

**Capital Improvement Plan
Fiscal Year 2014-2015 through 2018-2019
Project Description**

I. Requesting Department: Planning and Development

II. Project Title: Low level lighting along NC12 multi-use path.

III. Project Description:

This project will provide solar powered, bollard style lights along a select section of path. We are proposing a demonstration area of 300 yards in order to evaluate the lighting and the demand before determining future CIP requests

IV. Project Justification: (What need is being met, how does this project address the need?)

This project will improve safety and lighting visibility along the NC12 path. This item originally was discussed at the August 1, 2012 Board of Commissioners Meeting as a recommendation to improve bicycle and pedestrian safety along the Beach Road corridor.

V. What Board Goals Does This Project Meet?

- Clean/Green Environment
- Livable Neighborhoods
- Family Friendly
- Choose an item.
- Choose an item.
- Choose an item.

VI. Project Location: (Attach a map if applicable)

VII. Department Priority: (Choose One) Does the requested project:

- | | | |
|--|---|--|
| a. Correct an unsatisfactory level of service? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| b. Maintain a current level of service? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| c. Increase a level of service? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| d. Represent a "vision"? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |

VIII. Departmental Rank: (Prioritize your request in relation to other departmental project request)

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IX. Project Alternatives: More extensive and more expensive options are available through Dominion Power.

X. Project Dependency: NCDOT Encroachment Agreement will be required for this work as lights will be within NCDOT right-of-way along a designated section of the path.

XI. Negative Impacts: As a demonstration project, only a small area will be served.

XII. Other Considerations:

XIII. Additional Funding Sources:

Are there grants or additional funds which might be used in conjunction with the CIP to fund this project:

Yes No If YES, describe: [Click here to enter text.](#)

**CAPITAL IMPROVEMENT PROGRAM
ITEM/PROJECT DESCRIPTION FORM**

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XIV. ESTIMATED COSTS

a. Capital/ One Time Costs	Description of Capital/One Time Costs	Cost (Round to Nearest \$)
	2 x 450' of pathway lighting, including 4 solar panels, 30 Led lights at 15' apart, mounting and installation	\$ 45,000
		Click here to enter text. Click here to enter text.
	TOTAL Capital (One Time Costs)	\$ 45,000
b. Continuing Annual Operating Costs	Description of Continuing Annual Operating Costs	
	There would be little to no maintenance costs unless a light or post was damaged by an event (traffic accident, hurricane)	\$ 100
	Click here to enter text.	
	Click here to enter text.	
	Click here to enter text.	
	TOTAL Continuing Annual Operating Costs	\$ 100

**XV. Fiscal Year Requested:
FY 2014-2015**

Priority Recommendation: (By CIP Committee)