



The Town of Hilton Head Island
Our Plan Infrastructure Work Group

Friday, November 8, 2019, 10:00 AM

The Living Lab at Town Hall

AGENDA

*As a courtesy to others please turn off / silence ALL mobile devices during the meeting.
Thank You.*

- 1. Call to Order**
- 2. FOIA Compliance** - Public notification of this meeting has been published, posted, and distributed in compliance with the South Carolina Freedom of Information Act and the requirements of the Town of Hilton Head Island.
- 3. Welcome & Introductions**
- 4. Discussion Items**
 - a. Review list of potential strategies for draft goals.
- 5. Staff Report/Updates**
- 6. Adjournment**

*Please note that a quorum of Town Council may result if four (4) or more of their members attend this meeting.
Please note that a quorum of the Planning Commission may result if five (5) or more of their members attend this meeting.*



Town of Hilton Head Island
Our Plan Infrastructure Work Group

Friday, October 11, 2019 at 10:00 AM

The Living Lab at Town Hall

MEETING NOTES

Work Group:

Innovative Approach to Create 'Right-Sized' Infrastructure

Present from Work Group: Chris Christon, Paul Crunkleton, Kristen Keller, Pete Nardi, Mark O'Neil

Present from Town Staff: Taylor Ladd

Present from Town Council: Tamara Becker

- The meeting was called to order at 10:00 AM.
- Jon Rembold, Airports Director, presented information on the airport's recent expansion and future plans and needs.
- Discussed Development Team's comments and updated draft goals:
 1. To establish a dedicated, Island-specific transportation system (to include intermodal options) serving residents, workers, and visitors, linked with a regional transportation system.
 - a. Strategy: Enhance pathway connections on the Island, and establish a pathway connection between the Island and the mainland.
 - b. Strategy: Implement features that improve the efficiency of the road network.
 2. To "right-size" the airport's capabilities and operations.
 3. To ensure physical, social, and economic resilience from climate and environmental challenges.
 - a. Strategy: To support the resiliency of public utilities.
 4. To preserve natural resources by the efficient use of utilities.
 5. To promote efficient and secure public services (safety, emergency, planning, and administration) to meet current and future needs.
 6. To promote housing options to meet the needs of all current and future populations on the Island.
 7. To anticipate the policy implications and resource investments needed to embrace emerging technologies.
- The October 25, 2019 meeting is cancelled.
- The meeting scheduled for November 15, 2019 is rescheduled for November 8, 2019.

- At the next meeting on November 8, 2019, we will review potential strategies for the draft goals.
- The meeting adjourned at 11:30 AM.

Submitted by: Anne Cyran



OUR PLAN – DRAFT GOALS & LIST OF POTENTIAL STRATEGIES

Innovative Approach to Create ‘Right-Sized’ Infrastructure

	Circle One		Goal 1: To establish a dedicated, Island-specific transportation system (to include intermodal options) serving residents, workers, and visitors, linked with a regional transportation system.
			Pathways
1	Strategy	Tactic	Fill in gaps in the pathway system (particularly around Sea Pines Circle).
2	Strategy	Tactic	Create policies requiring pathway connections between adjacent properties to improve safety and accessibility.
3	Strategy	Tactic	Establish a safe multi-use pathway connection between the Island and the mainland.
			Road Network
4	Strategy	Tactic	Implement features that improve the efficiency of the road network.
5	Strategy	Tactic	Enhance traffic analysis reporting to differentiate among road use purposes.
6	Strategy	Tactic	Identify more cost-effective material for roadway maintenance.
7	Strategy	Tactic	Complete replacement of dirt roads throughout the Island.
8	Strategy	Tactic	Prioritize traffic enhancements (turn lanes, signals, lighting) over new road construction.
			Emerging Technology & Transportation Modes
9	Strategy	Tactic	Ensure policies regulate and infrastructure facilitates emerging modes of transportation on both roads and pathways.
10	Strategy	Tactic	Develop infrastructure and operating certification/procedures for Autonomous Vehicles (AV) by 2030
11	Strategy	Tactic	Establish public infrastructure for Mobility as a Service by 2040
			Public Transportation
12	Strategy	Tactic	Enhance the Palmetto Breeze service to create a large, effective public transportation system on the Island and between the Island and the mainland.
13	Strategy	Tactic	Evaluate impact of US 278 expansion on downstream traffic volume and identify mitigation options (e.g. park and ride)
14	Strategy	Tactic	Subsidize (public and private) long-haul bus service to transportation hub on north Island for portion of the 8,000 workers who commute to HHI daily
15	Strategy	Tactic	Establish and subsidize an on-island jitney network linking transportation hub, business hub, and tourist attractions with schedules synchronized to work/activity flow

16	Strategy	Tactic	Execute an integrated (federal, state, county, town) funding plan to subsidize (25-35%) capital and operational costs of public transportation.
17	Strategy	Tactic	Collaborate with PUDs to link their transit locations and schedules with the Island-wide network.
18	Strategy	Tactic	Implement a parking fee regime which will discourage the use of personal vehicles for on-Island travel once an adequate public transit network is operational
19	Strategy	Tactic	For public transportation, transition to autonomous vehicles by 2030
			Maritime Transportation
20	Strategy	Tactic	Maintain and enhance capabilities for maritime transport, including off-Island ferries, on-Island shuttles, dredging and dockage, and integration with the public transportation network.
Notes & Additional Ideas			

	Circle One		Goal 2: 'Right-Size' the airport's capabilities and operations.
1	Strategy	Tactic	Upgrade the airport terminal to accommodate recent and future changes, including facilities to accommodate public transportation and emerging alternative means of transportation.
2	Strategy	Tactic	When considering improvements, balance demand with airspace congestion and noise abatement.
3	Strategy	Tactic	Analyze passenger usage following facility and schedule expansion to characterize and project volume.
4	Strategy	Tactic	Identify facility and schedule expansion requirements to meet projected volume.
5	Strategy	Tactic	Evaluate the long-haul bus connectivity between Savannah airport and HHI transportation hubs as an acceptable alternative to further schedule expansion.
Notes & Additional Ideas			

	Circle One		Goal 3: To ensure physical, social, and economic resilience from climate and environmental challenges.
1	Strategy	Tactic	Establish an integrated program for resistance to and resilience from the effects of rising sea levels and tropical storms.
2	Strategy	Tactic	The Town or a regional board should regulate the required changes
3	Strategy	Tactic	These efforts should be funded by a tax on water and sewer use and by a pollution levy.
4	Strategy	Tactic	Avoidance through changes to zoning and building codes.
5	Strategy	Tactic	Resistance through coastal berms and plantings.
6	Strategy	Tactic	Resilience through engineered flood areas, permeable pavements.
7	Strategy	Tactic	Emergency funding from Town/County disaster relief funds.
Notes & Additional Ideas			

	Circle One		Goal 4: To preserve natural resources by the efficient use of utilities.
1	Strategy	Tactic	Consider supporting the combination of the Public Service Districts to reduce redundancy and take advantage of scales of economy.
2	Strategy	Tactic	Create aquifer recharge zones using stormwater projects near potable well capture zones.
3	Strategy	Tactic	Consider larger capacity fees for development.
4	Strategy	Tactic	Investigate alternative sources of potable water.
5	Strategy	Tactic	Encourage/enhance use of grey water for irrigation and other uses.
6	Strategy	Tactic	Establish and enforce community standards for discretionary water use.
7	Strategy	Tactic	Investigate supplementary energy sources considering an evolving regulatory and cost environment.
Notes & Additional Ideas			

	Circle One		Goal 5: To promote efficient and secure public services (safety, emergency, planning, and administration) to meet current and future needs.
1	Strategy	Tactic	Size and equip Town staff to meet the challenges of increased population, regulatory complexity, technical development, and public expectations.
2	Strategy	Tactic	Audit Town staff organization and size to meet current and future requirements.
3	Strategy	Tactic	Maintain and update public facilities and equipment to accommodate increased demands and service delivery options.
4	Strategy	Tactic	Enhance planning and evaluation capabilities through partnership with public commissions and boards.
5	Strategy	Tactic	Structure Town management to ensure responsiveness to public priorities.
6	Strategy	Tactic	Evaluate relative authorities of the Mayor, Town Council, and Town Manager.
7	Strategy	Tactic	Establish timely public transparency of Town contracting and acquisition actions.
8	Strategy	Tactic	Establish and report on performance metrics for major Town programs and contracts.
9	Strategy	Tactic	Identify additional revenue sources as necessary to maintain public services along with a balanced budget.
10	Strategy	Tactic	Ensure the safety of Town residents and visitors through adequate law enforcement, Fire and Rescue and emergency management services
11	Strategy	Tactic	Regularly re-evaluate the cost and performance metrics of contracting law enforcement services from Beaufort County.
12	Strategy	Tactic	Periodically update the Fire and Rescue Master Plan and implement necessary changes.
13	Strategy	Tactic	Consider alternate/additional funding sources for fire and rescue and law enforcement services.
14	Strategy	Tactic	Maintain and update the town's emergency communications system and ensure its interoperability with county, state and federal agencies.
15	Strategy	Tactic	Harden electric grid management and delivery systems to minimize vulnerability to environmental or cyber threats.
16	Strategy	Tactic	Extend and maintain public sewer system to all Island residents and businesses.
17	Strategy	Tactic	Modernize capabilities and increase options for cost effective waste disposal.
18	Strategy	Tactic	Support development and maintenance of an integrated and secure wired/wireless telecommunications grid.
Notes & Additional Ideas			

	Circle One		Goal 6: To promote housing options to meet the needs of all current and future populations on the Island.
1	Strategy	Tactic	Adopt policies to support the proposed Workforce Housing program.
2	Strategy	Tactic	Engage owners and public agencies in neighborhood development design ideas.
3	Strategy	Tactic	With stakeholders, develop plans for neighborhoods outside PUDs, and publish those plans.
4	Strategy	Tactic	Develop PUDs as villages (ex: Columbia, MD).
5	Strategy	Tactic	Increase supply and availability of moderately priced housing affordable to the Island's workforce.
6	Strategy	Tactic	Public support and/or incentives to stimulate private development of multi-family residential structures.
7	Strategy	Tactic	Develop zoning options for multi-use developments.
8	Strategy	Tactic	Remove barriers to development/redevelopment of multi-owner properties.
9	Strategy	Tactic	Assist owners of heirs' property to reconcile ownership issues.
10	Strategy	Tactic	Limit development of interval ownership units (timeshares).
11	Strategy	Tactic	Promote refurbishment of interval ownership and short-term rental units.
12	Strategy	Tactic	Increase supply and accessibility of attached and multi-family ownership and rental units suitable for residents aging in place.
Notes & Additional Ideas			

	Circle One		Goal 7: To anticipate policy implications and resource investments needed to embrace emerging technologies.
1	Strategy	Tactic	Adopt policies and establish infrastructure to address the use of emerging technologies, such as autonomous vehicles and commercial drones.
2	Strategy	Tactic	Adopt policies and make investments to support the installation of fiber optic service for the entire Island.
3	Strategy	Tactic	Establish infrastructure to support Island-wide operation of Plug-in Electric Vehicles (PEVs).
Notes & Additional Ideas			