Pre-Submittal Conference

City & County of Orangeburg - Orangeburg Stormwater Improvements

D30-N055-PG

Monday, July 7th at 1:00pm

SCOR
South Carolina
Office of Resilience

S.C. Office of Resilience (SCOR)

SOUTH CAROLINA
OFFICE OF
RESILIENCE

Key Staff:

Ben Duncan, Chief Resilience Officer

Ran Reinhard, Director of Operations

Phleisha Lewis, Mitigation Director

Pam Kendrick, Infrastructure & Environmental Program Manager

Shakota Johnson, Infrastructure Project Manager

Lisa Falta, EIT, Engineering Associate

Phil Gerald, P.E., S.C. Office of State Engineers (OSE)

SCOR's HUD Funded CDBG-Mitigation Program

- Funded through SCOR's Housing and Urban Development (HUD) Community Development Block Grant – Mitigation (CDBG-MIT) Program
  - Federal Registers 84 FR 45838 and 86 FR 561
- SC Office of Resilience (SCOR) designated $100 million of the HUD CDBG-MIT funds for stormwater infrastructure projects.
- Funds must be expended, and projects must be closed out by **December 31, 2032.**
- HUD CDBG-MIT funds are subject to the many cross-cutting requirements, including but not limited to:
  - Davis Bacon Act
  - Section 3
  - HUD Environmental Review (24 CFR Part 58)

Eligible Applicants:

- UGLG's

Eligible Activities:

- ✓ Engineering & Environmental fees
- ✓ Construction costs for infrastructure improvements
- ✓ Cost for acquisition of land for project purposes
- ✓ Infrastructure improvement
- ✓ Road repairs and upgrades that interact directly with stormwater infrastructure projects
- ✓ Implementation of incentive and educational programs

Ineligible Activities:

- x Maintenance & Operation Activities

Overview | Orangeburg Stormwater Improvements

CDBG-MIT Awards:

- ✓ Orangeburg County – Warren Street ($1,262,034.54)
- ✓ Orangeburg County – Ellis Avenue ($2,264,449.50)
- ✓ City of Orangeburg – Adden Street ($1,664,468.16)

Awarded as State-Run Projects:

- ✓ Projects run by SCOR
- ✓ County and City participate throughout
- ✓ SCOR follows state procurement regulations.
- ✓ Utilize S.C. Office of State Engineers (OSE) Contracts
- ✓ Must follow S.C. OSE Bid Process

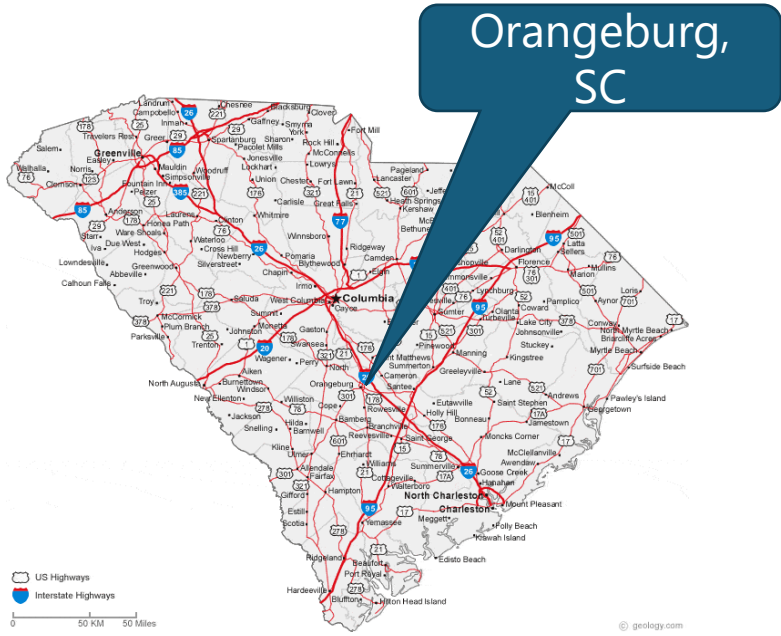
Project Backgrounds:

- SCOR previously awarded a HUD CDBG-MIT Plans & Studies Grant to:
  - The City of Orangeburg for a Storm Drainage Study; and
  - Orangeburg County for an H&H Study
- The 3 awarded projects identified in this RFQ were recommended projects in their respective studies.
- **The completed studies can be found here: Orangeburg County H&H Study & City of Orangeburg Storm Drainage Study.**

Project Grant Awards:

- SCOR has awarded CDBG-MIT Infrastructure grants to the County and the City for three individual stormwater improvement projects.

- SCOR is procuring engineering & design services for all three individual projects under one RFQ and contract as the projects are geographically related.



Project Overview | Orangeburg County – Warren Street

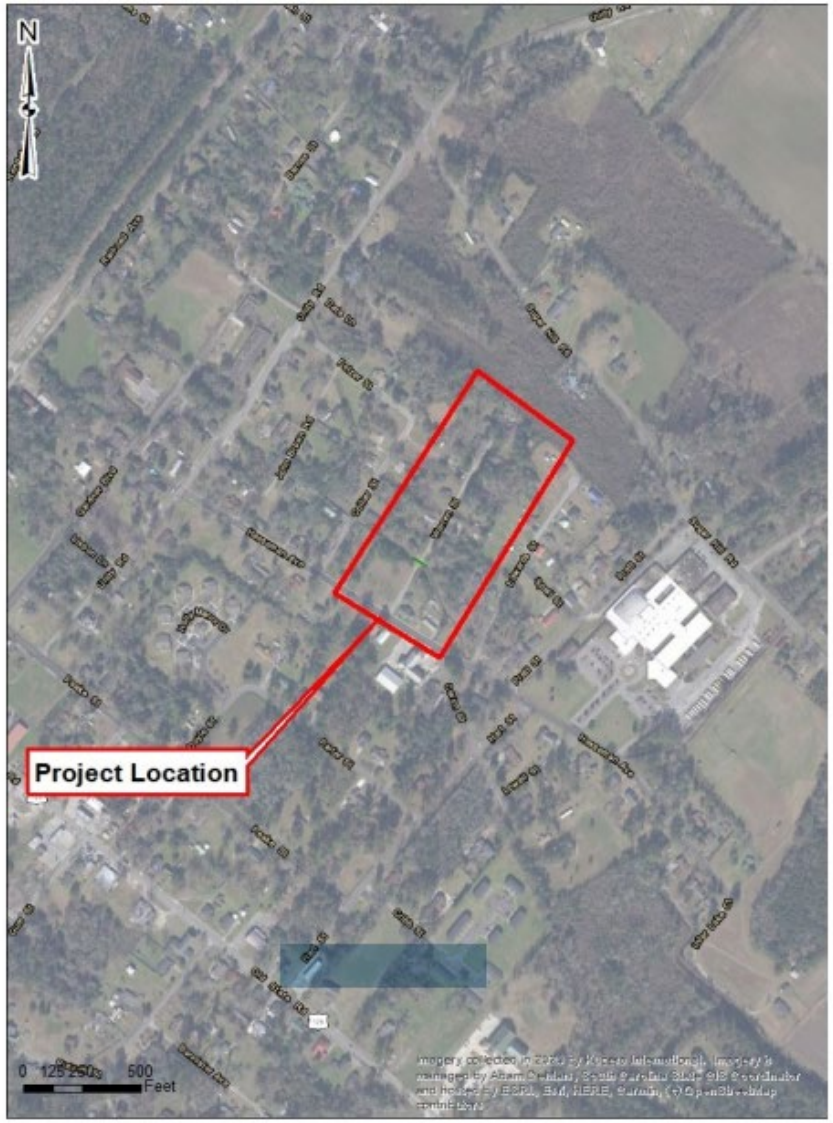
Project Location:
Warren Street is a two-lane state-owned road located in the western portion of the town of Holly Hill in Orangeburg County, S.C

Project Description

The existing stormwater system is undersized and cannot accommodate stormwater volumes from a 10-year storm event. As a result, heavy rainfall events can cause flooding on the residential properties along Warren Street that prevents residents from being able to access their properties or leave their homes

Proposed solution should achieve flood protection from a 25-year, 24-hour storm or greater, if feasible, via grey and green infrastructure improvements such as:

- New/upsized stormwater pipes
- New/additional structures
- New curb and gutter
- Drainage ditch/channel improvements



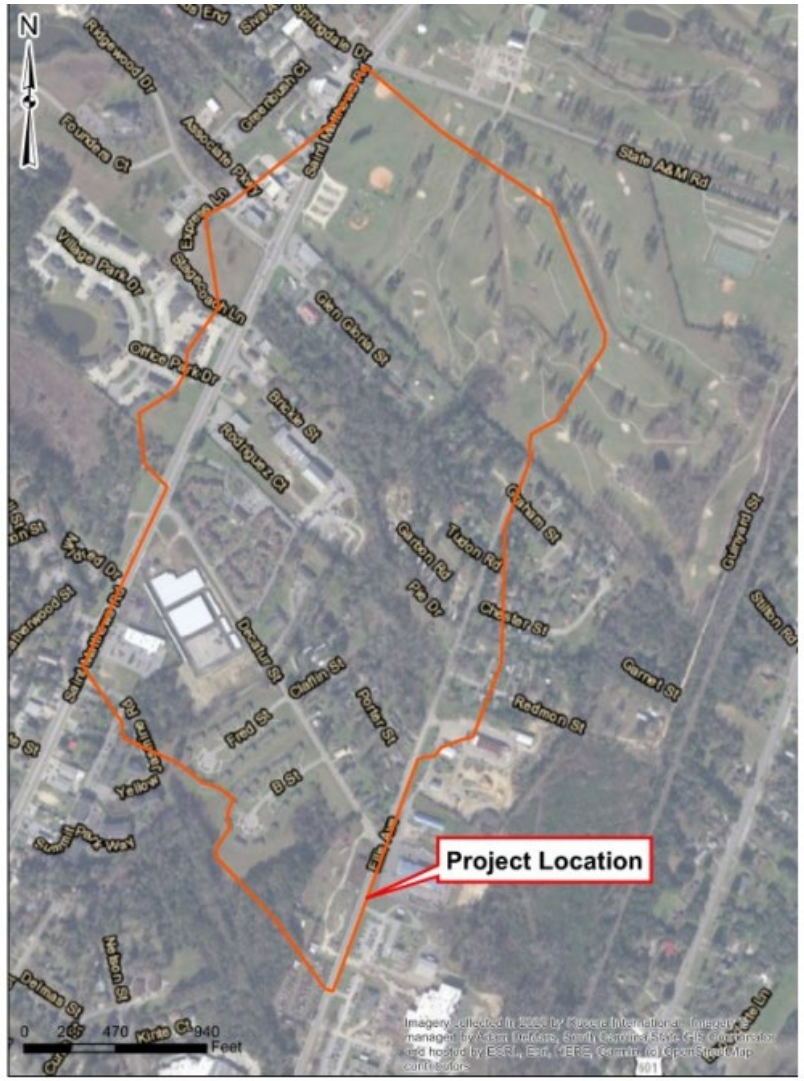
Project Overview | Orangeburg County – Ellis Street

Project Location:
Ellis Avenue is a two-lane, state owned, local street in Orangeburg County just outside of the City limits.

Project Description:
The existing stormwater infrastructure system cannot accommodate stormwater runoff for 10-year and 25-year storm events, resulting in water ponding on the road and on adjacent properties. The County's access to their maintenance facility, located within the project area, is reduced or restricted during heavy rainfall events due to flooding in the roadways.

Proposed solution should achieve flood protection from a 25-year, 24-hour storm or greater, if feasible, via grey and green infrastructure improvements such as:

- New/upsized stormwater pipes
- New/additional structures
- Drainage ditch/channel improvements



Project Overview | City of Orangeburg – Adden Street

Project Location:
Adden Street is located in the floodplain just one block northwest of Sunnyside Canal.

Project Description:
This paved channel conveys runoff for the west side of Orangeburg into the North Edisto River. The existing stormwater system currently becomes surcharged with events greater than 2-to-5 yr storms. During normal and heavy rainfall, Adden Street floods becoming impassable for residents and emergency responders and the residential properties flood.

Proposed solution should achieve flood protection from a 25-year, 24-hour storm or greater, if feasible, via grey and green infrastructure improvements such as:

- New/upsized stormwater pipes
- New/additional structures
- New curb & gutter
- Drainage ditch/channel improvements

Procurement Overview | Orangeburg Stormwater Improvements

Scope of Work and Deliverables:

1. Field Survey
2. Utility Coordination
3. Hydraulic Design
4. Preliminary Design and Conceptual Cost Estimate
   - 30% conceptual cost estimate submitted to SCOR & owners
   - 60% design plans/updated cost estimate submitted to SCOR & owners
   - 90% design plans/updated cost estimate submitted to SCOR & owners
5. Identify and Develop Easement Exhibits for all temporary and permanent easements
6. Public Outreach
7. Benefit Cost Analysis (BCA) for Final Design
8. Environmental Review in compliance with 24 CFR Part 58 req's
9. Analysis of downstream impacts
10. Final Design Plans
    - Design Drawings & Project Manual for all construction phases
    - Final Construction Cost Estimate
    - SWPPP
    - Permits
    - As-Built Drawings and O&M Manual
11. Assist SCOR during the bid process
12. Construction Administration
13. Coordination with the South Carolina Office of Resilience's Mitigation Department for the duration of the contract

Engineering Services Procurement Anticipated Schedule	
RFQ Issuance	June 24, 2025
Non-Mandatory Pre-Submittal Conference	July 07, 2025 @ 1:00 PM
RFQ Submittal Deadline	**July 24, 2025 @ 4:00 PM**
Review Firm Submittals	August 2025
Interview Selected Firms	September 2025
Negotiations and Contract Execution	October/November 2025
Est. Notice to Proceed	October/November 2025

Project Schedule | Orangeburg Stormwater Improvements

Anticipated Project Schedules Orangeburg Stormwater Improvements	
Procure Engineering & Environmental Review Services	October 2025
Begin Design & Environmental Review	November 2025
Design, Environmental & Permitting Complete (365 days*)	November 2026
Bid for Construction	January/February 2026
Construction Complete	September 2027
Grant Closeout	December 2028

Schedule Notes:

- ✓ RFQ: 365 days for design*
- ✓ OSE must review final design and project manual (+/- 45 days)
- ✓ Actual construction schedule will be determined following design
- ✓ OSE mandatory 12-month corrective work period from substantial completion
- ✓ The three projects may be designed, permitted and put out for bid simultaneously, or they may deviate from one another depending on each project's unique requirements and circumstances

RFQ Questions & Responses | Orangeburg Stormwater Improvements

Q1: Adden Street was not included in the HH Study. Is there a conceptual design available for this one, and if so, could you provide it?

R: As outlined in the RFQ, *Adden Street is included in the City of Orangeburg Storm Drainage Plan. The conceptual designs are available via the study, which can be found here: https://scor.sc.gov/sites/scor/files/Documents/City%20of%20Orangeburg%20-%20Stormwater%20Drainage%20Study%20-%20Final%20Report%20for%20Website.pdf*

Q2: Can you provide as-built drawings or previous design drawings of the areas in question?

R: *As-built drawings/design drawings are not readily available from SCOR for the existing systems in the three identified project areas. The selected engineer will be required to obtain information on the existing systems through field survey and records research.*

Q3: Is information on existing utilities available through GIS or other means?

R: *GIS data on existing utilities is available through the Department of Public Utilities owned by the City of Orangeburg, which serves the greater Orangeburg area. Utility coordination is included in the scope of services being procured for this RFQ.*

RFQ Questions & Responses I Orangeburg Stormwater Improvements

Q4a: If we respond to this solicitation, may staff who participated in the study be part of the team for this design project?
Q4b: If so, and if we are selected to interview, may those staff also participate in the interview?

R: *AMENDED* *Responses from firms that have participated in the study are allowed to participate as a part of the proposed design project; all firms will have access to the study. If a firm that participated in the preliminary study is shortlisted, those staff are allowed to participate in the interview.*

Q5: Does SCOR anticipate public engagement will be done all together or done separately for each project?

R: *Public engagement will be flexible – SCOR will consider cost efficiency, proximity/geographical relationship and stakeholder input to determine the best approach to public outreach for all the projects grouped under D30-N055-PG.*

RFQ Questions & Responses I Orangeburg Stormwater Improvements

Clarification requested for Q4a/b: Can SCOR provide clarification on who would be considered ineligible to be included among the proposed staff? Would that only include the individual engineer(s) that prepared the BCAs, or would that also extend to project management and QA/QC teams that oversaw BCA development and provided reviews? More generally, based on the cited state procurement regulation in the question response, it would appear that an engineer that prepared design work cannot also perform construction work for the same project. Since the contract for this solicitation only involves design services, with construction contracting to happen later during the bidding process, it would appear that regulation does not apply between the preliminary study and full design, and the engineer cannot also work on the contractor's behalf after the full design is complete. Can this be clarified or confirmed?

R: Please see amended response(s) for 4a/4b.

Questions?