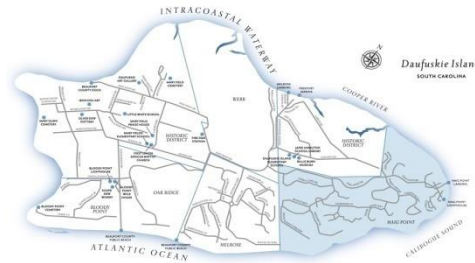


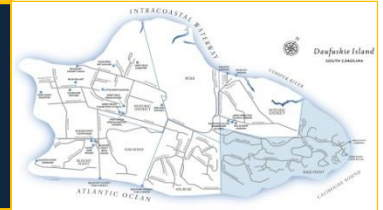
# DAUFUSKIE ISLAND COUNCIL

## 2016 BEAUFORT COUNTY CAPITAL PROJECT SALES TAX PROJECTS

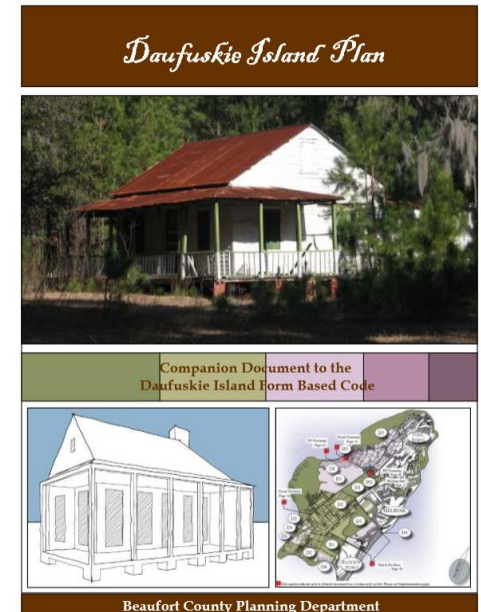


Public Facilities Committee  
15 February, 2016

# DAUFUSKIE ISLAND

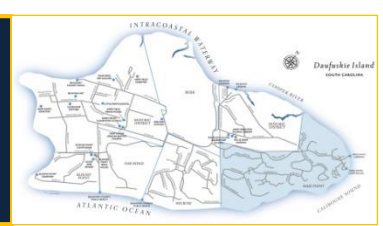


- Projects proposed by the Daufuskie Island Council are integral components of the Daufuskie Island Plan, Beaufort County's detailed vision for the island's future.
- Central to the Plan is the consolidation of island infrastructure and services –
  - Transit & Transportation
  - Water & Sewer
  - Waste & Recyclables
- Economies of scale and greater access to the island.



Daufuskie Island  
*Gaining Momentum – Controlled Development*

# DAUFUSKIE ISLAND



## Transportation - Access is the Key To Daufuskie's Future

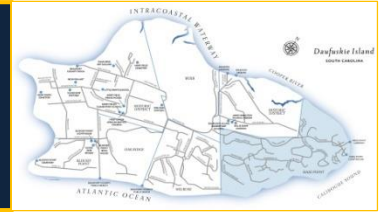
### FERRY

- Daufuskie Island Plan calls for consolidation of ferry services promoting economic development, greater employment opportunities, and improving tourism, resulting in additional tax revenue for the County.
- **Project:** Overhaul 30-40 passenger ferry boat. Ferry to be incorporated in Public-Private partnership providing reliable transportation to Daufuskie. Project funding: \$1 million.

- Residents and visitors, without access to private ferry services, poorly served
- Until recently -- very little effort to consolidate services
- Public/private solutions now possible



# DAUFUSKIE ISLAND



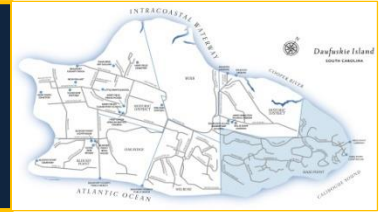
## ROADS

- Daufuskie Island Plan calls for the resolution of un-claimed, non-deeded roadways across the island. Must address issues of health, safety, and quality of life by providing upgrades to the street network.
- **Project:** Placement of critical infrastructure in Right-of-Ways (i.e. water and sewer, communications, etc.). Project funding: \$1.5 million.



- Impassable roads discourage prospective property owners; bad for tourism and business.
- No County plan or timeline to begin acquiring title and ownership of Daufuskie roadways
- Until this occurs neither private nor public investment in the historic district likely

# DAUFUSKIE ISLAND



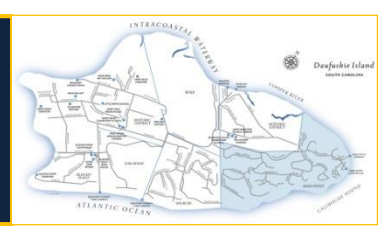
## SOLID WASTE SOLUTION

- Plan calls for the consolidation of island-wide solid waste disposal with an emphasis on sustainability and economies of scale.
- **Project:** Purchase and development of a single solid waste disposal site encompassing all island communities incorporating residential and commercial trash and recyclables for off-island disposal. Project funding: \$2 million

- Current Frances Jones drop-off unsatisfactory
- County spends five times per Daufuskie resident than county average for solid waste
- Studies have determined multiple collection locations and disposal arrangements are inefficient



# DAUFUSKIE ISLAND



## Project Summary

- Overhaul passenger ferry boat
  - Funding: \$1 million.
- Critical infrastructure Right-of-Ways
  - Funding: \$1.5 million
- Single solid waste disposal site
  - Funding: \$2 million

### **Capital Sales Tax Request Guidelines**

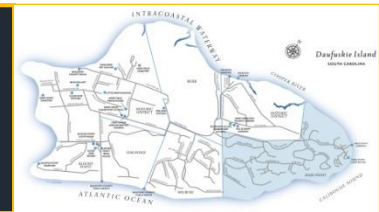
- ✓ Realistic and achievable capital infrastructure need
- ✓ Project can be completed in reasonable time period
- ✓ Maintenance and operations costs funded
- ✓ No competition with private sector
- ✓ Projects physical in nature

Daufuskie Island  
*Gaining Momentum –  
Controlled Development*

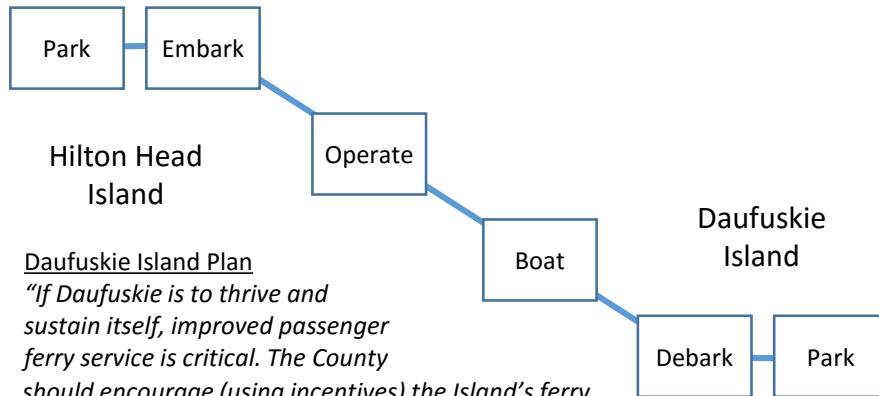


# DAUFUSKIE ISLAND

# FERRY



## Daufuskie Ferry Operation



### Daufuskie Island Plan

*"If Daufuskie is to thrive and sustain itself, improved passenger ferry service is critical. The County should encourage (using incentives) the Island's ferry providers to move toward a consolidation of services."*

1	2
3	4

## Current Operators

Private Providers	Core Business	Embark/Debark	
		HHI	Daufuskie
J&W Corp. of Greenwood	Tourist/Barge Service	Board Creek Marina	Freeport Marina
Haig Point Ferry Company	Haig Point Members & Guests	Haig Point Welcome Center	Haig Point landing

## Ferry Economics

Beaufort County	Annual	Cost to Operate	Annual
Public	\$300K	Fuel	\$125K
School/Gov	<u>\$148K</u>	Variable R&M	\$85K
Total	\$448K	Overhead	\$25K
		Labor	\$300K
<u>Commercial</u>		Fixed Costs	<u>\$65K</u>
Melrose	\$170K	Total	\$600K
Timeshares	\$45K		
US Postal	<u>\$68K</u>		
Total	\$283K		

## Service to Daufuskie

### Current

- Mon-Fri; Alt Sat; No Sun
- One Round Trip
- Hand Carry Baggage
- Limited, Unpaved Parking
- Limited Boat Specs

### Projected

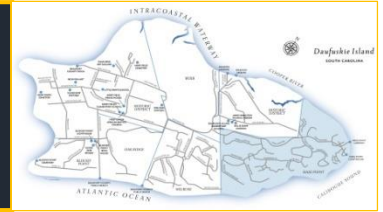
- 7 Days/Week
- Six Round Trips
- Baggage/Luggage/ Golf Handling
- Parking lighted, Paved
- Access to Public Transit
- Boat Specs
  - Enclosed
  - Heat/AC
  - ADA Compatible

### Goals

- On/Off Island Emp.
- Disaster Support
- Special Events
- Island Vacations
- Island Business
- Homeowners
- Access to Grants

# DAUFUSKIE ISLAND

# SOLID WASTE



## Current Situation

- Island 2 x 5 miles; population 400 permanent and 600 part-time; significant tourism
- Multiple inefficient waste collection/disposal/ barging:
  - 1 County convenience center
  - 2 private compacting stations
  - Businesses/contractors with separate barge removals
- County pays \$1,300 per pull (ten times more than other convenience centers)
- County spends nearly x5 per resident than the County average on solid waste management (\$142.67 per resident on Daufuskie: \$29.02 county- wide)

## Studies Conducted

- Solid Waste Integrated Services Study
  - Joyce Engineering, Inc.
  - December 2011
- Daufuskie Evaluation Report
  - A Goldsmith Resources LLC
  - August 2014

## Recommendations

- Implement single solid waste solution through a public/private partnership
  - Reduce costs
  - Minimize environmental impact of multiple collection sites
- Consolidate transferring solid waste off the island
- Reduce off-island barging through –
  - Source reduction, incineration, glass compacting
  - Reuse
  - Recycling
- Reduce illegal dumping



Current Convenience Center: Unpaved, No Fence

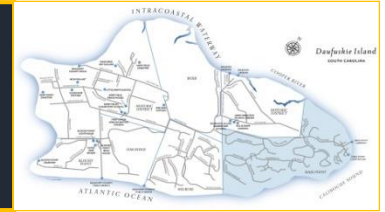


Mixing of Residential and Commercial trash



# DAUFUSKIE ISLAND

## ROADS



### Daufuskie Island Code: High Priority

*“Address the issue of unclaimed, non-deeded roadways across the island”*

- Addresses health, safety, and quality of life by allowing street network upgrades
- Allow placement of critical infrastructure in the ROW (i.e. water, sewer, fiber optic cable, etc.)
- Allow implementation of appropriate roads and streetscaping corresponding with local frontages
- Allow easier development experience for private sector
- Allow owners of non-deeded roadways across their property to stop paying taxes on the ROW



### Prioritized Roads

1. Haig Point Road
2. Cooper River Landing Road
3. School Road
4. Freeport Road
5. Church Road
6. Benjies Point Road
7. Old Haig Point Road
8. Carvin Road
9. Beach Road
10. Turtle Beach Road
11. Oak Ridge Lane
12. Pappy's Landing Road
13. Maryfield Road
14. Propect Road



### Current County-Owned Roads

- Portion of Haig Point Road
- Portion of Pappy's Landing Road
- Frances Jones Blvd.
- Portion of Prospect Road
- Portion of Church Road