

REQUEST FOR BOARD ACTION

**HENDERSON COUNTY
BOARD OF COMMISSIONERS**

MEETING DATE: June 27, 2006

SUBJECT: Sewer Line Extension

ATTACHMENTS: Eagle Pointe

Project Summary
Engineer's Report
County's Review Sheet

SUMMARY OF REQUEST:

The City of Hendersonville has requested County comments on a proposed sewer line extension project to serve Eagle Pointe.

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

COUNTY MANAGER'S COMMENTS:

Recommend that the Board take action to support the referenced sewer line extension.

City of Hendersonville - Project Summary
Sewer Line Extension
Eagle Pointe

Date: March 7, 2006

This is a project to extend existing sewer lines to provide sewer service to a proposed single-family residential development consisting of 52 lots. This project is located on the east side of Airport Road and adjacent to Blue Ridge Community College to the Southeast.

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

This project requires approximately **2,929** linear feet of sewer line sized as following:

| Description: | Approximate Length |
|---------------|--------------------|
| 3" DIP CL 350 | 1276 lf Force Main |
| 8" PVC | 1653 lf |

Pump station required: yes No

The amount of wastewater generated by this project will be approximately **20,800** gallons per day.

The entire cost of the proposed sewer line extension is to be paid for by Eagle Rock Properties, Inc of Etowah, NC.

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 sewer line extension project and to authorize the City manager to execute the sewer line extension agreement on behalf of the City.

| | |
|---|------------------|
| Water & Sewer Department: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved | Date: 06-08-2006 |
| 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

Laughter, Austin and Associates, P.A.
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PROJECT NARRATIVE

Project : **SANITARY SEWER IMPROVEMENTS**
to serve
EAGLE POINTE SUBDIVISION

Project Number: **LAA05-331**

Owner/Developer: **Eagle Rock Properties, Inc.**

Address: 6750 Brevard Road, Joshua Park, Suite A
Etowah, North Carolina 28729

Telephone: (828) 890-8455
James Black, Partner
R. Norman Stoehr, President

2.7.06

Description:

This proposed sanitary sewer extension project is being planned to serve the Eagle Pointe Subdivision. Eagle Pointe is a proposed single-family residential subdivision containing 52 lots situated on the East side of Airport Road NCSR1779 and adjacent to Blue Ridge Community College to the Southeast. This project will produce an estimated sewage flow of 400 gallons per connection which will generate a total flow of 20,800 gallons per day. This extension will provide residential sewerage disposal as detailed in the plans for the project. The nearest source for discharge is located off-site along College Drive.

The improvements will consist of the following: A proposed connection to the City of Hendersonville's distribution system shall be made at an existing manhole on College Drive (SR1920) in the vicinity of an existing fire hydrant on the opposite side of the street from the fire hydrant. The proposed sanitary sewer line extension shall extend from the point of connection along the south side of College Drive with approximately 820 feet of 3" ANSI/AWWA C151 A21.5 CL350 DIP where it will be bored and jacked under College Drive and extend Northward approximately 456 feet across private property owned by Blue Ridge Technical College Foundation Inc. to the Southwest border of Eagle Pointe Subdivision at a proposed sanitary sewer

PROJECT NARRATIVE, continued

City of Hendersonville
Sanitary Sewer Extension to serve
EAGLE POINTE SUBDIVISION
located on Airport Road

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February 28, 2006
LAA Job No. 05-331

See updated plans.

pump station. The proposed pump station shall be a duplex installation with two Hydromatic HPGF300, 3 HP, 230V, 1 PH, 60 HZ, 1750 RPM submersible grinder pumps with a 2" discharge. The pump station and all appurtenances shall be installed in accordance with the State of North Carolina, the City of Hendersonville and the manufacturer's specifications and requirements. From this point, a network of 8 inch PVC sanitary sewer pipes, totaling approximately 2,734 feet, with 24 manholes will be extended into the proposed residential development. This sanitary sewer extension and all appurtenances necessary to provide adequate sewerage distribution and disposal shall be installed.

In General;

The installation of this Sanitary Sewer System Extension is expected to begin shortly after all approvals and permits have been issued and "authorization to start" has been given by the City of Hendersonville Water & Sewer Department and the Project Engineer. The utility contractor for this project will be determined at a later date and the City Water and Sewer Department will be notified.

These sanitary sewer system improvements shall be installed in accordance with all local and state regulations by a N.C. licensed utility contractor to be selected by the Owner/Developer and approved by the Project Engineer and the Water and Sewer Department.

Laughter, Austin and Associates, P.A. (Consulting Engineers) shall provide installation monitoring services during the construction and installation process. The Engineer will provide completion certification when the job is completed as required by the City of Hendersonville Water and Sewer Department.

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

Project Name: Eagle Pointe
 Size of Sewer Line: 3" DIP CL 350 – 1276 lf. Force Main; 8" PVC 1653 lf.
 County Staff Reviewing Extension: Gary Tweed, County Engineer; Matt Card, Subdivision Admin.; Rodney Tucker, Project Manager

Has the project been reviewed under the **County Subdivision Ordinance**? Yes No N/A

Date reviewed: January 17, 2006
 Action: Approved with conditions
 Conditions: Final plat requirements, road standard conditions, water and sewer approvals and development plan revisions.
 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

This sewer line extension project is consistent with CCP's Urban Area use and proposed activity.

County Engineer's comments: This sewer project will be an extension of the City of Hendersonville system. I have no comments.

BOARD OF COMMISSIONERS APPROVAL

- Approved
 - Not Approved
 - Conditional Approval (See Comments)
- Date of Board Review: _____
 Comments: _____