



## **TOWNSHIP OF BERLIN**

ENGINEERING DEPARTMENT

135 Route 73 South  
West Berlin, NJ 08091  
Phone (856) 767-5052  
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### **ENGINEER'S AND DIRECTOR'S REPORT** **FOR THE** **COUNCIL MEETINGS OF MAY 9 AND 23, 2011** **MAY 3, 2011**

A. **CHANGE ORDERS AND VARIANCES**

None

B. **REQUESTED ORDINANCES AND RESOLUTIONS**

1. Ordinance Amending Ordinance No. 2010-6 to address the comments from the N.J. Pinelands Commission Staff to redesignate a portion of the Pinelands Rural Development Area to Pinelands Regional Growth Area.  
The Ordinance needs to be adopted and submitted, hopefully, by the beginning of June, 2011.

C. **ENGINEER'S REPORT**

1. **2011 STREET IMPROVEMENT PROGRAM**

a. **Edgewood Avenue – Borough Line to Cooper Road**  
**(N.J.D.O.T. FY 2011 Funding - \$200,000)**  
**(Project No. E-10-0012)**

The estimated construction and materials testing cost is \$296,000, which includes the construction of the remainder of the concrete curb. The construction stakeout, contract administration and inspection will be performed by Township staff.

I recommend that the Governing Body adopt the necessary ordinance to appropriate the funds for the project.

We have completed the fieldwork and will be commencing with the preparation of the construction plans and specifications in the immediate future.

I am hopeful that the project will be bid in the Summer of 2011.

b. **Mt. Vernon – Franklin Avenue to Minck Avenue (N.J.D.O.T. Funding – \$180,000)**

**(Project No. E-10-0002)**

We must perform the surveying work, perform the drafting and design and prepare the bid documents.

The estimated construction and materials testing cost is \$223,000. I recommend that the Governing Body adopt the necessary ordinance to appropriate the necessary funds for the project.

c. **Hill Avenue – Fairview Avenue to End**

**(C.D.B.G. Year 32 - \$30,257 and Year 33 - \$29,200 +/- Funding)**

The County CDBG Program has informed us that the U.S.H.U.D. has reduced the Year 33 CDBG funding by 12 percent.

The fieldwork has been completed and we are preparing the construction plans.

I will prepare a revised estimate for the increased scope of construction. I recommend that the Governing Body consider adopting the necessary ordinance to appropriate the funds for this project.

d. **Built-up Bituminous Aprons at 136 and 138 Veteran's Avenue**

This project is fully funded by the Township. I recommend that the ordinance appropriate the necessary funds for the project.

2. **POROUS CONCRETE SIDEWALK ALONG N.J.S.H. ROUTE 73 NORTHBOUND – JACKSON ROAD TO EDGEWOOD AVENUE (N.J.D.O.T. FY 2008 AND 2009 FUNDING - \$320,000) (PROJECT NO. E-10-0004)**

I have received the Consent to Enter from Stellato Brothers. We have not received the Consent from Ms. Liberta. I have contacted the Pinelands Commission staff to see if they will issue their approval without the Liberta consent.

The contractor has contacted me, questioning if they can commence with the construction. I am hopeful that the Pinelands staff will allow the construction to proceed.

I will be scheduling a second Pre-Construction Meeting in the immediate future and will provide an update to the Governing Body.

The construction stakeout, contract administration and inspections will be performed by Township staff.

3. **CAMDEN COUNTY OPEN SPACE, RECREATION ENHANCEMENT APPLICATIONS**

The applications for the following projects were submitted to the County Open Space Committee:

- a. Improvements to Basketball and Tennis Courts at the Spruce Avenue Park-crack sealing and color coating.  
Estimated construction cost is \$28,798

Maximum County Funding is \$25,000

- b. Band Shell at Luke Avenue Recreation Complex  
Estimated Materials/Construction Cost is \$56,100  
Current County Open Space Funding is \$25,000  
Requested (Maximum) County Funding is \$25,000

If funded, the Public Works Department will perform the construction of the band shell. The electrical work will be performed by a licensed electrician.

**4. HADDON AVENUE STREETScape, PHASE 1 AND 3  
(FEDERAL AND STATE AID - \$677,000)**

Key Engineers has informed me that they have requested a revised proposal, for the street lighting, from Atlantic City Electric. The Camden County Soil Conservation District has stated that their approval is still valid. We are still waiting for the approvals from reviewing agencies and approval of the Federal funding from the D.V.R.P.C.

**5. LESTER AVENUE STORM DRAINAGE AND STORMWATER  
MANAGEMENT SYSTEMS**

We must perform the surveying fieldwork and the design. Once completed, we must submit the construction plan to Public Service Electric and Gas Company for their review and hopeful granting of the drainage easement.

I had suggested, as an interim measure, storm drainage inlets be constructed at the low point on Lester Avenue and a portion of the pipe and an interim stormwater management basin be constructed on the Luke Avenue Recreation Complex. I will prepare cost estimates for the interim and final improvements for review and consideration by the Governing Body.

**6. DRAINAGE ISSUES WITHIN THE SOUTHWEST PORTION OF THE  
TOWNSHIP**

I had mentioned, last month, that the County Engineer was going to contact the Delaware Valley Regional Planning Commission to see if there is any type of assistance, which they may be able to offer.

**7. ENERGY SAVING IMPROVEMENTS AT THE PUBLIC WORKS BUILDINGS-  
N.J. ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT  
PROGRAM**

The installation has been completed by the State Contractor.

**8. BATE AVENUE (FORMER MUNICIPAL BUILDING AND PLAYGROUND)  
SITE**

We are performing the outbounds survey and expect to finish the work within the next few weeks.

I must also perform the preliminary site assessment.

**9. LIBRARY AND ADJACENT PLAYGROUND – POSSIBLE RE-DIVISION OF  
LAND**

No additional information to report.

## **10. N.J.D.E.P. ANNUAL STORMWATER REPORT**

I will be preparing and electronically filing the report, with the N.J.D.E.P., this month.

## **11. MUNICIPAL BUILDING**

### **a. Contract with MJJ Construction**

No matters to report

### **b. HVAC System**

I have met with a representative of Tozour-Trane, the system manufacturer. He will be submitting a proposal for annual maintenance and service contract, over and above the work which is being performed by the Township Custodian. Tozour-Trane will, also, be reviewing the Balancing report and the system design to see if there are any measures, which could be taken to further improve the efficiency of the system. Once they complete their evaluation, they will report to the Township.

### **c. Possible Separation of the Electronic Door Access and Surveillance Systems**

We have received proposals from a contractor. I have forwarded the “white papers”, addressing system security, to Chief Jackson for his review and comments. If the Chief is satisfied with the system security, I recommend that the Governing Body consider the proposal with the lesser cost for the work.

### **d. Landscaping and Irrigation System**

I must submit the requests to landscapers, landscape materials suppliers and irrigation contractors for their contribution of materials and services.

It is my understanding that an Eagle Scout may be performing the landscape design and some installation, as part of his Eagle Scout project.

### **e. Monument Sign Along Route 73**

We are preparing the quote documents and expect to receive quotes, in the immediate future. Once we receive the quotes, we will submit our recommendations for consideration by the Governing Body.

### **f. School Bell**

The school bell is being stored at the Public Works Complex. I believe that the intent is to construct an attractive base for placement in the Municipal Lobby.

## **12. REDESIGNATION OF PINELANDS ZONING AND EXTENSION OF SANITARY SEWER TO ALLIED PARKWAY AND EDGEWOOD AVENUE**

I must prepare the recommended changes to Ordinance No. 2010-6 to address the comments from The Pinelands Commission. I strongly recommend that the amending ordinance be introduced at the Council Meeting on May 9, 2011 and, if possible, adopted at the Council Meeting on May 23, 2011.

## **13. WAL\*MART EXPANSION**

I attended the meeting with the attorney and engineers for Wal\*Mart. I must review the documents, which they provided at the meeting, and issue a report.

I must, also, prepare a bond estimate for the proposed site improvements.

**14. N.J.D.E.P. DRAFT SEWER SERVICE AREA MAP**

The deadline for the submission of the request to remain within the sewer service area and the supporting documentation, must be submitted to the N.J.D.E.P. by May 5, 2011. I had submitted a letter to the N.J.D.E.P. noting our objection to the removal of specific parcels from the sewer service area. I did not provide the required supporting documentation as that is the responsibility of the individual property owners. I am hopeful that the N.J.D.E.P. representatives will schedule a meeting with us, before they take any formal action for the removal of parcels from the Sewer Service Area.

**15. TRAFFIC SIGNAL MAINTENANCE AND REPAIR PROGRAM**

I have prepared the specifications for the desired services for the year 2011. I have requested Mr. Platt's review and comments, before we solicit for quotes. As requested by the County Shared Services Department, I have submitted a copy of the specifications for their review and possible consideration for use, in a modified form, for the County sponsored program, which will be offered to interested municipalities.

**16. REQUEST FOR ADDITIONAL SANITARY SEWER ALLOCATION**

Paparone Housing has requested that the Governing Body allow the discharge of sanitary sewer from their Highpoint II single family development, in Voorhees Township, be permanent. We have noted that, due to the limited available allocation, the Township is not in the position to accept the flow unless additional allocation is permitted by the N.J.D.E.P. or the flow is not assessed against the Berlin Township allocation.

We have met with the representatives of the N.J.D.E.P., C.C.M.U.A., and Paparone Housing and are waiting for a response from the N.J.D.E.P. Once we receive the response from the N.J.D.E.P., I will inform the Governing Body.

**17. N.J.D.O.T. REPAIRS TO ROUTE 73, MILE POST 17.92 TO 21.34**

I have received a letter from R.E. Pierson Construction Company that they will be milling and resurfacing the highway on or about May 9, 2011, which includes portions of the highway in Winslow Township. The anticipated completion date is August 31, 2011.

**18. REQUEST FOR BOND RELEASE FOR MONTEBELLO RECREATION/CLUB HOUSE**

We will perform our inspection and submit the recommendation for consideration by the Governing Body, at the Council Meeting on May 9, 2011.

**D. PUBLIC WORKS DEPARTMENT****1. SPRING SEASON PREPARATION**

We have finished the last round of Spring leaf collection. We are currently cutting the grass for all Township parks and buildings. We are hopeful that we are back on schedule by May 6, 2011. We are also repairing damaged irrigation

systems. We will, periodically, sweep streets throughout the Spring, Summer and Fall seasons.

**2. N.J.D.E.P. SANITARY SEWER COMPLIANCE EVALUATION REPORT**

On March 9, 2011, the N.J.D.E.P. performed an inspection of the sanitary sewer system and the respective records. The inspector is requiring the improvements to the record keeping.

**3. N.J.D.E.P. DIESEL RETROFIT PROGRAM**

The N.J.D.E.P. is requiring the retrofitting of the remaining diesel engines for Public Works vehicles and equipment. The Township is required to submit an inventory/cost estimate to the N.J.D.E.P. by September 8, 2011.

There is no cost for the retrofit technology as it is covered by the N.J.D.E.P. I will be preparing the necessary documents with the assistance of the retrofit firm, Johnson and Towers.

**4. INSTALLATION OF STREET AND TRAFFIC SIGNS**

The street signs and speed warning signs have been installed at the desired locations. We will be fabricating No Dumping with penalty signs along Grove Avenue, near Minck Avenue and at the dead end of Cleveland Avenue.

**5. SHARED SERVICES**

No updates to report.

Please contact me if you have any questions or comments, regarding this report.

Very Truly Yours,

Charles J. Riebel, Jr., P.E., P.L.S., P.P., C.P.W.M.  
Certified Municipal Engineer  
Township Engineer/Public Works Director

Cc: Honorable Mayor and Council  
Council President Chris Morris  
Councilwoman Marion Bodanza  
Councilman Thomas DiGangi  
Councilman Jerome McIntosh  
Mr. Stuart Platt, Esq., Township Solicitor  
Police Chief Joseph Jackson, Jr.  
Ms. Lori Campisano, C.M.F.O., Chief Financial Officer

Mr. Robert Martin, Zoning Officer  
Ms. Catherine Underwood, R.M.C., Township Clerk