Citizens Action Committee July 24, 2015

RE-DEVELOPING MOBILE’S COASTAL PENINSULA
THE HEART OF DAUPHIN ISLAND PARKWAY

AN UPDATE
The Peninsula of Mobile
A Non-Profit 501(c)(3) organization

Supporting the development of a clean and vibrant community, while working to sustain the sensitive environment that is....

The Peninsula
Stormwater enters either Payne, Rabby and Willow Run Creek and Robinson Bayou and Dog River...

Ultimately into Mobile Bay.
Muddy Water from Construction Site flowing toward shopping center storm water inlet. No BMFs between construction site and inlet.

Photo: Nykvist 2013
Muddy Water from Construction Site flowing toward shopping center storm water inlet. No BMPs between construction site and inlet.
To Manage Our Growth.
Existing:
- Parks
- Crepe Myrtle Bike Trail
- Dog River Scenic Blueway Trail

Active Programs:
- Sustainable Development Plan
- Focus "Miracle" Mile
- Pilot Project
- Crepe Myrtle Trail Extension
- Perch Creek Nature Trail Boardwalk
- Visitor Center

Proposed Long Range Projects:
- Shoreline Restoration
- Wetland Preservation
- West Crepe Myrtle Trail Ext.
- Brookley Crepe Myrtle Trail Ext.
- Trail Boardwalk & Rest Stops
- Park
Low Impact Development (LID)

• Improve stormwater quality
• Improve health of local water bodies
• Reduce flooding
• Increase groundwater recharge
• More attractive landscapes
• Wildlife habitat benefits
• Improved quality of life

Edited from Low Impact Development Handbook for the State of Alabama
Steps..

Comprehensive Corridor Master Plan featuring LID concepts and a Redevelopment District overlay

• Completed mapping
• Applied for and received planning grant(s)
• Hired planner
• Holding public workshops
• Coordinating plans
Plan Pilot Project....

Section 4 Bay Furniture

RAIN GARDENS & CURB CUTS
Rain gardens could provide stormwater and aesthetic value along Dauphin Island Parkway, particularly at the corner of CIF and Bryan Ave. The shopping center’s sign, currently located in the center of the parking lot, could be relocated to the corner rain garden.

Pollutant Removal Efficiency: Sediment 80%, Nutrients 54-69%, and P 49%

PERMEABLE PAVING
The shopping center’s nearly one acre of impervious parking lot could be ripped out and replaced with pervious paving. This would have the greatest immediate and long term stormwater management impact.

Pollutant Removal Efficiency: Nutrients 60-70%, and P 60%. Metals 90%

RAINWATER HARVESTING
Bay Furniture’s substantial roof area (6000+ square feet) could be used to advantage by directing water into rain barrels. Harvested rainwater could be used for toilet flushing or irrigating rain gardens during dry times. By placing rain barrels at the front of the store, Bay Furniture could market them to homeowners by demonstrating their use.

Pollutant Removal Efficiency: no data
Currently a sea of imperious surface at the headwaters to Perch Creek, a clean urban stream and the focus of our eco-recreation plan.
Imagine....

Permeable Interlocking Concrete Pavers; Orange Beach, AL

Synonyms: Pervious pavement, modular paving systems, enhanced porosity concrete, porous pavement, modular plastic permeable paving

Use of native plants for minimal maintenance
Litter Initiative includes new partnerships

State Right-of-Way
Rabby Creek @ I-10 & DIP
Dog River Watershed
North gateway to Peninsula

Thank you ALDOT
And ALDOT at the South entrance...

State Right-of-Way
Mouth of Dog River to Mobile Bay
Popular fishing spot
Clarke’s Exxon and Dignity Funeral Home (Pine Crest Cemetery)
Waffle House & next door vacant lot
Trails...
Our Partners include...

- The Bedsole Foundation
- ALDOT
- Alabama Coastal Foundation
- Auburn University
- City of Mobile
- Delta Bike Project
- Dog River Clearwater Revival
- Mobile Airport Authority
- Mobile Baykeeper
- Mobile Bay National Estuary Program
- Mobile United
- So. AL Small Business Development Center