

Benner Township Supervisors

March 19, 2007

The regularly scheduled meeting of the Benner Township Board of Supervisors was called to order at 7:30 p.m. by the Chairman, David Breon with members James Swartzell and John Elnitski, Jr. present. Also in attendance were Dave O'Connell, Leo Hseish, Chuck Thompson, Tom Smith, Doug Weikel and Renee Swancer.

PERSONS TO ADDRESS THE BOARD

Chuck Thompson/Tom Smith RE: Bellefonte Borough Act 537 Special Study:

Mr. Thompson and Mr. Smith gave the Board an overview of the Act 537 Study and proposed work that is to be done. A letter from Nittany Engineering & Associates dated March 16, 2007 which details this project further has been made as "Exhibit A" to these minutes. Mr. Thompson noted that they hope to begin this project in June and complete it by October.

Polymics Surety Agreement: It was noted that surety agreements are expected any day showing the correct surety expiration date expiring one year from today's date. Mr. Swartzell moved to conditionally approve the surety agreement once the revised document is received and then sign the final plans. Mr. Elnitski seconded the motion.

Vote: Mr. Elnitski - yes Mr. Swartzell - yes Mr. Breon - yes

MINUTES

The minutes of March 5, 2007, were presented to the Board for their review and comments. Mr. Elnitski moved to approve the minutes as presented. Mr. Swartzell seconded the motion.

Vote: Mr. Elnitski - yes Mr. Swartzell - yes Mr. Breon - yes

BILLS

The bills of March 19, 2007, were presented to the Board for their review and approval. Mr. Elnitski moved to approve the bills as presented. Mr. Swartzell seconded the motion.

Vote: Mr. Elnitski - yes Mr. Swartzell - yes Mr. Breon - yes

ENGINEER'S REPORT

Mr. Weikel was present to go over the various items that he has been reviewing on the Board's behalf.

ZONING OFFICER'S REPORT

Mrs. Swancer noted that the Planning Commission is continuing their review on the draft zoning ordinance. The Board noted that they want establishments being permitted to sell alcohol included in the zoning charts in the Highway and Regional Commercial Districts.

OLD BUSINESS

Spring Township Agreement/Boundary Change: This item continues to be tabled.

Patton Township/Benner Township Boundary: This item continues to be tabled.

Comcast Franchise Fee Agreement Renewal: Negotiation team has been established.

Nittany Valley Joint Planning Commission: Nothing new.

Canyon Property Transfer: It was noted that a phone conference will be scheduled with DCNR to go over grant paperwork in the next several weeks. The Board acknowledged receipt of the letters from the Bald Eagle Archaeological Society and the Centre County Historical Society.

Township Building Repairs: This item is tabled.

Job Descriptions Recreation Manager/Grant Writer: Mr. Swartzell noted that he is working on a draft letter to companies that do grant writing seeking information from them.

Gerald Clair Driveway: Tabled.

EDA - CDICC Grant Application/MOU: It was noted that a memorandum of understanding has been drafted which holds the Township harmless if CDICC does not follow through with the requirements of the EDA grant. Mr.

Elnitski moved to approve the memorandum of understanding and sign off on the EDA grant applications. Mr. Swartzell seconded the motion.

Vote: Mr. Elnitski - yes Mr. Swartzell - yes Mr. Breon - yes

NEW BUSINESS

Benner Chiropractic Surety Extension: Mr. Elnitski moved to approve the Benner Chiropractic Surety agreement for the period of another year. Mr. Swartzell seconded the motion.

Vote: Mr. Elnitski - yes Mr. Swartzell - yes Mr. Breon - yes

Richard Grazzini Memorandum of Understanding: The memorandum of understanding for the Richard Grazzini Land Development Plan was presented to the Board for their review and approval. Mr. Elnitski moved to approve the MOU. Mr. Breon seconded the motion.

Vote: Mr. Elnitski - yes Mr. Swartzell - yes Mr. Breon - yes

CORRESPONDENCE

The Board acknowledged receipt of the following correspondence:

1. Bellefonte Borough Response letter on Spring Creek Interceptor Act 537 Special Study comments
2. Spring Benner Walker Joint Authority Minutes 2/26/07
3. Centre County Planning Commission Correspondence
 - a. Final Plan of Cleveland Brothers Central Parts and Distribution Facility Land Development
 1. Letter from Spring Township Re: Cleveland Brothers Driveway
 - b. James & Cynthia Quici Subdivision
 - c. Terry & Michele Stem Minor Land Development Proposal
 - d. Final Plan of Eagle Point Subdivision Phase 3
4. Letter from County Commissioners - No Award for County Aid this year
5. Letter from Walker Township stating commitment to YMCA
6. SBWJA Resolution Re: future EDU allocations

ADJOURNMENT

The meeting was adjourned the time being 8:50 p.m.

Sharon Royer, Sec.



"Exhibit A"

NITTANY ENGINEERING & ASSOCIATES, LLC

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2836 Earlstown Road
Centre Hall, Pennsylvania 16828

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nea@nittanyengineering.com

Certified/Return Receipt: 7006 0810 0001 0876 7517

March 16, 2007

Benner Township Supervisors
1224 Buffalo Run Road
Bellefonte PA 16823

Reference: Bellefonte Borough Act 537 Special Study – Response to Comments

Dear Supervisors:

This letter is in response to your comments on the Act 537 Special Study for the new Spring Creek Relief Interceptor.

1. Bellefonte Borough appreciates Benner Township's support on this issue. The proposed sewage interceptor project is essential in providing future growth in Spring and Benner Townships. At this time, the existing interceptor is overloaded and the situation could prevent additional approvals from DEP on sewage planning modules.
2. A response letter is also being sent to Spring-Benner-Walker Joint Authority (SBWJA) in regards to their comment letter.
3. NEA has evaluated the existing interceptor pipe system through Bellefonte and proposed sanitary piping to enable substantial growth in the SBWJA service areas. In addition, the revised study has considered both SBWJA Chapter 94 (5 year) flows and incorporated sanitary planning information from the Nittany Valley Regional Comprehensive Plan.

The proposed sanitary pipe project should be evaluated as two new distinct sections (refer to the attached plan) on the basis of sewage service areas. Based on the current Spring Creek Interceptor layout, there are approximately eight large sewer mains that enter from different areas of the Bellefonte and SBWJA Authority systems in this corridor.

Upper Section of the Spring Creek Relief Interceptor

The Upper Section (from Ex MH-103 near Tallyrand Park to Ex MH-222J behind Tussey Mountain Outfitters), constructed of 18" pipe, will serve the Benner and Spring Township areas. The main sewage flows entering the upper portion of the Spring Creek Relief Interceptor are the Logan Branch, Spring Creek, Rockview mains and local Bellefonte mains. Some of the significant service areas entering the system through this section include the Benner Pike corridor (SR 150), Axemann corridor (SR 144), Pleasant Gap, and Rockview Prison.

The proposed plan includes diverting flows from the Logan Branch, Spring Creek, and Rockview mains and Bellefonte flows (above EX-MH-103) to the new Upper Section of the Spring Creek relief interceptor. As calculated in the revised Act 537 Special Study, the proposed 18" line has a capacity of approximately 3.7 MGD. Based on the current flow information, the diverted peak flows reach 2.07 MGD, and average flow is 1.07 MGD. This leaves approximately 1.6 MGD available for future expansion in Spring and Benner Townships for this new section of sewage main.

Lower Section of the Spring Creek Relief Interceptor

The Lower Section (from Ex MH-222J to the treatment plant) of 24/27" pipe will serve Benner, Walker, and Spring Township areas, and the Upper Sections (both the existing interceptor and proposed interceptor sections). The main sewage flows entering the system are from Buffalo Run, Armor Gap and local Bellefonte mains. Some of the significant service areas entering the system through this section include the Buffalo Run corridor (SR 550), Zion Road corridor (SR550), and Nittany Valley Drive corridor (SR 64).

A 24" main from MH-222J to MH-7 and a 27" main from MH-7 to the treatment plant at 0.25% slope are proposed for the Lower Section of the interceptor project. As calculated in the revised Act 537 Special Study, these pipe sizes and minimum slope equate to a conveyance capacity of at least 8.0 MGD. The 2005 Chapter 94 recorded peak flow to the treatment plant was 4.99 MGD. The 24"/27" pipe "Lower Section" will provide an additional peak capacity of 3.01 MGD to allow for continued growth and development in Spring, Benner, and Walker Townships.

Chapter 94 Information

SBWJA is responsible for providing Bellefonte Borough with projected connections and flows for the Chapter 94 Wasteload Management Report. At this time, there appears to be a difference between the information supplied by SBWJA in the Chapter 94 report for future flows and the actual applications for sewage service received by Bellefonte Borough. Regardless, NEA's proposed design is providing sewage pipe capacity for the 5 year flows and potential long range growth 20 year flows in the adjoining townships.

Nittany Valley Regional Comprehensive Plan (NVRCP)

Potential Flow From Failing Systems

The Nittany Valley Regional Comprehensive Plan (NVRCP) predicts constant growth as collected from each municipality's Act 537 Plan. The NVRCP projects 145 residential connections to remove malfunctioning on-lot systems in Benner Township. This flow equates to approximately 36,250 gpd, assuming 250 gpd/EDU.

Potential Flow From Future Growth

The NVRCP predicts a total of 1631 new EDUs by 2020 in Spring, Benner, and Walker Townships. **It is important to note that a significant portion of this development is from Walker Township. The sewage flow from Walker Township will be conveyed to the BSTP through the Armor Gap interceptor and into the "Lower Section" which has an increased flow capacity of 3.1 MGD. This flow does not go through the "Upper 18-inch Section" which has less capacity. In addition, the Buffalo Run Corridor does not enter the Upper Section of the proposed relief interceptor.**

As demonstrated with the new relief interceptor calculations, the upper portion will be capable of serving over 1,900 additional EDUs at peak flows by itself (approx. 1.2 MGD of additional capacity based on the upper flow restriction of 3.14 MGD between MH-105 and MH-106). This capacity of the relief interceptor is significantly greater than the identified development described in the NVRCP for the Upper Section.

Please note that the actual number of EDU flows coming into the entire SBWJA system has not grown dramatically each year. Based on the Chapter 94 report, the actual new flows for 2005 were 167 EDU's, and 127 EDU's for 2004. Currently, SBWJA is projecting 150 EDU's for the next five years based on continued sale of development units.

However, there has been an increased amount of prior planning module approval requests based on potential speculative development. With that said, there is a large amount of existing planned EDU requests in place at this time.

4. It is NEA's understanding that the Rockview Business Park will provide approximately 36,000 gallons per day (gpd) to the collection system per PennTERRA's sewage estimates. Based on the capacity of the system in Bellefonte Borough to MH-103 and the design of the relief interceptor, the Route 144 & Benner Pike corridors can grow by at least 1.2 million gallons per day (mgd). 1.2 mgd is equivalent to approximately 1,923 EDUs at a peak flow of 625 gpd.
5. Bellefonte Borough is accepting full financial responsibility of the project until negotiations with SBWJA can be finalized. It is not Bellefonte Borough's responsibility to calculate costs on behalf of SBWJA. Bellefonte Borough defers to SBWJA in regards to future financial impacts on its constituents. Please contact Mr. Warren Miller of SBWJA for information on projected user rates for Benner Township for this relief interceptor project.

Bellefonte Borough is looking at several different options for financing the remaining portion of the project. These options include a bond issue, a PENNVEST loan, local financing, and a Pennsylvania Rural Water Association (PRWA) loan. For estimating purposes, \$465,000 at 4.5% for 20 years was used to calculate the additional loan payment. The projected increase in Bellefonte customers' rates is \$2 to \$5 for the interceptor project.

6. Please find the Pennsylvania Historical & Museum Commission's (PHMC) response to the proposed project. It is our understanding that no further archeological study is required. However, the DEP is requiring Bellefonte Borough to resubmit the Cultural Resource Notice to PHMC and identify the funding source as federal to be eligible for PennVEST funding. If Bellefonte Borough chooses not to pursue PennVEST funding, the Cultural Resource Notice correspondence stands as included and no further investigation is necessary.

Please note that the revised Act 537 Special Study is in draft form and will be distributed to the Townships once finalized. NEA will provide a draft copy of the Special Study at the Township meeting on Monday, March 19, 2007.

Should you have any questions or would like to discuss this matter in greater detail, please feel free to contact me.

Sincerely,



Chuck Thompson, PE
Project Manager

cthompson@nittanyengineering.com

JCT/klw

Enclosures: Proposed Spring Creek Sewage Flow Analysis and Conceptual Layout Plan
PHMC Response Letter

cc: Bellefonte Borough
Curt White, DEP
Spring Township Supervisors
Walker Township Supervisors
Nittany Valley Regional Planning Commission
SBWJA
NEA File No. 06-071-4



Commonwealth of Pennsylvania
Pennsylvania Historical and Museum Commission
Bureau for Historic Preservation
Commonwealth Keystone Building, 2nd Floor
400 North Street
Harrisburg, PA 17120-0093
www.phmc.state.pa.us

February 21, 2007

Chuck Thompson, P.E.
Nittany Engineering & Associates, LLC
Suite 1, 2836 Earlstown Road
Centre Hall, PA 16828

Re: File No. ER 2000-2375-027-F
COE 404 Water Quality Permit:
Bellefonte Sewage Wastewater
Collection System Improvements
Project, Bellefonte Borough, Centre
County

Dear Mr. Thompson:

The Bureau for Historic Preservation (the State Historic Preservation Office) has reviewed the above named project in accordance with Section 106 of the National Historic Preservation Act of 1966, as amended in 1980 and 1992, and the regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation. These requirements include consideration of the project's potential effect upon both historic and archaeological resources.

Thank you for submitting the additional information for the above referenced project. Based on this supplemental information it is our opinion that no cultural resource surveys are necessary for this project. Your cooperation in dealing with this matter is appreciated.

If you need further information in this matter please consult Steve McDougal at (717) 772-0923.

Sincerely,

Douglas C. McLearn, Chief
Division of Archaeology &
Protection

Cc: COE, Baltimore District
DEP, Northcentral Regional Office

DCM/tmw

