

OUR PLAN DRAFT GOALS and STRATEGIES - IWG

The source of the content of this draft is an E-mail attachment transmitted by Taylor Ladd on November 26, 2019. The work group's previous draft is available at <http://connectedcommunity.net/hhi/OPIWG.xml>

Contents

Vision.....	3
Mission.....	3
Values	3
1. Transportation System.....	4
1.1. Pathways.....	4
1.1.1. Gaps.....	4
1.1.2. Connections.....	4
1.1.3. Mainland Connection	4
1.2. Roads.....	4
1.2.1. Materials.....	4
1.2.2. Dirt Roads.....	4
1.2.3. Traffic Enhancements.....	4
1.3. Regulation	4
1.3.1. AV Infrastructure.....	4
1.3.2. MaaS.....	5
1.4. Palmetto Breeze.....	5
1.4.1. Bus Service.....	5
1.4.2. Transportation Network.....	5
1.4.3. Locations & Schedules	5
1.4.4. Autonomous Vehicles	5
2. Airport.....	6
2.1. Collaboration.....	6
2.2. Impacts	6
3. Resiliency.....	7
3.1. Sea Level & Storms	7
3.1.1. Development Projects.....	7
3.1.2. Zoning & Building Codes	7
3.1.3. Disaster Funds	7
3.2. Water Conservation & Reuse	7
3.3. Investments.....	7
4. Natural Resources	8
4.1. Resource Efficiency.....	8
4.1.1. Projects & Programs.....	8
4.2. Water Use	8
4.2.1. Irrigation.....	8
4.2.2. Irrigation Code.....	8
4.3. Energy & Water Sources	8
4.3.1. Aquifer Recharge.....	8
4.3.2. Water Sources.....	8
5. Public Services	9
5.1. Town Government.....	9
5.2. Town Staff.....	9
5.3. Safety.....	9
5.4. Essential Services	9
6. Housing	10
6.1. Workforce Housing	10

6.2. Neighborhoods10
7. Emerging Technologies.....11
7.1. Policies11
Administrative Information.....11

DEMONSTRATION ONLY

Organization

Infrastructure Work Group (IWG)

Stakeholder(s):

Anne Cyran :
Submitter

Vision

'Right-Sized' Infrastructure

Mission

Innovative Approach to Create 'Right-Sized' Infrastructure

Values

Innovation:

DEMONSTRATION ONLY

1. Transportation System

To establish a dedicated, Island-specific transportation system (to include intermodal options) serving residents, workers, and visitors, linked with a regional transportation system.

1.1. Pathways

Provide a comprehensive, Island-wide pathway network as an alternative to motorized transportation.

1.1.1. Gaps

Continue to expand and fill in gaps in the pathway system.

1.1.2. Connections

Create policies encouraging connections between adjacent properties and pathways to improve safety and accessibility.

1.1.3. Mainland Connection

Coordinate with SCDOT and Beaufort County to establish a safe multi-use pathway connection between the Island and the mainland.

Stakeholder(s):

SCDOT

Beaufort County

1.2. Roads

Implement features that improve the efficiency of the road network.

1.2.1. Materials

Research emerging materials that may be more effective for road construction.

1.2.2. Dirt Roads

Continue to encourage and facilitate the paving of dirt roads throughout the Island.

1.2.3. Traffic Enhancements

Evaluate the use of traffic enhancements (turn lanes, signals, lighting) over new road construction.

1.3. Regulation

Ensure policies regulate and infrastructure facilitates emerging modes of transportation on both roads and pathways.

1.3.1. AV Infrastructure

Plan for infrastructure and operating certification/procedures that adapt for Autonomous Vehicles (AV).

1.3.2. MaaS

Plan for public infrastructure that adapts for Mobility as a Service (MaaS).

Mobility as a Service (MaaS) is a concept describing a shift away from the ownership of personal vehicles for transportation to the use of public and private services offered through a unified structure to meet the specified needs of travelers.

1.4. Palmetto Breeze

Work with the Palmetto Breeze service to create an effective public transportation system on the Island and between the Island and the mainland.

Stakeholder(s):

Palmetto Breeze

1.4.1. Bus Service

Consider support for (public and private) bus service to a transportation hub on north Island for workers who commute to the Island daily.

Stakeholder(s):

Commuters

1.4.2. Transportation Network

Evaluate an on-island network linking transportation hub, business hub, and tourist attractions with schedules synchronized to work/activity flow.

1.4.3. Locations & Schedules

Collaborate with PUDs to link their transit locations and schedules with the Island-wide network.

Stakeholder(s):

PUDs

1.4.4. Autonomous Vehicles

For public transportation, evaluate and adapt to autonomous vehicles.

2. Airport

To 'Right-Size' the airport's capabilities and operations.

2.1. Collaboration

Continue to collaborate with federal, state, and county authorities and general aviation interests to enhance tourist, business and resident accessibility to aviation services.

2.2. Impacts

Encourage Beaufort County to evaluate the interests of nearby residents and property owners when considering changes to the airport facilities.

Stakeholder(s):

Beaufort County

DEMONSTRATION ONLY

3. Resiliency

To ensure physical, social, and economic resilience from climate and environmental challenges.

3.1. Sea Level & Storms

Establish an integrated program for resistance to and resilience from the effects of rising sea levels and tropical storms.

3.1.1. Development Projects

The Town should assess environmental resistance and resilience when considering private and public development projects.

3.1.2. Zoning & Building Codes

Evaluate changes to zoning and building codes to minimize vulnerabilities.

3.1.3. Disaster Funds

Maintain and replenish Town disaster relief funds.

3.2. Water Conservation & Reuse

Develop a program to educate the public on water conservation and water reuse.

3.3. Investments

Identify and fund proactive investments in public actions which enhance resistance to and recovery from environmental challenges.

4. Natural Resources

To preserve natural resources by the efficient use of utilities.

4.1. Resource Efficiency

Promote resource efficiency to minimize environmental impact without eroding the Island's residential, tourism, and business infrastructure.

4.1.1. Projects & Programs

Support collaborative projects and programs among the PSDs that benefit long-term water resource stewardship and protection.

Evaluate the use of Town-owned land for water source/supply projects.

Stakeholder(s):

PSDs

4.2. Water Use

Establish and enforce community standards for discretionary water use.

4.2.1. Irrigation

Support programs and education to help reduce the use of potable water for residential irrigation.

(Currently 40-60% of potable water use).

4.2.2. Irrigation Code

Explore methods to increase compliance with the existing residential irrigation code.

4.3. Energy & Water Sources

Investigate development and operation of alternative energy and water sources.

4.3.1. Aquifer Recharge

Investigate the creation of aquifer recharge zones using stormwater projects near potable well capture zones.

4.3.2. Water Sources

Support PSD investigations into alternative sources of potable water.

Stakeholder(s):

PSDs

5. Public Services

To promote efficient and secure public services (safety, emergency, planning, and administration) to meet current and future needs.

5.1. Town Government

Structure and staff Town government to meet the challenges of increased population, regulatory complexity, technical development, and public expectations.

5.2. Town Staff

Fund and equip Town staff to meet the increasing scope and complexity of public service demands.

Stakeholder(s):

Town Staff

5.3. Safety

Ensure the safety of Town residents and visitors through excellent law enforcement, Fire Rescue and emergency management services.

5.4. Essential Services

Encourage public service providers to ensure continuity of essential services for all Island residents and businesses.

Stakeholder(s):

Public Service Providers

6. Housing

To promote housing options to meet the needs of all current and future populations on the Island.

6.1. Workforce Housing

Adopt policies to support the proposed Workforce Housing program.

6.2. Neighborhoods

Engage property owners and public agencies in neighborhood development design ideas.

Stakeholder(s):

Property Owners

Public Agencies

Neighborhoods

7. Emerging Technologies

To anticipate policy implications and resource investments needed to embrace emerging technologies.

7.1. Policies

Adopt policies to address the use of emerging technologies. (ex: fiber optic service for the entire Island, 5G, information management, cellular satellite).

Administrative Information

Start Date: 2019-11-22

End Date:

Publication Date: 2019-11-27

Source: <https://www.hiltonheadislandsc.gov/boards/agendas/2019packets/ourplan-12-2-2019-pack.pdf>

Submitter:

Given Name: **Surname:**

Email: Owen.Ambur@verizon.net

Phone: