

TCAR Report



JACKSONVILLE
TRANSPORTATION
AUTHORITY

APPENDIX H

Public Involvement Support Documents



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400ft Buffer
Quarter Mile Radius
Around Station

SHEET
NO.

XX



U²C Program: Transit Concept and Alternatives Review (TCAR) Skyway Conversion and Proposed Brooklyn Extension



SKYWAY FEATURES

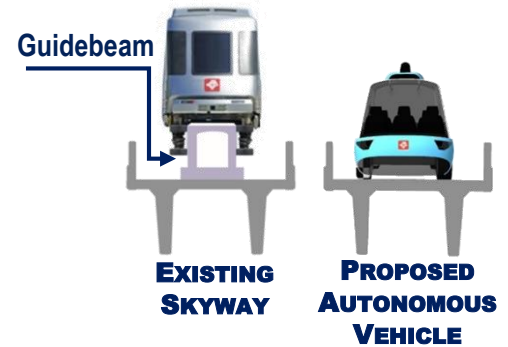
- ◆ Driverless, automated people mover system
- ◆ 2.5 mile, bi-directional elevated guideway
- ◆ 8 Stations
- ◆ 6-8 minute frequency
- ◆ 5,000 passenger trips on average weekday
- ◆ Operates 6 am to 9 pm on weekdays and special events

The Jacksonville Transportation Authority (JTA) is modernizing the downtown elevated automated people mover system known as the “Skyway.” In operation for over 25 years, the downtown circulator system has aging vehicles, and replacement parts are no longer supported by the manufacturer.

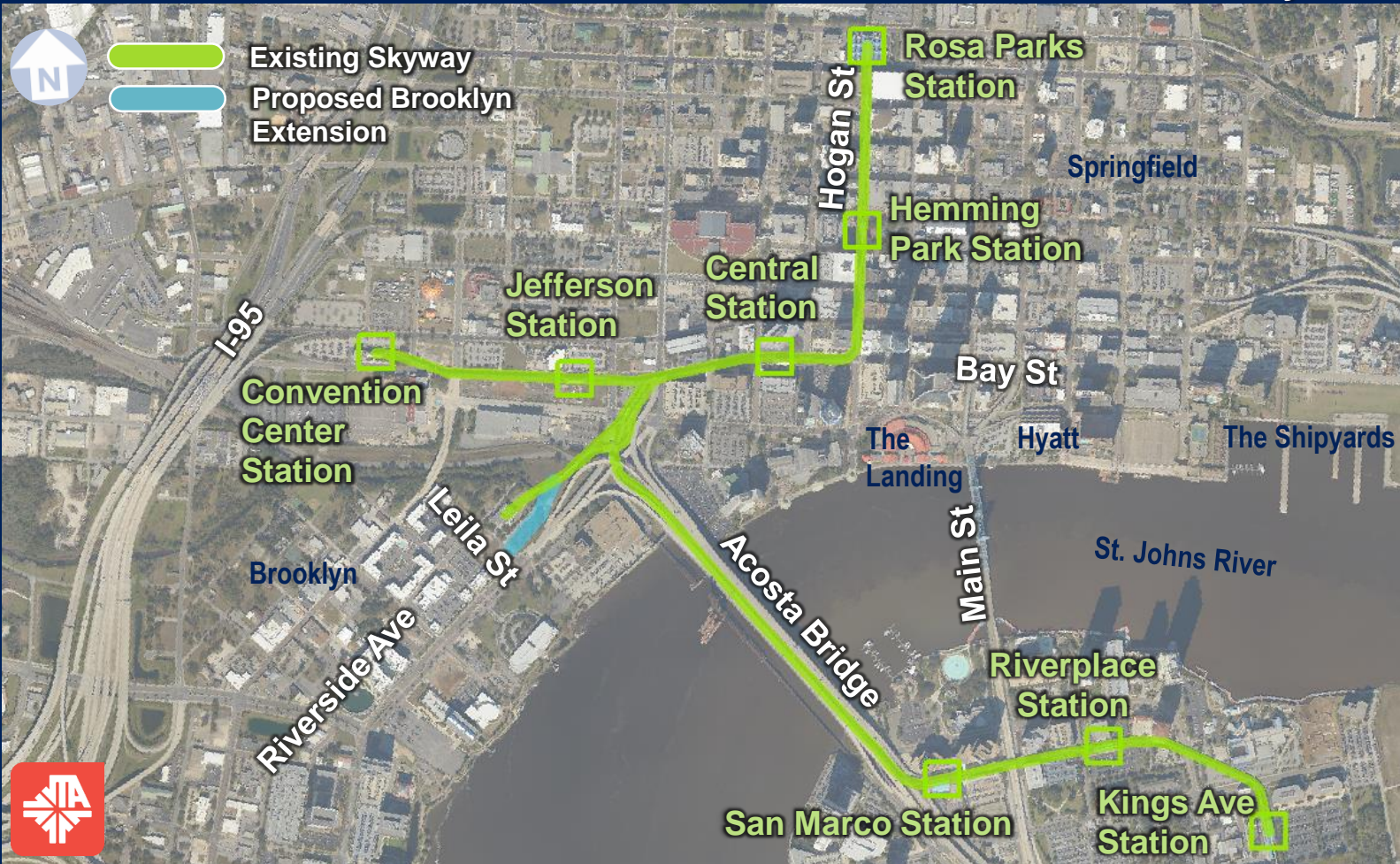
The JTA has conducted a technology assessment and performed extensive analysis of the current system. Additionally, the project team met with industry experts, engaged stakeholders and evaluated research of new technologies to determine the best path forward to keep, modernize and expand the system.

The Transit Concept and Alternatives Review (TCAR) process documents the evaluation of the options under consideration for selecting new vehicles and the initial expansion of the Skyway system near the Brooklyn area.

Modernizing the Skyway with autonomous vehicles provides the opportunity to keep the existing infrastructure and modify the guideway with a smooth running surface. The proposed system will use new technology features and provide more frequent service with improved access for all customers.



TCAR 1 Study Area



Proposed Brooklyn Station Extension



The proposed conversion of the existing Skyway to accommodate autonomous vehicles includes an extension of the existing elevated guideway to the ground level adjacent to the Skyway Operations and Maintenance Center. A new station along Leila Street would provide convenient access to the expanding Brooklyn area and Riverside Avenue. The image below is a preliminary concept envisioned for the station location and configuration. Design and location of the Brooklyn Station will be determined following additional analysis and stakeholder coordination.

Existing Skyway

Proposed Brooklyn Extension



U²C Program

New technologies create exciting opportunities to improve mobility and make more cost effective investments. The **JTA** is advancing an innovative program, the **Ultimate Urban Circulator (U²C)**, to implement an autonomous transportation network in Downtown Jacksonville.

The **U²C Program** will be constructed in phases. Ultimately, JTA will explore autonomous shuttle service throughout the region. The U²C Program integrates innovation and technology into transportation service delivery, creating a national model for the deployment of autonomous technologies throughout the transportation industry. **Instead of waiting for innovation, our program drives it!** Join us at the **Test & Learn** test track to experience autonomous mobility. The **Test & Learn** is located near the Sports Complex. Visit u2cjax.com to schedule a tour.



Advanced Safety Controls



Customer Information Kiosks



Vehicle Location Sensors



Latest Accessibility Features



Visit u2cjax.com to learn more about the U²C Program



Survey Date:

Survey ID:

Skyway/U²C Program Public Opinion Survey

The Jacksonville Transportation Authority (JTA) is modernizing the Skyway to create a more accessible and versatile system, using new technologies to more fully connect downtown with vibrant urban neighborhoods. This project, known as the Ultimate Urban Circulator (U²C), makes new connections possible, giving customers the ability to reach more destinations. Your feedback about the future of the Skyway is important to us.

Thank you for taking our survey! For more information please go to www.u2cjax.com

1. Are you?

Male

Female

2. Age?

25 or under

26-40

41- 60

61 or over

3. Do you live in Downtown?

Yes

No

4. Do you work in Downtown?

Yes

No

5. Are you a student? Full time or part time.

Yes

No

Other

6. How often do you ride the Skyway?

Never

Daily

1-5 times per week

Once in a while

If not, why? _____

7. Why do you ride the Skyway?

Business

School

Shopping

Events

Lunch

Other?

Describe: _____

8. Would you ride the Skyway if there was a nominal fee?

Yes

No

If yes: _____

9. Do you support the extension of the Skyway to Brooklyn?

Yes

No

Why or why not? _____

10. JTA is recommending utilizing rapidly developing autonomous vehicle technology to expand off the existing Skyway and enable extensions that could be at the ground level. Do you:

Strongly support

Somewhat support

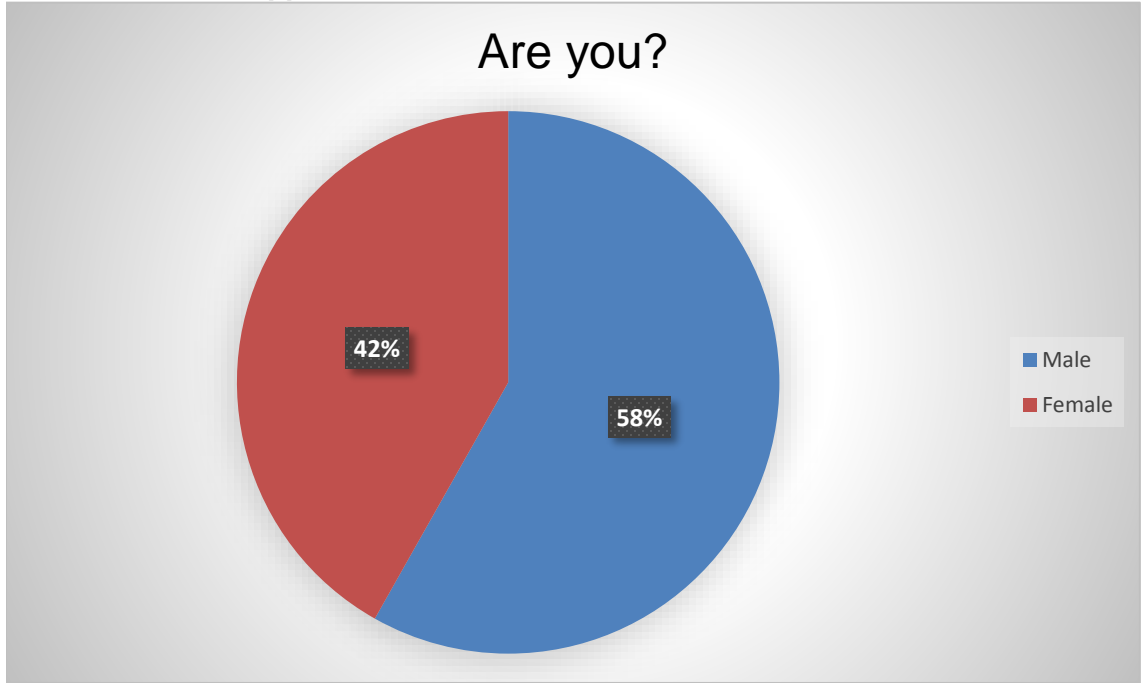
Somewhat oppose

Strongly oppose

U2C

Are you?

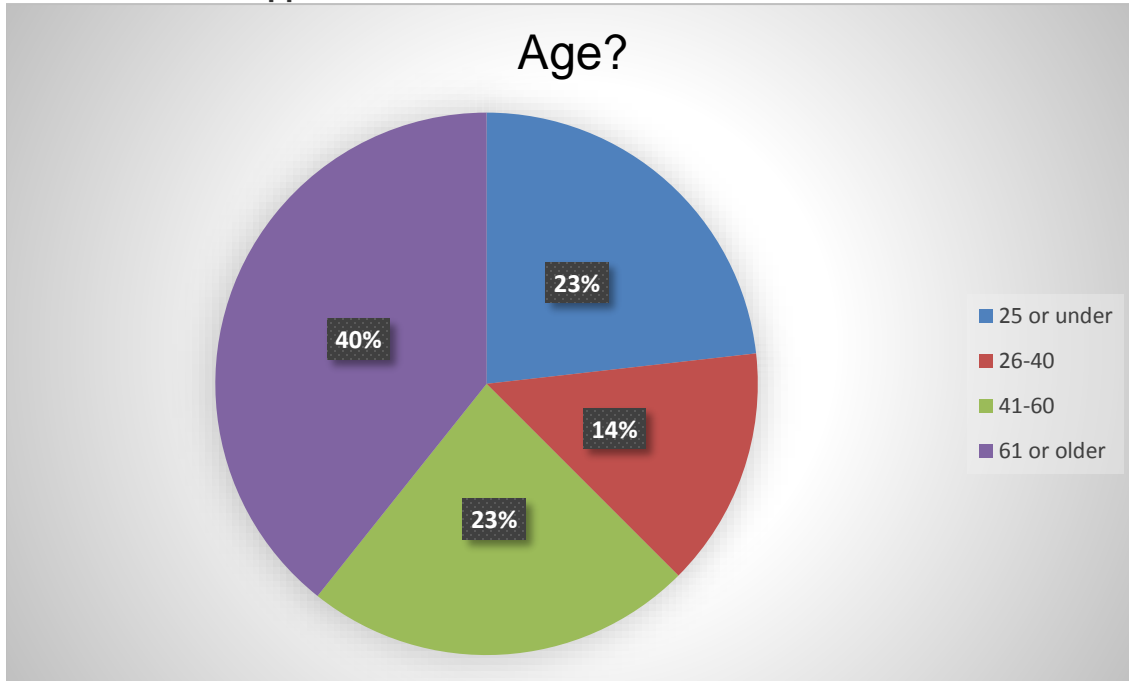
Answer Choices	Responses	
Male	58.18%	32
Female	41.82%	23
Answered		55
Skipped		1



U2C

Age?

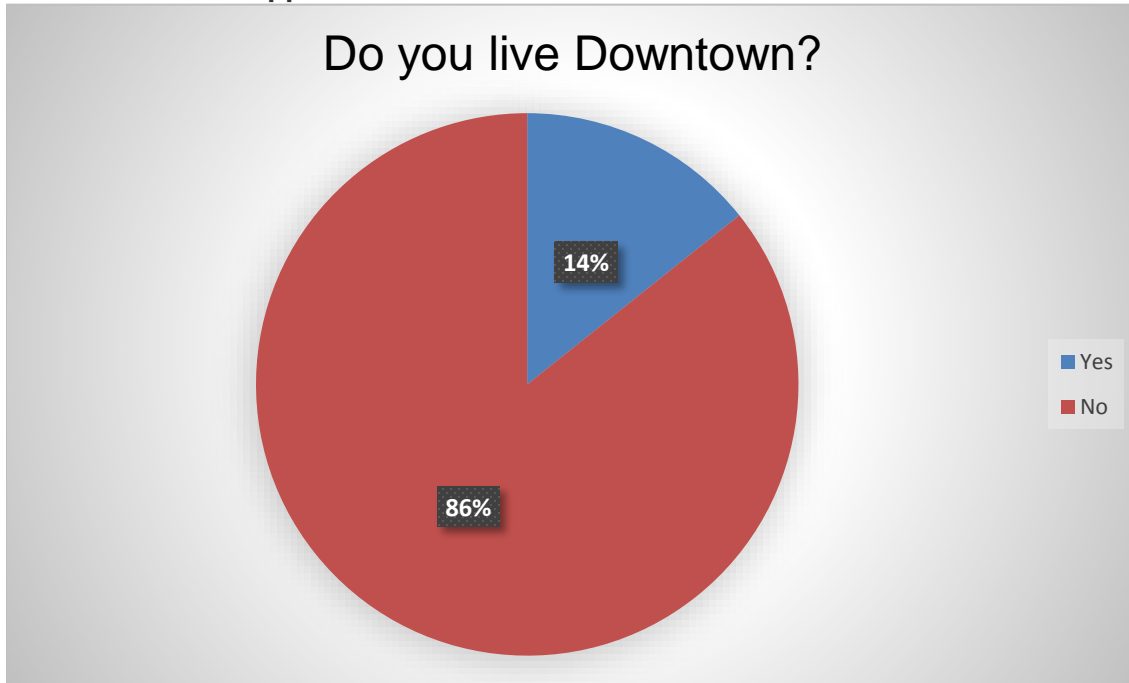
Answer Choices	Responses	
25 or under	23.21%	13
26-40	14.29%	8
41-60	23.21%	13
61 or older	39.29%	22
Answered		56
Skipped		0



U2C

Do you live Downtown?

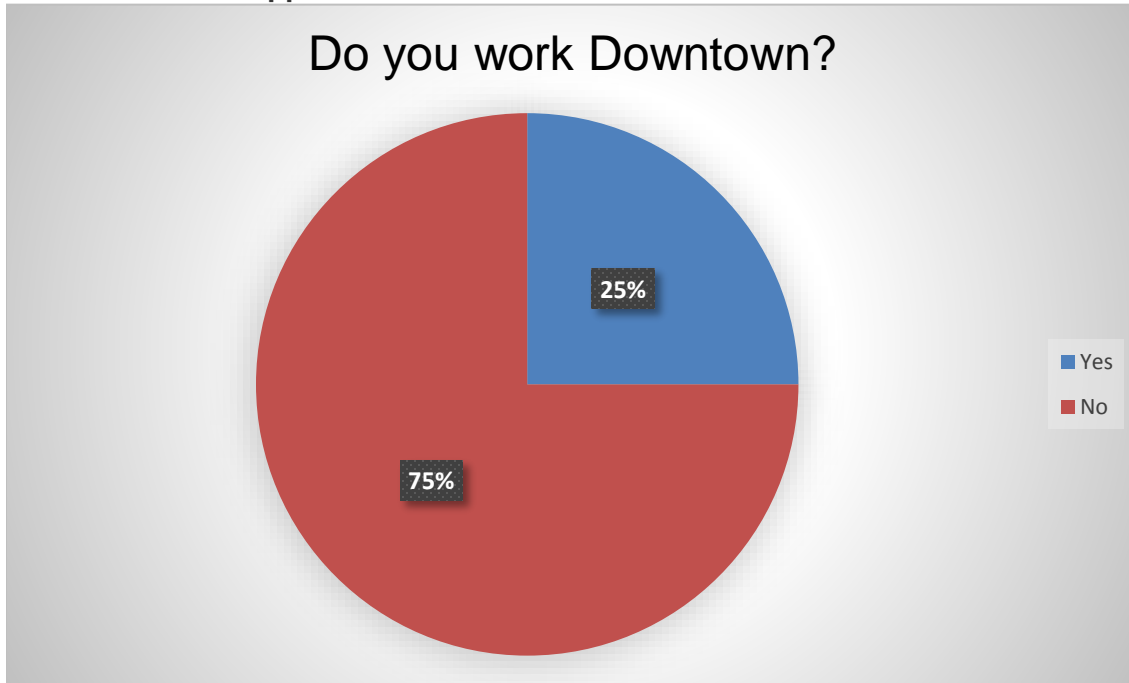
Answer Choices	Responses	
Yes	14.29%	8
No	85.71%	48
Answered		56
Skipped		0



U2C

Do you work Downtown?

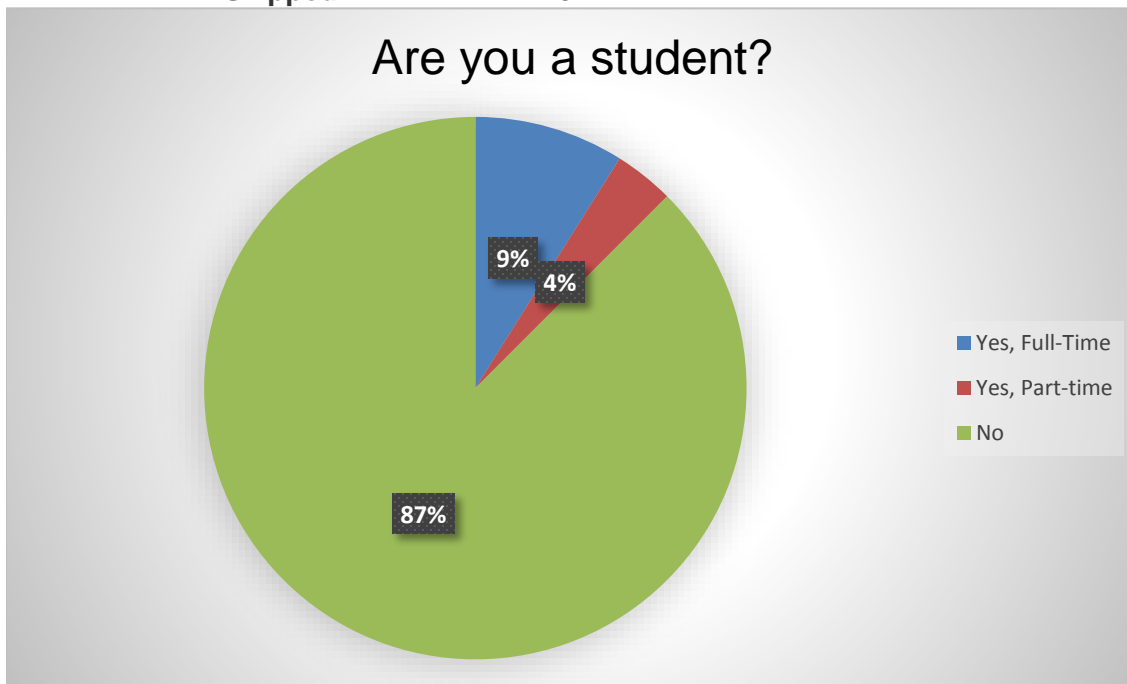
Answer Choices	Responses	
Yes	25.00%	14
No	75.00%	42
Answered		56
Skipped		0



U2C

Are you a student?

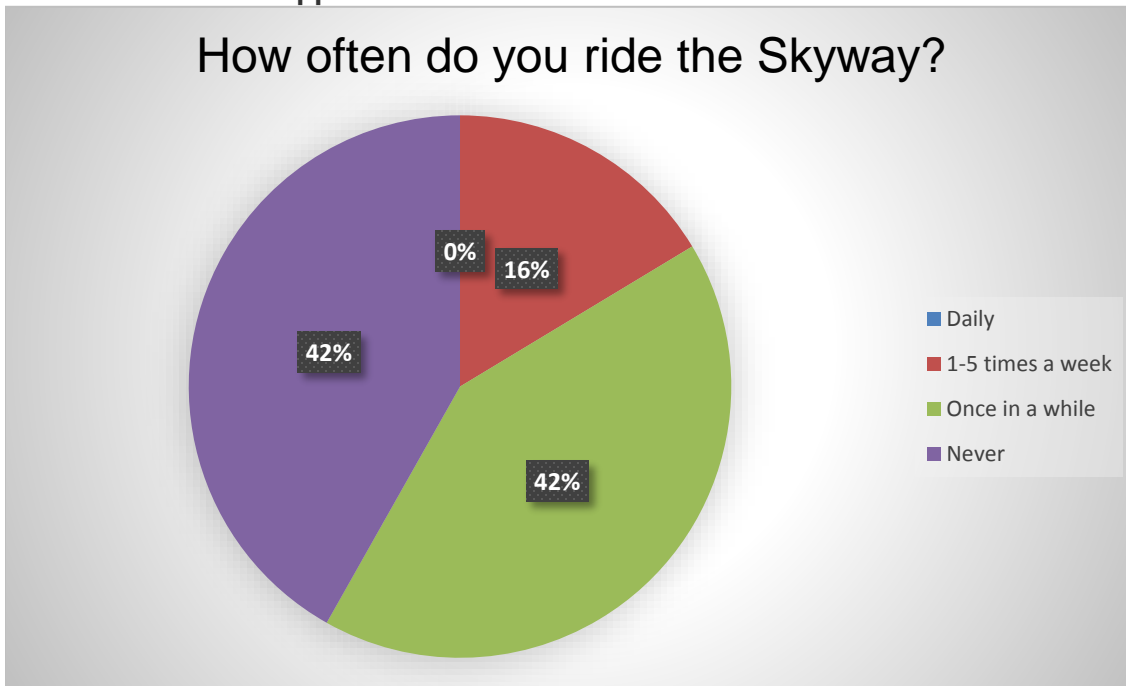
Answer Choices	Responses	
Yes, Full-Time	8.93%	5
Yes, Part-time	3.57%	2
No	87.50%	49
Answered		56
Skipped		0



U2C

How often do you ride the Skyway?

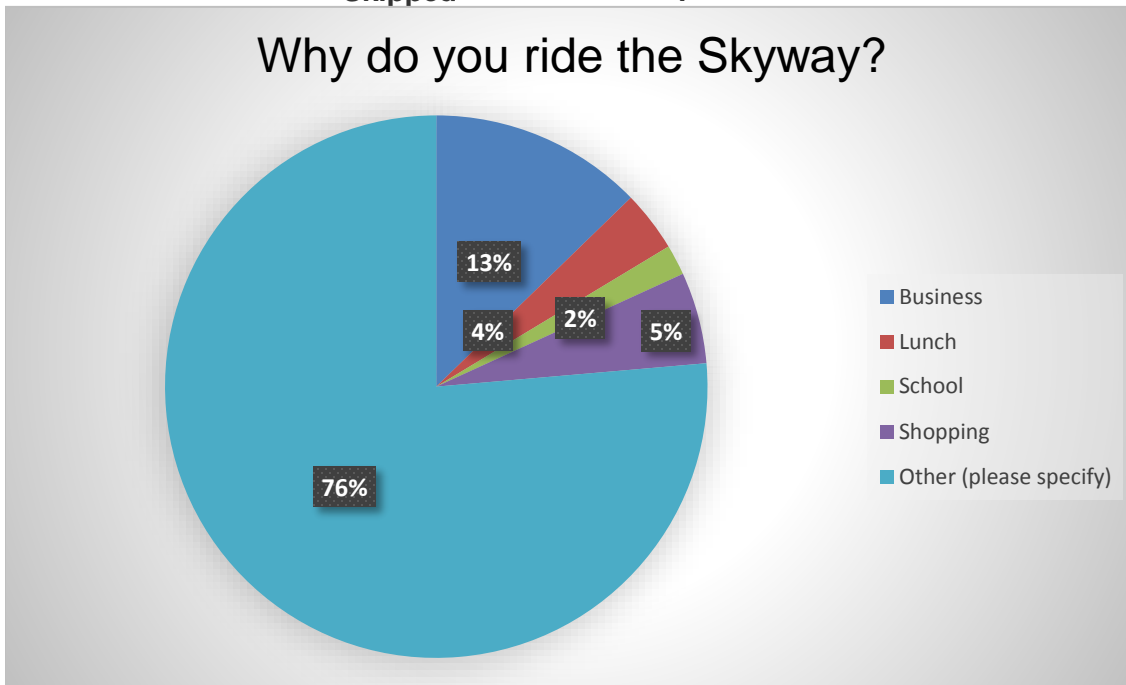
Answer Choices	Responses	
Daily	0.00%	0
1-5 times a week	16.36%	9
Once in a while	41.82%	23
Never	41.82%	23
If not, why not?		19
Answered		55
Skipped		1



U2C

Why do you ride the Skyway?

Answer Choices	Responses	
Business	12.73%	7
Lunch	3.63%	2
School	1.81%	1
Shopping	5.45%	3
Other (please specify)	76.36%	42
Answered		55
Skipped		7

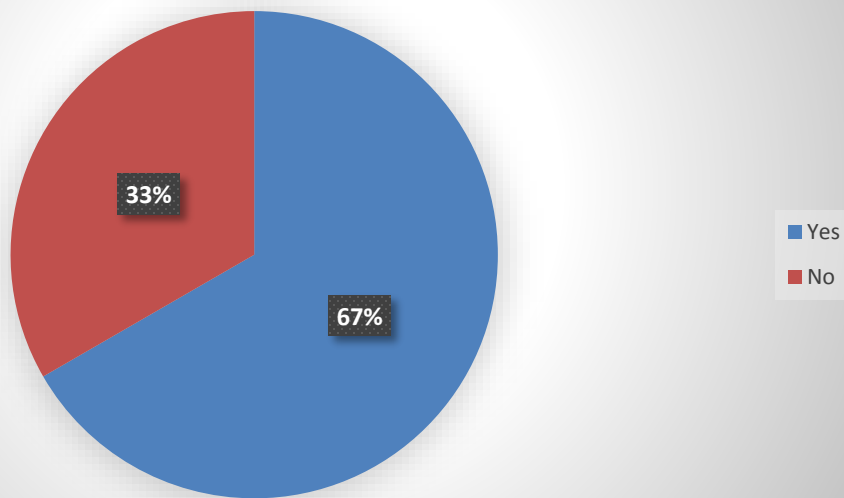


U2C

Would you ride the Skyway if there was a nominal fee?

Answer Choices	Responses	
Yes	66.67%	36
No	33.33%	18
If yes, how much?		16
Answered		54
Skipped		2

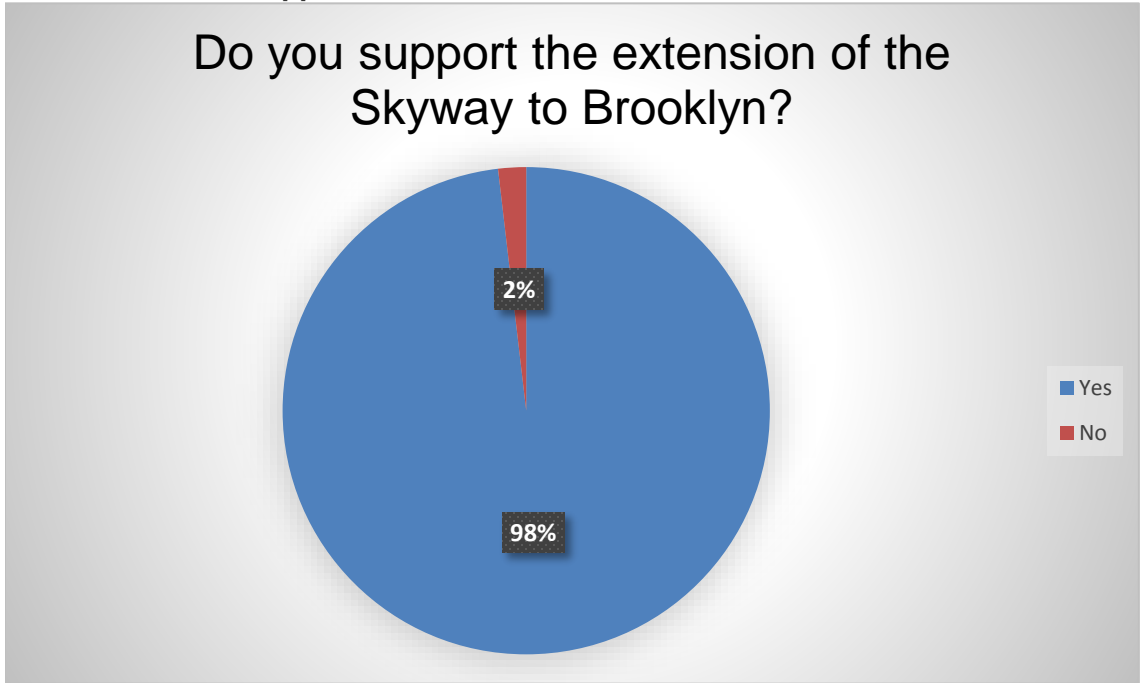
Would you ride the Skyway if there was a nominal fee?



U2C

Do you support the extension of the Skyway to Brooklyn?

Answer Choices	Responses	
Yes	98.15%	53
No	1.85%	1
Why or why not?		23
Answered		54
Skipped		2



U2C

JTA is recommending utilizing rapidly developing autonomous vehicle technology to expand off the existing Skyway and enable extensions that could be at ground level. Do you?

Answer Choices	Responses	
Strongly support	70.91%	39
Somewhat support	23.64%	13
Somewhat oppose	3.64%	2
Strongly oppose	1.82%	1
Answered		55
Skipped		1

JTA is recommending utilizing rapidly developing autonomous vehicle technology to expand off the existing Skyway and enable extensions that could be at ground level. Do you?

