

Blue & Green Corridors Project

Fact Sheet / February 2020



City of New Orleans
Mayor LaToya Cantrell



GENTILLY
Resilience
DISTRICT



How a Blue Corridor could look along the Elysian Fields neural ground at Prentiss Avenue

Stats

Location

Gentilly north of Mirabeau Avenue and south of Robert E. Lee Boulevard

Area

8 miles of city streets

Site Status

New Orleans Streets and Parks

Budget

\$28.0m National Disaster Resilience (NDR) funding

Project Lead

Stantec Consulting

Construction Lead

Construction to start 2020

The Blue & Green Corridors is located in Gentilly between Bayou St. John and Ponchartrain Park. The additional uses envisioned for the neutral grounds and streetscape include multimodal transportation connections, canals for rainfall storage, green infrastructure, and public meeting spaces. The project will introduce a comprehensive rethinking of streetscapes to incorporate rainfall management with symbiotic community benefits.

Location



District-wide

Benefits



Urban Water
Reduce neighborhood flooding



Ecology
Create green infrastructure



Infrastructure
Biking and walking-friendly streets



Economy
Attract economic development



Recreation
Create parks and playgrounds



Public Health
Public spaces for health and fun



Urban Heat
Green spaces reduce urban heat

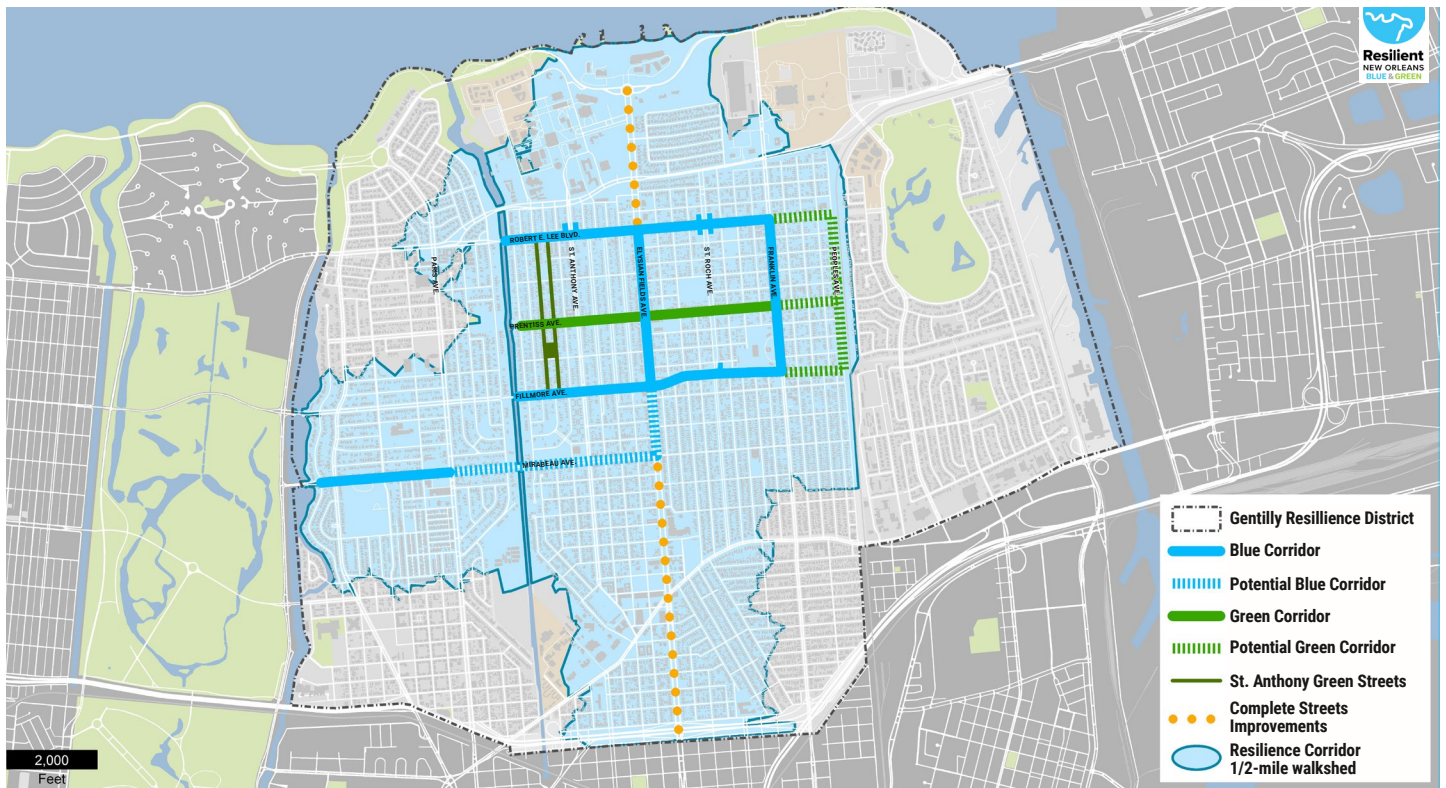


Community
Launch neighborhood revitalization projects



The **Gentilly Resilience District** is a combination of efforts across Gentilly to reduce flood risk, slow land subsidence, improve energy reliability, and encourage neighborhood revitalization. For more information, contact Natalie Manning, Program Analyst/Community Engagement, at **504.658.7623**.
nola.gov/resilience/gentilly

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The Blue & Green Corridors Project focuses on Robert E. Lee Blvd., Prentiss Ave., Filmore Ave., Mirabeau Ave., Elysian Fields Ave., Franklin Ave., and Peoples Ave.



Public outreach to inform residents of the design progress and to involve the community in the decision making

WHAT WE'VE LEARNED

Top Resident Concerns



Flooding



Poor Lighting



Poor Pavement Condition



No Shade



Trash

Community Members Want



Natural-looking project features that maintain the character of Gentilly neighborhoods



Green infrastructure and water features, including additional trees and landscaping



Increased accessibility throughout the community, including wider sidewalks and raised pedestrian crossings with safety islands.



More abundant lighting to increase walkability to local businesses and restaurants

Community Members Support



Recreational waterways with public access



Seating



Fitness Equipment



Splash pads

Games

Community Members' Concerns



Picnic and BBQ areas that will bring additional trash into neighborhoods and potential for mosquitoes in stagnant water

Benefits



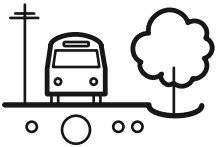
Urban Water

Reduce flooding in the drainage watershed of Drainage Pump Station 4 by storing stormwater in canals and stormwater parks; limit subsidence by raising and stabilizing groundwater levels; improve water quality by filtering stormwater through green infrastructure improvements



Ecology

Creating a network of Green Corridors in smaller neutral grounds, where trees, plants, and sidewalks allow water to seep slowly into the ground.



Infrastructure

Turn major streets into Complete Streets that support safe biking and walking.



Economy

Meet NDR benefit/cost analysis requirements for HUD funding approval; promote economic reinvestment in the community by making improvements in the area; provide better means of travel for the community to increase job access; increase residents' property values through neighborhood improvements, reduction in subsidence, and flood mitigation.



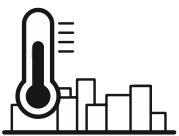
Recreation

Create park, recreation, and public art opportunities for neighborhood health and fun.



Public Health

Increase access to high-quality parks; provide recreational activities with walking and biking trails, playgrounds and splash parks, and community meeting spaces; create safe biking corridors to connect the community; mitigate the effects of urban heat by providing canals in blue corridors to absorb heat and native plantings for shade.



Urban Heat Mitigation

Create high quality green space with trees to reduce urban heat.



Community

Educate the public on the benefits of living in a sustainable community, create beautiful areas for the public to visit, congregate in, and enjoy to strengthen a sense of community; demonstrate that green infrastructure can contribute to beautiful and functional public spaces.



Team

Prime

Civil Engineering, Landscape Architecture,
Hydraulic Modeling, Traffic Engineering

Stantec

POINT OF CONTACT:

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TEAM:

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Landscape Architecture

Consultants

Surveying & Civil Engineering
Hydrologic & Hydraulic Modeling
Geotechnical Engineering
Civil Engineering
Civil Engineering
Outreach
Green Infrastructure Design

Batture, LLC

Ardura and ILSI Engineering

Kenall, Inc.

ILSI Engineering

Gaea Consultants

Outreach Process Partners

MIG | SvR

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