Welcome!

This virtual presentation is designed to guide you through information about the Courtland Street Bridge Replacement Project. You can scroll back and forth through the slides by clicking on the ← or →. The on each slide will take you to the project email. Project staff will respond promptly. Links to more information will be indicated as appropriate.

Thank you for taking the time to learn about this important project.
Project Location

The Courtland Street Bridge is located in the City of Atlanta, in close proximity to the Georgia State Capitol building. It serves as a major thoroughfare through the downtown campus of Georgia State University (GSU). The viaduct runs between Martin Luther King, Jr. Drive and Gilmer Street. Courtland Street crosses over two MARTA tracks, two CSX Railroad tracks, and Decatur Street.
Reducing the Impacts of Construction

The construction of the Courtland Street Bridge will impact pedestrian and vehicular traffic both on and under the bridge. Access to buildings and parking decks at Georgia State University will also be greatly affected. The Design-Build Team is committed to minimizing the impacts to key areas like those shown to the left.
Reducing the Impacts of Construction

The Design-Build Team recognizes the importance of this corridor to pedestrians and will adopt the following methods to reduce impacts:

- Preserve, protect and channelize key pathways around work zone hazards
- Provide visual barriers
- Maintain lighting in public spaces to provide for safety and security
- Reduce duration of impacts
- Return use of critical pathways as soon as safely possible
The Courtland Street Bridge Replacement is a GDOT Design-Build project using innovative Accelerated Bridge Construction (ABC) methods.
ABC Methods Include:

**Phased Design** - aggressive phasing plan that started construction in less than 4 months.

**Micropile Foundations** - allows 5 months of foundation work to be performed before the bridge is closed to traffic – reducing the duration of detours.

**High-Early Strength Concrete** – a fast curing mixture that develops strength quickly, significantly reducing construction time (technique learned from I-85 bridge repair last year).
Micropile technology enabled the foundation work below the bridge to begin in January with little impact to traffic on top. Click here for more information on micropile technology.
High Early Strength Concrete will be used in the pier caps and bridge decks for the Courtland Street Bridge project. The fast cure and high strength of this mix, is an important factor for meeting the six month construction deadline for the Courtland Street Bridge project. Click [here](#) for more information on the use of High Early Strength Concrete.
ABC Methods Also Include:

Safety and Accessibility - heavily utilized pedestrian pathways on the GSU campus were identified and strategies were developed to reduce impact to pedestrians using:

- visual barriers,
- noise screens, and
- protected entry/exit points (preserving access to critical GSU buildings).
Stakeholder Identification & Outreach

The project scope includes extensive stakeholder identification, outreach and engagement.
History of the Bridge

The Courtland Street Bridge was originally built in 1907 and was called the Washington Street Viaduct. Click here for more information on the history of the Bridge.
Project Timeline

- **Bridge Design**
  - Fall-Winter 2017

- **Foundation Installation**
  - Winter-Spring 2018

- **Close Roadway**
  - May 7, 2018 for 180 days

- **Demo Bridge**
  - May 7 – Mid-June 2018

- **Construction Completion**
  - Late October 2018

We are here.
Closures and Detours

The bridge will be demolished no sooner than May 7.

The new bridge installation and required detours will occur within a 180-day period between May and the end of October 2018.
Vehicular Detours

Two vehicular detour routes will be posted and will remain in place for a six-month period from May through October.

Click on the map for a downloadable version.
Pedestrian Detours

Signed detours will safely guide pedestrians through protected pathways on Collins Street, while foot traffic on Courtland will be directed away from construction activity to offsite routes.

Click on the map for a downloadable version.
Features of the New Bridge

While the new Courtland Street Bridge is being built in the same footprint as the old, it will sport some very contemporary features, including LED lighting, decorative parapets and safety fencing.
Features of the New Bridge

The new Courtland Street Bridge will have fewer, and stronger spans – 12 versus 28. In addition to new lighting, removing the extra bridge columns will create a more open, brighter and safer environment under the bridge. New sidewalks will be installed under the bridge, making pedestrian travel easier.
Features of the New Bridge

The new bridge will enhance service for its users. It will have one eight-foot sidewalk on the east side, allowing more room for the large number of pedestrians that cross the bridge on a daily basis. The west sidewalk will remain six feet in width. There will also be three ten-foot lanes and one 12-foot lane that will allow passengers to safely get on and off busses that stop at Georgia State University.
Stay on Top of Project Progress

Click on icons to be directed information outlets and to follow GDOT on social media.
The Courtland Street Accelerated Bridge Construction (ABC) Project will replace all 28 spans of the Courtland Street Bridge over the Metropolitan Atlanta Rapid Transit Authority (MARTA) rail lines, CSX rail lines, and Decatur Street. The bridge replacement will occur on the location of the existing bridge and both vehicular traffic and pedestrian activity will be routed to offsite detours during demolition and construction. The project limits extend on Courtland Street from Martin Luther King Jr. Drive to Gilmer Street.

The reconstructed bridge will be better suited to safely conduct increased traffic volumes and heavier vehicles.

The cost to construct the bridge is approximately $25 million from federal, state, and local sources.

The new bridge will include a 12-foot carriageway, new barrier medians in an open cut alignment, and expanded sidewalks for pedestrian traffic.

The project will be built using Design-Build Accelerated Bridge Construction methods.

Through Design-Build innovation, GDOT has reduced the duration of the required road closure from 2 years, to 180 days to reduce impacts to both vehicular and pedestrian traffic.

The team of CW Matthews and Michael Baker International will design and build the bridge.

The project will be built using Design-Build Accelerated Bridge Construction methods.

GDOT is committed to a proactive emphasis on outreach on this project to ensure that affected stakeholders and general public are informed, educated, and engaged throughout the course of the project.

**OUTREACH**

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GDOT CONTACTS

**FACT SHEET**

**FACT SHEET**

**COURTLAND STREET ACCELERATED BRIDGE CONSTRUCTION PROJECT**

**PROJECT OVERVIEW**

The Courtland Street Accelerated Bridge Construction (ABC) Project will replace all 28 spans of the Courtland Street Bridge over the Metropolitan Atlanta Rapid Transit Authority (MARTA) rail lines, CSX rail lines, and Decatur Street. The bridge replacement will occur on the location of the existing bridge and both vehicular traffic and pedestrian activity will be routed to offsite detours during demolition and construction. The project limits extend on Courtland Street from Martin Luther King Jr. Drive to Gilmer Street.

**BENEFITS**

- The reconstructed bridge will be better suited to safely conduct increased traffic volumes and heavier vehicles.
- The cost to construct the bridge is approximately $25 million from federal, state, and local sources.
- The new bridge will include a 12-foot carriageway, new barrier medians in an open cut alignment, and expanded sidewalks for pedestrian traffic.
- Through Design-Build innovation, GDOT has reduced the duration of the required road closure from 2 years, to 180 days to reduce impacts to both vehicular and pedestrian traffic.

**QUICK FACTS**

- GDOT is committed to a proactive emphasis on outreach on this project to ensure that affected stakeholders and general public are informed, educated, and engaged throughout the course of the project.

**SAFETY**

- The reconstructed bridge will be better suited to safely conduct increased traffic volumes and heavier vehicles.

**COST**

- The cost to construct the bridge is approximately $25 million from federal, state, and local sources.

**ACCESSIBILITY**

- The new bridge will include a 12-foot carriageway, new barrier medians in an open cut alignment, and expanded sidewalks for pedestrian traffic.

**DESIGN AND CONSTRUCTION METHODS**

- The project will be built using Design-Build Accelerated Bridge Construction methods.

**ACCELERATED SCHEDULE**

- Through Design-Build innovation, GDOT has reduced the duration of the required road closure from 2 years, to 180 days to reduce impacts to both vehicular and pedestrian traffic.

**GDOT DESIGN BUILD PROJECT PARTNER**

- The team of CW Matthews and Michael Baker International will design and build the bridge.

**PROJECT OVERVIEW**

WHERE IS THE PROJECT LOCATED?

The Courtland Street Bridge is located in the City of Atlanta, in close proximity to the Georgia State Capitol building, and serves as a major thoroughfare connecting the major thoroughfares of Courtland Street in the City of Atlanta to the capital area of Downtown Atlanta.

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GDOT CONTACTS

**Project Email**

- courtland@cwmatthews.com

**Project Phone Line**

- (voicemail) - (678) 809-8219

**Communications**

- Jill Goldberg, jgoldberg@dot.ga.gov

**Bridge Design**

- November 2017

**Foundation Installation**

- Winter - Spring 2018

**Closure Roadway**

- May 7, 2018

**Demo Bridge**

- May 7 – Mid-June 2018

**Construction Completion**

- Late October 2018

**FAQs**

**COURTLAND STREET ACCELERATED BRIDGE CONSTRUCTION PROJECT**

FREQUENTLY ASKED QUESTIONS

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**ADDITIONAL INFORMATION**

Click on either of the documents above to download or print.
Project updates will be available on GDOT’s project webpage at:

www.dot.ga.gov/CourtlandSt

You can subscribe to the project e-newsletter from the webpage.

If you have questions or concerns you can email

courtland@cwmathews.com

or you can leave a message on the project phone line at

(678) 809-8219
Thank you
for joining us today!