



### COFFEE & CONSTRUCTION ONLINE

October 2020
Perimeter Community Improvement Districts



### **AGENDA**

#### **Presentations**

- Marlo Clowers, Georgia Department of Transportation
- John Gurbal, Perimeter Community Improvement Districts
- Johann Weber, Perimeter Connects

### HOUSEKEEPING

#### Join audio:

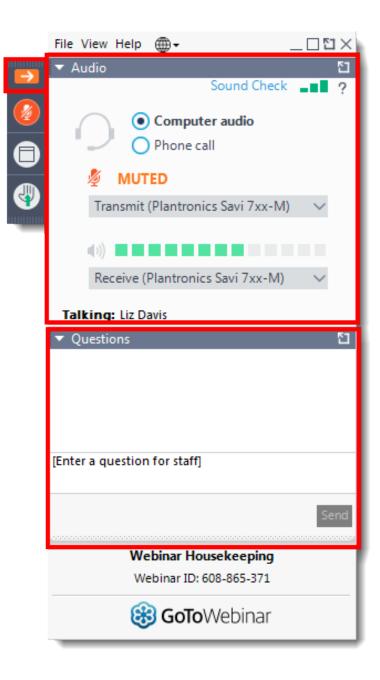
- Choose Computer Audio or
- Choose Phone Call and dial using the information provided

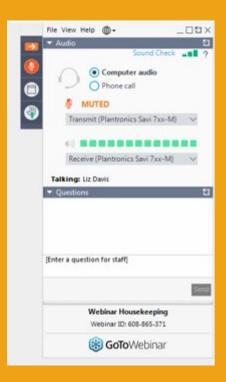
#### Trivia questions:

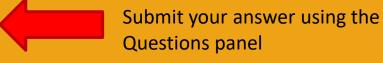
Submit answers to questions using the Questions panel and you could win a \$25 Grubhub gift card!

#### Q & A:

Send questions for the presenters using the Questions panel. 3
 Questions will be addressed after each speaker, with more time
for questions at the end of the event.







2020 has been the best time for bike sales since what decade?

A: 1950s

B: 1970s

C: 1890s

**D: 2010s** 

2020 has been the best time for bike sales since what decade?

A: 1950s

**B:** 1970s

C: 1890s

D: 2010s

It's mandatory to vote in which of these countries:

1: Canada

2: Australia

3: The United Kingdom

4: New Zealand

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1: Canada

2: Australia

3: The United Kingdom

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### Transform 285/400

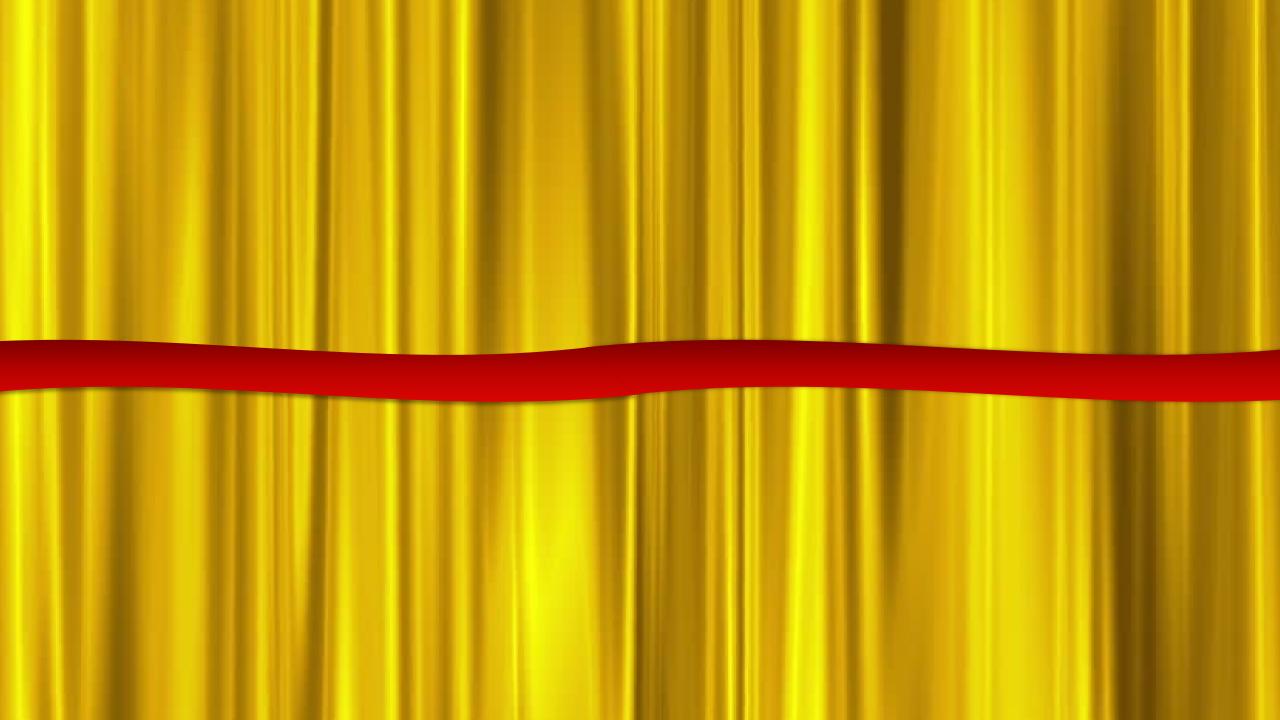
Marlo L. Clowers, P.E., DBIA, PMP P3 Project Manager

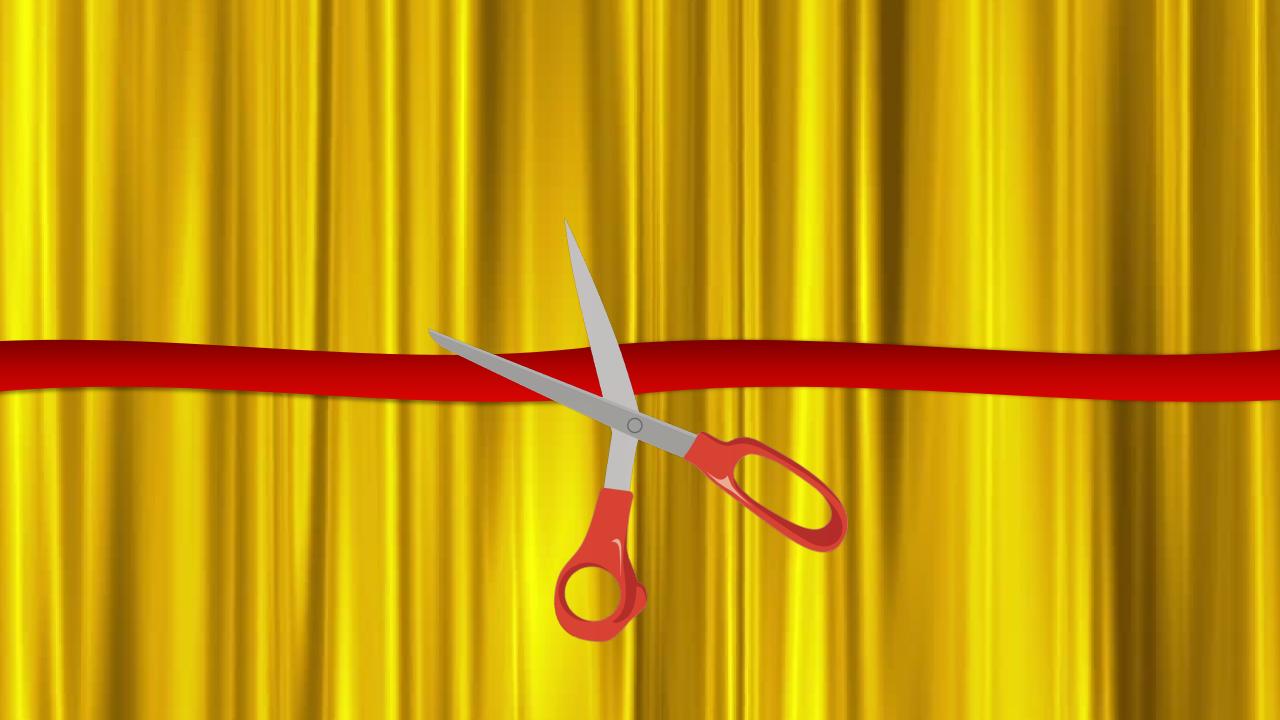
Coffee and Construction October 27, 2020

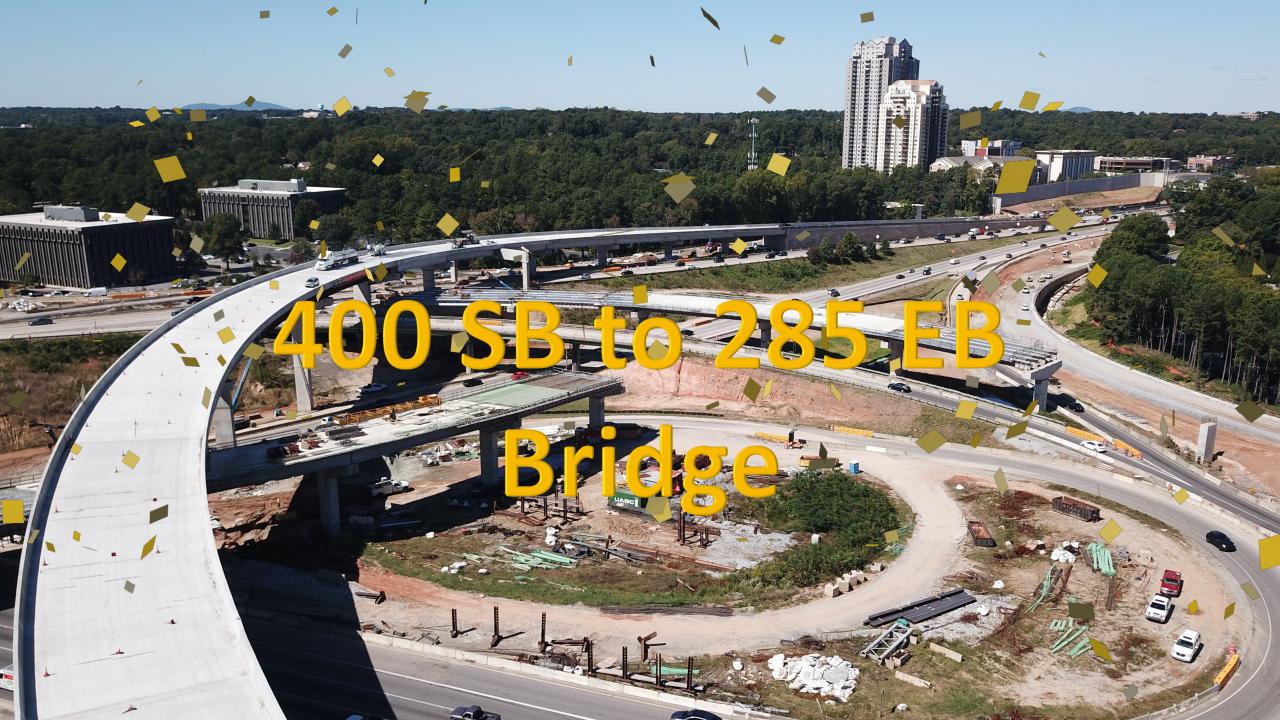
















### Transform 285/400

Marlo Clowers, P.E., DBIA

P3 Project Manager

Coffee and Construction October 27, 2020











## Agenda

- Project Overview
- Construction Progress to Date
- Major Traffic Changes
- Minor Traffic Changes
- Future Construction Activities
- Commute During Construction
- Public Information





# Project Overview







## Project Overview

#### I-285 at SR 400 Interchange

New Ramps and Flyover Bridges

#### 1-285

- Long Island Drive to east of Ashford Dunwoody Road
- New Collector-Distributor (CD) Lanes & Bridges
- Bridge Replacements: Glenridge, SR 400, Peachtree Dunwoody
- Bridge Deck Improvements: Long Island and Lake Forrest

#### **SR 400**

- Glenridge Connector to Pitts Road
- New CD Lanes & Bridges
- Bridge Replacement at Mount Vernon
- Abernathy Road DDI







### Project Benefits



Reduce traffic congestion



Improve traffic flow



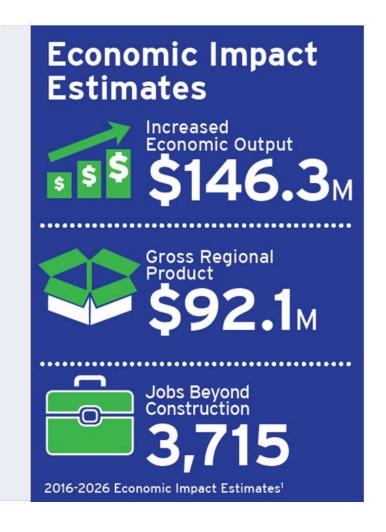
Enhance safety



Prevent worsening traffic delays over time



Support regional growth and development





## Project Quick Stats















# Construction Progress to Date



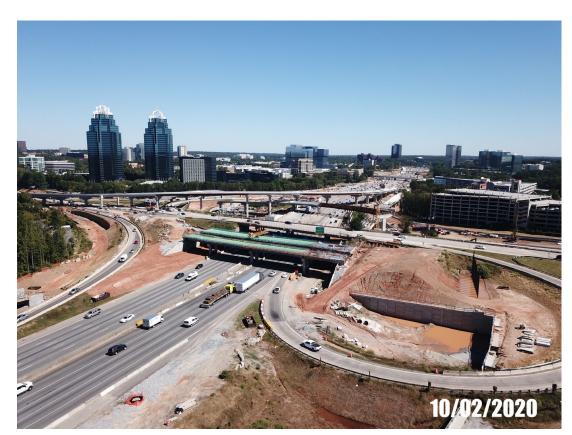




## Construction Progress: I-285/SR 400 Interchange



Q3 2019



Q3 2020



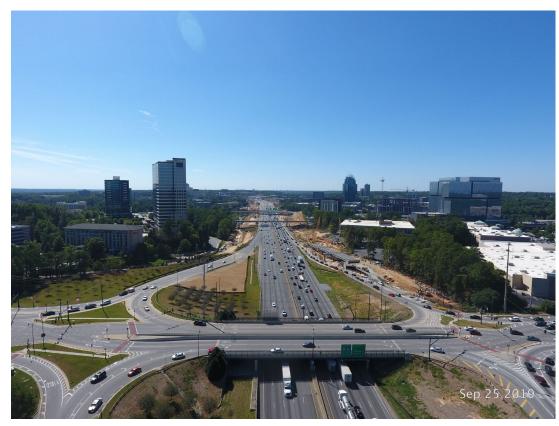
### Construction Progress: I-285/SR 400 Interchange



- SR 400 southbound to I-285 eastbound flyover ramp opened to traffic October 5
  - Opening the flyover ramp will allow crews to complete other bridge construction
- Temporary ramps
- Bridge beam settings and construction



## Construction Progress: I-285 at Ashford Dunwoody Road



Q3 2019



Q3 2020



### Construction Progress: I-285

#### Ramps

 Glenridge Drive to I-285 westbound permanent ramp partially open to traffic

### Blasting

 I-285 eastbound from Roswell Road to Glenridge Drive

### Bridge Construction

- Ashford Dunwoody Road
- Peachtree Dunwoody Road
- Glenridge Drive
- Roswell Road

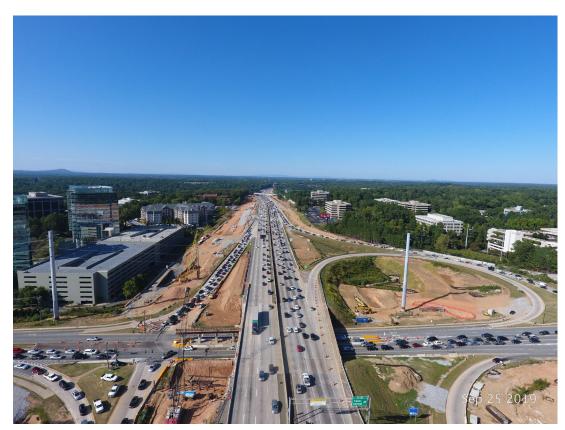
#### Noise Barrier Construction

- I-285 eastbound from Roswell Road to Glenridge Drive
- I-285 westbound from Long Island Drive to Mount Vernon Highway





## Construction Progress: SR 400 at Abernathy Road



Q3 2019



Q3 2020



### Construction Progress: SR 400



Bridge at Abernathy Road to SR 400 southbound

#### Ramps

 SR 400 northbound to Abernathy Road westbound and eastbound ramp combined

### Bridge Construction

- Abernathy Road
- Mount Vernon Highway: Phase 2
- SR 400 northbound from Hammond Drive to Mount Vernon Highway

#### Noise Barrier Construction

- SR 400 northbound from Hammond Drive to Mount Vernon Highway
- SR 400 northbound just before Spalding Drive
- SR 400 northbound from Spalding Drive to Pitts Road
- SR 400 southbound from Pitts Road to Spalding Drive

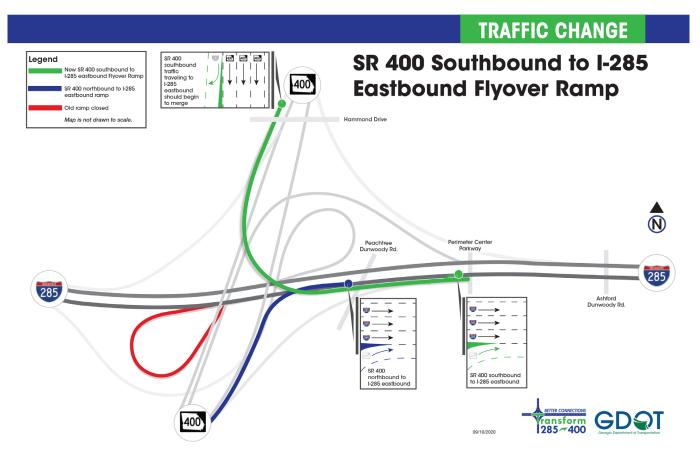


Major Traffic Changes





### SR 400 Southbound to I-285 Eastbound

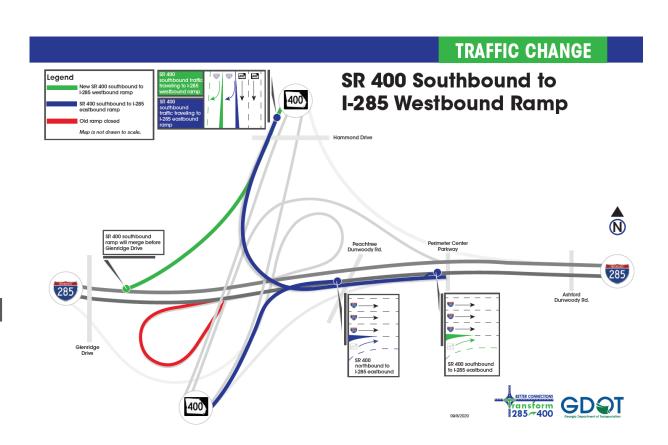


- Opened October 5
- One lane on bridge open
  - Ultimate configuration will be two lanes
- Motorists on SR 400 southbound will begin to merge in the farthest right lane just before Hammond Drive
- Motorists will merge onto I-285 eastbound at the Perimeter Center Parkway overpass



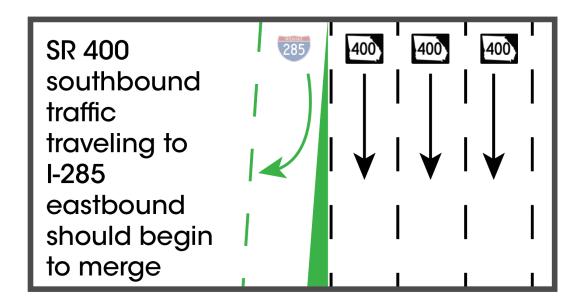
### SR 400 Southbound to I-285 Westbound

- Expected to open December 2020
- Motorists on SR 400 southbound will begin to merge in the farthest right lane just before Hammond Drive
- Will merge with I-285 westbound just before Glenridge Drive

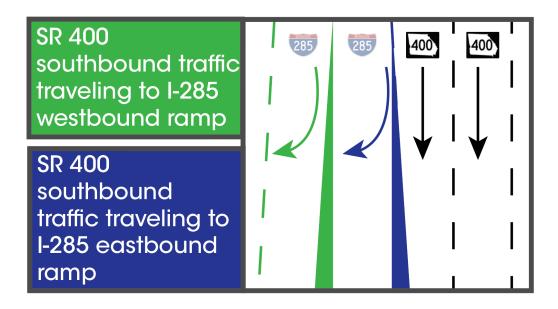




### SR 400 Southbound to I-285 Eastbound and Westbound



Until the SR 400 southbound to I-285 westbound ramp opens, motorists will use the farthest right lane to access the SR 400 southbound to I-285 eastbound



When the SR 400 southbound to I-285 westbound ramp opens, motorists will use the farthest right lane to access the SR 400 southbound to I-285 westbound ramp



### I-285 Westbound to SR 400 Northbound

- Expected to open Q1 2021
- Motorists will need to begin to merge from I-285 westbound to SR 400 northbound before Peachtree Dunwoody Road
- SR 400 northbound traffic will merge just before Hammond Drive



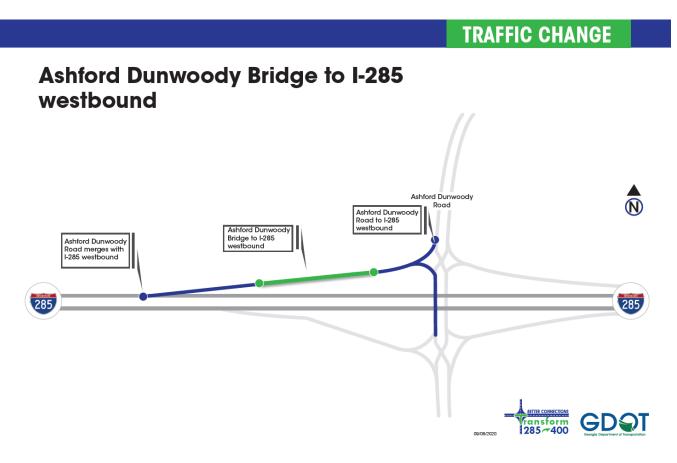


Minor Traffic Changes





### Ashford Dunwoody Road to I-285 Westbound



- Expected to open November 2020
- Motorists traveling on Ashford Dunwoody Road will merge onto the ramp and bridge to I-285 westbound
- Will merge with I-285
  - This alignment is in a similar footprint as the existing Ashford Dunwoody Road to I-285 westbound ramp



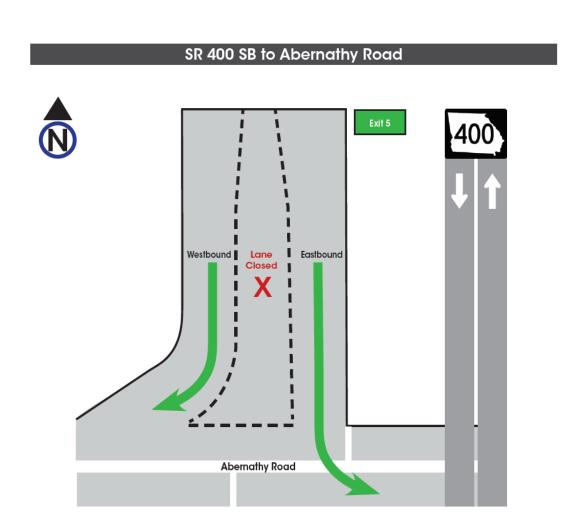
## Other Alignment Openings

### SR 400 Southbound to Abernathy Road

- Expected to open November 2020
  - Motorists will begin to merge onto the Abernathy Road exit-ramp just after the MARTA North Springs bridge
  - Ramp will have one left turn lane and one right turn lane onto Abernathy Road

### I-285 Eastbound to Glenridge Drive

- Expected to open November 2020
  - Potential for longer term impacts for pedestrians as construction will conflict with sidewalks.
  - This alignment is in a similar footprint as the existing I-285 eastbound ramp to Glenridge Drive





## Traffic Changes

#### I-285 at SR 400 Interchange

- Ramps and Flyover Bridges
  - SR 400 southbound to I-285 eastbound October 2020
  - SR 400 southbound to I-285 eastbound November 2020
  - I-285 westbound to SR 400 northbound Q1 2021

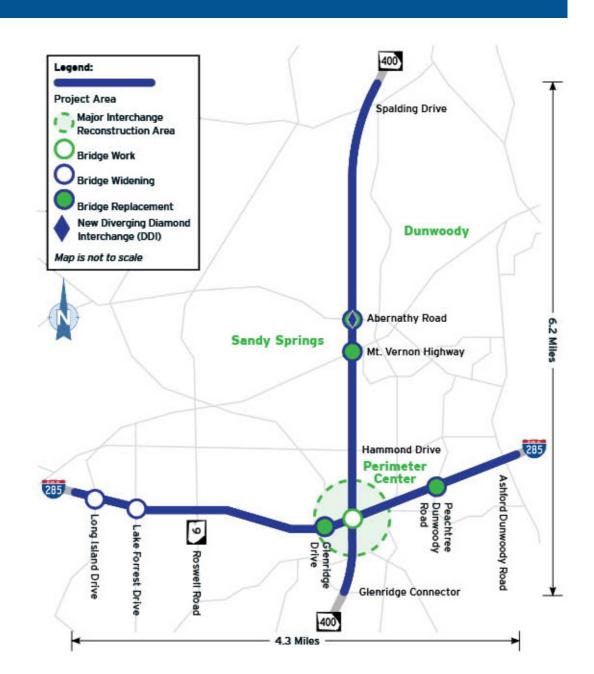
#### 1-285

- I-285 eastbound to Glenridge Drive November 2020
- Ashford Dunwoody Road ramp to I-285 westbound – November 2020

#### **SR 400**

 SR 400 southbound at Abernathy Road – November 2020





## Future Construction







## Holiday Lane Closure Hours



- Sunday, November 29 through Monday, January 4
- Monday Friday
  - 11 p.m. to 5 a.m.
- Saturday and Sunday
  - 11 p.m. to 7 a.m.
- More specific lane closure restrictions will be announced by GDOT
- Lane closures may take place outside of these hours with permission from GDOT



### I-285 Lane Shifts: Phase 1

- I-285 eastbound and westbound from Roswell Road to Ashford Dunwoody Road
- The inside lanes will close to the traffic and will be pushed to the outside
- Crews will work the I-285 bridges over Glenridge Drive, SR 400, and Peachtree Dunwoody Road
- Phase 1 implementation expected Q1 2021
  - Parts of the lane shift will open gradually before the full implementation
- Motorists will need to make exit choices sooner



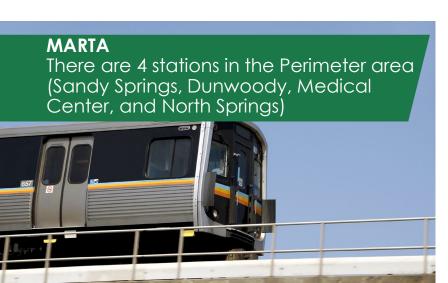
Commute Options
During Construction

















# Adjacent Georgia DOT Projects







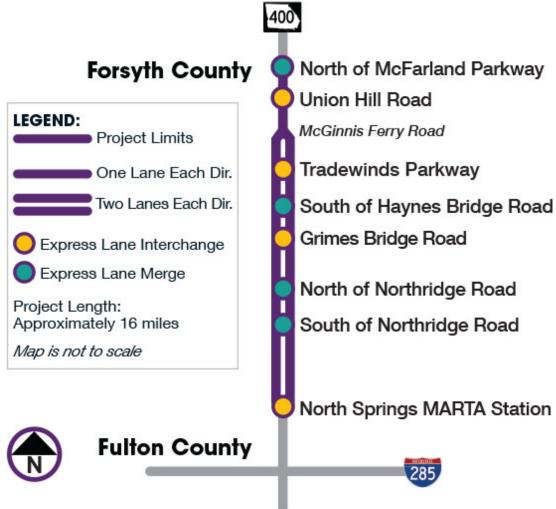
## Adjacent Projects





## SR 400 Express Lanes

- Project limits between the North Springs MARTA Station and McFarland Parkway
  - Two new express lanes in each direction from the North Springs MARTA Station to McGinnis Ferry Road
  - One new express lane in each direction from McGinnis Ferry Road to just north of McFarland Parkway
- Express Lanes Transit in the form of Bus Rapid Transit (BRT) being incorporated
- Project currently in procurement; developer selection scheduled for Q3 2021





### I-285 Top End Express Lanes



- Two new barrier-separated express lanes in both directions – at grade and elevated – from I-75 to I-85
- One express lane from I-75 to Paces
   Ferry Road and I-85 to Henderson Road

- Currently in Environmental phase
  - Local coordination regarding express lanes and transit access points
  - Public Hearing Open House (PHOH) 5 et for Q2 2021



## Adjacent Project Contact Information



Email: 400expresslanes@dot.ga.gov

Voicemail: 404-556-9816

Website:

https://majormobilityga.com/projects/sr400/



Email: TopEndExpressLanes@dot.ga.gov

Voicemail: 404-978-7490

Website:

https://majormobilityga.com/projects/topend/



## Public Information







### Public Information

### Visit us online!

- Access Traffic Impact Reports
- Find project information and resources
- View project maps
- Read project newsletters
- Check out the image gallery of the project
- Subscribe to receive updates



Weather permitting, Georgia Department of Transportation construction partners will close lanes on local roads and close lanes on I-285 and SR 400. Crews will also implement multiple detours for the Transform 285/400 Interchange project. Travel restrictions include possible delays, reduced speeds and detours in some areas.

\*NOTES: Work schedule updates can be made daily. Check project webpage often for the latest updates. De our information is shown using red text. Closures with an asterisk (\*) may require alte nate dates are to weather conditions or other factors.

#### Daytime Closures:

Traffic Pacing on I-285 eastbound rum Ro well Road to Perimeter Center Parkway: Wednesday, March 11, 1:30 p.m. to / p n. Friday, March 13, 1:30 p.m. to 2 p.m.

Traffic Pacing on I-285 westbound from Chamble, Duny and Road to Perimeter Center

Wednesday, March 11, 1:30 p.m. to 2 p.m. Friday, March 13, 1:30 p.m. to 2 p.m.

Traffic Pacing on Perimeter Center Parkway from Lake Hearn Drive to Hammond Drive: Wednesday, March 11, 1:30 p.m. to 2 p.m. Friday, March 13, 1:30 p.m. to 2 p.m.

Traffic pacing on SR 400 northbound from Hammond Drive to Mount Vernon Highway: Wednesday, March 11 through Saturday, March 14, 9 a.m. to 5 p.m.

#### Overnight Closures:

Monday, March 9 through Wednesday, March 11, 9 p.m. to 5 a.m. (2 nights) Closure and Detour: SR 400 northbound to Abernathy Road eastbound Click here to view detour map

 Motorists traveling on SR 400 northbound to Abernathy Road eastbound should exit at Abernathy Road westbound (Exit 5B). Motorist should follow Abernathy Road westbound before turning left on to Barfield Road. Motorist should turn left on to Mount Vernon Highway to access to Abernathy Road eastbound





## Connect with Transform 285/400



Email: transform285400@dot.ga.gov

Hotline: 404-609-4609

Website: <a href="http://www.dot.ga.gov/BuildSmart/Projects/Pages/1285SR400.aspx">http://www.dot.ga.gov/BuildSmart/Projects/Pages/1285SR400.aspx</a>



Social Media: #Transform285400















www.dot.ga.gov



What was the most searched recipe in March and April, according to Google?

A: Pizza Dough

**B:** Brownies

C: Banana Bread

**D: Pancakes** 

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According to recent research from U. of Texas and U. of Chicago, what's the "best" form of communication, in terms of reported bonds by both parties after communication?

1: Video call

2: Voice call

3: Text message

4: Email

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PCIDs
Traffic Congestion Relief
Projects 2020



### **Traffic Congestion Relief Projects**

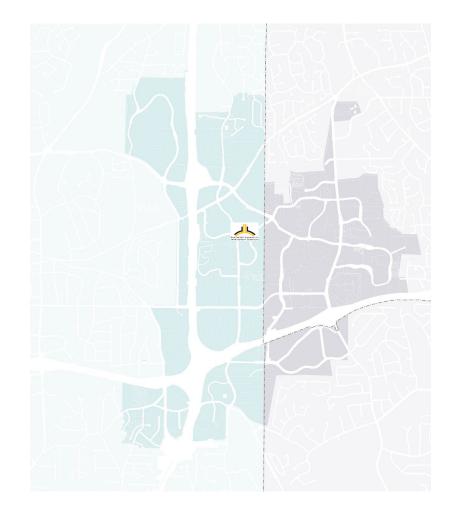
- 1.Crestline at Peachtree Dunwoody Rd Intersection
- 2. Perimeter Center West at Perimeter Center PKWY
- 3. Perimeter Center West at Crown Pointe PKWY
- 4. Ashford Dunwoody Corridor Improvements
- 5. Ashford Dunwoody Trail Phase 1
- 6. Ashford Dunwoody Trail Phase 2
- 7. Hammond Drive Turn Lane Extension
- 8. Ashford Dunwoody On-Ramp
- 9.Perimeter Summit Parkway at Ashford Dunwoody
  Turn Lane Extension
- 10.Glenridge Connector West Bound Turning Lane Onto Johnson Ferry



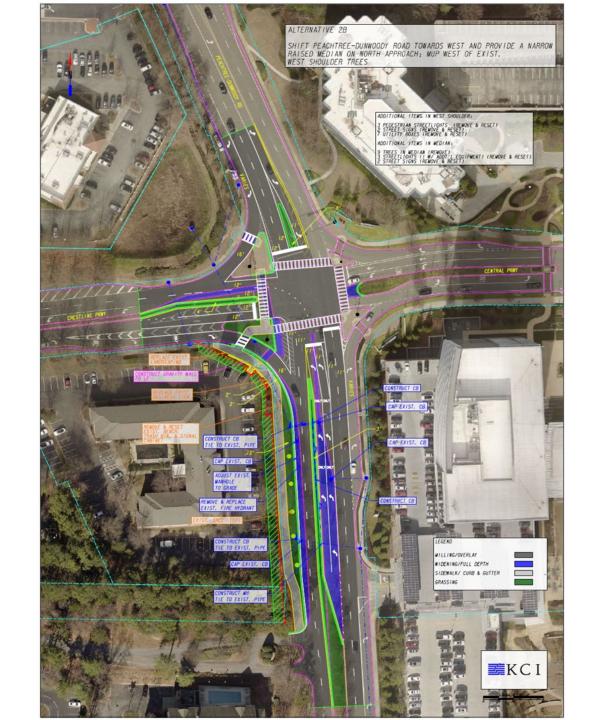
# Crestline at Peachtree Dunwoody Rd Intersection Improvements

### **Project Description**

- Adding a 2nd left turn lane from North Bound Peachtree Dunwoody Road to West Bound Crestline Pkwy, and Improving sight distance for South Bound Peachtree Dunwoody Left turns onto East Bound Central Parkway
- Constructing a 10 foot Multi-Use trail on the West side of Peachtree Dunwoody Road
- All widening of Peachtree Dunwoody Road will be on the West side of the road
- Provide A Narrow-Raised Median On North Approach



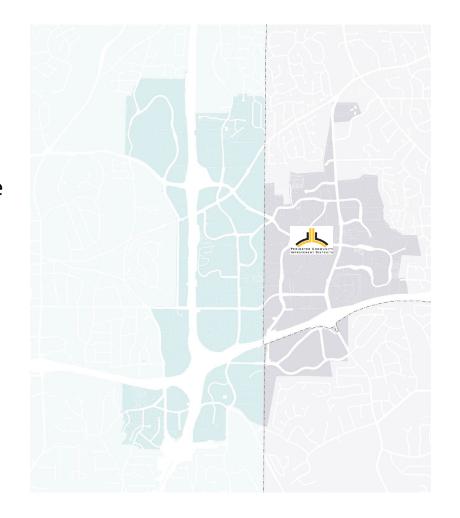
Consultant - KCI



# Perimeter Center West at Perimeter Center Pkwy Intersection Improvements

### **Project Description**

- This project will extend the existing left turn lane from West Bound Perimeter Center West to South Bound Perimeter Center Parkway approximately an additional 200 feet.
- This effort will help to keep vehicles from stacking the left turn lane to the extent where the they block the existing thru lane.



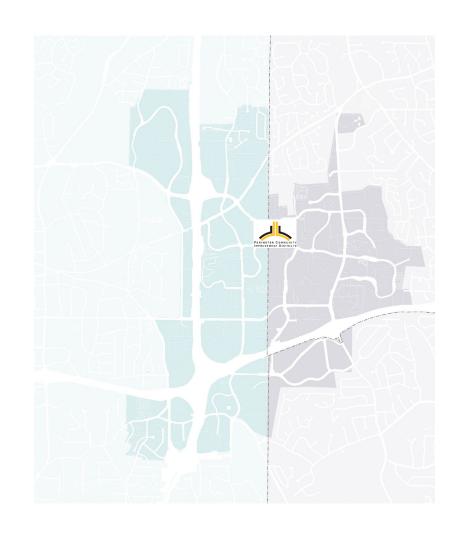


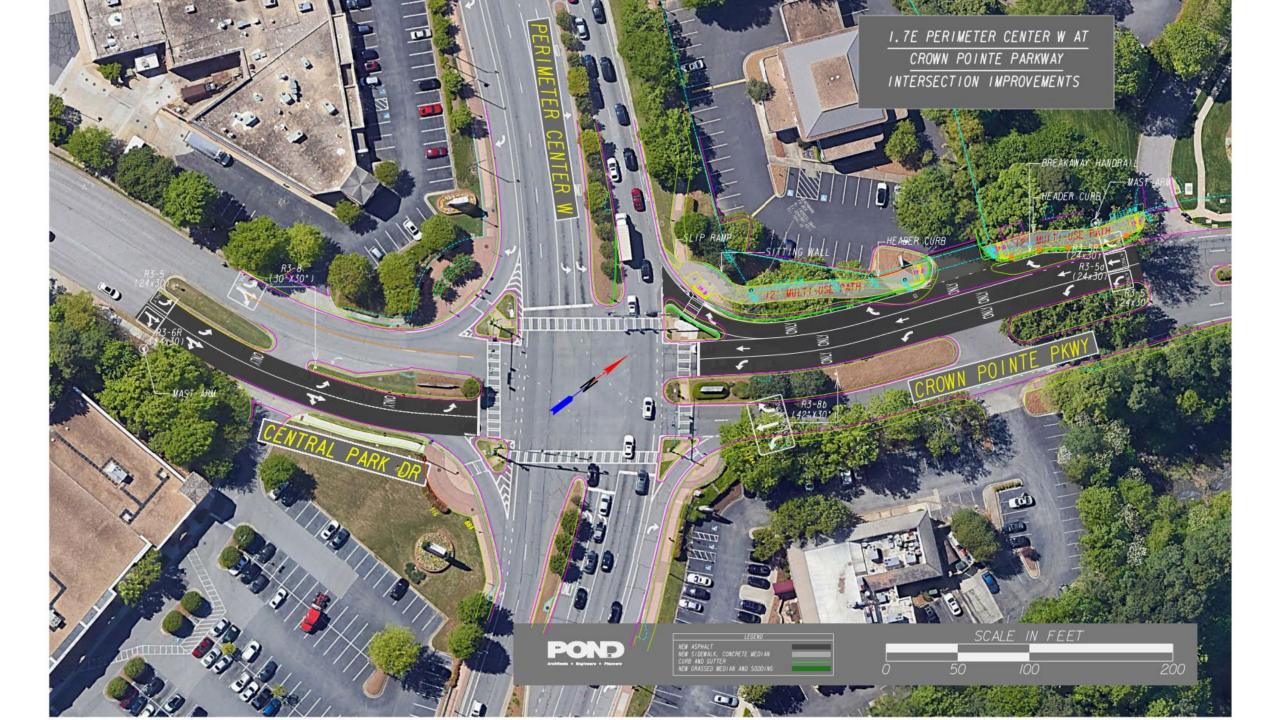


## Perimeter Center West at Crown Pointe Pkwy Intersection Improvement

### **Project description**

- This project will help to relieve congestion and blockage in the thru lanes and turning lanes
- Extend right turn lane on Crown Pointe Pkwy to West Bound Perimeter Center West
- Reassign approaching Crown Pointe Pkwy lanes to extend left turn Crown Pointe Pkwy to East Bound Perimeter Center West
- Extend left turn lane on Central Park Dr to West Bound Perimeter Center West
- Add a 12 'Multi-Use trail on the Northern most side of Crown Pointe Pkwy to coordinate with adjacent redevelopment

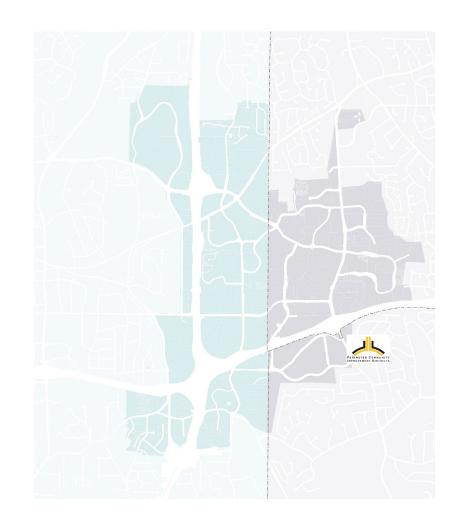


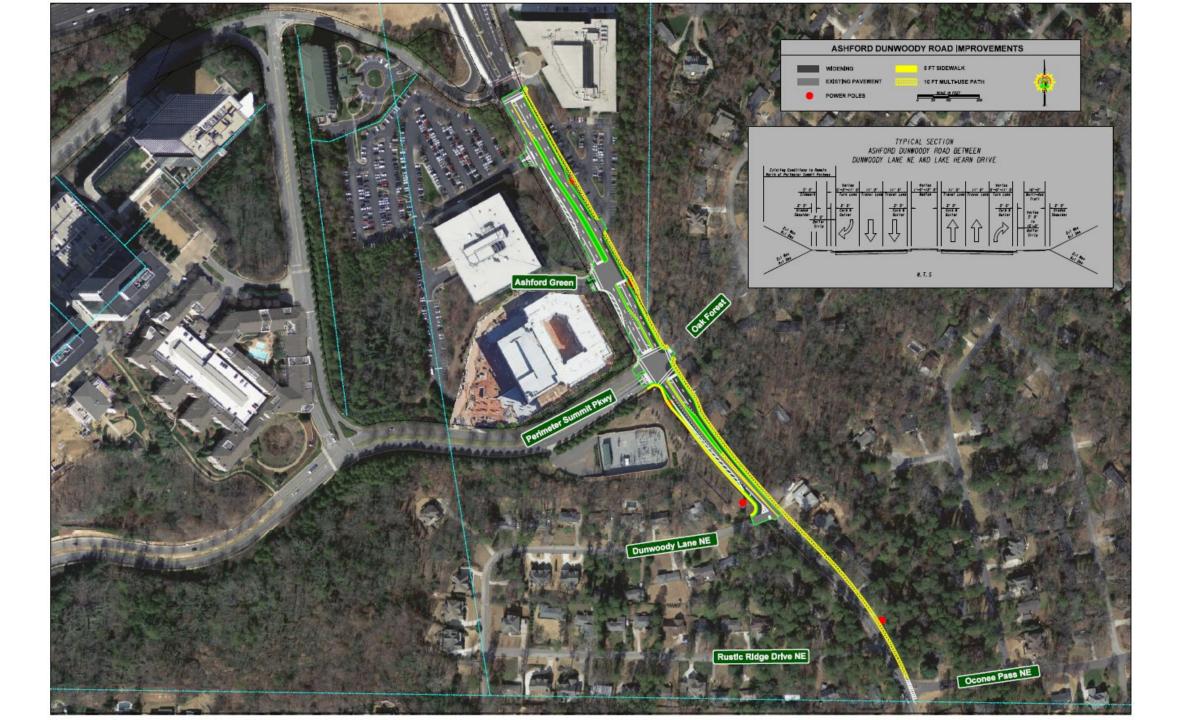


### Ashford Dunwoody Corridor and Trail Improvements

### **Project Description**

- The project will realign lane assignments, and add a raised landscaped median to reduce turning movement conflicts and improve through traffic movement
- Project will have a 10 'Multi-Use Trail on the East side of Ashford
  Dunwoody Rd, and a 5 'sidewalk on the West side of Ashford Dunwoody
  Rd.
- The existing left turn lane on North Bound Ashford Dunwoody to West Bound Perimeter Summit Parkway will be extended
- The Multi-Use trail will be extended southerly to tie into the existing Montgomery Elementary trail. The City of Brookhaven will fund this portion of the trail











### **Ashford Dunwoody Trail Phases 1 and 2**

### **Project Description**

- Construction of bike/ped facilities on Ashford Dunwoody from Hammond to Mt Vernon Rd.
- To be connected to other trail projects in the area including PATH 400 as well as the regional trail system connecting to ATL, Beltline, Silver Comet, and future Top End trail systems.

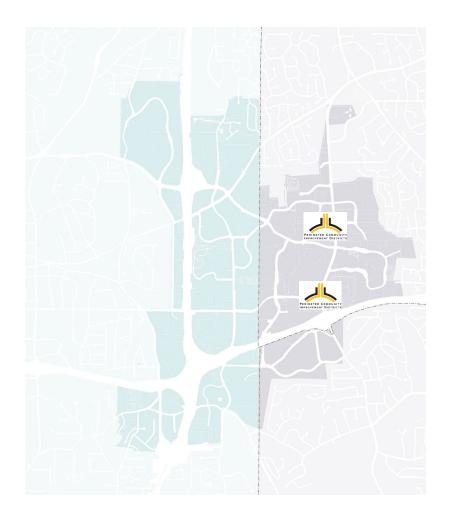
### Phase 1

- Planned to be a two-way cycle track with a separated pedestrian sidewalk
- City of Dunwoody is currently working with the property owner on the Right of Way agreement
- Anticipated start of construction is 1<sup>st</sup> Quarter of 2021

**Consultant-LOWE** 

#### Phase 2

- Project is in Preliminary engineering phase
- Right of Way plans to be completed December of 2020
- Right of Way acquisition to start 1<sup>st</sup> Quarter 2021
- Anticipated start of construction is 3<sup>rd</sup> Quarter 2022



### Phase 1



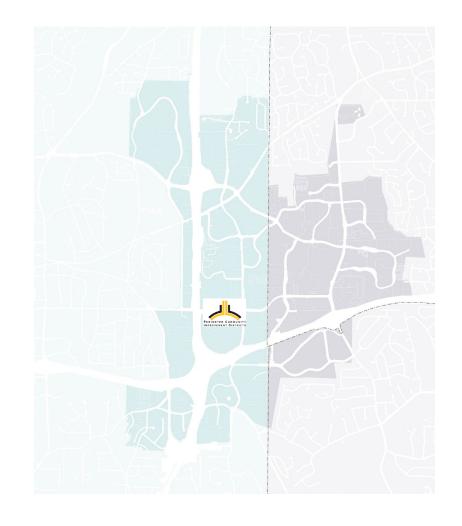
Phase 2



# Hammond Drive Turn @ GA 400 Northbound On-Ramp Lane Extension

### **Project Description**

 This project will extend the turning lane an additional 475 feet to allow Right turn lane access currently blocked by thru West Bound traffic

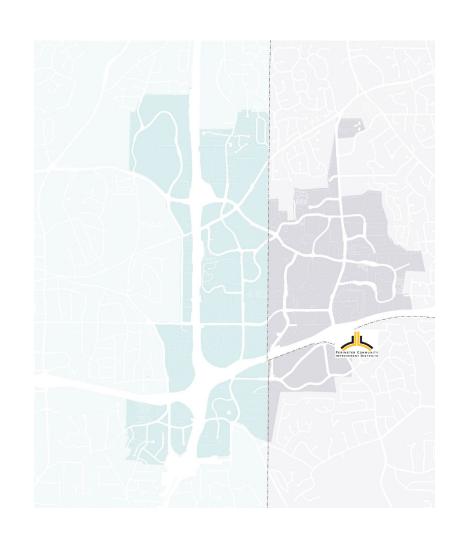




# Ashford Dunwoody I-285 East Bound On-Ramp (1.5) Update

### **Project Description**

- This project would help keep the flow of traffic moving for cars on North Bound Ashford Dunwoody Rd turning onto 285 East Bound
- GDOT approval of Concept report anticipated September 2020
- Preliminary plans anticipated to be completed 4<sup>th</sup> Quarter 2020
- Final Construction Plans to be completed 3<sup>rd</sup> Quarter 2021
- Start of Construction date anticipated to be approved by GDOT in 1<sup>st</sup> Quarter 2022
- Presented to the Dunwoody City Council on August 10<sup>th</sup>
- Dunwoody is officially the Local Government sponsor for this project.

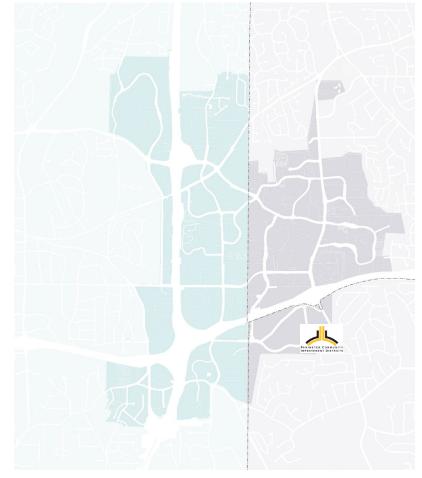




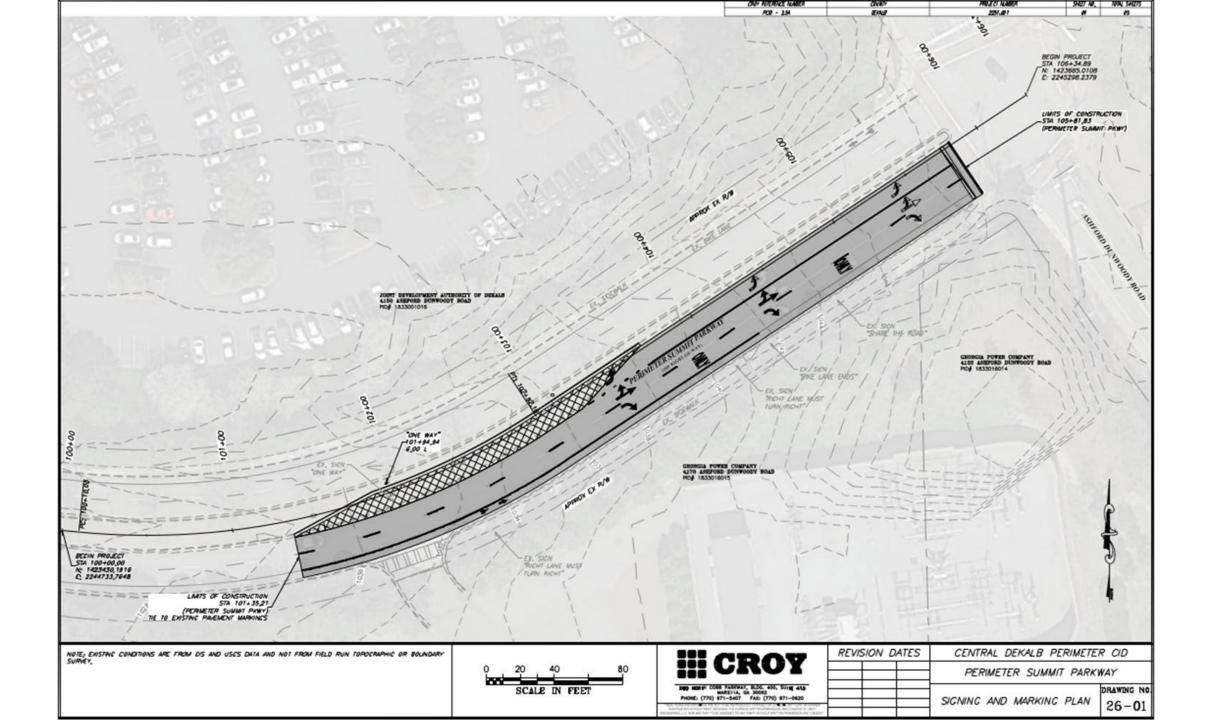
# Perimeter Summit Parkway at Ashford Dunwoody Turn Lane Extension

### **Project Status**

- Extend Perimeter Summit Pkwy left turn lane onto Ashford Dunwoody RD (approximately 300 feet)
- Construction anticipated in the 1st quarter of 2021
- This will increase the amount of cars that can stack in the left turn lane and eliminate vehicles from blocking the thru lane.



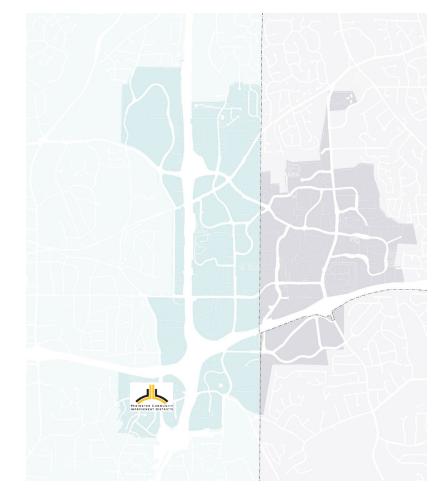
**Consultant: Croy** 



### Glenridge Connector West Bound Turning Lane Onto Johnson Ferry

#### **Project Description**

 Increase vehicle stacking capacity by creating a duel left turn lane onto West Bound Johnson Ferry



Consultant: Croy



How much time has the average commuter working from home saved since March 13<sup>th</sup> by not commuting?

**A: 125 hours** 

**B: 150 hours** 

**C: 175 hours** 

**D: 200 hours** 

How much time has the average commuter working from home saved since March 13<sup>th</sup> by not commuting?

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Which generation has been reporting the least challenges with working from home this year?

1: Baby boomers

2: Gen X

3: Millenials

4: Gen z

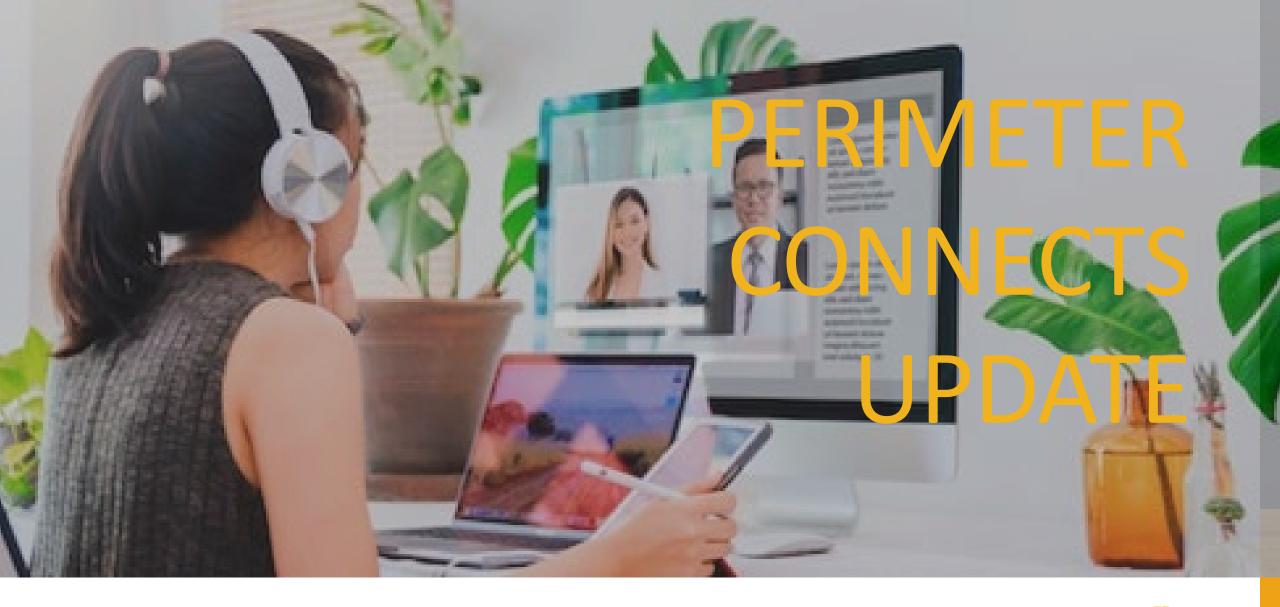
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#### **DUNWOODY STATION**





### **DUNWOODY STATION**



#### SHUTTLE SIGNAGE





# PLANNING FOR A COMMUTE

SOMEDAY...

#### **COMMUTING IN 2021**

As time goes on, commuting will return more and more

What about the train or the bus? How risky is it?

Here's more info as you think about and plan for the future

#### **AIR**

#### Ventilation

#### How air circulates through BART cars

Supply air is pulled through the HVAC units (located under the car floor), filtered and conditioned (cool/warm) before being sent up through the walls where it enters the cabin from above, or from the lower window masks.

Circulated air is then pulled back through the return ducts to the HVAC units. At the same time, 30% fresh air is pulled in through fresh air intakes on the sides of the car.

Fresh and circulated air are then mixed in the HVAC units where the process starts over.



#### Cabin air refresh time

The time it takes for all air in cabin to be replaced is approximately 70 seconds.

#### BART is testing new technologies

Testing denser MERV-14 filters in five train cars that trap more

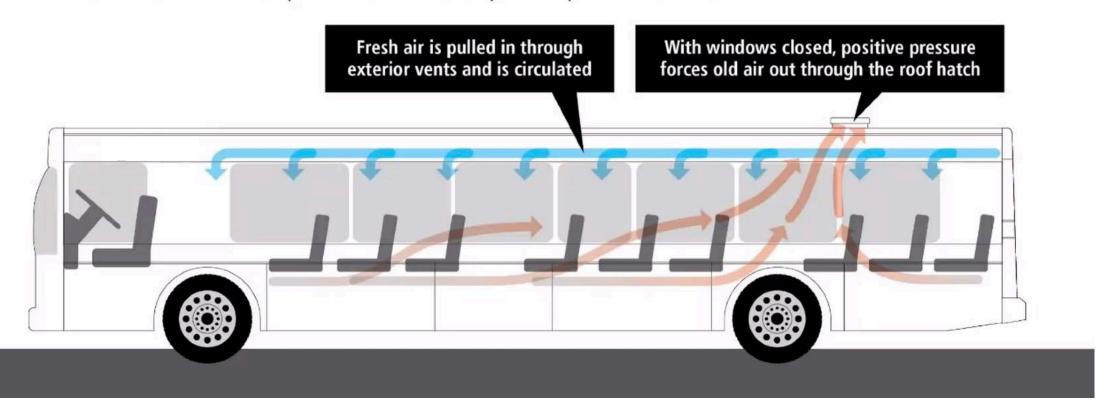
that zaps pathogens.

Testing UV light in one train car

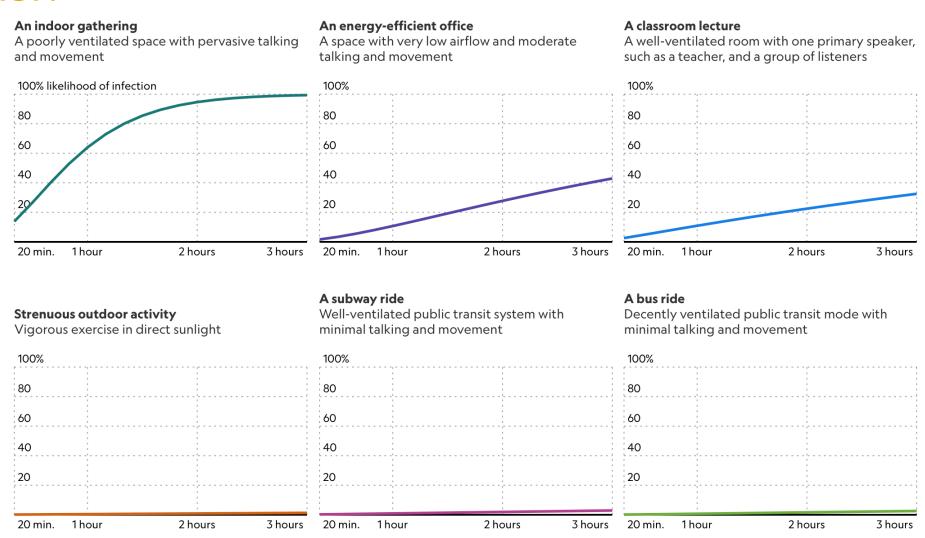
Most cars have two ventilation units at either end, which help fully replace air in the car with outside air about every three minutes and 20 seconds on average.

#### **AIR**

Our onboard HVAC system refreshes the air at 50 times per hour. To maximize air flow, all windows must be kept closed to maintain positive pressure for ventilation.



#### **TRANSIT**



J.L. Jimenez, COVID-19 Aerosol Transmission Estimator, <a href="https://tinyurl.com/covid-estimator">https://tinyurl.com/covid-estimator</a>

#### **ASSESSING RISK**

#### **Core risk factors:**

- Distancing vs. Crowding (how full is the vehicle)
- Rider conduct (mask usage)
- Time on board

#### **REDUCING RISK**

How can I (or my employees) reduce risk while on transit?

- 1. Masks, Masks, Masks
- 2. If possible, avoid higher volume times when distancing may be under pressure
  - 1. Work with Perimeter Connects to assess peak volumes for your routes/services and sync with transit agencies
- 3. Favor emptier train cars (usually near front or rear, rather than middle)
- 4. Wash hands before and after
  - 1. If you ride frequently, invest in a \$5 personal transit strap
  - 2. Carry hand sanitizer
- 5. Continue providing flexibility to work remotely if conditions appear problematic



# REMOTE WORK



#### WFH MANAGER EXCELLENCE

Nominate a manager/leader who has been exceptional at supporting their people while working from home

5 outstanding nominees will get \$100 and an invitation to be a guest expert. Oh, and the nominating person gets \$25 too!

# CONNECT WITH US



info@PerimeterConnects.com



PerimeterConnects.com



Phone: 770-390-1788

WE'RE HERE TO HELP.

# ADDITIONAL QUESTIONS?





#### **ADDITIONAL QUESTIONS**





Join us for our next Coffee & Construction in January!

# THANK YOU