

REQUEST FOR BOARD ACTION

HENDERSON COUNTY PLANNING BOARD

MEETING DATE: February 6, 2006

SUBJECT: Water Line Extension

ATTACHMENTS: Solomon's Cove –Project Summary and Review Sheet

SUMMARY OF REQUEST:

The City of Hendersonville has requested County comments on a proposed water line extension project to serve the Solomon's Cove development.

A City of Hendersonville Project Summary sheet and a County review sheet with staff comments are attached for Board review and action.

COUNTY MANAGER'S COMMENTS:

County Manager recommends approval of the water line extension and directs staff to convey the County's comments upon Board approval.

**City of Hendersonville - Project Summary
Water Line Extension
Solomon's Cove**

Date: November 14, 2005

This is a project to extend existing water lines to provide water service to a proposed residential development consisting of thirty five (35) lots. This project is located on Howard Gap Road, just south of Upward Road.

This project is under the reviewing jurisdiction of: **Henderson County.**

This project requires approximately **8,525** linear feet of water line sized as following:

Description:	Approximate Length
12" DIP CL350	1900"
8" DIP CL350	3200"
6" CL350	3425"

Fire Protection will be provided by the installation of eight (8) fire hydrants.
(3 hydrants on the 6" / 2 hydrants on the 12" / 3 hydrants on the 8")

The entire cost of the proposed water line extension is to be paid for by Jeff Suttles, Owner/Developer.

Water pressure and flow in this area is as follows:

Static Pressure:	60 PSI	
Residual:	28 PSI	Hydrant: 07-1096
Flow:	700 GPM	

Based on the above information, the Water & Sewer department is capable of supporting the additional connections and recommends approval of the project contingent upon approval of the final plans and specifications from the Water & Sewer Department.

A motion is needed to approve and accept this project. Suggest wording is as follows:

I move to accept this water line extension project and to authorize the City manager to execute the water line extension agreement on behalf of the City.

Water & Sewer Department:	<input type="checkbox"/> Approved	<input type="checkbox"/> Disapproved	Date: _____
Hendersonville City Council:	<input type="checkbox"/> Approved	<input type="checkbox"/> Disapproved	Date: _____

The undersigned represents this utility extension line request has been evaluated in light of the adopted land use plan for the municipality or Henderson County. In the absence of such a plan for the general area to be served, this extension has been evaluated in terms of its future impact on existing land uses.

Reviewing Jurisdiction: Henderson County

Signing Official: _____

Date of Review: _____

☐ Approved ☐ Disapproved

Narrative Comments Provided: ☐ Yes ☐ No

**HENDERSON COUNTY
REVIEW OF CITY WATER LINE EXTENSIONS**

Project Name: Solomon's Cove
Size of Water Line (Main & Distribution Pipe Size): Approximately 8,525 LF - 12" DIP CL 350 (1900"); 8" DIP CL350 (3200") and 6" CL350 (3425")
County Staff Reviewing Extension: Rocky Hyder, Emergency Management Director; Matt Card, Subdivision Administrator; and Autumn Radcliff, Planner & Interim Project Manager

Has the project been reviewed under the **County Subdivision Ordinance**? ☒ Yes ☐ No ☐ N/A
Date reviewed: Master Plan Approved on 11/15/05
Action: Approved with no conditions; Development Plan has not been approved.
Conditions: _____
Comments: _____

Has the project been reviewed under the **County Manufactured Park Ordinance**? ☐ Yes ☐ No ☒ N/A
Date reviewed: _____
Action: _____
Conditions: _____
Comments: _____

Has the project been reviewed under the **County Zoning Ordinance (i.e. Special-Use or Conditional-Use Permit)**? ☐ Yes ☐ No ☒ N/A
Date reviewed: _____
Action: _____
Conditions: _____
Comments: _____

Is the project subject to **any other County Land Use Ordinance**? ☐ Yes ☒ No ☐ N/A
If yes, explain: _____

Does the project conform with the **2020 Henderson County Comprehensive Plan (CCP)**? ☒ Yes ☐ No ☐ N/A
If no, explain: _____

Does the project have **adequate hydrant location and spacing**? ☒ Yes ☐ No ☐ N/A
Description of **hydrant type and thread**: Mueller Centurion – National Standard Thread
Does the estimated flow rate (gpm) meet **fire protection standards**? Meets fire protection standards for structure spacing of 31 feet or more. ☒ Yes ☐ No ☐ N/A

BOARD OF COMMISSIONERS APPROVAL

- ☐ Approved
☐ Not Approved
☐ Conditional Approval (See Comments)

Date of Board Review: _____
Comments: _____