



FINDING OF NO SIGNIFICANT IMPACT

clean water act — south carolina state revolving fund

PROJECT: City of Abbeville
Long Branch Sewer Rehabilitation Phase 2
SRF # 728-06
Abbeville County

This Department, under Section 48-5-60 of the Code of Laws of South Carolina, has the authority and responsibility to conduct environmental reviews and approve Clean Water preliminary engineering reports (PER) prepared for the State Revolving Fund Division. Our review has determined that implementation of the plan identified below will not cause a significant environmental impact and the Department hereby issues this Finding of No Significant Impact (FNSI).

This FNSI precedes approval of the PER entitled Long Branch Sewer Rehabilitation Phase 2" dated November 2024. The City of Abbeville will implement the project. The following Environmental Assessment summarizes the environmental effects of the proposed facilities.

ENVIRONMENTAL ASSESSMENT

Need for Project: The proposed project will rehabilitate the existing gravity sewer system and manholes in order to restore the structural integrity of the system, and therefore, greatly reduce the ground water leakage and root intrusion impacting the system.

Proposed Facilities: The attached figure shows the proposed project location. The project will rehabilitate portions of the gravity sewer network that have significant issues, and repair or replace manholes to increase the integrity of the system. A considerable portion of the sewer system is comprised of vitrified clay pipe and brick manholes, which are subject to severe deterioration, root intrusion, and insufficient repairs which leads to significant inflow and infiltration ("I/I") as well as blockages and sanitary sewer overflows (SSO's). The City of Abbeville will use a mixed rehab technique, including cured-in-placed pipe (CIPP), pipe bursting, open cut replacement, point repairs, and complete replacement of manholes with significant structural damage. The estimated capital cost for the project is \$1,413,000.

ENVIRONMENTAL CONSEQUENCES

No long-term environmental impacts should result from the proposed activities. Although wetlands and floodplains occur in the planning area, the proposed project will be designed to result in minimal impacts to the areas mentioned. In addition, the proposed project will be consistent with any needed 404 permits by the Corps of Engineers (e.g. preconstruction contours will be restored).



Implementation of the proposed project is not expected to violate any of the environmental crosscutting authorities that apply to projects receiving Federal assistance. The following crosscutting authorities were considered before arriving at this conclusion: important farmlands, wild and scenic rivers, floodplains, archaeological or historical sites, threatened or endangered species, national natural landmarks, sensitive coastal zone resources, and impaired air quality. Short-term, minor disturbances associated with construction - such as traffic interference, noise, dust, vegetation loss, erosion and sedimentation - will be minimized through the use of best-management construction practices.

COMMENTS

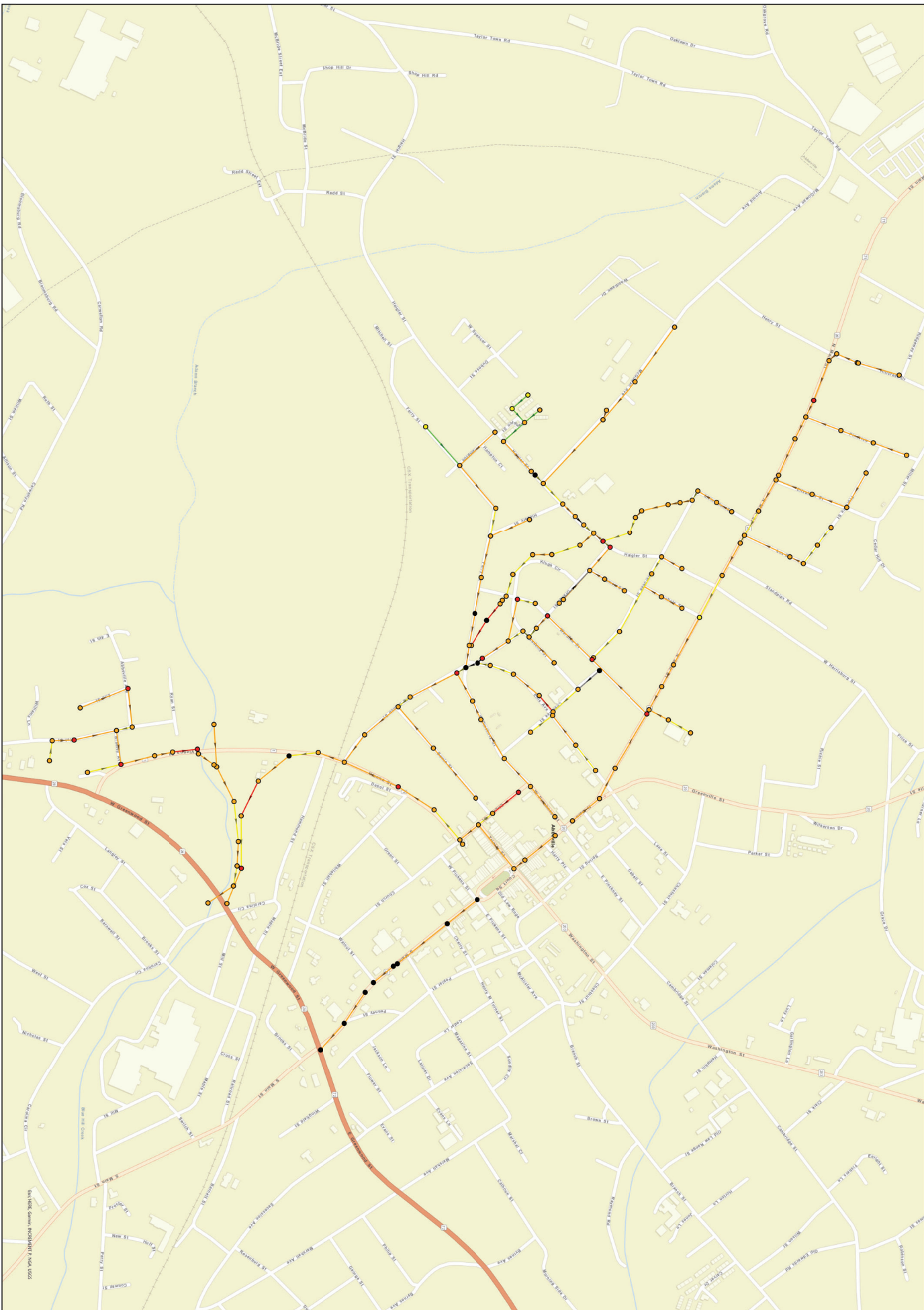
Comments received by 5PM February 27, 2025 will be evaluated before approval of the preliminary engineering report. If you wish to comment, please contact Kyle Maurer at maurerkd@des.sc.gov or write to:

Kyle Maurer Sr, PhD, PE, Manager
State Revolving Fund Project Management Section
SC DES - Bureau of Water
2600 Bull Street
Columbia, SC 29201

Signed,

Wayne J. Shealy, P.E., Division Director
State Revolving Fund Division





DRAWN: NR
 DESIGNED: NR
 CHECKED: DRB
 DATE: June, 2024
 SCALE: NAD 83 SCA
 SHEET: 1 OF 8

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— No Rating

Long Branch Sewer Rehabilitation
City of Abbeville

Manhole and Mains Priority Map
Overall

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