584	4	5	0.40	5	0.39
34 E.200 - Green	20,817	1%	3,937	4,329	55,243	4,509	58,692	5	5	0.38	5	0.35
	2,104,833	100%	194,123	198,867	2.393.098	206,913	2,553,519	11	11	0.88	10	0.82

B/VT Boardings per vehicle trip
B/VH Boardings per vehicle hour
B/VM Boardings per vehicle mile

Revenue Includes in-service and layover stats only.

Total Includes dead-head and other pull out/in stats.

% Contribution Category specific contribution – not system-wide.

Appendix - Route Performance Tables

2nd Half 2021 Route Performance

Bus System							100					-
	D	0/ 0		Revenue		T	otal		Revenu	ie	T	otal
	Boardings	% Contribution	Trips	Hours	Miles	Hours	Miles	B/VT	B/VH	B/VM	B/VH	B/VM
All Radial	4,691,608	67.12%	323,993	351,306	4,317,576	370,771	4,762,260	14	13	1.09	13	0.99
All Crosstown/Feeder	2,104,833	30.11%	194,123	198,867	2,393,098	206,913	2,553,519	11	11	0.88	10	0.82
251 Strongsville Park-n-Ride	20,702	0.30%	1,524	1,495	35,038	2,754	71,531	14	14	0.59	- 8	0.29
B-Line Trolley	52,703	0.75%	12,827	3,167	17,642	3,355	21,306	4	17	2.99	16	2.47
Uncategorized and Misc.	119,526	1.71%	10,406	6,876	77,234	7,358	86,929	N/A	N/A	N/A	N/A	N/A
	6,989,372	100%	542,873	561,711	6,840,588	591,151	7,495,545	13	12	1.02	12	0.93

B/VT Boardings per vehicle trip B/VH Boardings per vehicle hour B/VM Boardings per vehicle mile

Revenue Includes in-service and layover stats only.

Total Includes dead-head and other pull out/in stats.

Category specific contribution – not system-wide.

Attachment I: GCRTA Tracts ACS 2020

SortiD	1d2	Geographio Cuyahoga County, Ohio	Tract	TotalPop 1241475	Minority 556021	NonMinority 685454	%Minority 0.447871282	MIN_NONMIN	Total 547887	Lowincome 138714	NonLow 409173	%Lowincome 0.253179944	LOW_NONLOW	Total 441978		PerBelPov 0.252198571	POV_NONPO
		Census Tract 1093.01, Cuyahoga County, Ohio	1093.01	1487	1424	63	0.957632818	MIN	1006	770	236	0.765407555	LOW	2154		0.426183844 F	POV
		Census Tract 1096.01, Cuyahoga County, Ohio	1098.01	2454	2438	16	0.993490033		992	871	121	0.878024194		4540		0.206828194 7	
		Census Tract 1962, Cuyahoga County, Ohio	1962	3838	3725	113	0.970557582		1724	992	732	0.575406032		2762		0.340333092 8	
		Census Tract 1959, Cuyahoga County, Ohio Census Tract 1963, Cuyahoga County, Ohio	1963	4081 3937	292 334	3789 3603	0.07155109 /		1914	130	1784	0.067920585		1661		0.222155328 F 0.380368098 F	
		Census Tract 1967, Cuyahoga County, Ohio	1967	4570	2981	1589	0.652297593		1767	464	1303	0.262591964		2014		0.343594836 F	
		Census Tract 9801, Cuyahoga County, Ohio	9801	0	0	0		NONMIN	0	0	0		NONLOW	2784		0.324353448 F	
		Census Tract 9811, Cuyahoga County, Ohio	9811	0	0	0		NONMIN	0	0	0		NONLOW	2647	1251	0.472610502 F	POV
		Census Tract 1381.06, Cuyahoga County, Ohio	1381,06	2987	489	2498	0.163709407 (1258	289	969	0.22972973		2725		0.440366972 F	
		Census Tract 1117, Cuyahoga County, Ohio	1117	1256	1186	70 4454	0.9442675161	700	559	236	323 2239	0.422182469		1395 3303		0.347670251 F	
		Census Tract 1776.08, Cuyahoga County, Ohio Census Tract 1776.09, Cuyahoga County, Ohio	1776.08	5693 1806	1239	1689	0.217635693 (742	383	656	0.146071701		2721		0.263396912 8	
		Census Tract 1781.01, Cuyahoga County, Ohio	1781.01	2750	302	2448	0.109818182 1		1286	251	1035	0.195178849		3120		0.245833333 F	
		Census Tract 1781.02, Cuyahoga County, Ohio	1781.02	4278	1001	3277	0.233987845		2079	386	1693	0.185666186		1918		0.286235662 F	
		Census Tract 1791.01, Cuyahoga County, Ohio	1791.01	3731	1183	2548	0.317073171		1352	68	1284	0.050295858		2158		0.385078777 F	
	and the same of the same of the same of	Census Tract 1791.02, Cuyahoga County, Ohio	1791.02	2588	469	2119	0.181221021		931	72	859	0.077336198	ACCRECATE TO THE PARTY OF THE P	3442		0.330621732 F	the second
		Census Tract 1801.02, Cuyahoga County, Ohio	1801.02	3920	2216	1704	0.5653061221		1910	390	1420	0.215469613		3659		0.458321946 F	
		Census Tract 1801.03, Cuyahoga County, Ohio Census Tract 1811, Cuyahoga County, Ohio	1801,03	3471 6619	1980	6318	0.5704407951		1390	161	1229 2657	0.115827338		1787		0.453273643 F 0.299394606 F	
		Census Tract 1122, Cuyahoga County, Ohio	1122	1236	1214	21	0.982995951		433	183	250	0.422632794		2576		0.514751553 F	
		Census Tract 1812.01, Cuyahoga County, Ohio	1812.01	6033	756	5277	0.1253107911	1000	2694	507	2187	0.188195991		1463		D.116883117 N	
		Census Tract 1812.04, Cuyahoga County, Ohio	1812.04	4757	435	4322	0.0914441881	NONMIN	2303	288	2015	0.125054277	NONLOW	3208	657	0.204800499 P	POV
		Census Tract 1821.03, Cuyahoga County, Ohio	1821.03	2460	102	2358	0.0414534151		1128	104	1024	0.092198582		1567		0.342693044 F	
		Census Tract 1821.04, Cuyahoga County, Ohio	1821.04	2532	231	2301	0.091232227 1		1040	121	919	0.116346154		1157		0.227312014 F	
		Census Tract 1821.06, Cuyahoga County, Ohio	1821.06	3093 2783	306 1357	2787 1426	0.098933075 (1375	222	1153	0.161454545		1590 4265		0.254716981 F 0.41101993 F	
		Census Tract 1831, Cuyahoga County, Ohio Census Tract 1832, Cuyahoga County, Ohio	1832	2499	336	2163	0.134453782		914	24	890	0.026258206		3332		0.235894358 F	
		Census Tract 1833, Cuyahoga County, Ohio	1832	4068	655	3413	0.161012783		1504	50	1454	0.033244681		3195		0.469483568	
		Census Tract 1834.02, Cuyahoga County, Ohio	1834.02	1858	1633	225	0.878902045		738	110	628	0.149051491		2154		0.270669239 F	
		Census Tract 1835.01, Cuyahoga County, Ohio	1835.01	3000	1527	1473	0.509		1605	231	1374	0.143925234		2630	948	0.360456274 F	POV
		Census Tract 1154, Cuyahoga County, Ohio	1154	2226	1410	816	0.6334231811		892	386	504	0.434977578		4004		0.161088911 8	
		Census Tract 1157, Cuyahoga County, Ohio	1157	1455	543	512	0.648109966 (741	201	540	0.271255061		3084		0.201686122 8	
		Census Tract 1158, Cuyahoga County, Ohio	1158	2962	1794	1168	0.505671843		1185	636	553	0.53490328		3701		0.155363415 1	
		Census Tract 1159, Cuyahoga County, Ohio Census Tract 1163, Cuyahoga County, Ohio	1159	2962 1247	1707	1255	0.576299797		1298	422 479	876 291	0.325115562		4063 2983		0.162988773	
		Census Tract 1164, Cuyahoga County, Ohio	1164	2233	2210	23	0.999699955		850	419	431	0.492941176		3189		0.217309501 F	
		Census Tract 1165, Cuyahoga County, Ohio	1165	2422	2358	64	0.973575557		1325	705	620	0.532075472		3153		0.281636537 P	
39	39035116700	Census Tract 1167, Cuyahoga County, Ohio	1167	1779	1770	9	0.994940978	MN.	661	276	385	0.417549168	LOW	3561	377	0.105869138 #	NONPOV
		Census Tract 1169, Cuyahoga County, Ohio	1169	1318	1282	36	0.972685888		643	261	382	0.405909798	77.0	1575		0.09015873 8	
		Census Tract 1171.01, Cuyahoga County, Ohio	1171.01	2264	1908	376	0.8353765321		1219	436	783	0.357670221		2261		0.07120743 /	
		Census Tract 1172.01, Cuyahoga County, Ohio	1841.04	2927 1669	2092	935	0.714724974 1		2257 681	1697	560 568	0.751883031		3449		0.270223253 F	
		Census Tract 1841.04, Cuyahoga County, Ohio Census Tract 1841.05, Cuyahoga County, Ohio	1841.05	4041	1481	2560	0.350509287		1542	58	1484	0.165932452		1596		0.513816926 F	
		Census Tract 1841.06, Cuyahoga County, Ohio	1841.06	2121	751	1370	0.354078265		823	103	720	0.125151883		1290		0.353488372 F	
		Census Tract 1841.08, Cuyahoga County, Ohio	1841.08	7244	2320	4924	0.320265047		2527	213	2314	0.084289672	NONLOW	1336	668		
47	39035185101	Census Tract 1851.01, Cuyahoga County, Ohio	1851.01	3068	2893	175	0.942959583 (MIN	1109	159	950	0.143372408	NONLOW	4586	2922	0.637156563 R	POV
		Census Tract 1851.02, Cuyahoga County, Ohio	1851.02	2441	1236	1205	0.506349857		1169	237	932	0.202737382		1482		0.66194332 8	
		Census Tract 1851.03, Cuyahoga County, Ohio	1851.03	2127	1049	1075	0.493182887		925	219	706	0.236756757		1942		0.951596292 F	
		Census Tract 1851.04, Cuyahoga County, Ohio	1851.04	3451 1993	1671	1780 428	0.484207476 (1100	1485 771	188 164	1297	0.126599327 0.212710765		2454 2825		0.876935615 F 0.44920354 F	
		Census Tract 1852.01, Cuyahoga County, Ohio Census Tract 1852.02, Cuyahoga County, Ohio	1852.02	4716	2675	2041	0.567217981		1974	438	1536	0.221884498		1032		0.299418605 F	
		Census Tract 1174, Cuyahoga County, Ohio	1174	1470	1244	226	0.846258503 (694	349	345	0.502881844		1307		0.456006121 F	
		Census Tract 1175, Cuyahoga County, Ohio	1175	2520	2375	145	0.9424603171	MIN	1340	657	683	0.490298507	LOW	1247	463	0.371291099 F	POV
55	39035117600	Census Tract 1176, Cuyahoga County, Ohio	1176	3452	2682	770	0.776940904	MIN	1727	489	1238	0.283149971	LOW	1210		0.523966942 F	
		Census Tract 1177, Cuyahoga County, Ohio	1177	5864	3612	2252	0.615961801		2803	1247	1556	0.444880485		1204		0.437707641 F	
		Census Tract 1178, Cuyahoga County, Ohio	1178	2353	1952	401	0.829579261		703	316	688	0.314741036		1465		0.627986348 F	
		Census Tract 1182, Cuyahoga County, Ohio	1182	2015	2015	215	0.89238512	MIN	1072	300 682	403 390	0.426742532		1110		0.380057803 F	
		Census Tract 1186.02, Cuyahoga County, Ohio Census Tract 1861.03, Cuyahoga County, Ohio	1961.03	4558	1613	4000	0.1224221151		1924	129	1795	0.63619403		2196		0.836976321 F	
		Census Tract 1861.04, Cuyahoga County, Ohio	1861.04	2602	181	2421	0.0695618751		1158	104	1054	0.089810017		2226		0.443845463 F	
62	35035186105	Census Tract 1861.05, Cuyahoga County, Ohio	1861.05	3641	288	3353	0.0790991491		1662	164	1498	0.098676294	NONLOW	1455	313	0.215120275 F	POV
		Census Tract 1861.06, Cuyahoga County, Ohio	1861.06	4708	1221	3487	0.259345794		2473	372	2101	0.150424586		2945		0.443803056 F	
		Census Tract 1861.07, Cuyahoga County, Ohio	1861.07	6500	646	5854	0.0993846151		2529	129	2400	0.051008304		2962		0.251519244 F	
		Census Tract 1862.01, Cuyahoga County, Ohio	1862.01	5378	527	4851	0.097991819		2184	299	1885	0.136904762		1247		0.328789094 F	
		Census Tract 1862.02, Cuyahoga County, Ohio Census Tract 1862.03, Cuyahoga County, Ohio	1862.02	4102 3559	372 621	3730 2938	0.09068747 (1400	111	1370	0.065875371		2178		0.309458219 F 0.413294798 F	
		Census Tract 1862.05, Cuyahoga County, Ohio	1862.05	5193	727	4466	0.1399961491		2051	169	1882	0.08239883		1970		0.247208122 F	
		Census Tract 1862.06, Cuyahoga County, Ohio	1862.06	4434	601	3833	0.135543527		1425	118	1307	0.082807018		1779		0.269814503 F	
70	39035187103	Census Tract 1871.03, Cuyahoga County, Ohio	1671.03	2996	1921	1075	0.641188251	MIN	1192	100	1092	0.083892617		2216	852	0.384476534 F	POV
71	39035187104	Census Tract 1871.04, Cuyahoga County, Ohio	1871.04	2773	823	1950	0.29679048 (- Constitution	1259	118	1141	0.093725179		1309	2-2	0.262032086 F	
		Census Tract 1731.04, Cuyahoga County, Ohio		4158	623	3535	0.149831651		1958	321	1637	0.163942799		2284		0.465411559 F	
		Census Tract 1731.06, Cuyahoga County, Ohio		3812	1917	1895	0.502885624		1743	216	1527	0.123924269		922 2786		0.301518438 F	
		Census Tract 1741.83, Cuyahoga County, Ohio Census Tract 1741.84, Cuyahoga County, Ohio	1741.03	2573 2376	129	2210	0.050136028		1137 823	113	916 710	0.194371152		1645		0.536570567 5	
		Census Tract 1741.04, Cuyanoga County, Onio	1741.07	3863	297	3566	0.06986532		1634	176	1458	0.107711138		2438		0.449138638 1	
		Census Tract 1742.04, Cuyahoga County, Ohio	1742.04	3681	418	3263	0.113556099		1374	117	1257	0.085152838		1470		0.333333333	
10.0		Census Tract 1742.05, Cuyahoga County, Ohio		4951	1150	3901	0.232276308		2223	390	1833	0.175438596		2520		0.38452381	
79	39035174206	Census Tract 1742.06, Cuyahoga County, Ohio	1742.06	2864	1363	1511	0,472415291	MIN	1122	204	918	0.181818182	NONLOW	3452	892	0.258400927	POV
		Census Tract 1742.07, Cuyahoga County, Ohio		3045	560	2485	0.183908046		1231	251	960	0.203899269	111111111111	5641		0.269101223	
		Census Tract 1054, Cuyahoga County, Ohio	1054	3195	2253	942	0.705164319		1378	717	661	0.520319303		2340		0.24017094 (
		Census Tract 1056.02, Cuyahoga County, Ohio	1056.02	2630	1764	866	0.670722433		1121	571	550	0,509366637		2585		0.262282398 8	
8.2			4555	1000					-								
82 83	39035105700	Census Tract 1057, Cuyahoga County, Ohio Census Tract 1059, Cuyahoga County, Ohio	1057	4004 3084	2166 757	1838	0.540959041		2204 1446	1024 352	1190	0.4646098		1809		0.18684356 8	

86 39005106200 Cerniss Traci 1062, Cayahaga Cashiy, Ohiz 87 39005106800 Cerniss Traci 1066, Cayahaga Cashiy, Ohiz	1082	4063 3218	1843	2220 1920	0.45360671 MIN 0.403266122 NONMIN	1304	372	1207	0.236592147 NONLOW 0.27607362 LOW	1828 2238	913 0.499452954 POV 988 0.441163511 POV
85 39035105900 Cerreus Traci 1059, Cuyehoga County, Chip	1069	3561	1237	2324	0.347374333 NONMIN	1852	353	1499	0.190804752 NONLOW	1231	301 0.244516653 POV
89 39035175201 Corean Tract 1752.01, Cayahoga County, Ohe		6339	1065	5274	0:168007572 NONMIN	2724	259	2465	0.005080754 NONLOW	2796	825 0.295064378 POV
90 39035175202 Cerreux Tract 1752.02, Cuyahaga County, Ohe		3309	379	2930	D.114536114 NONMIN	1438	155	1283	0.107788595 NONLOW	1393	465 0.333511917 POV
91 39035176100 Corner Tract 1761, Cayahoga County, Ohio	1761	2367	100	2179	0.079425433 NONMIN	824	54	840	G 080402885 NDNLOW	2269	293 0.129131776 NONPO
92 39035176200 Corean Tract 1762, Cayatega County, Otros	1782	5000	710	4979	0.12480225 NONMIN	2016	248	2367	0.094837478 NONLOW	1797	686 0.381747357 PQV
93 39035177101 Corosas Tract 1771.01, Cuyahoga County, Ohio	1771.01	4571	1999	2812	0.415506132 NONMIN	2152	353	1799	0.164033457 NONLOW	1785	408 0.228571429 POV
94 39035177103 Corner Tract 1771.03, Cayahaga County, One	1771-05	4429	1268	3161	0.288294875 NONMIN	1941	454	1487	0.233900052 NONLOW	2411	839 0,347988387 POV
95 39035177104 Cornus Tract 1771.04, Cuyahoga County, Ohio		3120	241	2579	0.173397456 NONMIN	1353	291	1042	0.218304576 NONLOW	1907	424 0.324407039 POV
95 39035138107 Comun Tract 1381.07, Cayahoga County, Olic		1963	423	1530	0.216589882 NONMIN	847	137	710	0.161747344 NONLOW	3200	545 0.18983484 NONP
97 39035161000 Cornus Traci 1610, Cayahaga County, Ohio	1610	1639	205	1434	D. 125076266 NONSKIN	727	503	677	DIDSETTSTUT NONLOW	1558	ede o atmostopos Prov
98 39035177304 Corese Tract 1773.64, Cuyahoga County, Ohe	1773.04	3711	1179	2532	0.317704123 NONMIN	1568	308	1260	D.196428871 NONLOW	1380	451 0.325395825 POV
99 39035178201 Consue Tract 1782.01, Cuyuhaga County, Ohio	1782.01	3109	440	2602	0.141524606 NONMIN	1498	341	1157	0.227636849 NONLOW	1979	880 0.434582911 POV
100 39035178204 Carrest Tract 1782.04, Cayelloga County, Ohio		5264	2679	2605	6.907002271 MIN	2281	-611	1670	0.267864972 LOW	1787	558 0:312255178 POV
101 59035177302 Ceresan Tract 1773.02, Cuyahoga County, Ohio		2388	395	1993	0.165410385 NONMIN	1043	151	892	0.144774688 NONLOW	2169	454 0.209313047 POV
102 39035177303; Cerwan Tract 1773.03; Cuywnoga Courty, Ohio		6470	750	3720	0.167785235 NONMIN	2203	437	1766	0.198365865 NONLOW	1316	574 0.436170213 POV
103-29035177403 Cernus Tract 1774.83, Cuyahoga County, Ohio		2603	391	2412	8.1294924 NONMIN	1155	194	961	0.167965368 NONLOW	1579	436 0.278124129 POV
104 39035177404 Conset Tract 177439, Cuyetoga County, Chro		3060	1836	1224	D.S. MIN	1097	206	892	0.186873291 NONLOW	2178	678 0.311294766 POV
105 29035177405, Cierrean Tract 1774.05, Cleywhoge Clearly, Gha		4036	926	3710	0.199741156 NONMIN	1930	174	1756	0.09015544 NONLOW	2130	1044 0,498140845 POV
106 39035177406. Cernsis Tract 1774/05, Cuyehage County, Ohio		3686	419	3217	0.113673359 NONMIN	1426	75	1351	0.05259467 NONLOW	1954	389 0.201137539 POV
107 39035177501 Corean Tract 1775.01, Cuyahiga County, Ohio		4070	341	3729	0.083783784 NONMIN	1884	373	1511	0.197983015 NONLOW	1056	356 0.333958724 POV
108 39035177503. Cerreze Tract 1775.03, Cayahoga Courty, Ohio	1275.03	3252	378	2874	0.116236162 NONMIN	1409	169	1240	0.119943222 NONLOW	2013	890 0.44212618 POV
109 39035177504 Cornus Traci 1775.64, Cuyahaga County, Ofice	1775.04	3892	279	3613	0.071685509 NONMIN	1660	227	1433	0.136746958 NONLOW	1804	611 0.338691796 POV
110 39035177505 Densus Traci 1775.05, Cuyahoga County, Ohio		4076	364	3712	0.059303238 NONMIN	1779	234	1545	0.13153457 NONLOW	2462	529 0.214565963 POV
111 39005177604 Corean Tract 1776.04, Cuyahoga Courty, Ohio		1971	210	1761	0.106544901 NONMIN	843	59	744	0.117437722 NONLOW	2297	631 0.274706138 POV
112 39035177605 Densus Trict 1776.65, Cuyahopa Courty, Ohio		2736	413	2323	0.150950292 NONMIN	1026	103	923	0.100389864 NONLOW	4610	990 0.20824296 POV
13 29035180104 Corner Traci 1801 84, Cuywhopa County, Ohio		2985	2430	555	0.814070352 MB4	1602	632	970	0.394506866 LOW	1502	341 0.227030828 POV
114 39005140301 Correse Tred 1403.01, Caywhoga Courty, One		2344	2274	70.	0.970136519 MIN	max .	235	595	0.282112845 LOW	1195	435 0.364016736 POV
15 39035120702 Cereve Tract 1207.62, Daywhiga County, Ohio		1579	1576		D.999386888 MIN	906	225	365	0.364586459 LOW	3076	864 0.280884265 POV
16 39035183606 Ceresan Traci 1836.06, Cuyahoga County, Ohio		1893	1073	750	0.595119246 MIN	706	86	620	0.121813031 NONLOW	1809	548 0.302929795 POV
117 39035174205 Cierrius Traci 1742.63, Cuyahoga County, Ohio	1742.03	2612	220	2392	0.084226646 NONMIN	1110	61	1049	0.054954955 NONLOW	1771	265 0.151326934 NONP
118 39005340900 Corsess Tract 3409, Cuyahoga County, Ohio	1409	1982	1303	679	0.657416751 ARM	817	128	691	0.154222768 NONLOW	2443	183 0.8749079 NDNP
119 39005188107 Census Traci 1881.07, Caywraga Courty, Ohio		2688	2594	74	0.972263858 NIN	1227	374	453	0.304808476 LOW	2748	411 0.149583319 NONP
120 29035141802 Census Traci 1416.62, Cuyahoga Cisany, Ohis	1416,02	1433	986	477	0.867331891 MW	580	139	461	0.205172414 NONLOW	3841	473 0.129909366 NONE
121 39035173105 Cornus Traci 1731.05, Cuyahaga County, Ohis	1731.06	2188	320	1565	0.146252285 NONMIN	853	104	789	0.116461366 NONLOW	3548	1052 0.296505073 POV
22 39035116800 Census Tract 1165, Cuyahops County, Ohio	1.165	2218	2226	-10	1.004512635 MW	1077	552	485	0.549675025 LOW	.E736	451 0.168\$64469 NONP
123 39035106900. Cerwan Tred 1065, Cayehopa County, Ohio	1065	3153	1849	1304	0.586425626 MRV	1362	561	201	0.411894275 LOW	3356	467 0.139153754 NONP
124 39035181203 Ceresus Tract 1812.03, Cayahoga Coursy, Ohio	1812.03	2706	82	2644	0.022912047 NONMIN	1199	114	1085	0.095079233 NONLOW	2724	851 0.312408223 POV
125 59035124100 Consus Tricti 1241, Cuyahopa County, Otio	1241	6513	4221	2292	0.648085439 MIN	2627	510	2117	0.1941378 NONLOW	2661	375 0.140924464 NONP
126 39035183604 Cernas Tricl 1836.04, Caywhoga Courty, Ofre	1636.04	2195	1715	483	0.780254777 MIN	930	144	786	0.15483871 NONLOW	2478	112 0.04519774 NONP
127 59035194500 Census Tract 1945, Cuyahaga County, Otro	1945	2142	239	1903	9.111577985 NONMIN	766	94	672	0.122715405 NONLOW	2422	1752 0.723389116 POV
125 39005119702 Consus Tract 1197.02, Cuyahaga County, Ohio		1307	1218	91	0.930374904 MIN	897	315	382	0.451936872 LOW	3236	679 0.271631644 POV
129 39035189109 Consus Tract 1891.09, Cayahaga County, Ohio	1891.09	3669	560	3109	0.152630144 NONMIN	1541	200	1341	0.129785853 NONLOW	6613	1761 0.270382312 POV
130 59035160300 Cureus Tract 1603, Cayahoga County, Ohio	1603	1696	200	1496	0.117924528 NONMIN	369	128	741	0.147295742 NONLOW	2260	394 0.174336283 POV
131 39035140302 Cereas Tract 1403.02, Cayahaga County, Ohio		2284	1717	567	0.751751313 MIN	1028	287	741	0.279182879 LOW	1476	225 0.153061224 NONP
132-39035178206 Cicroux Tract 1782.05; Cayahoga County, Ohio		2630	533	2097	0.202661597 NONMIN	1161	209	952	0.180017227 NONLOW	4355	719 0.163966073 NONP
133-29005106500 Cereus Tred 1065, Cuyehoga County, Otto	1065	2015	1181	1434	0.451625239 MW	1152	253	869	0.245659722 NONLOW	3964	1082 0.272956609 POV
134 39035177201 Census Tract 1772.01, Cuyahoga County, Ohio	1772.01	3765	554	3211	0.147144754 NONMIN	1495	245	1251	0.163770063 NONLOW	3911	1193 0.305037075 POV
135 39035118800 Cereas Tred 1188, Cayahiga Coarty, Otto	1188	2657	1179	1475	0.443733554 NONMIN	1571	927	644	D.590070019 LOW	2609	739 0.283250287 POV
136 59035120600 Cersus Tract 1205, Cayahaga County, Ohio	1206	2169	2206	-36	1,01669751 MRI	1031	413	612	0.406401552 LOW	2545	683 0.20475352 POV
137 39035171206 Contest Tract 1712.06, Cayahoga County, Ohio		2076	792	1264	0.38150259 NONMIN	1023	214	509	0.209185861 NONLOW	4295	141 0.032828871 NONP
136 39035140100 Cereion Traci 1401, Cayahaga County, Chie	1401	1400	1096	305	0.782142857 MIN	873	110	463	0.191972077 NONLOW	4172	100 0.023969319 NONP
39 39035141700 Curisus Traci 1417, Cayahaga County, Ohio	1417	1439	372	1067	0.258512858 NONMIN	613	26	587	0.042414356 NONLOW	2693	121 0.033676593 NONP
140 39035178205 Census Tract 1782.05, Cuyahopa County, Ohio		1865	330	1535	0.1769437 NONMIN	691	72	619	0.104196816 NONLOW	3026	71 0.023471074 NONP
141 39035160802 Census Tract 1606.02; Cayehoga County, Ohis		3074	1395	1679	0.453800116 MW	1519	336	1183	0.221198157 NONLOW	4267	155 0.036325287 NONP
142 39035171104 Census Tract 1711.04, Cayahoga County, Ohio		5119	4877	442	0.913655011 AW	1987	541	1465	0.272269753 LOW	3889	206 0.052969915 NONP
143-39035185203: Correse Traci 1852.03, Cuyahtiga Citurny, Ohis		3653	1321	2332	0.361620586 NONMIN	1344	218	1126	0.162202381 NONLOW	2701	169 0.062569419 NONP
144 39035105900. Census Tract 1055, Cuyahoga Cestrly, Onic	1065	2164	1898	256	0.881151346 KWN	876	501	377	0.570615034 LOW	4243	596 0.140466651 NONP
45 39035119402 Census Traci 1194.02, Cuyshiga County, Ohio		1393	1381	12	0.991385499 MIN	742	357	355	0.521563342 LOW	5077	434 0.128516435 NONP
46 39005140702 Census Trect 1407.02, Cuyehoga County, Ohio		2052	1541	511	D.750974659 MIN	793	317	476	0.399747793 LOW	3120	180 0.051282051 NONP
47 39035152703 Cereus Traci 1527.03, Cayahoga County, Ohio		1635	989	646	D.804892988 MIPI	719	112	607	0.155771905 NONLOW	1804	346 0.191796009 POV
48 39035101300 Census Tract 5013, Dayshops County, Ohio	1013	1798	1018	760	0.56615465 MIN	972	383	589	0.394032922 LOW	5183	488 0.153314483 NONP
149 29035182105 Correan Tract 1821.05, Cuywhoga County, Ohio		3512	103	3409	0.029328018 NONMIN	1417	150	1267	0.105857445 NONLOW	2403	605 0.252184769 POV
50 39005121401 Cerean Traci 1214.01, Cuyanega Courty, Ohio		1835	1812	23	0.98746594 MIN	852	268	384	0.411042945 LOW	1458	145 0.099451303 NONP
51 39035123900 Census Tract 1239, Cayahaga County, Ohio	1239	3334	1418	1916	0,425314937 NONMIN	1316	388	948	0.279636268 LOW	3068	42 0.0136897 NONP
52 39035112100 Ceresse Traci 1121, Cayahaga County, Ohio	1121	1392	1377	15	0.989224138 MW	852	658	176	0.788461538 LOW	3606	548 0.151968941 NONP
153 39035123502 Densus Traci 1235/02, Cuyahoga County, One		2730	1162	1568	0.425641026 NONMEN	1403	512	801	0.364932288 LOW	2196	121 0.055100182 NONP
54 39035102402 Census Traci 1024 82, Cayahoga County, Ohio		3442	2838	604	0.824520628 MIN	1196	450	746	0.376254181 LOW	3399	472 0.139027982 NONP
155 39035158102 Census Tract 1551.02, Cuyahapa Courty, Ohio		2992	110		0.036764706 NONMIN	1224	78	1146	0.06372549 NONLOW	2548	469 0.184065934 POV
56 39035177806 Census Tract 1778.05, Cuyahopa Courny, Ohio		3513	942	2571	0.268146883 NONMIN	1502	264	1235	0.175765646 NONLOW	2316	203 0.087651123 NONP
157 39035177607 Census Traci 1776.07 Cayahoga County, Ohio		3421	593	3728	0.155194975 NONNIN	1643	443	1200	0.769628728 LOW	4216	102 0.024199288 NONP
58 39035183502 Correan Tract 1835.02, Cuyahaga County, Ohio		3494	1320	2174	0.377790498 NONMIN	1515	230	1285	0.151815182 NONLOW	5153	365 0.070832525 NONP
199 39035183903 Census Trici 1836.03, Cuywhoga Ceursy, Chic		1349	1290	89	0.956263839 K/RV	532	88	444	0.165413534 NONLOW	1692	12 0.007092199 NONP
160 39035154103 Cornea Tract 1841.03, Caywhoga Courny, Ofec		4897	1173	3724	0.239534409 NONMIN	1610	317	1493	0.072870507 NONLOW	5823	91 0.019600891 NONP
61 39035175105 Census Tract 1751.05, Cuyshoga County, Otes		4655	248	4405	0.053264605 NONWIN	1803	117	1686	0.064891647 NONLOW	6259	35 0.005591948 NONP
162 39035175106 Cereus Traci 1751.05, Caywhoga Coardy, Ofice		2639	57	2562	0.021599091 NONMIN	990	63	927	0.063636364 NONLOW	2993	215 0.07183428 NONP
63 39035177202 Consus Tract 1772.02, Cayahoga County, Ohio		2914	369	2545	0.126630062 NONMIN	1248	281	967	0.225160256 NONLOW	3958	O 0 NONP
164 39035103902 Cerese Tract 1036.02, Ceyetoga County, Otio		5402	1133	2219	D.333039389 NONNIN	2010	666	1344	0.331343284 LOW	2453	387 0.157765001 NDNP
165 39035104800 Cersius Tract 1045, Cayahaga County, Ohio	1048	1637	509	728	0.656284056 MW	700	203	497	0.29 LOW	4017	610 0 151854618 NONP
		4575	2076	2297	0.474731306 MIN	1580	104	1478	0.065822785 NONLOW	4272	323 0.075608614 NONP
	1112.02	1032	758	274	0.734498124 MPI	551	222	329	0.402903811 LDW	1416	261 0.184452297 PQV
167 39035111202 Cermie Tract 1112.02, Cuyahega County, Otto											
167 39335111202 Census Tract 1112.02 Cuyahega Ceursy, Ohio 168 39035152303 Census Tract 1623.03, Cuyahega Ceursy, Ohio	1523.00	3476	1360	2107	0.303545408 NONMIN	1755	574	1181	0.327061527 LOW	2987	
167 39035111202 Census Tract 1112.02 Cayahega Ceanly, Chic 168 39035152303 Census Tract 1523.03, Cryshöga Ceanly, Chic 169 39035189106 Census Tract 1891.08, Cayahega Ceanly, Chic	1523.03	3476 4590	753	4097	0.155257732 NONMIN	1866	183	1683	0.09807074 NONLOW	1953	179 0.091653866 NONP
166 36035107101 Cemse Tract 1071.01. Daywings County, Ohio 167 36035111202 Cemse Tract 1112.02. Caywings County, Chic 168 36035562333 Cemse Tract 1821.03. Caywings County, Chic 169 36035562106 Cemse Tract 1891.08, Caywings County, Chic 170 36035562110 Cemse Tract 1891.10, Caywings County, Chic 171 36035582111 Cemse Tract 1891.11, Caywings County, Chic 171 36035582111 Cemse Tract 1891.11, Caywings County, Chic	1523.00 1891.08 1891.10	3476									425 0.142283227 NONPO 179 0.091653866 NONPO 434 0.106543919 NONPO 396 0.097657213 NONPO

172 39005190502 Cerese Tract 1905.02, Caywloga Coarry, Otto	1905.02	1927	75	1849	0.040477428 NONMIN	1200	411	789	0.3425 LDW		0 NONPOV
175 39005190503 Cereus Tract 1905.03, Cuyahoga Coursy, Otro	1905.03	1617	295	1319	0.184291899 NONMIN	596	39	557	0.065436242 NONLOW	1391	138 0.099209202 NONPOV
174 39035122100 Coreus Tract 1221, Cayahoga County, Ohio	1221	3207	3164	43	0.98659183 MIN	1386	494	892	0.386421356 LOW	2344	788 0.335324232 POV
175 39035122200 Cirresa Tract 1222, Cayahaga County, Ohio	1222	1815	1745	76	0.961432507 MIN	879	291	582	5.33333333 LOW	2264	303 0.132661996 NONPOV
176 39035123100 Cerean Tract 1231, Cayahoga County, Ohio	1231	2471	123	2348	0.049777418 NONMIN	1195	142	1056	0.118530885 NONLOW	3266	655 0.199330493 POV
177 39035123400 Corresp Tract 1234, Cayahoga County, Ohio	1234	3641	645	2996	0.177149136 NONMIN	1656	371	1285	0.224033816 NONLOW	3207	524 0.163392579 NONPOV
178 39035123501 Cerreys Tract 1235.01, Cayahoga County, One	1235.01	3545	1936	1612	0.545659526 MIN	1361	375	986	0.275532697 LOW	1965	153 0.143661972 NONPOV
179 39035123601 Consus Tract 1236.01, Cayahoga County, Otro	1236.01	3356	1400	1956	0.41716329 NONMIN	1356	256	1100	0.15579056 NONLOW	2109	680 0.322427891 POV
180 39035123802 Corean Tract 1236.02, Cayelinga Courty, Ofto	1236.02	2862	1042	1810	0.365357844 NONMIN	1433	524	202	9.365666434 LDW	2052	925 0.450779727 POV
181 39035123603 Corress Triot 1236.03, Cayahoga Courty, Otrio	1236.03	2690	562	2125	0.208921933 NONMIN	1443	333	1110	0.230769231 NONLOW	3455	654 0.187661406 PDV
182 39035123700 Cereus Tract 1237, Cuyahoga County, Ohio	1237	2544	829	1716	0.32586478 NONMIN	996	132	864	0.13253012 NONLOW	1979	256 0.129358262 NONPOV
183 39035124202 Current Tract 1242.82, Currence County, Oftio	1242.02	1685	-003	1005	0.404020853 NONMIN	704	265	441	0.373579545 LOW	G2G -	275 -0.395114943 POV
184 39035124300 Corese Tract 1243, Cayafega County, One:	1243	4408	2851	1575	0.64253291 MW	1730	432	1295	0.249710983 NONLOW	3744	1030 0.275108838 POV
185 39035124500 Cerese Tract 1245, Cayahoga County, Ohio	1245	5972	2652	1320	0.667673716 MIN	1646	446	7398	0.27217497 LOW	2679	244 0.084889588 NONPOV
186 39035124600 Consus Traci 1246, Cayahoga County, Ohio	1246	3911	1642	2069	0.470979289 MIN	1797	725	1072	0.403450195 LDW	2639	371 0.130679817 NONPOV
187 39035128100 Coress Tract 1261, Cayafega Ciranty, Ones	1261	2776	2621	255	0.90514121 MIN	1394	635	769	0.455523673 LOW	2362	122 0.051651143 NONPOV
188 39035130104 Coneus Tract 1301.04, Cayahoga County, Otro	1301.04	4172	234	3938	0.056088207 NONMIN	1476	54	1422	0.036585366 NONLOW	1529	115 0.07191995 NONPOV
189 39035131103 Corress Tract 1311.03, Caywhoge County, Otio	1311.03	4273	773	3500	0.180903347 NONMIN	1513	96	1415	0.084771976 NONLOW	1463	70 0.04784659 NONPOV
190 39035151104 Census Traci 1311.04, Cayahoga County, Otto	1311.04	4467	1206	3261	0.269979852 NONMIN	2034	473	1561	0.232546706 NONLOW	1433	320 0.223307746 POV
191 39005132100 Currius Traci 1321, Cavahous County, Ohio											
	1321	4253	2909	1444	0.868474959 MIN 0.466927978 MIN	2067	519	1545	0.251085534 NONLOW	1421	112 0.078817734 NONPOV 638 0.318204489 POV
192 39005132302 Census Tract 1323.82, Cayahoga County, Otro	1323.02	1805	841	264	ACCORDING THE RESERVE	913	274	639	0.300109629 LOW	2005	Committee of the commit
193 39035133104 Consus Tract 1331.04, Cuyshaga County, Otio	1331.04	2414	2137	277	0.835252603 MW	1692	779	920	0.458505003 LIDW	1111	517 0.465346635 POV
194 39035134203 Consus Trict 1342.03, Cayahoga County, Ofrio	1342.03	3068	589	2479	0.191981747 NONMIN	1154	49	1085	0.059792028 NONLOW	1670	485 0.290419162 POV
195 39035134205 Correse Tract 1342.05, Cuyahoga County, Otio	1342.06	2202	143	2059	0.064940983 NONMIN	992	117	875	0.117943548 NONLOW	1791	808 0.451144612 POV
196 39035154300 Cornus Tract 1343, Cuyahopa County, Ohio	1343	4374	977	3397	0.223365341 NONMIN	1063	206	675	0.192059095 NONLOW	1877	566 0.301545019 POV
197 39035135103 Census Tract 1351.03, Cuyshoga County, Ofre	1351.03	2316	212	2104	0.091537133 NONMIN	1263	167	1086	0.133280128 NONLOW	950	355 0.373684211 POV
198 39035135104 Cereas Tract 1351.04, Cayshega Ceanly, Ohio	1351.04	4215	243	3972	0.057651246 NONMIN	1586	56	1530	0.035308953 NONLOW	1952	953 0.488217213 POV
199 39035107701 Consus Tract 1077.01, Cuyahoga County, Ohio	1077,01	3449	1312	2137	0.380400116 NONMIN	2353	574	1779	0.243943901 NONLOW	1251	380 0.303756994 POV
200 29035175109 Census Tract 1751.09, Cuyshoga County, Ofre	1751.09	2208	263	1945	0.119112319 NONMIN	981	taa	881	0.101936799 NONLOW	1778	510 0.286839145 POV
201 39035175110 Census Tract 1751.10, Cayahega County, Ohio	1751.10	4924	700	4224	0.142160845 NONMIN	2373	235	2138	0.099030763 NONLOW	2272	110 0.648415493 NONPOV
202 39035190506 Cereus Tract 1905.05, Cuyahoga County, Ofrio	1905.06	4597	390	4207	0.084837938 NONMIN	1918	149	1729	0.098540146 NONLOW	2000	266 0.069652941 NONPOV
203 39035172105 Cerese Tract 1721.05 Cayahaga County, Ohio.	1721.06	3603	1311	2292	0.363863447 NONMIN	2003	525	1498	0.259515571 LOW	2829	1056 0.278401871 PQV
204 39035152905 Cerese Trect 1525.05, Cayehoge County, Ofree	1526.06	5350	3771	1579	0.704859813 NW	2547	525	1722	0.323910463 LDW	3961	765 0.193133047 POV
205 59035160604 Cerese Tract 1606.04, Cuyenage County, Otio	1606.04	5421	865	2556	0.252850044 NONMIN	2521	789	1792	0.312971043 LOW	2172	473 0.217771839 POV
208 29035136104 Centus Traci 1361.04, Caywhoga County, Otro	1361.04	2993	973	2020	0.325091881 NONMIN	1277	127	1190	0.09945184 NONLOW	4100	725 0.176829268 POV
207 39035197700 Corese Tract 1977, Carefrege County, One:	1977	3216	2266	950	0.704510109 MIN	1487	461	904	G 316403569 LDW	5478	457 0.13147295T NONPOV
205 39035197800 Coreas Tract 1975, Cayatega Coastly, Ohio	1978	3415	1041	2374	0.304831825 NONMIN	1965	262	1703	0.13333333 NONLOW	1838	596 0.324265506 POV
	The Real Property lies and the Control of the Contr				1.030312000 MIN				CANADA CONTRACTOR AND A SECURIOR SECURI	-	960 0.261011419 POV
209 39035197600 Census Traci 1976, Cuyahopa County, Chip 210 39035196900 Census Traci 1965, Cuyahopa County, Chip	1976	3134	5229	-95	Transport and and Little	1237	598	639	0.483427648 LOW 0.56587202 LOW	5678	
	1965	3746	1786	1960	0.476775227 MIN	797	451	346	0.474184783 LOW	2073	274 0.132175591 NONPOV
211 39035197900 Coreus Traci 1979, Cayahoga County, Ohio	1979	1750	1060	690	0.806714286 MIN	736	349			5350	839 0.19682243 NONPOV
212 39005197400 Coreus Tract 1974, Cayahoga County, Ohio	1974	3065	1986	1679	0.541882674 MIN	1682	548	1134	0.325802616 LOW	1874	704 0.375667022 POV
213 39035136105 Census Tract 1361.05, Cuyahoga County, Ohio	1361.05	3958	295	3692	0.087205659 NONMIN	1651	26	1625	0.015748031 NONLOW	2484	376 0.15136876 NONPOV
214 39035160603 Census Tract 1606.03, Cayahoga County, Ofrio	1606.03	1496	218	1278	0.145721925 NONMIN	1070	444	626	0.414953271 LOW	1534	118 0.078923077 NONPOV
215 39005197300 Cereus Tract 1973, Cayahoga County, Ohio	1973	3487	1331	2156	0.38170347 NONMIN	1661	472	1189	0.284186165 LDW	2274	183 0.080474934 NONPOV
216 39035197500 Cereus Tract 1975, Cayahaga County, Ohio	1975	3690	1604	2086	0.434688347 NONMIN	1879	518	1361	0.275678552 LOW	3004	149 0.049600533 NONPOV
217 39035199200 Census Tract 1992; Cayahopa County, Ohio	1992	1704	1652	52	0.969483568 MW	761	236	425	0.44152431 LOW	3301	482 0.146016359 NONPOV
218 39005199000 Census Tract 1990, Cayahoga County, Ohio	1990	1291	1270	21	0.98373354 MIN	564	244	340	0.417808219 LOW	5/8210	90 0.023560209 NONPOV
219 59035117203 Consus Traci 1172.03, Cayahoga County, Ohio	1172.03	1668	1287	381	0.771582734 MIN	854	320	534	B.37470726 LOW	3742	645 0.172367718 POV
220 39035197200 Cerean Traci 1972, Cayahoga County, Ohio	1972	2061	1953	108	0.947598253 MIN	960	456	474	0.50625 LOW	1982	504 0.256880734 POV
221 39035198100 Census Tract 1981, Cuyshops County, Otio	1981	2309	1821	488	0.788653097 MRM	936	396	539	0.423529412 LØW	1329	291 0.219457014 POV
222 39005198700 Cereus Tract 1987, Cayahaga County, Ohio	1987	2120	2085	35	0.985490556 MIN	830	416	423	0.495828367 LOW	2783	388 0.139417894 NONPOV
223 39035198800 Consus Tract 1988, Cayahoga County, Ohio	1988	2186	2141	45	0.979414456 NIN	931	607	324	0.651987111 LDW	5109	626 0.20199421 POV
224 39035161900 Cereus Tract 1619, Cuyuhopa County, Ohio	1619	2530	145	2382	0.058493024 NONMIN	1484	229	1255	0.154312968 NONLOW	2741	324 0.118205035 NONPOV
225 39005114800 Census Tract 1145, Cayahoga County, Ohio	1168	2196	2196	D	1 MIN	834	620	214	0.743405276 LOW	4742	632 0.133277098 NONPOV
	1985	1567	1957	10	0.993618379 MIN	700	274	426	0.391428571 LOW	2950	717 0.243050847 POV
226 39035198500 Carmus Fract 1985, Cayahaga County, Ohio 227 39035198600 Carmus Fract 1985, Cayahaga County, Ohio	1900	4557	3942			2175	1230	945		4132	
227 39035198600 Census Tract 1986, Cayahapa County, Ohio		200		615	0.865042791 MW				0.564738292 LIOW	1,77	779 0.188528558 POV
225 39035195200 Coreus Tract 1952, Cayahoga Coonty, Ohio	1982	3573	2625	-48	0.986565911 MIN	1775	854	921	0.481126761 LOW	5378	25 0.017654559 NONPOV
229 39035199300 Cerese Tract 1993, Cayahopa County, Ohio	1993	2223	2152	71	0.968061179 NIN	957	525	432	0.548582342 LOW	2991	79 0.826412571 NONPOV
230 39035175107 Comus Traci 1751.07, Cuyahoga County, Otro	1751.07	3460	309	3151	0.089306358 NONMIN	1357	109	1248	0.080024245 NONLOW	1439	13 0.009034051 NONPOV
231 39035131105 Ceresas Traci 1311.05, Cayahaga County, Otro	1311.05	2887	1463	1424	0.506754416 MIN	1238	155	1083	0.125201939 NONLOW	5726	70 0.0122206F NONPOV
232 39035981000 Coreus Traci 9510, Cuyahaga County, Ohio	9510	0	0	D	0 NONMIN	0	0	0	NONLOW	1779	54 0.030354132 NONPOV
233-39035175108 Consue Tract 1751.88, Cayahoga County, Otro:	1751.05	2644	1240	1404	0.468906384 MIN	1530	344	1186	0.224856501 NONLOW	2259	183 0.879947575 NONHOV
234 39035199100 Cereus Tract 1991, Cayahaga Cearly, Ohio	1001	2070	2060	10	0.995169082 MIN	961	649	512	0.467321844 LDW	1696	280 0.16509434 NONPOV
235 39035172104 Ceresus Tract 1721.04, Cayahoga County, Ofres	1721.04	1549	1161	388	0.749515877 MIN	779	36	723	0.071887035 NONLOW	3220	227 0.070496894 NONPOV
235 39035198300 Careus Fract 1983, Cayahoga County, Ohio	1983	3999	5055	144	0.963990998 MIN	1771	717	1054	0.404856014 LEW	5767	436 0.11574197 NONPOV
237 39035197000 Careas Tract 1970, Cayafega Cearty, Ohio	1970	3005	2700	305	0.898502496 MIN	1488	301	1187	0.202284946 NONLOW	3009	875 0.290794284 POV.
235 39035190505 Centus Tract 1905.05, Cuyahoga County, Ofric.	1905.05	6132	414	5718	0.067514677 NONMIN	1946	19	1927	0.009763618 NONLOW	1496	413 0.276069519 POV
239 39035980200 Coreus Tract 9502, Cayahopa County, Ohio	9802	0	0	0.	O NONMIN	0	0	0	NONLOW	5421	530 0.15492546 NONPOV
240 59035980900 Corress Tract 9509, Cavahoos County, Ohio	9309	0	o o	0	O NONMIN	0	.0	9	NONLOW	3603	320 0.091350271 NONPOV
241 39035196000 Census Trict 1990, Cayahopa County, Ohio	1960	1683	994	689	0.590612002 MIN	723	90	633	0.124481328 NONLOW	1630	124 0.075655858 NONPOV
242 39005101901 Census Tract 1019.01, Cuyahoga Courty, Otro	1019.01	1395	813	582	0.582795859 MIN	552	169	363	0.30015942 LOW	3354	142 0.042337507 NONPOV
243 39035121403 Ceresa Tract 1214.03, Cayahoga County, Ohio	1214.03	2462	2567	-105	1.042645253 MIN	1183	405	776	D 342349958 LOW	2641	241 0.001253313 NONPOV
244 39035134100 Cerman Tract 1341, Cayahoga County, Ohio	1341	1610	687	923	0.426708075 NONMIN	706	134	571	0.190070922 NONLOW	2915	511 0.175300172 POV
245 39035101501 Cerrais Tract 1015.01, Cayahaga County, Otro. 245 39035980500 Cerrais Tract 9805, Cayahaga County, Ohio		2026	1372	654	0.877196448 MIN	#92	424	468	0.475336323 LOW	3225	171 0.053023256 NONPOV
AND JORGEOGRAPHIC LARRIES Tract 9505, Cavandos County, Otto	9805	0	0		O NONMIN	0	0	0	NONLOW	3715	455 0.117092867 NONPOV
	1082.01	1596	793	603	0.496867168 MIN	940	402	538	0.427659574 LOW	1954	442 0.228202961 POV
247 59035108201 Census Tract 1052.01, Cayahoga County, Ohio		3189	2858	331	0.896205707 MIN	1267	658	602	0.519337017 LOW	2526	118 0.046714173 NONPOV
247 39035108201 Consus Tract 1052.01, Cayahoga County, Ohio 248 39035196400 Consus Tract 1964, Cayahoga County, Ohio	1964	100000000000000000000000000000000000000			1.060348162 MIN	626	584	42	0.932907348 LOW	2836	130 0.045855379 NONPOV
247 39035108201 Census Tract 1052.01, Cayahoga County, Ohio 245 39035196400 Census Tract 1964, Cayahoga County, Ohio 249 39035109701 Census Tract 1097.01, Cayahoga County, Ohio	1964	2585	2741	-156							178 0.038975257 NONPOV
247 39035108201 Cernson Frect 1082.01, Cayahoga Cearry, Ohio 248 30035108400 Cernson Frect 1984, Cayahoga Cearry, Ohio 249 30035108701 Cernson Frect 1097.01, Cayahoga Cearry, Ohio 250 3003510901 Cernson Frect 109.01, Cayahoga Cearry, Ohio	1964	2585 2825	1494	1331	0.528849558 MIN	1297	512	785	0.394757132 LOW	4567	
247 39035108201 Census Tract 1052.01, Cayahoga County, Ohio 245 39035196400 Census Tract 1964, Cayahoga County, Ohio 249 39035109701 Census Tract 1097.01, Cayahoga County, Ohio	1964	2585				1297 1939	512 952	785 987	0.394757132 LOW 0.490974729 LOW	4967 2126	61 0.02889238 NONPOV
247 39035108201 Cernson Frect 1082.01, Cayahoga Cearry, Ohio 248 30035108400 Cernson Frect 1984, Cayahoga Cearry, Ohio 249 30035108701 Cernson Frect 1097.01, Cayahoga Cearry, Ohio 250 3003510901 Cernson Frect 109.01, Cayahoga Cearry, Ohio	1964 1097.01 1109.01	2585 2825	1494	1331	0.528549658 MIN						
247 39035108301 Cernas Frest 1082.01, Crysthoga County, Orio 248 39035108400 Cernas Frest 1984, Ceyathoga County, Orio 249 39035109701 Cernas Frest 1097.01, Ceyathoga County, Orio 250 3903510901 Cernas Frest 1109.01, Ceyathoga County, Orio 251 39035107802 Cernas Frest 1978.02, Ceyathoga County, Orio 252 39035198100 Cernas Frest 1981, Ceyathoga County, Orio	1964 1097,01 1109,01 1078,02 1961	2585 2825 3855 2404	1494 2536 516	1331 1320 1888	0.528549558 MIN 0.657587549 MIN 0.214642253 NONMIN	1939	962 293	987 868	0.490974729 LOW	2126	61 0.02889238 NONPOV 120 0.032414911 NONPOV
247 39035108301 Cerneur Frest 1982.01, Cayahoga County, Ohio 248 39035198400 Cerneur Tract 1987.01, Cayahoga County, Ohio 249 39035108701 Cerneur Tract 1997.01, Cayahoga County, Ohio 250 39035110901 Cerneur Tract 1109.01, Cayahoga County, Ohio 251 39035198100 Cerneur Tract 1978.02, Cayahoga County, Ohio 252 39035198100 Cerneur Tract 1981, Cayahoga County, Ohio 253 39035108100 Cerneur Tract 1981, Cayahoga County, Ohio	1964 1097.01 1109.01 1078.02 1961 1083.01	2585 2825 3855 2404 1461	1494 2536 516 1123	1331 1320 1888 328	0.528549558 MIN 0.657587549 MIN 0.214642263 NONMIN 0.775496236 MIN	1939 1161 715	962 293 331	987 865 384	0.490974729 LOW 0.252368648 NONLOW 0.462937063 LOW	2126 3702 4047	61 0.02869238 NONPOV 120 0.032414911 NONPOV 700 0.17296763 POV
247 39035108301 Cernsus Fract 1082.01, Cayshoga County, Onio 248 39035108400 Cernsus Fract 1984, Cayshoga County, Ohio 249 39035108701 Cernsus Fract 1097.01, Cayshoga County, Ohio 250 3903510901 Cernsus Fract 1109.01, Cayshoga County, Ohio 251 39035109802 Cernsus Fract 1981, Cayshoga County, Ohio 252 39035108100 Cernsus Fract 1981, Cayshoga County, Ohio 253 39035108100 Cernsus Fract 1981, Cayshoga County, Ohio 254 39035108701 Cernsus Fract 1087.01, Cayshoga County, Ohio	1964 1097.01 1109.01 1078.02 1961 1083.01 1087.01	2585 2825 3855 2404 1461 4749	1404 2536 516 1133 4317	1331 1320 1888 328 432	0.52849558 JUN 0.857587549 JUN 0.214642263 NONMIN 0.775496235 JUN 0.909033481 JUN	1161 715 1760	962 293 331 1248	987 868 384 512	0.490974729 LOW 0.252368648 NONLOW 0.462937083 LOW 0.709090909 LOW	2126 3702 4047 2822	61 0.02889238 NONPOV 120 0.032414911 NONPOV 700 0.17296763 POV 732 0.259390503 POV
247 39035108201 Census Trect 1082.01, Cayshega Ceursy, Ohio 248 30035108400 Census Trect 1984, Cayshega Ceursy, Ohio 249 30035108701 Census Trect 1907.01, Cayshega Ceursy, Ohio 250 3003510901 Census Trect 1109.01, Cayshega Ceursy, Ohio 251 3903510902 Census Trect 1178.02, Cayshega Ceursy, Ohio 252 30035108100 Census Trect 1981, Cayshega Ceursy, Ohio 253 30035108301 Census Trect 1981, Cayshega Ceursy, Ohio 254 39035108701 Census Trect 1083.01, Cayshega Ceursy, Ohio 254 39035108701 Census Trect 1087.01, Cayshega Ceursy, Ohio	1964 1097.01 1109.01 1078.02 1961 1083.01 1087.01 1181.01	2585 2825 3855 2404 1461	1494 2536 516 1123	1331 1320 1888 328	0.528549558 MIN 0.657587549 MIN 0.214642263 NONMIN 0.775496236 MIN	1939 1161 715	962 293 331	987 865 384	0.490974729 LOW 0.252368648 NONLOW 0.462937063 LOW	2126 3702 4047	61 6.02869238 NONPOV 120 0.032414911 NONPOV 700 0.17296763 POV

56 39035195800 Census Tract 1955, Cayahopa County, Ohio 59 39035195800 Census Tract 1955, Cayahopa County, Ohio	1958	4733 3594	4348 613	2881	0.881410908.WIN 0.220088827 NONMIN	2582 1421	413 53	2139 1365	0.161833856 NONLOW 0.837297678 NONLOW	2951	152 0.039584477 NONP 240 0.115606936 NONP
90 39035101603 Ceresa Fract 1016.03, Caywhoga County, Office	1016.03	2784	2075	709	0.74535048 MIN	986	442	543	0.44E730964 LDW	2390	399 0.168943807 NONP
61 39035127501 Cerese Traci 1275.81, Cayahoga County, Ohio	1275.01	2975	2864	113	0.962689076 ARN	1242	394 848	848 424	0.317230274 LOW	2045 1549	131 0.043021346 NONP
62 39035198400 Centus Tract 1984, Cayahaga County, Ohio 65 39035198900 Centus Tract 1989, Cayahaga County, Ohio	1984	2821	2737 1420	549	0.970223325 MIN 0.721178283 MIN	1272	598	297	0.868686867 LDW 0.868156425 LDW	3450	32 0.020658489 NONP 364 0.087106017 NONP
84 39035197100 Consus Tract 1971, Cuyahoga County, Onio	1971	4018	1630	2368	0.405674465 NONMIN	1616	182	1434	0.112623762 NONLOW	3558	123 0.034283936 NONP
65 39035101201 Correct Tract 1012.01, Caywhoga Coarny, Olyc	1012.01	2771	1710	1061	0.617105738 MIN	1807	841	966	5.465412286 LOW	4383	677 0.154460415 NONP
85 39035198000 Cereus Traci 1980, Cuyahiga County, Chic	1960	2754	1982	792	0.712418301 MIN	1025	493	632	0.48097561 LOW	2626	85 0.024761905 NONP
57 39035135106 Consus Tract 1351.05, Cayahoga County, Ofro	1351.06	1692	125	1567	0.073877059 NONMIN	622	9	613	0.014489453 NONLOW	3951	182 0.045717156 NONP
58 39035136101 Consus Tract 1361.01, Cuyahoga Courty, Ohio	1361/01	5843	419	5424	0.071709738 NONMIN	2543	333	2210	0.1309477 NONLOW	2188	32 0.014625229 NONP
89 39035136105 Coreus Track 1361.03, Cayahoga County, Ofice. PO 39005137101 Coreus Track 1371.01, Cayahoga County, Ofice.	1361:03	6401 2453	764 1498	5647 565	D.117794095 NONMIN D.610680750 MIN	2434	275	2346	0.036154476 NONLOW 0.245316682 NONLOW	2607	131 0.834392229 NONP 182 0.872198729 NONP
71 39035137103 Corese Tried 1371.63, Caywings County, Ohio	1171.00	4309	2030	2273	0.47245G42 MIN	1626	210	1306	0.141451415 NDNLDW	2565	296 0.103703704 NONP
72 39035138105 Corean Tract 1381.05, Cayehoga County, Ohio	1381.06	1430	624	806	0.436363636 NONMIN	616	144	472	0.233786234 NONLOW	2306	282 0.122289679 NONP
73 39035192300 Cereus Tract 1923, Cuyahopa County, Ohio	1923	1565	129	1434	0.082533589 NONMIN	1509	60	549	0.09852216T NONLOW	2879	175 0.060784995 NONP
74 39035192800 Centrus Tract 1925, Curyahaga County, Ohio	1928	1460	401	1069	0.274657534 NONMIN	res	54	672	0.122715405 NONLOW	2718	107 0.039367142 NONP
75 39035192900 Cereus Tract 1929, Cuyahoga County, Ohio	1929	2075	153	1922	0.07373494 NONMIN	821	137	704	0.142509135 NONLOW	3863	254 0.065752006 NONP
76 39035138108 Coreas Tract 1381.08, Cayahoga County, Onio. 77 39035138109 Coreas Tract 1381.09, Cayahoga County, Ohio.	1381.00	4062 4065	329 663	3733	0.080094584 NONMIN 0.161035758 NONMIN	1803	216 358	1505	0.184653774 NONLOW 0.192050086 NONLOW	2612	47 0.017993874 NONP 309 0.08394458 NONP
75 29035140600 Cornus Tract 1405, Cuyahoga County, Ohio	1406	1065	452	613	0.424413146 NONMIN	513	24	489	0.046783626 NONLOW	4951	1058 0.213694203 POV
29 39005140701 Coress Tract 1407.01, Cayahoga County, Chis	1407.01	2139	1579	187	0.73772793 MIN	849	264	191	0.299175501 LOW	2654	382 0.10544892T NONE
50 39035140800 Cereum Tract 1405, Curyafrega County, Otto	1408	3492	1587	1925	0.448739977 NW	1615	456	1117	0.308359133 LOW	2549	219 0.076869077 NONP
11 39035141200 Census Tract 1412, Cuyahoga County, Ohio	1412	2875	631	2044	0.289043478 NONMIN	1503	286	1217	0.190286094 NONLOW	4636	208 0.044875944 NONP
12 39035141400 Census Tract 1414, Cuyahaga County, Ohio	1414	2502	377	2125	0.150679456 NONMIN	927	67	680	0.07227616 NONLOW	2639	68 0.025767336 NONE
15 39035141500 Consus Tract 1415, Cuyahoga County, Ohio	1415	1599	418	1181	0.261413363 NONMIN	749	109	640	0.14552737 NONLOW	3460	51 0.014739854 NONP
54 39035150100 Coress Tract 1501, Cayahoga County, Ohio	1501	2062	1020	91	0.918091809 MIN	1071	584 226	487 272	0.545284781 LOW 0.453815261 LOW	2530 1995	268 0.105928854 NONP 37 0.018548368 NONP
15 39035150300 Cicneus Tract 1505, Cuyahaga County, Ohio 16 39035150400 Cicneus Tract 1504, Cuyahaga County, Ohio	1504	1670	1906	165	0.901197605 MIN.	530	216	314	0.40754717 LOW	1990	G NONE
77 39035151200 Corwell Tract 1512, Cayahoga County, Other	1512	1835	1674	161	0.91226158 MIN	1214	772	442	0.635914333 LOW	6304	344 0.054588828 NONE
18 39005151300 Carese Tract 1513, Cayehope County, Ohio	1513	2035	1000	429	0.789189189 MW	1139	654	455	0.600626776 LOW	3302	148 0.04482132 NONF
19 39035151600 Census Tract 1516, Cayahoga Coasty, Ohio	151ë	1991	1848	143	0.928175795 MIN	9.60	628	361	0.634954833 LOW	2367	88 0.037177862 NONE
10 39035194100 Centrus Tract 1941, Cuyahopa County, Ohio	1941	2221	422	1799	0.190004502 NONMIN	954	67	897	0.069502075 NDNLDW	5643	230 0.040758462 NONE
1 39035194300 Census Tract 1943, Cayahoga County, Ohio	1943	3385	140	3248	0.041322314 NONMIN	1459	83	1376	0.05688828 NONLOW	4811	684 0.142174184 NONE
i2 39005152102 Ceresia Traci 1521.82, Cayatoga County, Ohio	1521/02	3536	2403	1433	0.828433785 MIN	1633	406	1427	0.221494817 NONLOW	4421	395 0.059572495 NONE
is 39035152202 Corese Tract 1522.02, Caywhoga Coarry, Otro	1522.02	3961 2172	2951 1354	1310	0.659275435 MIN 0.625368562 MIN	1944	573 426	1371	0.294753086 LOW 0.341694061 LOW	3098	457 0.147514526 NONP 516 0.136786189 NONP
14 39035152301 Comus Tract 1523.01, Csyshega County, Ohio. 15 39035152302 Comus Tract 1523.02, Csyshega County, Ohio.	1523.02	4100	2519	1581	0.814390244 MIN	1640	371	1269	0.226219512 NONLOW	2848	594 0.208587416 POV
85 39035152400 Census Traci 1524, Cayahopa Coasty, Otto	1524	1835	1286	552	0.899673558 MIN	639	162	477	0.253521127 LOW	2358	127 0.05318258 NONP
I7 39035162501 Consus Tract 1525.01, Cayahoga Courty, Ohio	1625.01	3535	2385	1451	0.821741397 MIN	1671	445	1226	0.2663076 LOW	4470	213 0.047651007 NONP
is 39005152502 Census Traci 1525.82, Cayahoga Courty, Ohio	1525.02	2134	1415	719	0.863074039 MIN	953	260	703	0.284642319 LOW	3375	856 0.19437037 POV
20 39035152701 Cereus Tract 1527.01, Caywhoga County, Ohio	1527.01	2067	1869	185	0.508654764 MIN	1498	107%	420	0.71962616B LOW	2803	255 0.090973956 NONE
00 39035153105 Consus Tract 1531.05, Cuyahoga County, Ofice	1531.06	3315	400	2918	0.120554551 NONMIN	1712	397	1315	0.231892523 NONLOW	2060	353 0.115359477 NONP
11 39035153106 Cerreus Tract 1531.05, Cuywhoga Courty, Ohio	1531.06	3855	500	3366	0.129701656 NONMIN 0.784535832 MIN	1557	317	1044	0.075144509 NONLOW	4636	219 0.047238999 NONP
12 39035140500 Cereus Tract 1405, Cayahega County, Oftio 13 39035183401 Cereus Tract 1834.01, Cayahega County, Oftio	1834.01	3207	2516 706	1162	0.377944325 NONMIN	1404 869	99	570	0.256410256 LOW 0.147982053 NONLOW	4070	182 0.044141889 NONE 241 0.059213759 NONE
14 39035189112 Corress Tract 1891.12, Cayahoga County, Ohio	1691.12	4237	416	3821	0.098182676 NONMIN	1545	71	1474	0.045954693 NONLOW	5232	187 0.057858911 NONE
15 39035101101 Corress Tract 1011.01, Caywhoga County, Ohio	1011.01	2260	1861	392	0.623451327 MIN	1080	501	579	0.46368889 LOW	3854	197 0.050720506 NONP
96 39035163107 Cereus Tract 1531.07, Cayahoga County, Otio	1531/07	3756	627	3129	0.166932907 NONMIN	1725	328	1397	0.190144928 NONLOW	4076	137 0.033611364 NONE
17 39035154502 Census Tract 1545.02, Cayahoga County, Ohio	1545.02	2741	1824	.917	0.665450565 MIN	1262	262	1000	0.207606973 NONLOW	1971	339 0.070522577 NONE
18 39035154601 Ceresa Tricci 1548.01, Ceywhoga County, Ofrio 19 39035154603 Ceresa Tricci 1548.03, Ceywhoga County, Ofrio	1546.03	4920 2972	3253 1763	1637	0.867276423 MIN 0.69320323 MIN	1875 1290	401 451	1474 839	0.213856567 NONLOW 0.349612403 LOW	2736 3284	220 0.08040935T NONE 314 0.095615104 NONE
0 39035154604 Census Tract 1546.04, Cayahoga County, Ohio.	1546.04	4132	2422	1710	0.586196825 MIN	1571	373	1198	0.23742839 NONLOW	3677	510 0.138700027 NONE
11 39035155101 Comus Tract 1551.01, Cayahoga Coarry, Ohio	1551.01	5383	940	4443	0.174623816 NONMIN	2163	290	1673	0.134073047 NDNLDW	5656	385 0.068599717 NONE
12 39005156101 Correas Traci 1561.01, Cayahoga Coarny, Olyo	1561.01	1439	140	1299	D.097289785 NONMIN	554	22	532	0.039711191 NONLOW	1679	58 0.034544372 NONE
13 39035156102 Cermus Tract 1561.02, Caywhoga Courty, Oteo	1561.02	5725	549	5179	0.025844972 NONMIN	2299	231	2028	0.102257636 NONLOW	2750	403 0.146545455 NONE
14 39035160100 Centrus Tract 1601, Cuyahaga County, Ohio	1601	1779	272	1507	0.152894885 NONMIN	761	30	731	0.039421813 NONLOW	4278	327 0.076437588 NONE
5 39035101400 Cansus Tract 1014, Cuyahiga County, Ohio	1014	1982	1321	661	0.666493486 MIN	778	325	453	0.417737789 LOW	3057	293 0.094914156 NONF
16 39035101700 Cansus Tract 1017, Cuyahaga County, Ohio	1017	2047	2129	518	0.804306762 MIN 0.819269898 MIN	1346	817	951	0.866419019 LOW 0.271822355 LOW	5236	1377 0.262387013 POV
(7.39035102101 Cerress Tract 1021.01, Cayahoga Courty, Otro 8.39035102102 Cerress Tract 1021.02, Cayahoga Courty, Otro	1021.01	3342 2721	2738	678	O B19259595 MIN O 750826902 MIN	1126	365 383	743	0.271822365 LOW 0.340142098 LOW	1602 2630	104 0.061465721 NONE 161 0.06121673 NONE
9 39035102200 Comus Tract 1022; Cayahaga Cosnty, Ohio	1022	2121	2333	798	6.745129352 MW	1298	322	976	0.24807396 NON.OW	3550	224 0.883098892 NONE
to 39005102300 Census Tract 1023, Cayahaga County, Ohio	1023	1925	1547	378	0.803636364 MIN	832	354	476	0.425480769 LDW	2541	41 0.01613538 NONE
1 39035102700 Census Tract 1027, Cayahega County, Ohie	1027	3669	2609	1160	0.683837558 MIN	1731	842	889	0.488424032 LOW	3878	277 0.871428571 NONE
2 39035102800 Centure Trect 1025, Cayahaga County, Otto	1028	1787	1755	32	0.982092899 MIN	865	311	354	0.467669173 LOW	3436	250 0.872780204 NONE
3 39035160200 Cormus Fract 1602, Cuyahoga County, Ohio	1602	2289	254	2035	0.110965487 NONMIN	1131	166	965	0.146772767 NONLOW	2707	671 0.247875877 POV
4 39035160400 Consus Tract 1604, Cuyahaga County, Ohio	1604	3220	497	2723	0.154347826 NONMIN	1898	177	1421	0.110763454 NONLOW 0.32907197 LDW	6465	294 0.045475638 NONE
5 39035160500 Census Tract 1605, Ceyetega County, One 6 39035160900 Census Tract 1609, Ceyetega County, One	1609	3927 3530	515 549	2961	0.131143366 NONMIN 0.156524079 NONMIN	2112	996 225	1417	ADDRESS LIKE BOOK	5893 2706	475 0.080804107 NONE 180 0.086518847 NONE
77 39035161100 Census Tract 1611, Cuyahaga County, Ohio	1811	3354	255	3099	0.155524079 NONMIN 0.076028623 NONMIN	1516	222	1294	0.135379081 NONLOW 0.146437995 NONLOW	4767	119 0.025015766 NONE
15 39035161200 Consus Tract 1612, Cuyahaga County, Ohio	1612	2642	272	23/02	0.10333081 NONMIN	1306	277	1029	0.212098009 NONLOW	2460	76 0.030894309 NONE
9 39035161400 Consus Tract 1614, Cayahopa County, Olio	1614	3225	662	2563	0.206271318 NONMIN	1495	253	1242	0.169230769 NONLOW	2508	129 0.05143540T NONE
io 39035161500 Consus Tract 1615, Cuyahoga County, Ohio	1615	3779	417	3362	0.110346653 NONMIN	1659	167	1472	0.112718505 NONLOW	3505	125 0.035663338 NONE
1 39035161600 Cicrisus Traci 1616, Cayafega County, Ofice	1616	1969	672	1387	0.291985707 NONMIN	982	361	601	0.376259875 LOW	3090	242 0.07824119 NONE
12 39035170101 Census Tract 1701.01, Cayahoga Ceanty, Ohio	1701.01	2835	790	2045	0.278699612 NONMIN	1461	97	1364	0.098392882 NDNLOW	2763	202 0.072583543 NONF
IS 59035170201 Coreus Traci 1702.01, Cayahoga County, Ohio 4 59035170202 Coreus Traci 1702.02, Cayahoga County, Ohio	1702.01	2128 3595	462	3446	0.227443609 NONMIN 0.115956901 NONMIN	1077	270	1627	0.117920149 NONLOW 0.142329995 NONLOW	3994	53 0.021251002 NONE 59 0.014772158 NONE
15 39035171020 Cereus Tract 1711.02, Cayanega Cesany, Chia	The second secon	4047	5083	364	0.761795883 MPI	1904	468	1436	0.245798319 NONLOW	1863	213 0.114331723 NONE
35 39035171102 Consus Tract 1717.02 Cayeloga County, Ohio 35 39035171204 Consus Tract 1712.04, Cayeloga County, Ohio	1712.04	2091	1627	164	0.778096604 MIN	821	156	665	0.19001218 NONLOW	1858	213 0.114331723 NONE 211 0.113582971 NONE
17 39035103800 Caresas Traci 1035, Cuyahaga County, Ohio	1038	1567	999	568	0.637523931 MW	872	229	393	0.415178571 LOW	3000	167 0.062333333 NONE
	1044	1167	302	855	0.261019879 NONMIN	673	175	492	0.260029F1# LOW	3488	210 0.050206422 NONE
15 39035104400 Census Traci 1044, Cayahaga Coanty, One:			2850	462	0.855342137 KWN	1273	388	881	0.30479183 LOW	1349	240 0.177909563 POV
15 39035104400 Careius Traci 1044, Cayafaga Coasty, Ohio 19 39035105300 Careius Traci 1053, Cayafaga Coasty, Ohio	1063	3332									
15 39035104600 Carwas Tract 1044, Cayahaga Caarty, Ohio 19 39035105300 Careas Tract 1053, Cayahaga County, Ohio 10 39035171205 Careas Tract 1712.05, Cayahaga Caarty, Ohio	1712.06	2551	1768	765	0.893061544 M84	1287	196	1091	0.152292152 NONLOW	2191	349 0.159267996 NONE
8 39035104400 Contest Tract 1044, Cayahaga Coasty, Ohio IS 39035105300 Contest Tract 1053, Cayahaga Coasty, Ohio							196 232 272	766 1209	0.152292152 NONLOW 0.23246493 NONLOW 0.183659689 NONLOW	2191 2173 1803	276 0.127013346 NONE 176 0.098724348 NONE

Attachment J: GCRTA Vehicle Assignment by Route 2021

GCRTA Vehicle Assignment by Route 2021

		Vehicle_Assigned? TRUE	Values TRUE	FALSE	
MINLOW_Status	fixed_Route	Average of Fleet_Age	Count of Fleet_Age	Count of Fleet_Age	No Vehicle Data
MINLOW	1		898	35	4%
MINLOW	2		150	0	0%
MINLOW	3		933	25	3%
MINLOW	6		1,156	188	14%
MINLOW	7		437	0	0%
MINLOW	8		250	0	0%
MINLOW	9	4.78	608	0	0%
MINLOW	10	4.48	1,001	0	0%
MINLOW	11	4.70	597	0	0%
MINLOW	14	4.06	973	13	1%
MINLOW	15	4.68	856	13	1%
MINLOW	16	13.50	175	0	0%
MINLOW	18	14.40	260	52	17%
MINLOW	19	4.68	978	0	0%
MINLOW	22	10.67	788	155	16%
MINLOW	25	14.12	505	88	15%
MINLOW	28	4.67	1,003	17	2%
MINLOW	31	4.26	624	0	0%
MINLOW	34	4.88	150	5	3%
MINLOW	37	4.36	450	0	0%
MINLOW	39	4.58	130	0	0%
MINLOW	40	3.86	490	0	0%
MINLOW	41	4.29	753	0	0%
MINLOW	45	14.21	483	70	13%
MINLOW	48	4.02	626	0	0%
MINLOW	50	4.75	234	0	0%
MINLOW	51	4.06	916	86	9%
MINLOW	62	5.00	505	0	0%
MINLOW	71	12.70	358	40	10%
MINLOW	78	13.83	476	82	15%
MINLOW	90	12.61	405	48	11%
MINLOW	94	4.58	242	6	2%
MINLOW Total		6.70	18,410	923	5%
NONMINLOW	26	13.40	837	101	11%
NONMINLOW	53	4.00	315	40	11%
NONMINLOW	54	15.71	224	32	13%
NONMINLOW	55	7.69	490	38	7%
NONMINLOW	77	10.19	314	32	9%
NONMINLOW	83	14.69	407	105	21%
NONMINLOW	86		210		
NONMINLOW	251	2.00	60	0	0%
NONMINLOW Total		11.19			

Attachment K: GCRTA Vehicle Headway by Route 2021

GCRTA Vehicle Headway by Route 2021¹

							SERVICE
	ROUTE NAME					CLASSIFICATION	TIME
1	1 - ST. CLAIR	15	15	HAYDEN	R	MINLOW	All Day
2 3	2 - EAST 79TH 3 - SUPERIOR	60 15	60 15	TRISKETT	CF R	MINLOW	All Day
5 6	6 - HEALTHLINE	15 15	15	HAYDEN	R	MINLOW	All Day
7		30	30	HAYDEN	CF	MINLOW	All Day All Day
8	7/7A - MONTICELLO	60	60	HAYDEN	R	MINLOW	
	8 - CEDAR-BUCKEYE	30		HAYDEN	R	MINLOW	All Day
9	9 - MAYFIELD-HOUGH		30	HAYDEN	CF	MINLOW	All Day
10	10 - EAST 105TH-LAKESHORE	15 30	15 30	HAYDEN	R	MINLOW	All Day
11	11 - QUINCY-CEDAR			HAYDEN	R	MINLOW	All Day
14	14/14A - KINSMAN	15	15	HAYDEN		MINLOW	All Day
15	15 - UNION-HARVARD	15	15	HAYDEN	R CF	MINLOW	All Day
16	16 - EAST 55TH	60	60	TRISKETT		MINLOW	All Day
18	WEST 98TH-GARFIELD	60	60	TRISKETT	CF	MINLOW	All Day
19	19/19A/19B - BROADWAY	15	15	HAYDEN	R	MINLOW	All Day
22	22 - LORAIN	15	15	TRISKETT	R	MINLOW	All Day
25	25 - MADISON-CLARK	30	30	TRISKETT	R	MINLOW	All Day
26	26/26A - DETROIT	15	15	TRISKETT	R	NONMINLOW	All Day
28	28/28A - EUCLID	15	15	HAYDEN	CF	MINLOW	All Day
31	31 - ST. CLAIR-BABBITT	30	30	HAYDEN	CF	MINLOW	All Day
34	34 - EAST 200TH-GREEN	60	60	HAYDEN	CF	MINLOW	All Day
35	35 - LEE BLVD-EAST 123RD	45	45	HAYDEN	CF	MINLOW	All Day
37	37 - HAYDEN-EAST 185TH	30	30	HAYDEN	CF	MINLOW	All Day
39	39 - LAKESHORE	30	N/A	HAYDEN	R	MINLOW	Peak
40	40 - LAKEVIEW-LEE	30	30	HAYDEN	CF	MINLOW	All Day
41	41/41F - WARRENSVILLE	30	30	HAYDEN	CF	MINLOW	All Day
45	45 - RIDGE-FULTON	30	30	TRISKETT	R	MINLOW	All Day
48	48 - EAST 131ST	30	30	HAYDEN	CF	MINLOW	All Day
50	50 - EAST 116TH	60	60	HAYDEN	CF	MINLOW	All Day
51	51/51A - METROHEALTH LINE	15	15	TRISKETT	R	MINLOW	All Day
53	53/53A - METROHEALTH LINE-BROADVIEW	30	60	TRISKETT	R	NONMINLOW	All Day
54	54 - BROOKPARK-ROCKSIDE	60	60	TRISKETT	CF	NONMINLOW	All Day
55	55/B/C - CLEVELAND STATE LINE	15	30	TRISKETT	R	NONMINLOW	All Day
62	B LINE TROLLEY	15	15	TRISKETT	DL	MINLOW	All Day
71	71 - PEARL-TIEDEMAN	30	60	TRISKETT	R	MINLOW	All Day
77	77 - BRECKSVILLE	60	60	TRISKETT	R	NONMINLOW	All Day
78	78- WEST 117TH-PURITAS	30	30	TRISKETT	CF	MINLOW	All Day
83	83 -WARREN-W. 130TH	30	30	TRISKETT	CF	NONMINLOW	All Day
86	86 - ROCKY RIVER DR-BAGLEY	60	60	TRISKETT	CF	NONMINLOW	All Day
90	90 - BROADWAY-LIBBY	30	30	TRISKETT	R	MINLOW	All Day
94	94 - EAST 260TH-RICHMOND	60	60	HAYDEN	CF	MINLOW	All Day
251	251 - STRONGSVILLE P-N-R	30	N/A	TRISKETT	PNR	NONMINLOW	Peak

¹ Schedules effective June 2021

Attachment L: GCRTA On-Time Performance 2021

GCRTA On-Time Performance by Route 2021

Route Route Name	Report_Month						
Route Route Name	July 2021	August 2021	September 2021	October 2021	November 2021	December 2021 On Time Perform	nance - Fixed Route Bus Service
1 1 St. Clair	85.14%	85.63%	88.33%	92.01%	92.40%	87.66%	88.46
2 2 E.79	80.30%	84.23%	84.20%	84.27%	84.62%	83.75%	83.59
3 3 Superior	92.26%	90.48%	83.88%	86,89%	87.64%	86.38%	88.01
6 HealthLine	88.31%	85.71%	87.10%	89.07%	89.40%	90.17%	\$8.40
7 7/7A Monticello	90.70%	89.32%	88.42%	88.53%	89.19%	88.97%	89.19
8 8 Cedar - Buckeye	82.69%	79.54%	80.55%	85.53%	89.32%	87.95%	84.66
9 9 Mayfield - Hough	81.16%	80.31%	80.83%	79.89%	78.94%	77.72%	79.82
10 10 E.105 - Lakeshore	88.25%	87.77%	86.74%	87.30%	88.38%	89.58%	88.03
11 11 Quincy - Cedar	71.86%	69.47%	65.87%	64.35%	66.46%	70.63%	68.17
14 14/14A Kinsman	68.45%	64.36%	61.00%	54.65%	59.18%	63.79%	61.98
15 15 Union - Harvard							68.64
16 16 E.55							89.68
18 18 W.98 - Garfield	85.50%	84,77%	84.81%	87.26%	87.13%	86.59%	86.03
19 19/19A/19B Broadwa	81.36%	80.23%	79.81%	82.18%	83.17%	83.18%	\$1.68
							75.36
							79.99
							90.27
							89.14
							85.74
	7-0-2-0	44.22.4					90.26
	83 29%	83.00%	91.10%	97 23%	92 95%		89.14
							93.42
The state of the s				7.7			87.51
							84.07
							83.31
The state of the s							87.17
							90.38
							75.07
							80.98
							83.82
							87.37
							78.46
							84.33
	Entra Alta						81.15
							72.33
							84.24
							87.41
							79.19
							84.79
							87.13
							83.97
							85.34
							80.32
Control of the Contro		The second second			The second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a section in the section in the section is a section section in the section in the section is a section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section is a section in the section is a section in the section	The second secon	81.03
2	2 2 E.79 3 3 Superior 6 HealthLine 7 7/7A Monticello 8 8 Cedar - Buckeye 9 9 Mayfield - Hough 10 10 E.105 - Lakeshore 11 11 Quincy - Cedar 14 14/14A Kinsman 15 15 Union - Harvard 16 16 E.55 18 18 W.98 - Garfield 19 19/19A/19B Broadway 22 22 Lorain 25 25 Madison - Clark 28 28/28A Euclid 31 31 St. Clair - Babbitt 34 34 E.200 - Green 35 35 Lee - E.123 37 37 Hayden - E.185 39 39 Lakeshore 40 40 Lakeview - Lee 41 41/41F Warrensville 45 45 Ridge - Fulton 48 48 E.131 50 50 E.116 51 51/51A MetroHealth L 62 B-Line Trolley 71 71 Pearl - Tiedeman 78 78 W.117 - Puritas 90 90 Broadway - Libby 94 94 E.260 - Richmond 15 26 26/26A Detroit 53 53/53A MetroHealth - 54 54 Brookpark - Rockeis 55 55/558/55C Cleveland 77 77 Brecksville 83 83 Warren - W.130 86 86 Rocky River Dr - Baj	2 2 E.79	2 2 E.79	2 2 E.79	2 2 E.79 3 3 Superior 92.26% 90.45% 83.85% 8 66.99% 6 HealthLine 88.31% 85.71% 87.10% 89.07% 7 7/7A Monticello 90.70% 89.32% 8 Cedar - Buckeye 92.69% 9 Mayfield - Hough 11.10% 90.70% 89.32% 8 Cedar - Buckeye 92.69% 9 Mayfield - Hough 11.10% 10.10 E.105 - Lakeshore 88.25% 87.77% 86.74% 87.30% 11.11 Quincy - Cedar 71.86% 96.47% 15.15 Union - Harvard 93.61% 63.61% 64.36% 61.00% 54.55% 15.15 Union - Harvard 93.61% 63.61% 65.87% 9.75% 90.44% 90.15% 16.16 E.55 90.75% 90.44% 90.15% 18.18 W.98 - Garfield 95.50% 84.77% 84.81% 97.26% 19.19/13A/198 Broadway 81.36% 82.22 Lorain 72.67% 70.90% 75.06% 75.18% 22.22 Lorain 72.67% 70.90% 75.06% 75.18% 25.25 Madison - Clark 80.06% 78.86% 80.92% 78.33% 31.31 St. Clair - Babbitt 86.87% 86.20% 97.72% 86.12% 88.75% 85.13% 85.12% 87.77% 86.38% 80.92% 78.33% 35.35 Lee - E.123 37.77 Haycen - E.185 39.99 Lakeshore 94.26% 93.72% 90.01% 40.40 Lakesiwe - Lee 90.24% 40.40 Lakesiwe - Lee 90.24% 81.86% 93.75% 85.25%	2 2 E 79 3 3 Superior 92 26W 90 46W 83.8W 86.89W 87.64W 6 HealthLine 88.31W 88.12W 89.07W 7 77/A Monticello 90 70W 88.32W 88.42W 88.53W 88.19W 85 Cedar - Buckeye 82.69W 97.54W 99 Mayfield - Hough 81.16W 80.31W 80.83W 99 Mayfield - Hough 81.16W 80.31W 80.83W 99.89W 79.99W 79.99W 10 10 E 105 - Lakeshore 88.25W 87.77W 86.74W 87.30W 88.38W 11 11 Quincy - Cedar 71.86W 68.45W 68.35W 68.45W 69.25W 15 Is Union - Harvard 68.45W 68.35W 68.36W 61.09W 69.26W 16 16 E.55 89.75W 90.44W 90.15W 86.16W 87.26W 87.35W 88.11W 98 - Carfield 85.50W 87.76W 88.75W 88	2 2 E 79 50 30 50% 58 23 PM 58 24 20% 58 27% 58 50 PM 57 64W 58 38 PM 58 64 PM 58 58 SM 68 64 PM 58 58 SM 58 58 SM

Attachment M: GCRTA Title VI Analysis 4.12.2020



To: Joel Freilich, Director, Service Management Dept.

From: Jeffrey Macko, Planning Team Leader, Service Planning Section

Subject: GCRTA April 12 Service Reduction - Title VI Analysis

Date: April 24, 2020

Effective April 12, 2020, the Greater Cleveland Regional Transit Authority (GCRTA) implemented a major service reduction in response to the COVID-19 pandemic. Since the duration of the reduced service was not known, the GCRTA Service Planning staff performed a Title VI equity analysis prior to implementing the service reduction.

Analysis of the service reduction showed that no service area residents would experience a change in transit service availability as defined in the GCRTA transit availability standard approved by the Federal Transit Administration and set forth in the GCRTA Service Code Section 1013.04. Therefore, the analysis concluded that no disparate impact and no disproportionate burden would occur with respect to transit service availability.

Review of all the other service standards and policies showed that three of them (i.e., on-time performance, service amenities, and vehicle assignment) were likewise unaffected by the service reduction, and therefore had no potential for disparate impact and/or disproportionate burden.

The potential for disparate impact and disproportionate burden was limited to two closely related standards - vehicle load and vehicle headway – because service frequencies were changed on many routes, effective April 12. Therefore a route-by-route analysis was conducted to determine, first, whether either standard would be violated by the service change, and second, whether the service change would cause a disparate impact or a disproportionate burden

The first analysis showed that neither standard would be violated. Vehicle loads and vehicle headways were expected to remain compliant with the applicable standards. Monitoring will be conducted on a short-term and long-term basis to detect and correct any violation of the applicable standards.

The second analysis was conducted by separating all the routes into the categories previously established by the GCRTA Title VI service monitoring system. In this monitoring system, a GCRTA route is classified as a "MINLOW" route if it serves



Minority/Low-Income areas as defined in the most recent FTA Title VI Circular. All routes not classified as "MINLOW" are classified as "NONMINLOW." Adverse changes to vehicle loads and vehicle headways can be quantified by calculating the percentage reduction of in-service vehicle-hours per week operated on each route. The analysis results are presented in Table 1, below.

Table 1: Analysis Results

	Pre April 12 In-Service Vehicle Hours	Post April 12 In-Service Vehicle Hours	Percent Change
MINLOW ROUTES*	21,512.50	18,891.48	-12%
NONMINLOW*	1,789.02	1,380.02	-23%

^{*} As defined in the preceding paragraph

As shown in Table 1, the adverse effects are actually *less significant* on the "MINLOW" routes than on the other ("NONMINLOW") routes. In conclusion, the analysis showed that the April 12 service change does not have a disparate impact or a disproportionate burden as defined in the GCRTA Title VI policies.

Jeffrey Macko

Planning Team Leader, Service Planning Section