

**HUNTERDON COUNTY DEPARTMENT OF ROADS, BRIDGES AND ENGINEERING**  
**REPORT TO THE BOARD OF CHOSEN FREEHOLDERS**  
**Tuesday, April 6, 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 100% complete.
- County Route 650 field work is complete.
- Preliminary design for County Route 650 is under review.

**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.
- Top soil, seeding and manhole adjustment of sections 1 and 2 are in progress.
- Milling pavement of section 3 is in progress.

**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 N.J.D.E.P. H.P.O. approved project and forwarded to Wetlands.

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

- Punchlist is in progress and will be completed this spring.

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

- Preliminary plans forwarded and are being reviewed by S.H.P.O.
- Project will be coordinated with improvements for 12<sup>th</sup> Street. (S.H.P.O. has the application.)
- S.H.P.O. preliminary review and we are awaiting their comment letter.

**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 was held February 24, 2010.
- Construction is underway.

#### **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 and is in progress.

#### **BRIDGES:**

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

- Warren County is the lead on project.
- Furino & Sons is the Contractor.
- Sub-structure is completed.
- Stone veneer for the abutment on the Hunterdon County side needs to be completed.
- Beams are to arrive the week of April 19, 2010.

##### **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:**

- For the E-140-M deck replacement a N.J.D.E.P. permit application will be submitted, but does not warrant a H.P.O. permit.
- E-142-M full structure replacement will require a N.J.D.E.P. permit. N.J.D.E.P. permit application will be submitted for Phase I assessments. 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.
- Archaeology needs to be investigated.

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

- S.H.P.O. authorization of project has been received.
- Wetlands permit is pending.
- Construction cost estimate is being developed.

##### **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.
- 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.
- N.J.D.E.P. application made.

##### **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. Meeting held with property owners on March 4, 2010.
- Final engineering documents are being prepared.
- R.O.W. and pavement has been staked out in the field.
- Coordination of involved parties scheduled for April 15, 2010.

##### **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 were revised to address comments of N.J.D.O.T. Local Aid. Authorization to advertise should be forthcoming.
- 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 was provided to Consultant.

**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 will be started this week.

**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 West Amwell Township. No comments were received.
- N.J.D.E.P. comments addressed and revised permit application forwarded to D.E.P.

**Multi-Purpose Trail/Bridge Project, Echo Hill Park**

- Alignment for Park Trail 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.
- Delaware Township concurs with installation of approach guiderail. The guiderail will be installed in the near future.

**Drainage Projects**

- County Route 513 and County Route 617, High Bridge & Raritan: drainage plans and specifications are completed and will be on Freeholders Agenda for April 6, 2010.
- County Route 601, Mt. Airy, S.H.P.O. application was made on March 26, 2010.

- 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 revised.
- Cost estimate for project is +/- \$165,000.00.

**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.
  - Working meeting needs to be scheduled with Holland Township and N.J.D.O.T.
  
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.
  - Consultant completed R.O.W. documentation for Green Acres.
  
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 with Consultant to discuss project.
  - Field meeting scheduled for March 31, 2010 at 4:30 p.m.
  - Proposed centerline, driveway and bridge elevation were staked out for the meeting held on March 31, 2010.
  
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. Old utility poles need to be removed.
  - Federal Authorizations were received for project.
  - Project bids were received and it is recommended that Kyle Conti Construction, LLC be awarded the contract.
  - Preconstruction meeting needs to be scheduled.
  
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 were approved and authorized to be bid.
- The bids received on April 1, 2010 are in review.

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 Ritacco Construction, Inc.
- Preconstruction meeting was held on March 1, 2010.
- Bridge will be closed on March 29, 2010.
- Site preparation is underway.

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.
- Preliminary design is to be submitted for review.

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.
- Extension of Time for project was granted.
- A.P.E. Report has received approval.
- Final C.E.D. forwarded to N.J.T.P.A. for distribution and comments were received and have been addressed.

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. and 4(f) Report submitted to N.J.T.P.A. for distribution.

## **INTERSECTION DEVELOPMENT PROJECTS:**

1. County Routes 517/523:
  - Legal action will be required to acquire R.O.W.
  - Owl Contracting has winterized project and anticipate start up date of April 6, 2010.
  - The subcontractor for the signal installation is waiting for some pieces.
  - Centerline striping reestablished at intersection on March 1, 2010.
  - Construction commenced on April 5, 2010.
2. County Routes 512 and 513:
  - Plans were forwarded to the Borough of Califon and the Municipal Engineer for comment.
  - Utility company was contacted. JCP&L needs to schedule pole relocation.
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 revised.
4. County Route 523 and AM Best Driveway:
  - Preliminary design of signal has commenced.
  - Base map and frontage improvements are to be completed in-house and design will be forwarded to Consultant.

## **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.
  - The project was advertised the week of March 15, 2010 and bids are due April 15, 2010.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.
  - The project was advertised the week of March 15, 2010 and bids are due April 15, 2010.
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.
  - The project was advertised the week of March 15, 2010 and bids are due April 15, 2010.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.
  - The project was advertised the week of March 15, 2010 and bids are due April 15, 2010.