

**RESOLUTION NO. 2020- 451**

**A RESOLUTION BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, APPROVING THE TERMS AND AUTHORIZING THE COUNTY ADMINISTRATOR, OR DESIGNEE, TO SUBMIT A BUDGET PLAN TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF COASTAL RESILIENCE AND COASTAL PROTECTION, AS REQUIRED TO SUPPORT A LOCAL GOVERNMENT FUNDING REQUEST TO SUPPORT THE SOUTH PONTE VEDRA DUNE RESTORATION PROJECT.**

**WHEREAS**, St. Johns County is currently working with the Florida Department of Environmental Protection (FDEP) on a South Ponte Vedra Dune Restoration Project (the "Project") Beach; and,

**WHEREAS**, St. Johns County will provide local cost share funding from an established MSTU for the project area and Category V Tourist Development Tax Budget in the FY 21 budget; and,

**WHEREAS**, St. Johns County will continue to serve as the local sponsor; and,

**WHEREAS**, the FDEP has begun a new grant cycle and St. Johns County has submitted an annual Local Government Funding Request (LGFR) to the Florida Department of Environmental Protection, Office of Coastal Resilience and Coastal Protection for the State share of costs associated with post-construction monitoring for the Project; and,

**WHEREAS**, the LGFR application requires a Resolution from the County to affirm the Long Range Budget Plan for the Project; and,

**WHEREAS**, the FDEP requires an annual contract for its local share, contingent upon annual appropriations by the legislature.

**NOW THEREFORE BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, AS FOLLOWS:**

Section 1. The above Recitals are incorporated by reference into the body of this Resolution and such Recitals are adopted as findings of fact.

Section 2. A suggested Budget Plan for funding the State's portion of the Project shall be filed with the Florida Department of Environmental Protection, Office of Coastal Resilience and Coastal Protection (the "Department").


Section 3. The County Administrator, or designee, is hereby authorized to submit a proposed Budget Plan to the Department substantially in the form attached and to execute any necessary agreements concerning the beach projects with the Department, upon a finding of legal sufficiency by the Office of the County Attorney.

Section 4. The County Administrator's, or designee's, submission of any budget plan is subject to, and contingent upon, an annual budget appropriation by the Board of County Commissioners.


Section 5. To the extent that there are typographical and/or administrative errors and/or omissions that do not change the tone, tenor, or content of this Resolution, then this Resolution may be revised without subsequent approval of the Board of County Commissioners.

**PASSED AND ADOPTED** by the Board of County Commissioners of St. Johns County, State of Florida, this 17<sup>th</sup> day of November 2020

**BOARD OF COUNTY COMMISSIONERS OF ST.  
JOHNS COUNTY, FLORIDA**

By:   
Henry Dean, Vice Chairman

**ATTEST: Brandon J. Patty**  
Clerk of the Circuit Court & Comptroller

By:   
Deputy Clerk

RENDITION DATE 11/19/20





Beach Management Funding Assistance Program  
FY 2021/22 Local Government Funding Request  
Beach Projects Application

**PART I: GENERAL INFORMATION**

Local Sponsor

Local Sponsor Federal ID Number (FEID)

Contact Name  Title

Mailing Address Line 1

Mailing Address Line 2

City  Zip Code  Telephone Number

Email Address

Additional Contact Information

**PART II: CERTIFICATION**

I hereby certify that all information provided with this application is true and complete to the best of my knowledge.

Signature of Local Sponsor  Digitally signed by Damon Douglas  
Date: 2020.09.30 17:15:48 -04'00'

*Electronic or scanned signatures accepted.*

Printed Name  Date



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**PART III: EVALUATION CRITERIA**

**1. Project Name:** (as listed in the Strategic Beach Management Plan)

South Ponte Vedra Dune Restoration Project, St. Johns County R-76 through R-103.5

**2. Project Description:** Include county, location with reference to FDEP range monuments, brief project history, and description of proposed activities. (Note: The box will expand as needed. To expand for printing purposes, click anywhere outside the box when complete.)

Hurricane Matthew devastated much of the dunes and beaches in St. Johns County. In response, as post-hurricane beach recovery assistance, the State of Florida is providing St. Johns County up to \$10,468,834.86, on a 50:50 state: local cost share basis through FDEP Beaches Agreement 17SJ1, to help the county rebuild the dunes and beach berms. St. Johns County will use these post-hurricane recovery monies to rebuild the dune and berm system along R76 to R103.5 in South Ponte Vedra Beach, immediately north of the location of the upcoming USACE Coastal Storm Risk Management Project, and to help pay for the Non-Federal share of the USACE project. However, those post-hurricane recovery funds can only be used for the construction phase of the project.

The current request seeks State funding to conduct the post construction monitoring of the South Ponte Vedra Beach Dune restoration project, St. Johns County, from R76 to R103.5. The proposed project includes a one-time dune nourishment placing an average of 20 cubic yards of sand, replacing sand lost primarily due to Hurricanes Matthew and Irma. The project is scheduled to begin construction late summer of 2021. The sand will come from an offshore borrow site approximately eight miles offshore.



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**3. Use of Requested Program Funds:** Provide a brief description of tasks to be completed in each requested phase (Feasibility, Design, Construction, and/or Monitoring). Indicate which tasks are cost reimbursement, if the work has already been completed.

Funds requested for FY2021/2022 will support pre and post-construction monitoring. Post monitoring will include physical monitoring (i.e., collection and analysis of beach and borrow area surveys) and biological monitoring (turtle nest monitoring, beach tilling, and scarp removal) required by FDEP permit 0340616-003-JC.

**4. Map:** Provide as an attachment. The map(s) of the project area must be formatted at a minimum of 1" = 200' scale.

**Map elements must include:**

- Compass rose with North arrow, scale, and legend.
- Project boundary, including the length of critically eroded shoreline
- FDEP range monuments
- Beach access: indicate primary or secondary access, and include the access width, number and location of parking spaces, bus stops, bike racks, and public restroom facilities
- Public lodging establishments: include the width fronting the project shoreline (for recreational benefits ranking points and eligibility determination), and include the length of street-side frontage within one-quarter mile walking distance of a secondary public access point (for eligibility determination)
- Comprehensive list of current land use designations of properties along the project shoreline (for recreational benefits ranking points)
- Include one-quarter mile buffer and provide a comprehensive list of the values of properties that are enclosed or intersected by the buffer (for value of upland property ranking points)

**5. Project length:** Total restored project length (in feet) of the critically eroded area (as listed in the Strategic Beach Management Plan).

Total project length length in critical erosion area = 28,533 ft (R-76 to R-103.5)





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**7. Schedule and Budget:**

- **Cost Reimbursement:** Specify eligible costs incurred during the three years prior to the current application's fiscal year that have not been reimbursed. Eligible costs will be included in the funding request for the current application.
- **Current and Future Costs:** Specify eligible costs for the current application's fiscal year that are not in a current DEP agreement and have not been reimbursed. Include the estimated costs for the next 5 years and the proposed phases for the next 10 years.

Year	Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
18/19		n/a				
18/19						
18/19						
18/19						
18/19						
Year	Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
19/20		n/a				
19/20						
19/20						
19/20						
19/20						
Year	Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
20/21		n/a				
20/21						
20/21						
20/21						
20/21						
Year	Proposed Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
21/22	Monitoring	Post Construction Monitoring	\$300,000	\$0	\$52,650	\$247,350
21/22						
21/22						



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21/22						
21/22						
Year	Proposed Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
22/23	Monitoring	Year 1 Monitoring	\$300,000	\$0	\$52,650	\$247,350
22/23						
22/23						
22/23						
22/23						
Year	Proposed Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
23/24	Monitoring	Year 2 Monitoring	\$300,000	\$0	\$52,650	\$247,350
23/24						
23/24						
23/24						
23/24						
Year	Proposed Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
24/25	Monitoring	Year 3 Monitoring	\$200,000	\$0	\$35,100	\$164,900
24/25						
24/25						
24/25						
24/25						
Year	Proposed Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
25/26						
25/26						
25/26						





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25/26						
25/26						
Year	Proposed Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
26/27	Monitoring	Year 5 Monitoring				
26/27						
26/27						
26/27						
26/27						
Year	Proposed Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
27/28						
27/28						
27/28						
27/28						
27/28						
Year	Proposed Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
28/29	Monitoring	Year 7 Monitoring				
28/29						
28/29						
28/29						
28/29						
Year	Proposed Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
29/30						
29/30						
29/30						



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29/30						
29/30						
Year	Proposed Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
30/31	Monitoring	Year 9 Monitoring				
30/31						
30/31						
30/31						
30/31						

**8. Tourism-related impacts:** Criteria is calculated by the Department. For reference, tax data can be obtained from the Department of Revenue website: [https://floridarevenue.com/taxes/pages/colls\\_from\\_7\\_2003.aspx](https://floridarevenue.com/taxes/pages/colls_from_7_2003.aspx).

- Current funding request includes construction and year one post-construction monitoring
- Project is managed by two or more counties

Additional comments

**9. Federal involvement:** The documentation to verify authorization, federal cost share percentage, and status of funding award must be provided with the application materials for the award of points.

Is the project Federally authorized by the USACE?

Authorization Year:  Expiration Year:

Does this project have a signed USACE Chief's report for authorization of the requested phase?

USACE federal cost share percentage for this project (excluding FCCE):

Select all that apply for the requested project phase(s):

- Executed USACE project agreement
- Included in USACE work plan
- Approved FEMA Project Worksheet
- Included in Congressional Appropriations Act



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Other documentation: [ ]

10. Storm damage reduction benefits: Criteria is calculated by the Department.

What is the volume (cy) of advanced nourishment lost since the last sand placement event of a beach restoration or nourishment project as measured above the Mean High Water contour? Data should be consistent with the annual post-construction monitoring reports.

n/a

For restoration projects, what is the historical erosion rate?

one-time event

11. Cost effectiveness: Criteria is calculated by the Department. A project design analysis and supporting documentation must be provided with the application materials for the award of points.

What is the proposed sand placement volume (cy)?

~573,000 CY

What is the nourishment interval (years)?

One-time event to mitigate hurricane Matthew damage.

Select all that apply for the current project funding request:

- Enhanced longevity: Propose structural or design components that could extend the beach nourishment interval
Dune addition: Incorporate new or enhanced dune structures or new or existing dune restoration and revegetation projects
Innovative technology: Propose innovative technologies designed to reduce project costs
Regionalization: Two or more local sponsors manage projects together or projects propose regional sediment management strategies to conserve sand resources or reduce project costs

Additional comments for storm damage reduction benefits and cost effectiveness

[ ]

12. Previous state commitment

Has the Department previously reviewed, approved, and cost-shared on a feasibility or design phase for this project? Yes

Has the current proposed project phase(s) received a partial appropriation within 3 years of phase completion? No

Additional comment

On July 6, 2017, FDEP signed grant agreement 17Sj1 with St. Johns County for the purpose of the County, as Local Sponsor, to implement the St. Johns County Hurricane Matthew Recovery project. The FDEP has determined that 100% of the non-federal project cost is eligible for state cost sharing at a rate of 50/50. On March 22, 2019, FDEP and St. Johns County executed an amendment to the grant agreement 17Sj1 which, 1.) extends the agreement to March 31, 2021 and, 2.) increased the total compensation in the amount of \$6,718,834.86 to \$10,468,834.86.



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**13. Accessible beach area:** Criteria is calculated by the Department. Provide data to be considered for the calculation.

Describe the landward and seaward edge of the accessible beach width

Landward edge is the pre-project MHWL and the seaward edge is the construction fill MHWL.

Provide the project boundaries (R-monuments)

R-76 through R-103.5

Provide citations of reference sources

FDEP permit drawings. Approximate added beach area in this R76 to R103.5 segment = 16 acres.

**14. Recreational benefits:** Provide the percentage of linear footage within the project boundaries which is zoned recreational or open space; for commercial use; or to allow for public lodging establishment, or the equivalent.

Commercial: 0 ft = 0%  
 Recreational: 2,780 ft = 9.74%  
 Public Lodging = 0 ft  
 Total = 2,780 ft = 9.74%

**15. Mitigation of inlet effects:** Criteria is calculated by the Department.

Additional comments

The project mitigates the effects of the federal St. Augustine Inlet.

**16. Successive unfunded requests**

Is the current proposed project phase(s) a successive, unfunded request? If so, how many years of successive request(s) is the current application?

1

Does the successive request add the construction phase?

No

**17. Environmental habitat enhancement:** Criteria is calculated by the Department.

Is the project within a designated critical habitat area for threatened or endangered species that is subject to extensive shoreline armoring?

Yes

Is the project within a non-designated area where extensive shoreline armoring threatens the habitat of threatened or endangered species?

No

If yes to either of the above, does the project exceed best management practices to incorporate turtle-friendly designs and management strategies to protect resources or benefit critical habitat preservation?

Yes

Provide an explanation and

(a) project has a substantial dune feature designed to closely mimic pre-Hurricanes Matthew



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supporting documentation for the strategies which exceed best management practices

and Irma topography (b) a lighting ordinance for sea turtle protection covers the project area; nighttime lighting surveys are annually conducted to support enforcement Documentation - FDEP permit drawings; SJC lighting ordinance related to sea turtle protection

18. Readiness to construct

Does the project have an active state permit? Yes
Permit number 0340616-003-JC
Authorization date 09/18/2020
Expiration date 09/18/2035

Does the project have an active federal permit? Yes
Permit number SAJ-2018-03349 \*awaiting issuance
Authorization date tbd
Expiration date tbd

Have all necessary easements been acquired for the upcoming or proposed construction phase? No

Has the necessary local funding been secured for the proposed project? If so, provide a copy of the draft Resolution. The signed Resolution is due by November 20, 2020. Yes

Is an Erosion Control Line established along the project length? No

Additional comments

The 2021-2025 budget, detailed in the County's 2020 Financial Plan, includes appropriate levels of project funding

Provide additional information and comments below or attach separate documents.

Large empty rectangular box for providing additional information and comments.

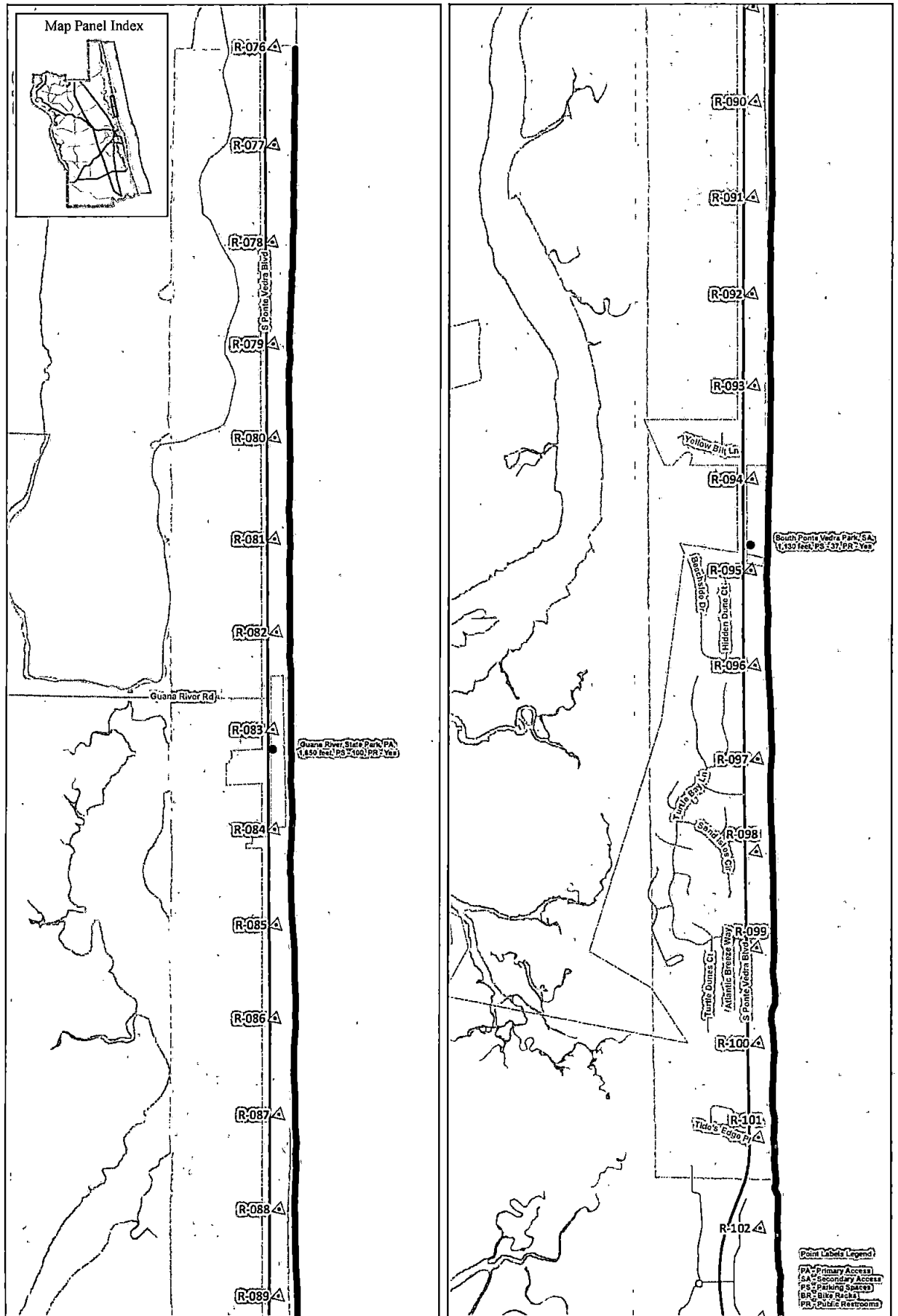
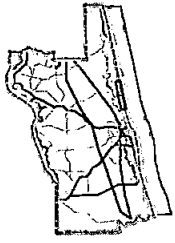


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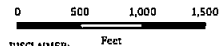
Location/Name	R-Monument	Type of Access	Width of Access/ Frontage	Total Public Units or Parking Spaces	Additional Width from Eligibility	Eligible Shoreline (feet)	DBPR License
Guana River State Park	R-83	Primary	1650	100	5280	6930	
South Ponte Vedra Park	R-95	Secondary	1130	37	1953.6	3083.6	
						Total Eligible Shoreline Length:	10,013.60

Map Panel Index



- Beach Access / Public Lodging Locations
- ▲ Range Monuments
- ▬ Critically Eroded Beach
- 1/4 Mile Buffer for the Property Value Calculations
- Water
- ▬ Saltwater Marsh
- ▬ Park Boundary
- ▬ Municipal Boundary

South Ponte Vedra  
Dune Restoration Project,  
St. Johns County R76 - R101.5



**DISCLAIMER:**  
This map is for reference use only. Data provided are derived from multiple sources with varying levels of accuracy. The St. Johns County GIS Division disclaims all responsibility for the accuracy or completeness of the data shown hereon.  
Map Prepared: 9/24/2020 110478

- Point Labels Legend**
- PA - Primary Access
  - SA - Secondary Access
  - PS - Parking Spaces
  - BR - Bike Rack
  - PR - Public Restrooms

