Congratulations to the RLA Class of 2013

RLA Class of 2013 Big Idea – Transportation

Implement an easy to use, affordable mass transit system connecting the various bedroom communities with job/activity centers.

- The rail/bus/boat transit system should be available by pedestrian and bicycle system in new and existing neighborhoods
- The transit system would be done in stages, not region-wide at first
- Enables an attractant for business (employees can live anywhere in the region, business can pull from larger workforce)
- As link to neighboring rail systems, spurs tourism
- Allow for a TOD to be successful, spurring others to emulate
Staff Presentation to Regional Community Institute of Northeast Florida, Inc. Annual Meeting
September 23, 2013
## Regional Community Institute (RCI) Annual Budget

<table>
<thead>
<tr>
<th></th>
<th>FY 08/09</th>
<th>FY 09/10</th>
<th>FY 10/11</th>
<th>FY 11/12</th>
<th>FY 12/13</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Program Revenues:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>RCI Fundraising</td>
<td>262,149</td>
<td>26,601</td>
<td>16,866</td>
<td>4,543</td>
<td>150</td>
<td>310,309</td>
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<tr>
<td><strong>Total Program Revenues</strong></td>
<td>262,149</td>
<td>26,601</td>
<td>16,866</td>
<td>4,543</td>
<td>150</td>
<td>310,309</td>
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<tr>
<td><strong>Program Expenses:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>FY 08/09</td>
<td>341,951</td>
<td></td>
<td></td>
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<td>341,951</td>
</tr>
<tr>
<td>FY 09/10</td>
<td></td>
<td>26,601</td>
<td></td>
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<tr>
<td>FY 10/11</td>
<td></td>
<td></td>
<td>14,419</td>
<td></td>
<td></td>
<td>14,419</td>
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<tr>
<td>FY 11/12</td>
<td></td>
<td></td>
<td></td>
<td>4,551</td>
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<tr>
<td>FY 12/13</td>
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<td></td>
<td></td>
<td></td>
<td>35,714</td>
<td>35,714</td>
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<tr>
<td><strong>Total Program Expenses</strong></td>
<td>341,951</td>
<td>26,601</td>
<td>14,419</td>
<td>4,551</td>
<td>35,714</td>
<td>423,236</td>
</tr>
<tr>
<td><strong>Income (Loss) on Program</strong></td>
<td>(79,802)</td>
<td>(0)</td>
<td>2,447</td>
<td>(8)</td>
<td>(35,564)</td>
<td>(112,927)</td>
</tr>
</tbody>
</table>
Summary of FY 2011/2012 Audit Results

Financial Statements
Type of auditors’ report issued: Unqualified

Internal Control over financial reporting:
  Any material weakness identified? No
  Any noncompliance finding to financial statements noted? No
  Corrective Action Plan needed? Not required—no prior year findings
RCI Board Slate of Nominees

Renewal of Term
- Ms. Phelan
- Mr. Rhodes

New to the Board
- Mr. Bechtle*
- Ms. Owen Gledhill
- Ms. Schurr*
- Ms. Stanton*
- Mr. Thoburn*

* NEFRC Nominee
General Activity Update

- RCI policy work on Sea Level Rise
- RCI Chair briefs NEFRC Legislative Policy Committee on Sea Level Rise
- RCI Chair discusses potential policy issues for 2014 with NEFRC Legislative Policy Committee: Senior Plan, Thriving Small Business, *St. Johns River as Economic Driver*
RLA Recruitment

It’s a new day! If you nominate, they are in!
Nominate by end of November
NEFRLA.COM
SAVE THE DATE
Elected Officials Lunch
and Regional Awards: December 5, 2013

NEED A PLAN
RLA/RCI Social: Cocktails and Silent Auction(?)
Next RCI Annual Meeting

- September 22, 2014

- Questions?
Agenda
Meeting of the RCI Board of Directors
September 23, 2013

• Call to Order and Roll Call
• *Approval of Minutes
• *Election of Officer due to expiring term: Chair
  • Slate: Mr. Conkey
• *Potential Election of Officer due to vacancy: Vice Chair
• Policy work for 2012/2013
Policy Work: Sea Level Rise

“The Northeast Florida Regional Council asks the Regional Community Institute of Northeast Florida, Inc. to consider Sea Level Rise and its potential to impact Northeast Florida. If they determine our Region is vulnerable, we ask them to determine working assumptions for level of rise and planning timeframe, to assist local governments in assessing their resiliency, and to recommend regional strategies if they believe it appropriate.”

Motion of NEFRC, August 2012
Policy Work: RCI Emergency Preparedness Committee on Sea Level Rise

- Determine if we are vulnerable
- If so, assumptions for level of rise and timeframes
- Community Resiliency Assessments of interested coastal and waterfront communities
- Use what was learned to provide policy recommendations to NEFRC Board in October 2013
- Bob Page will address NEFRC Board in November 2013
# Historic Relative Sea Level Change - Florida Atlantic Coast

Relative Sea Level Change = Estimated Global Sea Level Trend (1.7 mm/yr) + local Vertical Land Motion


<table>
<thead>
<tr>
<th>Tide Station (# and Name)</th>
<th>mm/yr</th>
</tr>
</thead>
<tbody>
<tr>
<td>8720030 Fernandina Beach</td>
<td>2.30</td>
</tr>
<tr>
<td>8720218 Mayport</td>
<td>2.29</td>
</tr>
<tr>
<td>8721120 Daytona Beach <em>(Inactive)</em></td>
<td>2.32*</td>
</tr>
<tr>
<td>8723170 Miami Beach <em>(Inactive)</em></td>
<td>2.39*</td>
</tr>
<tr>
<td>8723970 Vaca Key <strong>(&lt;40 years)</strong></td>
<td>2.90**</td>
</tr>
<tr>
<td>8724580 Key West</td>
<td>2.20</td>
</tr>
</tbody>
</table>
Relative Sea Level Rise Scenarios
for Mayport, FL

- USACE High Rate
- USACE Intermediate Rate
- USACE Low Rate (Current Rate)
- NOAA Low
- NOAA Int Low
- NOAA Int High
- NOAA High

Relative Sea Level Change (Meters)

Year

Relative Sea Level Rise (Feet)

NCA SLR
### Relative Sea Level Change Scenarios for Mayport, FL (feet)

<table>
<thead>
<tr>
<th>Year</th>
<th>USACE NOAA Low</th>
<th>USACE Int. NOAA Int-Low (Mod. NRC Curve I)</th>
<th>NOAA Intermediate High</th>
<th>USACE High (Mod. NRC Curve III)</th>
<th>NOAA High</th>
<th>National Climate Assessment Draft Jan. 2013</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SLR Scenario</td>
<td>Local Historic SLR</td>
<td>Global SLR +0.5m by 2100</td>
<td>Global SLR +1.2m by 2100</td>
<td>Global SLR +1.5m by 2100</td>
<td>Global SLR +2.0m by 2100</td>
</tr>
<tr>
<td>1992</td>
<td></td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>2010</td>
<td></td>
<td>0.2</td>
<td>0.2</td>
<td>0.2</td>
<td>0.3</td>
<td>0.3</td>
</tr>
<tr>
<td>2060</td>
<td></td>
<td>0.5</td>
<td>0.9</td>
<td>1.8</td>
<td>2.2</td>
<td>2.9</td>
</tr>
<tr>
<td>2100</td>
<td></td>
<td>0.8</td>
<td>1.8</td>
<td>4.1</td>
<td>5.1</td>
<td>6.8</td>
</tr>
<tr>
<td>2110</td>
<td></td>
<td>0.9</td>
<td>2.1</td>
<td>5.6</td>
<td>6.0</td>
<td>8.0</td>
</tr>
</tbody>
</table>

Notes: USACE projections are for historic, modified NRC Curve I and modified NRC Curve III rates of sea level change developed for Northeast Florida per USACE Engineering Circular (EC) 1165-2-212. This EC is based on guidance in the National Research Council (NRC) report, *Responding to Changes in Sea Level; Engineering Implications* dated September, 1987. The projections are developed using the historic rate of sea level rise at Mayport as reported by NOAA (2.29 mm/yr). NOAA projections use the same EC equations modified for different global SLR scenarios. The NRC, USACE and NOAA guidance documents do not address dates beyond 2100. All projections start from 1992 control for the national survey datum per EC 1165-2-212. NOAA guidance: [http://cpo.noaa.gov/Home/Home/AllNews/TabId/315/ArtMID/668/ArticleID/80/Global-Sea-Level-Rise-Scenarios-for-the-United-States-National-Climate-Assessment.aspx](http://cpo.noaa.gov/Home/Home/AllNews/TabId/315/ArtMID/668/ArticleID/80/Global-Sea-Level-Rise-Scenarios-for-the-United-States-National-Climate-Assessment.aspx) National Climate Assessment, Draft Report for Public Review, Jan 2013: [http://ncadac.globalchange.gov/](http://ncadac.globalchange.gov/)
Are we vulnerable?

U.S. Army Corps of Engineers EC 1165-2-212
Relative Sea Level Rise Scenarios for Mayport, FL

Year

Relative Rise (feet)
Economic Development

One Foot  Three Feet  Six Feet

Legend:
- 1 Foot Sea Level Rise
- Top County Employer
- Top Regional Employer

*The sea level rise tool shows inundation starting at mean higher high water.

Economic Development - Resources of Regional Significance
1 Foot Sea Level Rise

Economic Development - Resources of Regional Significance
3 Foot Sea Level Rise

Economic Development - Resources of Regional Significance
6 Foot Sea Level Rise
We are vulnerable: Assumptions

- 1’-3’ by 2060 (3’ to match GTM NERR Study)
- 3’-6’ by 2110
- Probability of 6’ is low, worst case
- Using the most simple NOAA coverage
- Start the conversation
- Use vulnerability review and input from Community Resiliency Assessments to identify policies for consideration (Committee Compilation) and Regional Action Plan
Action: Create a Clearinghouse on Understanding Risk

- Tools for the Individual
- Building techniques that mitigate risk
- Regional maps
- Tool for local government (DEO statewide guide)
- Tools that link disaster planning to sea level rise
Action: Engage the Community

- October 28, 2013 workshop for local government officials
- Create educational working group to advise NEFRC outreach campaign
- Create/Partner with resilient communities working group
Action: Save Money

- Help communities participate in the Community Rating System. (Beware of Biggert-Waters!)
- Develop Northeast Florida assumptions to run the NOAA “What will Adaptation Cost” methodology when considering public, and eventually private, investments in vulnerable areas.
Action: Collaborate and Leverage Success

- Use strategies already in use in the region
- Close collaboration with the GTM NERR/UF Matanzas Basin Study
- Capitalize on local data, including JXMTX/NOAA/JU-MSRI
- Clearinghouse links to adaptation approaches
- COJ LID Manual as model for other communities
- Best Management Practices at NAS Jax as model
Action: Engage the Business Sector in Long Term Resiliency

- NEFRC creates Public/Private Regional Resiliency (P2R2) to develop a regional strategy that will incentivize population and private development to locate outside of vulnerable areas
- Metrics: tax base, property values and private ownership in areas vulnerable to sea level rise and major flood
- Committee makeup: Homebuilder, Mortgage Banker, Risk Manager, Lawyer, Engineer, ULI NF rep, Jax USA rep, Realtor, Economist, Planner, Natural Resource Planner, RCI rep, NEFRC rep, County Govt. rep, Muni Govt. rep
Next Steps

- Report given to NEFRC October 3, 2013
- Press release for both Recommended Regional Action Plan and October 28, 2013 Workshop
- Bob Page to address NEFRC November 7, 2013
Policy Work: Thriving Small Business

- Make recommendations to NEFRC on policies and actions that will help small businesses thrive in all seven counties of Northeast Florida. Determine the baseline for small business, review best practices, lessons learned in and outside the region, and identify the desired outcomes that would make Northeast Florida the region in Florida the most conducive to small business startup, expanded employment, and long-term success. Identify the policies and actions needed to achieve the desired outcomes, making full use of opportunities such as those presented by the region’s Economic Development District designation. Partner with innovators that care about this topic, including SBA, SBDC at UNF, SBDC at UCF, OneSpark, Chambers of Commerce, JaxUSA, the Microenterprise Working Group, etc., so that policies and actions are shared and have a greater chance of success. Recommend metrics to be tracked by NEFRC as part of its annual State of the Region report. Report results to NEFRC in October 2014.

Motion of NEFRC, August 2013
Agenda (cont.) Meeting of the RCI Board of Directors
September 23, 2013

- Policy Work for 2013/2014: Committee and Committee Chair Assignments
- Recognition: Resolutions
- Funding
- General Discussion
- 2014 Meetings:
  - Jan. 27, March 24, June 23, Sept. 22
- Adjourn