

**HUNTERDON COUNTY DEPARTMENT OF ROADS, BRIDGES AND ENGINEERING**  
**REPORT TO THE BOARD OF CHOSEN FREEHOLDERS**  
**Tuesday, February 16, 2010**

**ROADWAYS:**

**County Route 513: Race Street to Frontage Road:**

- Preliminary design will be forwarded to Franklin and Union Townships for comment.
- Milligan Farms to construct planned improvement along their frontage.
- Project on hold.

**County Route 519 and County Route 650:**

- Plans and specifications are being developed for Trust Fund Project 2010.
- S.A.G.E. application was completed December 21, 2009.
- County Route 519 field work is 30% complete.
- County Route 650 field work is complete.
- Preliminary design for County Route 650 is complete.

**County Route 523, Raritan and Readington Township:**

- Funding for project will come from N.J.D.O.T. Trust Fund.
- Location: from Lipton Tea Railroad Bridge to a point north of County Route 629.
- The Contractor is Topline Construction.
- Project commenced on October 5, 2009.
- Intermediate course completed for sections I and II.
- Project was winterized.
- Drainage is complete.
- Start up is March 15, 2010.

**Retaining Wall County Route 523 in Whitehouse Station:**

- Maintenance project needs to be scheduled

**County Route 579, Ringoes:**

- Project was well received by officials and residents.
- East Amwell Township has selected alignment for sidewalks and replacement of existing sidewalk between the legs of Iron Horse Road. It appears that would support their use. Estimate of sidewalk cost was provided to East Amwell. Grant to be applied for in 2009.
- Final alignment of sidewalk along County Route 602 has been determined.
- Culvert E-163: revised application was forwarded to NJDEP. H.P.O. will need to grant authorization.

**Retaining Wall on County Route 579 in Pittstown:**

- Punchlist will be completed in the spring.

**County Route 619, Seventh Street to Alexandria Township Limit:**

- Preliminary plans forwarded to H.P.O. on December 10, 2009, addressing authorization comments.
- Project will be coordinated with improvements for 12<sup>th</sup> Street. (S.H.P.O. has the application.)

**County Route 635 in the Boroughs of Hampton and Glen Gardner:**

- The municipal agreement for the project is in place.
- The County is advertising project on December 10, 2009. Bids are due January 21, 2010.
- Apparent low bidder is Tilcon New York Inc.
- Utility coordination needs to continue.
- A preconstruction meeting needs to be scheduled.

**2009 Resurfacing of Various County Roads, in Various Townships**

- Topline Construction is the Contractor.
- Project is complete.
- Punchlist includes germination of seed and repair of construction joints.

## **BRIDGES:**

### **Bridge B-26-W, Valley Station Road, Bethlehem Township:**

- Warren County is the lead on project.
- Furino & Sons is the Contractor.
- Warren County side concrete work completed and wing wall forms need to be stripped. No veneer started.
- Pier poured out, ½ pier veneer done and remaining being worked on.
- On the Hunterdon County side the abutment wall will be poured this week on either Wednesday or Thursday.

### **Bridge D-345, County Route 523, Delaware Township:**

- Substantially completed.
- Punchlist will be completed in spring.

### **Bridge E-140-M and E-142-M (County Route 518), East Amwell Township:**

- E-140-M deck replacement will not warrant a N.J.D.E.P. permit.
- E-142-M full structure replacement will require a N.J.D.E.P. permit. Cast in place structure is proposed for E-142-M. Revised profile received.
- Keller and Kirkpatrick is the design consultant.
- Plans forwarded to Townships and affected property owners for comments.
- Two separate applications will be made for environmental permits.
- A draft permit application needs to be prepared and reviewed.

### **Culvert E-163 (County Route 579), East Amwell Township:**

- H.P.O. authorization package to be submitted by February 17, 2010.

### **Bridge L-97-W Stephensburg Road, Lebanon Township:**

- Warren County will lead the Rehabilitation Project and has received proposals for design.
- Design firm will use Key-Tech borings to finalize footing design.
- Keller and Kirkpatrick is the design consultant.
- Preliminary plans were reviewed and comments were forwarded to Warren County.
- Warren County met with Jonathan Kinney, H.P.O. on February 9, 2010. H.P.O. wants Blue Stone Caps. H.P.O. did not see the need for a sites council at this time.

### **Bridge Q-168 Pennsylvania Ave, Raritan Township:**

- Preliminary alignment for roadway was developed and discussed with various parties.
- Preliminary Plan is 100% complete.
- R.O.W. documents are being modified. Parcel Map is complete and meeting needs to be scheduled with property owners.
- Appraisal report for R.O.W. was accepted by Board of Freeholders and they authorized that an offer be made. Offer forwarded to property owners. Property owners have requested a full set of plans. Property owners have requested a meeting to discuss project. Public hearing for R.O.W was held on April 7, 2009.
- Final engineering documents are being prepared.

### **Bridge R-123 Holland Brook Rd, Readington Township:**

- Keller & Kirkpatrick is the design consultant.
- Detour plan was approved and forwarded to Readington Township.
- Bridge plans and specifications need to be revised in accordance with N.J.D.O.T. Local Aid comments.

- N.J.D.E.P. permits were approved on July 13, 2009.

**Bridge RT-16, County Route 523, Readington and Tewksbury Townships**

- Application for N.J.D.E.P. is being reviewed. An Individual Stream Encroachment Permit is required.
- Consultant is to review scope of project and determine environmental impacts based on a reduced project limit.
- Field work needed to update roadway conditions.

**Bridge T-36-S, Black River Rd, Tewksbury Township and in Bedminster Township, Somerset County**

- Keller & Kirkpatrick is the design consultant.
- Detour plan was approved.
- N.J.D.E.P. and S.C.S permit were received.
- Highland Agency authorized project.
- R.O.W. offers made and second letter was sent to property owners. One property owner has accepted the County's offer.
- Final plans were reviewed and comments were forwarded to Consultant.
- Somerset County is preparing an Inter-County Agreement for construction.

**Bridge T-102, Water Street, Tewksbury Township**

- H.C. Constructors, Inc. is the Contractor.
- Punchlist Items will be completed in the spring.

**Bridge W-124, Alexauken Creek Road, West Amwell Township**

- Cherry, Weber & Associates is the Design Consultant.
- Utility Easement was executed.
- Public Information meeting was held on September 23, 2009.
- Plans forwarded to Township for comments.
- N.J.D.E.P. comments addressed and revised permit application forwarded to D.E.P.
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**Multi-Purpose Trail/Bridge Project, Echo Hill Park**

- Alignment for Park Trial Bridges was selected.
- N.J.D.E.P. permit application was approved.
- Bituminous concrete trail is proposed.
- Project on hold.
- Freeholders' need to grant final design authorization.

**IN HOUSE PROJECTS:**

**Bridge C-110:**

- PC panel and parapet plans given to Bridge Division.
- Interim repairs were made.
- Bridge work has been scheduled.

**Culvert D-329, Pine Hill Road, Delaware Township:**

- Culvert opened January 29, 2010.
- Approach guiderail needs to be addressed with Delaware Township.

**Drainage Project**

- County Route 513, High Bridge: plans and specifications are completed and will be revised.
- County Route 601, Mt. Airy, S.H.P.O. authorization for project is needed.
- West Amwell has concurred with project.

**Sidewalk and Drainage Project, Gauntt Place, Community/Extension Services Building**

- Field work is complete and plans and specifications are being developed.
- Cost estimate for project is +/- \$150,000.00.

**SCOPING PROJECTS**  
**LOCAL LEAD AND/OR N.J.T.P.A. PROJECTS**  
**APPROVAL BY N.J.T.P.A. BUT ADMINISTRED THROUGH N.J.D.O.T.**  
**LOCAL LEAD (N.J.D.O.T.) BILLING GOES TO N.J.D.O.T.**  
**N.J.T.P.A. SCOPING PROJECTS**

1. **County Route 519 (Warren Glen Hill) Safety Improvement :**
  - Green Acres meeting was held May 27, 2009.
  - Preliminary centerline stakeout was completed.
  - Field meeting held with property owners. Issues were satisfied.
  - Public Information meeting was held concerning Green Acres Taking on December 9, 2009. Public comments will be addressed.
  - Meeting held with Design Consultant on February 3, 2010 to discuss issues raised at meeting. Preliminary plans being developed for reduced scope.
  
2. **Bridge F-45, Whitebridge Road** – Kick off meeting for final design was held November 24, 2008 with Cherry, Weber & Associates.
  - Field work is completed.
  - D.E.P. permit application was submitted.
  - Utility meeting was held and modified plans were submitted to Utilities.
  - Franklin Township comments were incorporated within plans.
  - Meeting held with Design Consultant on February 3, 2010 to discuss status and R.O.W. acquisition.
  
3. **County Route 579 over the Lehigh Valley Railroad**
  - Project received a stop work order from the Federal Highway Administration.
  - Project was reinstated into the Federal Aid System. Local Aid needs to authorize project.
  - Chronological summary has been completed and submitted to N.J.T.P.A. An Engineer's Estimate, design and construction schedule has been developed and submitted.
  
4. **Bridge E-174:**
  - N.J.D.E.P. permit application approved. Wetlands and Stream Encroachment Permits approved.
  - Final plans are being developed: bridge plans are 75% completed and roadway plans are 40% completed.
  - R.O.W. acquisition was authorized by N.J.D.O.T.
  - Freeholder authorized release of offers.
  - Meeting held on January 27, 2010 with East Amwell Township and concerned citizens.
  - Public hearing for R.O.W. held February 2, 2010.
  - Additional field meeting needs to be scheduled.
  - Meeting needs to be scheduled with Consultant to discuss project.
  
5. **Bridge E-166:**
  - Final plans and specifications revised to 2007 Standard and forwarded to N.J.D.O.T. Local Aid, N.J.D.O.T. forwarded to Federal Highway Administration.
  - R.O.W. for the project has been ascertained.
  - N.J.D.E.P. permits received. SCS permit received.
  - Utility work has commenced.
  - Federal Authorizations were received for project.
  - Training goals for project need to be ascertained.
  - Project was advertised on February 11, 2010 and construction bids are due March 4, 2010.
  
6. **Bridge C-88:**
  - Wetlands and Stream Encroachment permit received.
  - S.C.S. certificate for construction was received.
  - Right of Entry plan is being developed.
  - Federal Authorization was received for project.
  - Final plans and specifications on Freeholder Agenda for approval and authorization to bid.

7. **Bridge RQ-164 Rockafellows Mill Construction:**
  - Final construction plans, specifications and certification forwarded to N.J.D.O.T. Local Aid and authorization was received to go to construction.
  - Proposals were received and apparent low bidder is Rittaco.
  - Preconstruction meeting needs to be scheduled.
  
8. **Bridge D-300, Raven Rock-Rosemont Road:**
  - Scoping phase complete.
  - Design authorization received from N.J.D.O.T. and the contract was executed by the Design Consultant.
  - A kick off meeting was held on January 12, 2010.
  
9. **County Route 513, Exit 15-Interstate 78:**
  - Jacobs Engineering Inc., (formerly Edwards & Kelcey) is the Design Consultant.
  - Wetlands Study in field was completed.
  - Existing conditions report was reviewed and submitted to N.J.T.P.A.
  - Cultural Resources Report has been revised and was forwarded to N.J.T.P.A.
  - Project Purpose and Need Report forwarded to N.J.T.P.A.
  - Reallocation of budgeted items was reviewed and forwarded to N.J.T.P.A.
  - Alternative Analysis Report forwarded to N.J.T.P.A., response from N.J.D.O.T. is needed.
  - Extension of Time for project was granted.
  - A.P.E. Report has received approval.
  - Final C.E.D. was received and forwarded to N.J.T.P.A. for distribution, waiting for response.
  
10. **Bridge RQ-179:**
  - Stanton Station Road over the South Branch Raritan River Application approved for Historic Preservation and Rehabilitation.
  - Revised Alternative Analysis Report was reviewed and forwarded to N.J.T.P.A. for distribution.
  - Cultural Resources report was approved by N.J.D.O.T.
  - C.E.D. is complete and needs to be submitted.
  - 4(f) Report is complete and needs to be submitted.

## **INTERSECTION DEVELOPMENT PROJECTS:**

1. County Routes 517/523:
  - Legal action will be required to acquire R.O.W.
  - Owl Contracting has winterized project.
  - The subcontractor for the signal installation is waiting for some pieces.
2. County Routes 512 and 513:
  - Plans were forwarded to the Borough of Califon and the Municipal Engineer for comment.
3. County Routes 600 and 612:
  - Boring report for culvert submitted and forwarded to the Consultant.
  - A preliminary plan was reviewed and comments were forwarded to the Consultant.
  - A public meeting was held on January 13, 2010 at the Route 12 County Complex.
  - The plans were forwarded to Raritan Township, the Hospital and the property owner for comment.
  - D.E.P. L.U.R.P. application is being submitted.
4. County Route 523 and AM Best Driveway:
  - Preliminary design of signal has commenced.
  - Base map and frontage improvements are needed to complete design. Design Consultant to provide a price for this work.

## **FEDERAL AID STIMULUS PROJECTS**

1. County Route 512:
  - +/- 1275' east of Guinea Hollow Road to Somerset County Line
  - Mill 2" and resurface 2"
  - C.E.D. approved.
  - Final plans and specifications were sent via Federal Express to N.J.D.O.T. Local Aid.
  - Project forwarded to the Federal Highway Administration.
  - Final plans and specifications on agenda for approval and authorization to bid.

### County Route 517:

- From 200' south of County Route 512 to Morris County Line
- Mill 2" and resurface 2"
- C.E.D. approved.
- Final plans and specifications were forwarded to N.J.D.O.T. Local Aid.
- Project forwarded to the Federal Highway Administration.
- Final plans and specifications on agenda for approval and authorization to bid.

2. County Route 623:

- N.J. Route 31 to Kent Court
- Mill 2" and resurface 2"
- C.E.D. approved.
- Final plans and specifications were forwarded to N.J.D.O.T. Local Aid.
- Project forwarded to the Federal Highway Administration.
- Final plans and specifications on agenda for approval and authorization to bid.

### County Route 625:

- County Route 513 to N.J. Route 173
- Mill 2" and resurface 2"
- C.E.D. approved.
- Final plans and specifications were forwarded to N.J.D.O.T. Local Aid.
- Project forwarded to the Federal Highway Administration.
- Final plans and specifications on agenda for approval and authorization to bid.