

**Capital Improvement Plan
Fiscal Year 2013-2014 through 2017-2018
Project Description**

I. Requesting Department: Water Distribution

II. Project Title: Installation of Five Fire Hydrants on Wellfield Road Waterline

III. Project Description:

Install five new fire hydrants along the 4,700 foot, 12-inch diameter, Wellfield Road Waterline. Hydrants will be installed approximately every 940 feet along the existing waterline.

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

The 12-inch waterline along Wellfield Road connects Barnes Street/Health Center Drive with the 500,000-gallon Eighth Street elevated water tower. This line runs along the west side of Nags Head Pond, NH Acres, and Vista Colony. To provide increased fire protection to these neighborhoods, as well as along the eastern edge of the Nags Head Woods, this project will install five new fire hydrants which will provide additional access points for fire suppression.

V. What Board Goals Does This Project Meet?

- Supportive Infrastructure
- Family Friendly
- Livable Neighborhoods
- Choose an item.
- Choose an item.
- Choose an item.

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

Along Wellfield Road from the Eighth Street elevated water tower to Health Center Drive. (See attached map.)

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 type="checkbox"/> | No <input checked="" type="checkbox"/> |

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

2 of 7

IX. Project Alternatives:

None noted

X. Project Dependency:

N/A

XI. Negative Impacts:

None

XII. Other Considerations:

Project is requested by Water Distribution and the Fire and Rescue Department.

XIII. Additional Funding Sources:

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

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

- 2 -

Yes

No

If YES, describe: [Click here to enter text.](#)

XIV. ESTIMATED COSTS

**a. Capital/
One Time Costs**

Description of Capital/One Time Costs

**Cost
(Round to Nearest \$)**

5 Fire Hydrants and associated appurtenances

\$

13,950

[Click here to
enter text.](#)

[Click here to
enter text.](#)

TOTAL Capital (One Time Costs) \$

13,950

**b. Continuing Annual
Operating Costs**

Description of Continuing Annual Operating Costs

[Click here to enter text.](#)

\$

[Click here to
enter text.](#)

[Click here to enter text.](#)

[Click here to enter text.](#)

[Click here to enter text.](#)

TOTAL Continuing Annual Operating Costs \$

[Click here to
enter text.](#)

XV. Fiscal Year Requested:

FY 2013-2014

Priority Recommendation: (By CIP Committee)



1 in. = 500.0 feet



- △ nhcl
- ▭ parcels



Wellfield Road Waterline Hydrants

 - Wellfield Road Waterline