



BRIDGE PACKAGE 16

EARLY COORDINATION MEETING
December 12, 2022

Purpose

- Provide Information
- Gauge Industry Interest & Competition
- Get Feedback & Answer Questions

Disclaimer

All information provided today is for information only, non-binding, does not constitute legal or other advice, and does not amend or form part of the Final Request for Proposals (RFP).

Agenda

- Location/ Overview
- Scope of Work
- Procurement Type
- Schedule
- Q&A

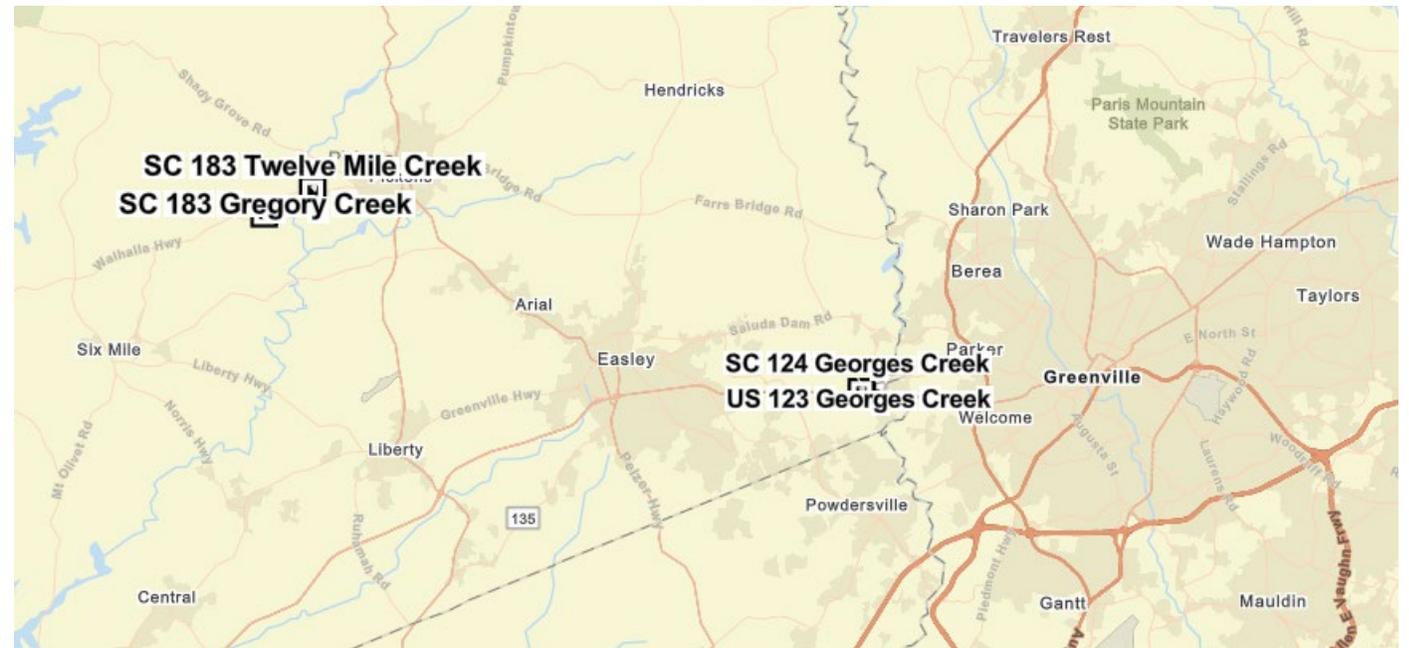
Project Location

[SC 183 over Twelve Mile Creek](#)

[US 123 \(SB only\) over Georges Creek](#)

[SC 124 over Georges Creek](#)

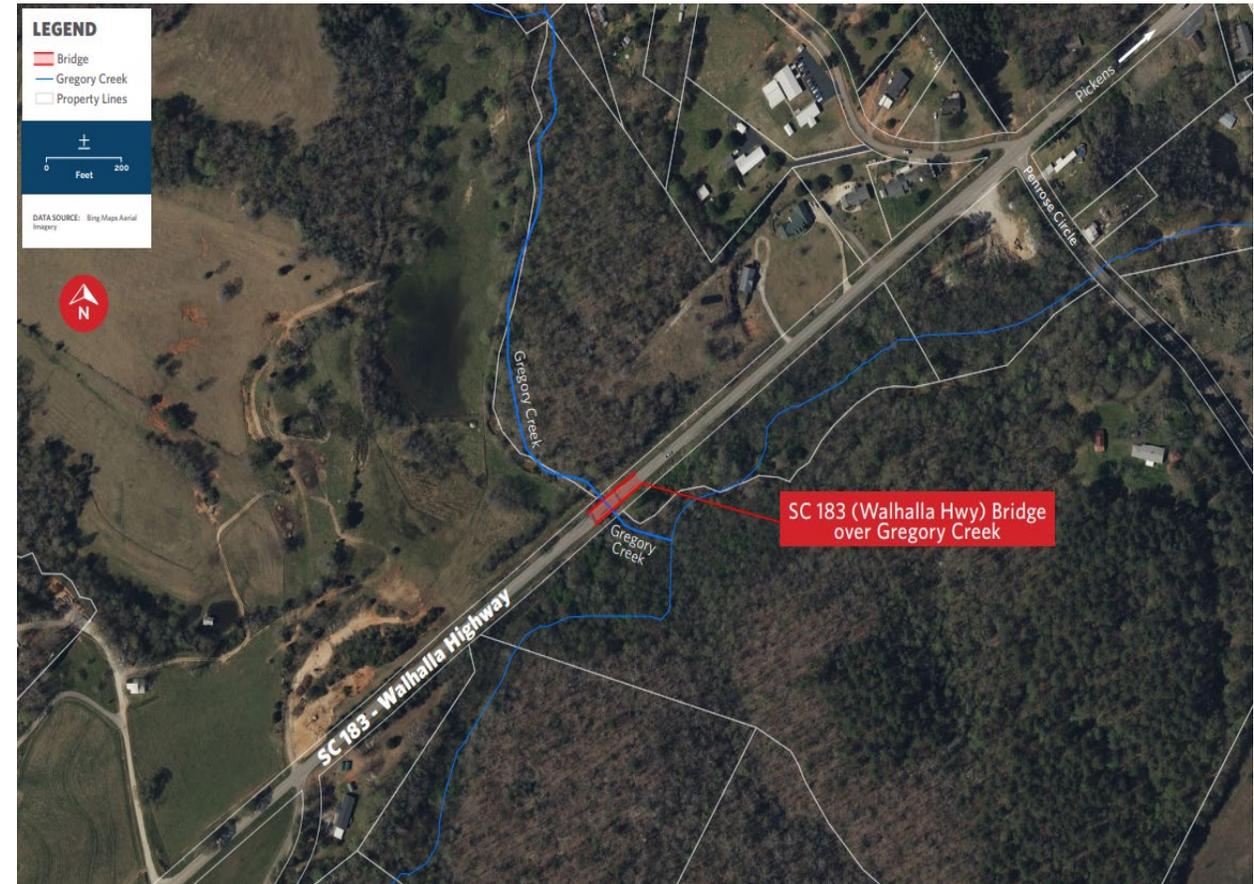
[SC 183 over Gregory Creek](#)



US 123 SB / SC 124



SC 183 Bridges



Anticipated Scope of Work

- Demo Existing Bridge Structures
- Build New Bridge Structures, while maintaining traffic
- Roadway approaches for New Structures

Structures

- Concrete beams (2 or 3 spans) anticipated at all sites.
- Developing off-alignment, parallel alternates for MOT. Staged-construction likely for US-123 SB Georges Creek
- Cored-Slab/Box-Beam structure type will not be allowed due to high ADT routes
- No detailed seismic analysis (all SDC-A)

Hydro

- Designs will be based on full SCDOT criteria as indicated in the Requirements for Hydraulic Design Studies and the RFP
- Conceptual preliminary models and memos will be provided in the Project Information Package (PIP)
- SCDOT's intent is to meet "No Impact" qualification for all sites

Roadway

- All bridges are located on arterial roadways (3 minor and 1 major) with design speeds ranging from 50-60 mph
- One rural local road realignment required for SC-183 (Twelve Mile) bridge replacement
- The proposed facilities are comprised of two and four lane roadways with 12-foot travel lanes and paved shoulders.
- No low volume bridges within package
- Low potential for DE's or Criteria Variance
- Potential for off-alignment construction

Environmental

PCE's being prepared – studies ongoing with no major concerns identified at this time

Anticipate meeting General permit requirements

Biological Assessment will address NLEB and Tri-color but no formal surveys

SC 183 over Twelve Mile does have PCB Superfund site upstream – anticipate soil sampling

Stream mitigation can be handled through Big Generostee & Turkey Ck

Wetland mitigation will be covered by Black River

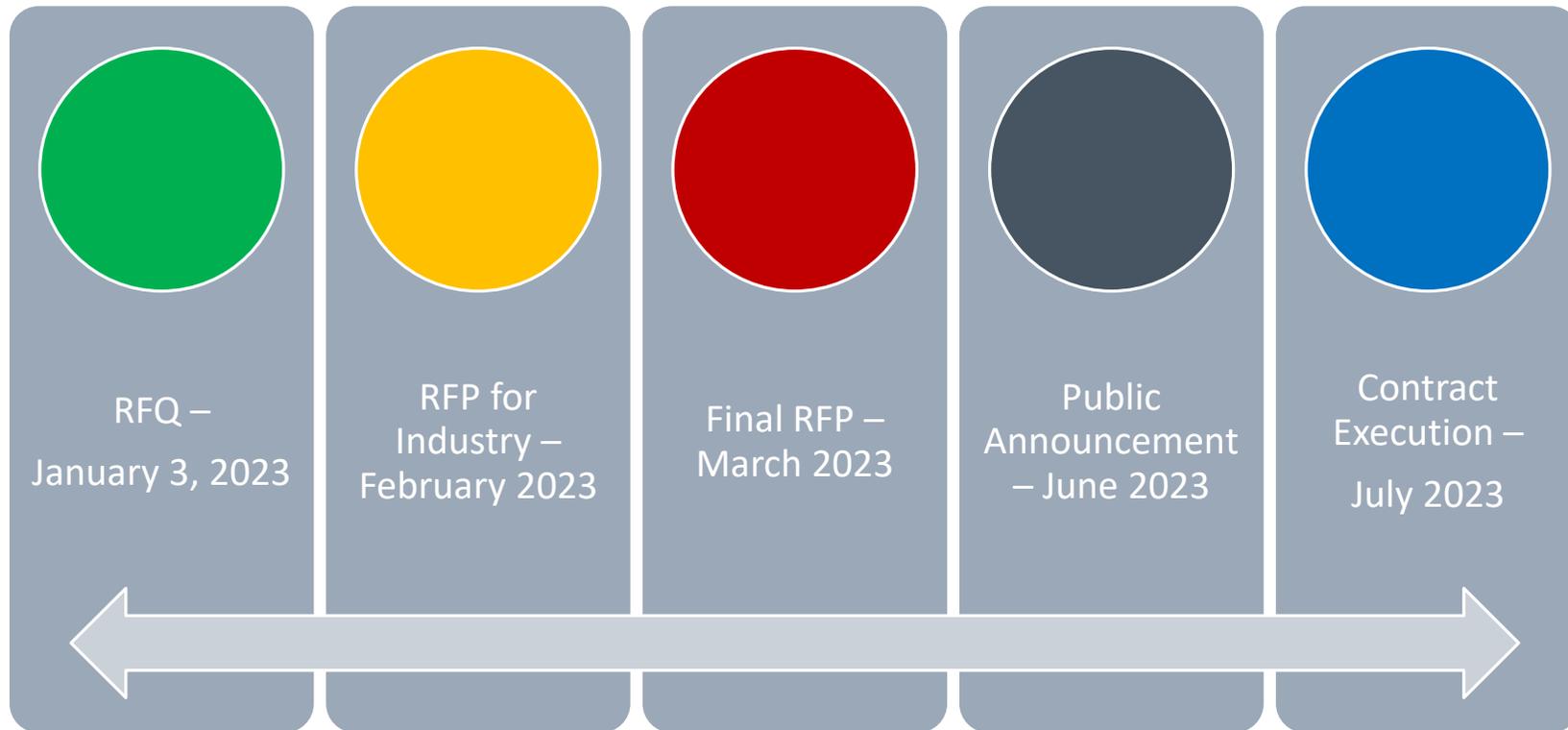
Anticipated Project Information

- Survey
- Hazardous Materials
- Hydrology
- Structures
 - SI&A sheets
- Utilities
- Environmental
- Geotech

Anticipated Procurement Type

- Two Phase
- FATC's Only
- Best Value
- Weighted Criteria Formula
- DBE Goal
- Stipends

Anticipated Project Schedule



Questions / Discussion



#ProgressisourPriority

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LET 'EM WORK. LET 'EM LIVE.