

2018 RTA QuickTour Richmond, Va.

Tuesday, Aug. 7
ChamberRVA



@RTATriangle
#RTATour18

RTA 2018 QuickTour

Welcome

Joe Milazzo II
RTA Executive Director



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#RTATour18

About the RTA business coalition

RTA is the voice of the
regional business community
on transportation.

2018 RTA QuickTour

RECOGNITIONS



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Elected and Appointed Officials

Raleigh City Council

Cary Town Council

Chapel Hill Town Council

Wake County Board of Commissioners

Orange County Board of Commissioners

Raleigh Transit Authority / GoRaleigh

GoTriangle Board of Trustees

Regional Partners

Capital Area MPO

Durham-Chapel Hill-Carrboro MPO

Town of Cary

Town of Chapel Hill

City of Durham

City of Raleigh

Wake County

Chapel Hill Transit

GoCary

GoRaleigh

GoTriangle

NC Department of Transportation

NC Railroad Company

NC Turnpike Authority



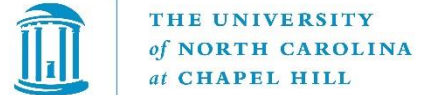
RTA Gold and Sustaining Gold Members



RTA Silver Members



RTA Silver Members



RTA Senior Regional Partners

Capital Area MPO

Durham-Chapel Hill-Carrboro MPO

GoRaleigh

GoTriangle

North Carolina Railroad Company

Raleigh-Durham Airport Authority

Town of Cary

RTA Member Chambers of Commerce

Angier

Apex

Benson Area

Cary

Chapel Hill-Carrboro

Greater Durham

Franklin County

Fuquay-Varina Area

Garner

Greater Raleigh

Greater Smithfield-Selma Area

Hillsborough/Orange County

Holly Springs

Knightdale

Moore County

Morrisville

Rolesville Area

Roxboro Area

Sanford Area

Wake Forest

Wayne County

Wendell

Zebulon

RTA Bronze Members

ABB Inc.

Atkins

Bayer CropScience

Biogen

Blue Cross and Blue Shield of NC

Branch Banking & Trust Co.

Capitol Broadcasting Co., Inc.

Clancy & Theys Construction
Company

Dewberry

GlaxoSmithKline

Highwoods Properties, Inc.

PNC

Ramey Kemp & Associates, Inc.

SAS Institute, Inc.

Smith Moore Leatherwood LLP

STV, Inc.

Summit Design and Engineering Services

The Special Event Company

The Umstead Hotel & Spa

TheeDesign

Wake Technical Community College

York Properties, Inc./

McDonald-York Building Company

RTA 2018 QuickTour Sponsors

HNTB North Carolina, PC

North Carolina Railroad Company

STV, Inc.

VHB

2018 RTA QuickTour

Rapid transit in the Triangle

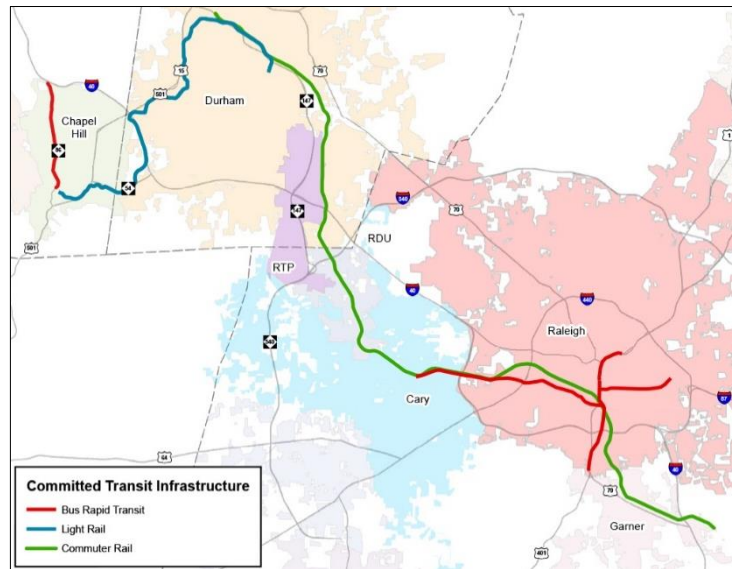


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Rapid transit in the Triangle region

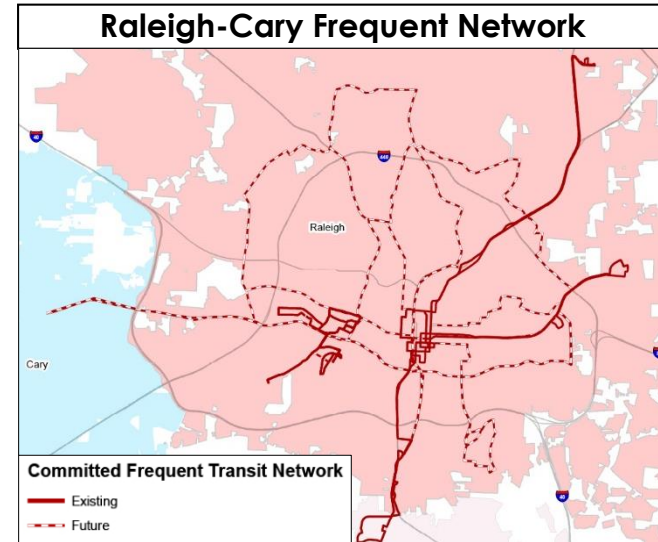
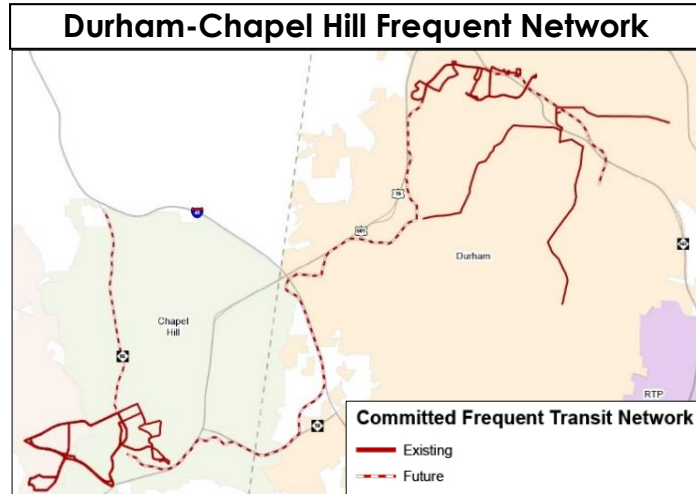
6 proposed rapid transit lines

1 BRT corridor	Chapel Hill	8 mi	2022
4 BRT corridors	Raleigh, Cary	20 mi	2027
1 light rail line	Durham-Chapel Hill	18 mi	2028



Rapid transit in the Triangle region

70+ new miles of frequent transit service proposed



Business Community Welcome

Kim Scheeler
President & CEO, ChamberRVA



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Welcome to Richmond

Mayor Levar Stoney
City of Richmond



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2018 QuickTour

RTA Team intros

Joe Milazzo II
RTA Executive Director



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RTA 2018 QuickTour staff

- *Natalie Griffith*
- *Keri Gloth*
- *John Johnston*
- *Joe Milazzo*

Agenda Overview

Natalie Griffith

RTA Sr. Marketing and Policy Manager



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RTA 2018 QuickTour Agenda

Presentations at ChamberRVA

- Pulse BRT overview and frequent bus network redesign
- Transit-oriented land use planning and redevelopment

Field Visit

- Pulse BRT service, station design, passenger experience, bike share

Lunch Keynote

- Agency collaboration and lessons learned



RTA 2018 QuickTour

Share comments and photos



Overview of Pulse BRT and transit network redesign

Carrie Rose Pace
Greater Richmond Transit Company



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Pulse BRT overview and transit-oriented development

Carrie Rose Pace

Greater Richmond Transit Company

Mark Olinger

City of Richmond



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GRTC UPDATE

New & Enhanced Bus Routes
New Technology



August 7, 2018

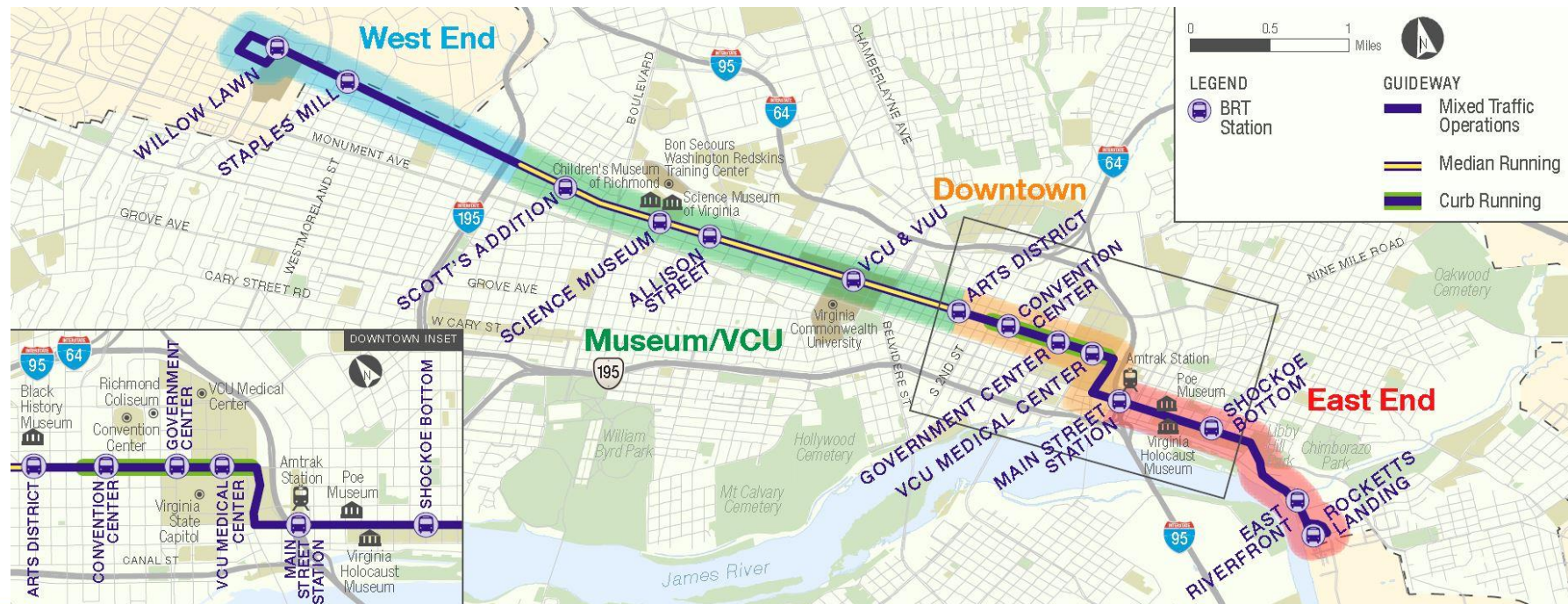
Overview by:



Carrie Rose Pace
Greater Richmond Transit Company
Director of Communications



GRTC PULSE ROUTE



GRTC PULSE DESCRIPTION

GRTC Pulse is a modern, high quality, high capacity bus rapid transit system connecting riders to destinations in the City of Richmond and Henrico County.

- Frequency: 10 minutes on-peak, 15 minutes off-peak, 30 minutes late-night
- Off-board fare collection (Ticket Vending Machines & Mobile Pass)
- Modern bus rapid transit vehicles
- 14 station locations: 5 median, 9 curbside
- Route length: 7.6 miles
- Dedicated Bus-Only lanes: 3.2 miles
- Transit-signal priority
- Fare: \$1.50 (same as local fare)





More Time For Life.



High Frequency

Buses every 15 minutes (or better)
6 am – 11:30 pm, seven days a week

	AM PEAK 6:00–9:00 am	MIDDAY 9:00 am–4:00 pm	PM PEAK 4:00–7:00 pm	OFF PEAK Night	LATE NIGHT 11:30 pm–1:00 am
Weekday 5:30 am–1:00 am	10 MIN	15 MIN	10 MIN	15 MIN	30 MIN
Weekends 6:00 am–1:00 am	operates every 15 minutes during the day				30 MIN

Sponsored By:



VCU & GRTC UNLIMITED TRANSIT ACCESS

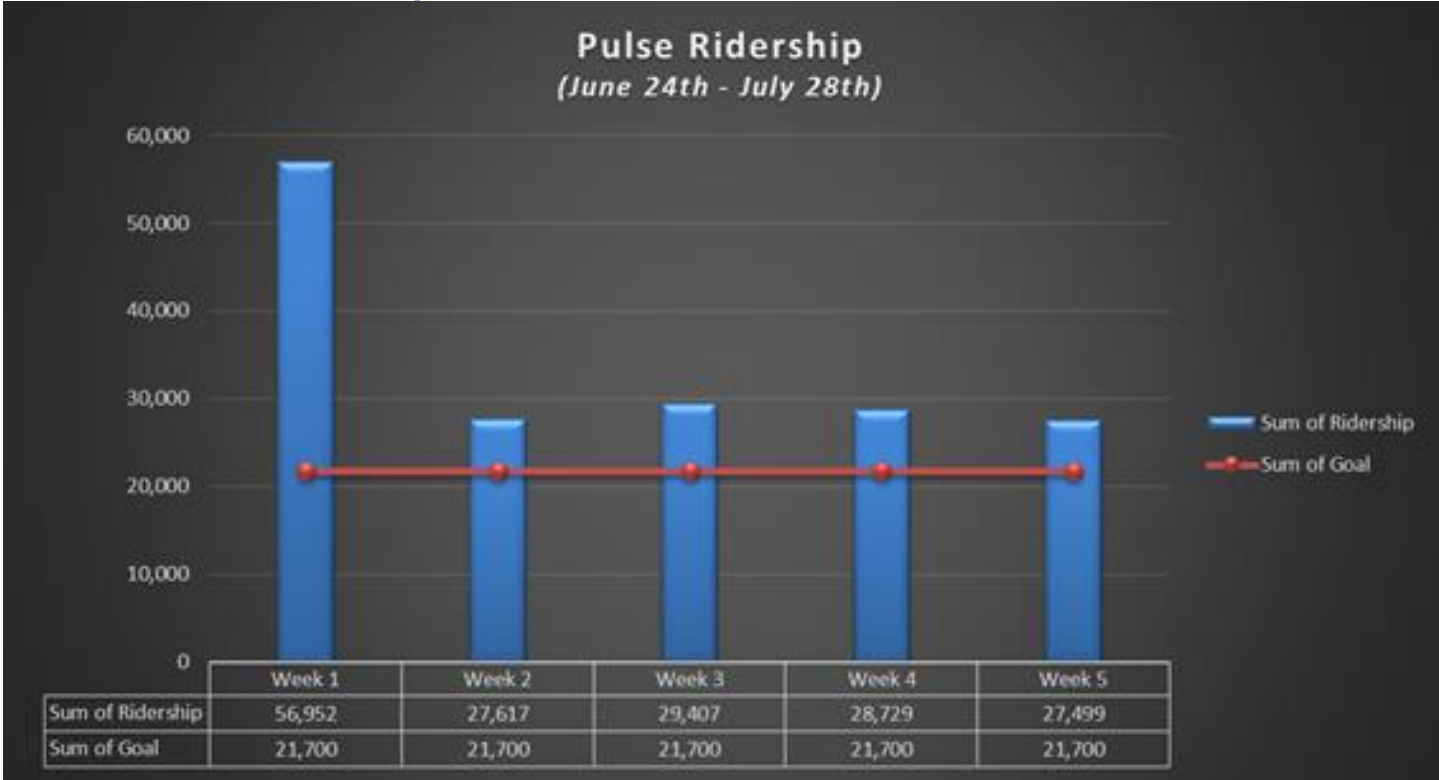
“Because VCU is on board in this capacity, we can also explore enhancing other local service in the city of Richmond. We recognize how important it is to collaborate with riders and the city on improvements to the new network while remaining budget-conscious; this kind of partnership allows GRTC to evaluate service enhancements that were not possible without VCU’s investment.”

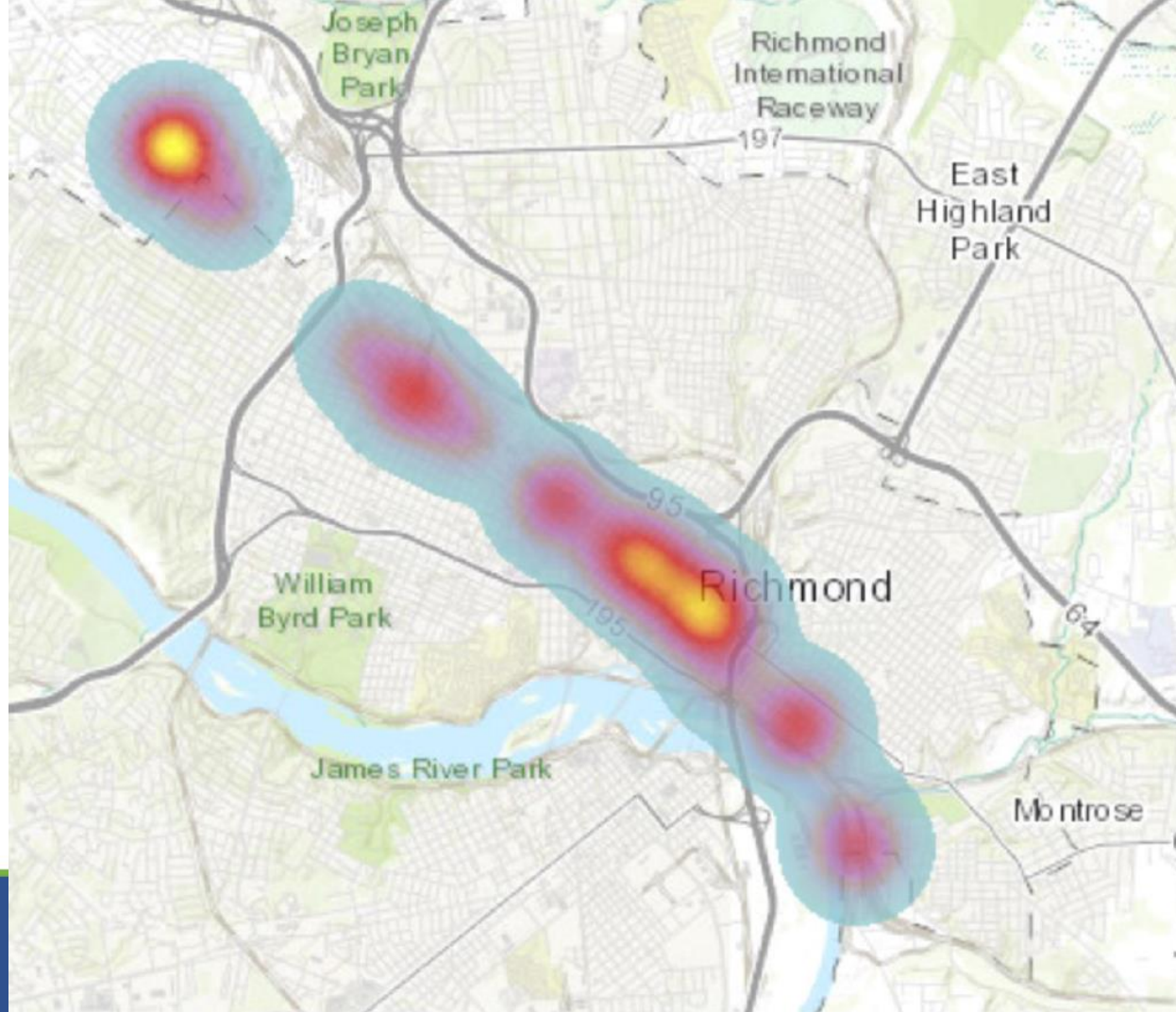
Gary Armstrong, Chairman, GRTC Board of Directors

GRTC PULSE



PULSE RIDERSHIP NUMBERS





GRTC PULSE | SAFETY & HOW TO RIDE

Median Station Access:



GRTC PULSE | SAFETY & HOW TO RIDE

New Bike Parking & Safety:

- There is bike parking at all Pulse station areas, as well as on the front of all Pulse vehicles. Foldable or compact bikes are welcome inside Pulse vehicles.
- Please walk bikes through Pulse station platforms, bike ramps and crosswalks. Please only load bikes on the front of Pulse vehicles via the bike ramp.
- Please do not bike in Bus Only marked lanes, unless Downtown between 4th and 14th Sts.



GRTC PULSE | NEW WAYS TO PAY

Riding The Pulse: Paying to Ride

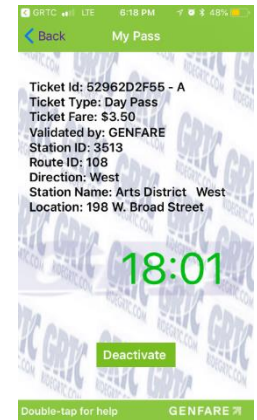
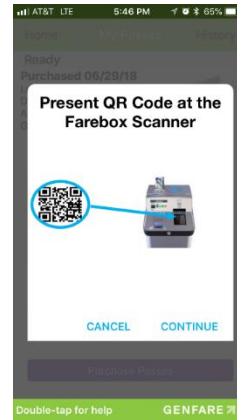
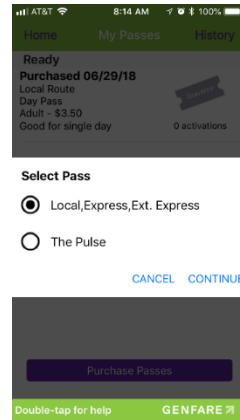
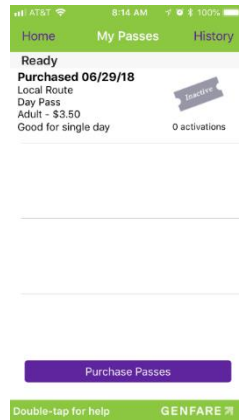
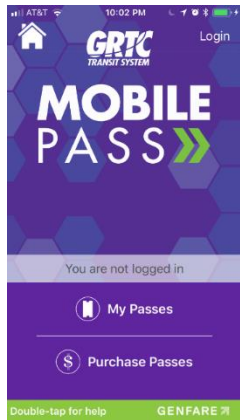
- Ticket Vending Machines: off-board fare collection. Passes active when issued!
 - Credit/debit
 - Cash/coin (change issued)
 - Activate/use tap passes (e-pass, u-pass, Unlimited Ride passes)
- Mobile Payment: scan mobile pay QR code at station.
- Passes issued from GRTC fareboxes accepted as proof of payment.
- FREE for CARE customers.
- Have your proof of payment ready for inspection by a Fare Enforcement Inspector.



MOBILE PASS

Apple & Android Devices

- Major Credit/Debit Cards Accepted
- Working to add more pass options in V.2
 - Currently offer Local, Express & Extended Express Unlimited Ride Passes
- Have your proof of payment ready for inspection by a Fare Enforcement Inspector (Pulse) or an Operator (farebox).



MORE MAJOR IMPROVEMENTS

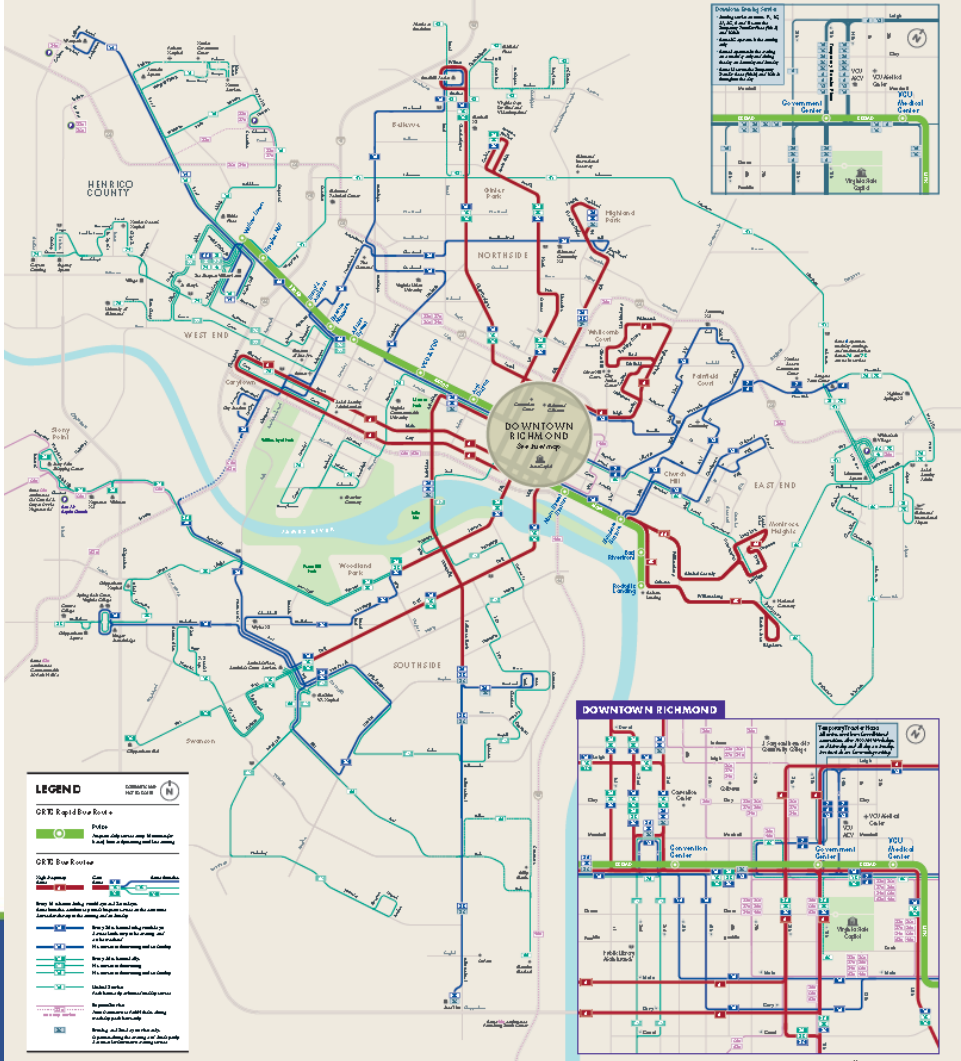
- New bus stop signs & spacing
- New City bus network & service enhancements in Henrico Co
 - Consistent schedules
 - Improved frequency
 - Expanded coverage
 - More weekend service
 - More connection points
- Mobile app update available now



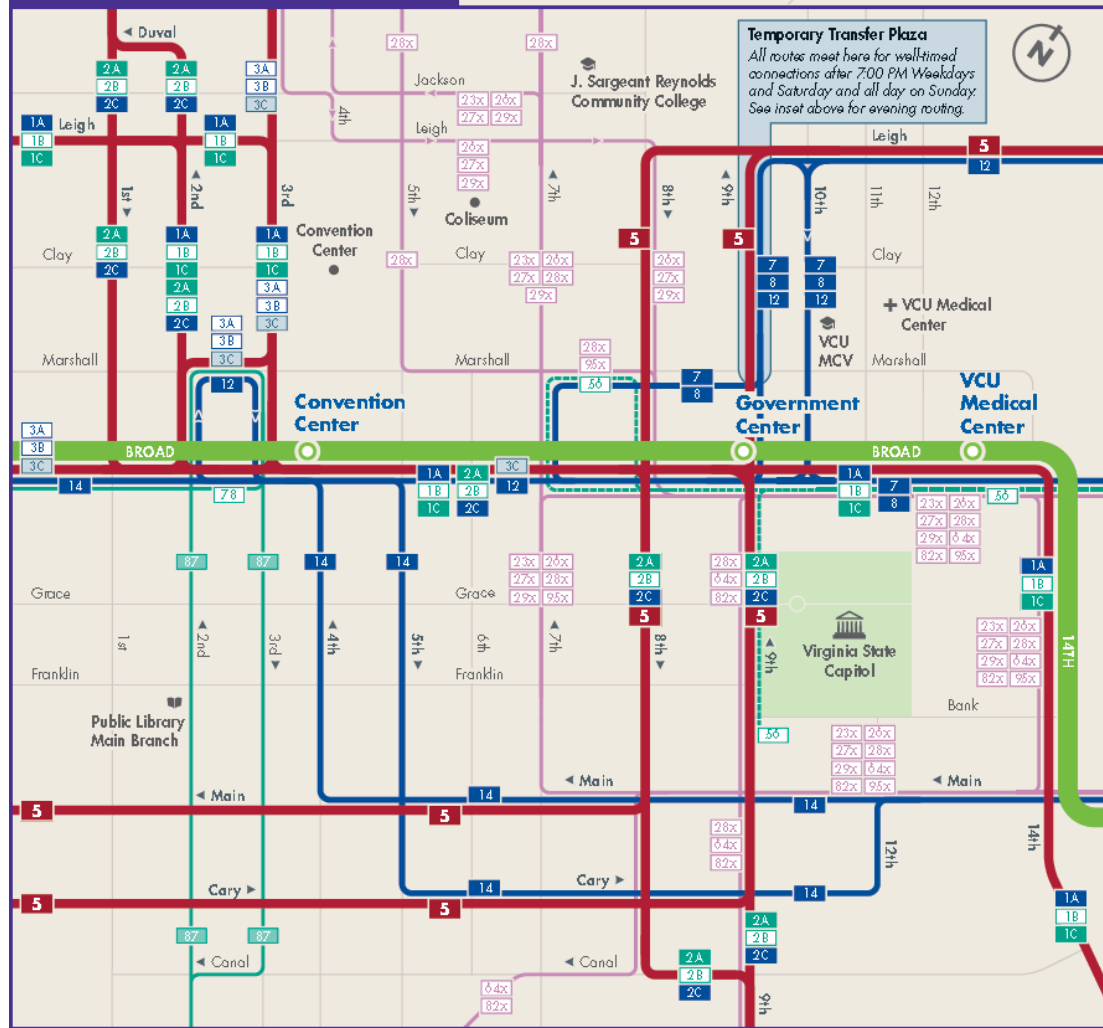
Richmond Transit Network Plan & Henrico County Route Adjustments

- Frequencies:
 - Pulse Green = 10-15-minute frequency
 - Red = 15-minute frequency
 - Blue = 30-minute frequency
 - Green = 60-minute frequency
- Nights & Sundays: many routes still go to the Temporary Transfer Plaza, but not all.

Map June 24, 2018

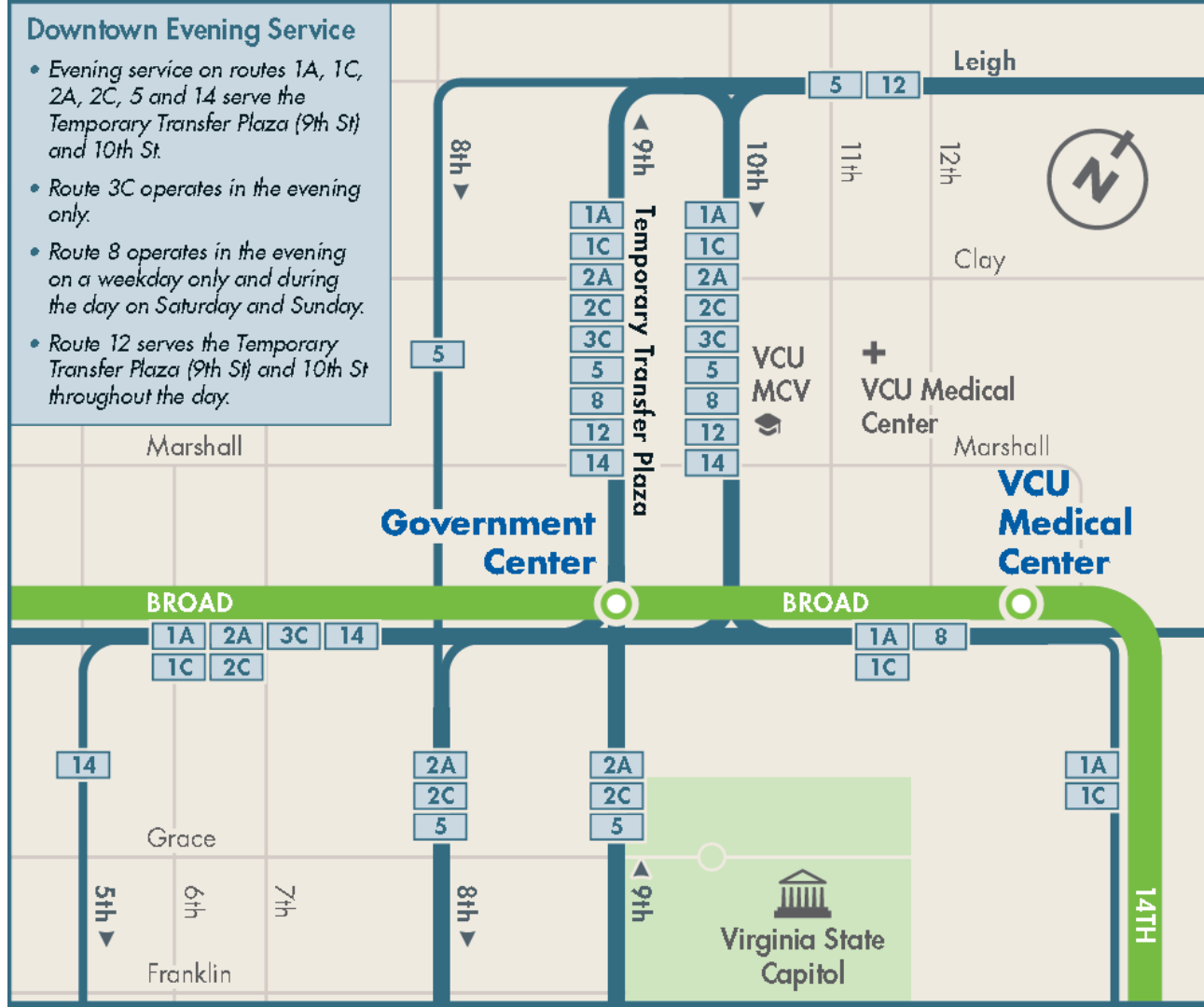


DOWNTOWN RICHMOND



Downtown Evening Service

- Evening service on routes 1A, 1C, 2A, 2C, 5 and 14 serve the Temporary Transfer Plaza (9th St) and 10th St.
- Route 3C operates in the evening only.
- Route 8 operates in the evening on a weekday only and during the day on Saturday and Sunday.
- Route 12 serves the Temporary Transfer Plaza (9th St) and 10th St throughout the day.



Contact for more information:

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Specialist

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Transit-oriented development Pulse BRT corridor

Mark Olinger
City of Richmond



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Pulse BRT overview and transit-oriented development

Carrie Rose Pace

Greater Richmond Transit Company

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