

Integrated into Operations Initiatives Matrix as of July 14, 2015

Category: Capital Improvement Program (CIP) Initiatives

Initiative Title	Assigned To:	Departmental Follow-up Date:	Funding and Resources Needed	Next Steps
Identify and construct bicycle/pedestrian connectors	Jeffrey L. Hays	6/23/2015	\$300,000 per year	Recommend moving this item to the Department for follow-up and reporting; bike/ped connectors are included within CIP; staff can consolidate identified connectors into bike/ped program and prioritize.
Analyze existing solar installations and present cost analysis for new solar installations at County facilities and Create renewable energy policy for new County construction <i>ADDED June 25, 2015</i>	Charlie R. Jackson	6/25/2015	Funds needed to install solar on the top ten candidates is approximately \$4.2M	Fund in the FY 2016 - 2020 CIP projects to install solar on County buildings. In 2016, provide funds in the CIP for rooftop installation on the State Attorney's Building (\$106,562), Administration Building (\$151,601), Facilities Office (\$83,300), associated architect and engineer (A&E) cost of approximately \$35,000 and one covered parking lot at the 515 N. Main Building. Recently completed the installation of solar on the rooftop of Alachua County's Fire Station #25 in Hawthorne, Florida. The County will receive a \$40,640 rebate from Florida Power and Light. Renewable energy projects are highlighted on the CIP projects list.
Capital Improvement Program energy management funds (reserve a percentage in the CIP) <i>ADDED June 25, 2015</i>	Charlie R. Jackson	6/25/2015	Varies by project and funding source.	Renewable energy integrated into CIP Financial Policy. Implement projects identified in the FY 2016 - 2020 CIP program. Percentages are highlighted as a separate column in the CIP projects list.
CIP energy and water conservation <i>ADDED June 25, 2015</i>	Charlie R. Jackson	6/25/2015	Varies by project and funding source.	Implement projects identified in the FY 2016 - 2020 CIP program. Energy and water related projects are highlighted on the CIP projects list. Energy and water integrated into CIP Financial Policy.

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Power-down plan for County buildings ADDED June 25, 2015	Charlie R. Jackson	6/25/2015	\$95,000	Audit the Public Works building for electrical outlets and consumption, survey the building occupants, design the project and implement it in FY 2016.
Weatherize County buildings ADDED June 25, 2015	Charlie R. Jackson	6/25/2015	Varies by project and funding source.	Implement projects identified in the FY 2016 - 2020 CIP program. Weatherization projects are highlighted on the CIP projects list.
Staff expertise in energy conservation ADDED June 25, 2015	Charlie R. Jackson	6/25/2015	\$3,000 is needed to continue training staff to operate modern day building management systems (BMS)	Weatherization integrated into CIP Financial Policy. Facilities staff participated in a professional development forum titled "Impacting the Bottom Line". Facilities staff presented the 10-year Jail Improvement Plan focusing on energy reduction at the County Jail. Staff also participated in a host of webinar sessions on making improvements to building envelopes, water reduction, trends in energy management, and water conservation initiatives. Training staff to effectively operate BMS would enable them to program and schedule mechanical system to save energy use.
Investigate using treated wastewater ADDED June 25, 2015	Charlie R. Jackson	6/25/2015	To be determined	In consultation with EPD, Facilities recommends that treated wastewater only be used in limited industrial applications such as in chillers for HVAC. Irrigation, which is currently the most common community use, is not recommended for County facilities.

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Category: Energy Initiatives

Initiative Title	Assigned To:	Departmental Follow-up Date:	Funding and Resources Needed	Next Steps
Implementation of low/zero maintenance landscaping at County buildings <i>Added July 14, 2015</i>	Charlie R. Jackson	7/14/2015	Funding has been approved for replacing grass at County facilities.	Monitor newly planted grasses to ensure their establishment, and report back to the Board on July 14 regarding progress to date. This item's report date coincides with County's public hearing on a Landscape Irrigation Efficiency Code.
Allow solar energy and water conservation	Chris Dawson	10/13/2015	\$0 - Amended Land Development Regulations (LDRs)	Recommend moving this item to the Department for follow-up and reporting. Clotheslines may not be regulated by the County per Florida Statute (F.S.) 163.04(1). Xeriscaping is addressed in Sections 407.41(f) & 407.43(g) of the Unified Land Development Code (ULDC).
Enhance shading for new construction	Chris Dawson	10/13/2015	\$0 - Amended LDRs	Recommend moving this item to the Department for follow-up and reporting. ULDC amended to address shading of buildings in Section 407.41; street trees & 50% shading of parking areas in Sections 407.43.1 & 407.68.
Reduce cost and pollution generated by right of way mowing	David Cerlanek	6/23/2015	No funding anticipated beyond current allocation	Request moving this item to the Department for follow-up and reporting.
Design standards to optimize passive solar	Holly Banner	6/23/2015	\$0 - Amended LDRs	Recommend moving this item to the Department for follow-up and reporting. Comprehensive Plan Energy Element & ULDC amended for energy efficiency & building design/orientation.
Enhance open space in rural clustered subdivisions	Holly Banner	6/23/2015	\$0 - Amended Comp Plan/LDRs	Recommend moving this item to the Department for follow-up and reporting. Comprehensive Plan Future Land Use Policy 6.2.12 & ULDC Section 407.77(b) 1 amended to encourage rural clustered subdivisions to provide community open space and community renewable energy systems as allowed activities within required or provided open space areas. Staff can monitor and report open space design in rural cluster

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Establish Comprehensive Plan goals for vehicle miles traveled (VMT)	Jeffrey L. Hays	6/23/2015	\$0 - Established in departmental work plan	subdivisions. Recommend moving this item to the Department for follow-up and reporting and removal from assignments. Analysis as part of the annual CIE update as required by Transportation Mobility Element Policy 1.1.6.1.
Category: Energy Initiatives				
Enhance minimum bicycle/pedestrian design standards	Jeffrey L. Hays	6/23/2015	\$0 - Established in departmental work plan	Recommend moving this item to the Department for follow-up and reporting and removal from assignments. ULDC Section 407.68 amended to provide enhanced standards; as part of ongoing operations, staff will evaluate for effectiveness.
Conceptual plan for light rail	Jeffrey L. Hays	6/23/2015	\$0 - Component of departmental work plan	Recommend moving this item to the Department for follow-up and reporting and removal from assignments. Staff participated in RTS Alternatives Analysis & will monitor Federal and State rail opportunities and engage in regional discussions.
Optimum density and efficient land use	Ken Zeichner	6/23/2015	\$0 - Amended Comp Plan/LDRs	Recommend moving this item to the Department for follow-up and reporting and removal from assignments. Land use efficiency monitored through Comprehensive Plan evaluation process. ULDC Section 407.68 amended to allow Transit Oriented Development (TOD)/Traditional Neighborhood Development (TND) with mixed use & increased densities. Staff will continue to monitor and evaluate densities through development review process.

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<p>Evaluate opportunities to expand County teleconferencing capability and practice.</p>	<p>Kevin Smith</p>	<p>6/23/2015</p>	<p>None</p>	<p>Telecommuting: Policy 10-01 – Telecommute Policy identifies the qualifications for telecommuting and includes a telecommute program checklist. The policy also includes an agreement and telecommuting guide for managers and employees. The next step would be to reach out to all departments to determine the number of employees telecommuting. Teleconferencing: In addition to the GotoMeeting or Webex tools, ITS currently has an on-site system that supports up to 69 audio call-in ports and a little over 15 web desktop/application sharing ports. The next step would be to follow-up with the departments to determine if the teleconferencing tools are being used.</p>
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Initiative Title	Assigned To:	Departmental Follow-up Date:	Funding and Resources Needed	Next Steps
Outline a program utilizing food vouchers for eligible low-income county residents, redeemable only at county farmers markets.	Sean H. McLendon	10/13/2015	None	Local food groups have successfully taken the lead in addressing this initiative. Invite local food groups to report back to the Board on their progress. Targeting an October 2015 presentation.
Request that each County department survey its own workforce for recommendations on how energy and water can be conserved in their own workplaces.	Sean H. McLendon	6/23/2015	\$0 - Any resources needed will be provided from the Sustainability Budget.	By August 2015, the Sustainability Council will review the past efforts of the Conservation Champs and formulate a new round of departmental survey responses. Findings will be made available to Facilities and the Manager on an ongoing basis. Recommend moving this item to the Department for follow-up and reporting and removal from list.
Work with communications staff to develop Public Service Announcements (PSAs) for Channel 12 and other county media that encourage recycling, energy, and water conservation.	Sean H. McLendon	6/23/2015	\$0 - Dependent on Departmental initiatives.	Continue to produce PSAs for energy, water, waste, and CIP related issues for Channel 12. All PSAs are archived on the County's website. Recommend moving this item to the Department for follow-up and reporting and removal from list.
Energy conservation in SHIP Program	Steve Lachnicht	10/13/2015	\$0 - Established as program fundamental	Recommend moving this item to the Department for follow-up and reporting and removal from list. Alachua County SHIP Local Housing Assistance Plan revised to include energy efficiency and conservation measures as eligible expenditures.

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Category: Waste Initiatives

Initiative Title	Assigned To:	Departmental Follow-up Date:	Funding and Resources Needed	Next Steps
Develop initiatives to reduce yard waste collection Added July 14, 2015	Sally C. Palmi	7/14/2015	TBD - may have sufficient funding in current budget.	Email report on pros and cons sent to the Board 5/12/15. Full presentation on yard waste collection and future organics activities will go to the Board in August.
Evaluate the potential for the use of community service workers on energy conservation projects.	Joe Lipsey	6/23/2015	Funding budgeted	Community service workers have been engaged in a variety of energy conservation, natural resource, and waste-based sustainability initiatives since 2010. Recommend moving this item to the Department for follow-up and reporting and removal from list.
Diversion of construction and demolition (C&D) from Waste Stream	Sally C. Palmi	6/23/2015	\$0	Recommend closure of this task assignment due to Section 403.707(9) (g), of the Florida Statutes. Additionally, private C&D haulers have a monetary incentive to recycle untreated lumber for biomass fuel, rather than managing these materials through disposal.
County employee empowerment to recycle	Sally C. Palmi	6/23/2015	\$0	Recommend closure of this task. Recycling containers are located next to public garbage containers in County facilities.
Drawbacks of bulk recycling efforts at apartment complexes	Sally C. Palmi	6/23/2015	\$0	Staff recommends closure of this task based on a report compiled by staff which shows no energy savings based on increased contamination in dumpsters requiring additional sorting of recyclables at Materials Recovery Facility.

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Category: Water Initiatives

Initiative Title	Assigned To:	Departmental Follow-up Date:	Funding and Resources Needed	Next Steps
Landscape irrigation efficiency code <i>Added July 14, 2015</i>	Gus Olmos	7/14/2015	Funding Request for FY16	Request to advertise on 6/9/15; Anticipated Completion Date: 6/23/15; Public Hearing on 7/14/15.
Landscape irrigation public education <i>Added July 14, 2015</i>	Gus Olmos	7/14/2015	Funded through FY17	Stakeholder Input 5/18 (Builders Association), 6/3 (Green Building Council), 6/24 (Landscaping Practices Resource Group). Anticipated Completion Date: Integrated into operations October 2015.
Eliminate County purchase of bottled water	Larry M. Sapp	6/23/2015	None	Verify that bottled water is not purchased for employees except in only strictly limited situations for the health and safety of employees without access to potable water in their facilities.