

**HUNTERDON COUNTY DEPARTMENT OF ROADS, BRIDGES AND ENGINEER**  
**REPORT TO THE BOARD OF CHOSEN FREEHOLDERS**  
**Tuesday, December 1, 2009**

**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.

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

- Storm drainage is completed for sections 1-3 and section 4 is under construction.
- 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 should commence next week.
- Profile milling on section 1 is completed.

**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.

**Retaining Walls on County Route 579 in Pittstown and County Route 523 in Whitehouse:**

- Historic Preservation Office has granted authorization with conditions.
- Construction to commence on July 20, 2009 (signing was installed on July 7, 2009).
- Punchlist was forwarded to the Contractor.
- Railing to be installed the week of December 7, 2009.

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

- Preliminary plan is 50% complete. Information concerning project was received from Frenchtown Borough. Comments will be reviewed and plans modified to accommodate comments where possible. Frenchtown Borough has given preliminary approval of plan. A Public Information meeting was held April 8, 2009 and project was well received. A letter of support from Frenchtown Borough was received.
- H.P.O. comments from Authorization letter are being addressed.
- Project will be coordinated with improvements for 12<sup>th</sup> Street.

**County Route 635:**

- The municipal agreement for the project was executed by Hampton Borough.
- The County is advertising project on December 10, 2009. Bids are due January 21, 2010.

**County Route 650 & County Route 519:**

- Plans & Specifications are being developed.
- This project will be the Transportation Trust Fund Project for 2011.

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

- Topline Construction is the Contractor.
- Milling and resurfacing is complete.
- Punchlist and drainage Items to be completed in the near future.

## **BRIDGES:**

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

- Warren County is the lead on project.
- Furino & Sons is the Contractor.
- Steel beams delivered and timber deck will be picked up.
- Trusses are to be taken off site for rehabilitation.
- Clearing Site Bridge is under construction.

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

- Contractor is Underground Utilities Corporation.
- Field meeting held to review input on stone veneer and color treatment of precast box.
- Bridge closed September 28, 2009.
- Storm drainage and backfilling should be completed today.
- Road opening date scheduled for the week of December 7, 2009.

### **Bridge E-140-M and E-142-M (County Route 518):**

- 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.

### **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`.

### **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.
- 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.
- Negotiation meeting was held with the property owners. Comments will be reviewed.
- Final engineering documents are being prepared.
- Revised preliminary plans are being developed.

### **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 sent to N.J.D.O.T.

- 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.
- Meeting held with Consultant on November 18, 2009. Roadway limit was reduced.

**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. parcels were appraised.
- R.O.W. offers made.
- Final plans were reviewed and comments were forwarded to Consultant.
- Somerset County is preparing an Inter-County Agreement for construction.

**Bridge T-88, Guinea Hollow Road, Tewksbury Township**

- Project complete and bridge is open.

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

- H.C. Constructors, Inc. is the Contractor.
- A preconstruction meeting was held September 8, 2009.
- Reconstruction started September 10, 2009.
- Westerly substructure is +/- 60% complete.
- Funding approved by N.J.D.O.T.
- Roadway section should be paved by December 11, 2009.

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

- Cherry, Weber & Associates is the Design Consultant.
- Utility meeting held last week.
- Public Information meeting was held on September 23, 2009.
- Plans forwarded to Township for comments.
- Field meeting held with property owner and R.O.W. documents are being prepared.

**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:**

- Closed for reconstruction on October 5, 2009.
- Arch barrel to be re-pointed and walls to be reconstructed inclusive of repair or replacement of cap stones.

- Delaware Township, State Historic Preservation Office and County discussed project and the project is commencing as agreed to.

**Drainage Project**

- County Route 513, High Bridge: plans and specifications are being completed.
- County Route 601, Mt. Airy, S.H.P.O. authorization for project is needed.

**Sidewalk and Sump Drain Project N.J. Route 31, Extension Services Building**

- Field work is complete.
- Plans and Specifications are being developed.

**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 concerning Green Acres Taking will be held on December 9, 2009 from 6:00 p.m.-7:30 p.m. at the Holland Township Municipal Building.
  
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.
  
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.
  - Meeting was held on June 23, 2009 to discuss status of 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.
  - Public hearing for R.O.W. rescheduled for early February 2010.
  
5. **Bridge E-166:**
  - Final plans and specifications revised to 2007 Standard and forwarded to NJDOT Local Aid for authorization and forwarded to N.J.D.O.T.
  - R.O.W. for the project has been ascertained.
  - N.J.D.E.P. permits received. SCS permit received.
  - N.J.D.O.T. detour approval was received.
  - Utility work has commenced.
  - Construction documents forwarded to the Federal Highway Administration for authorization.
  
6. **Bridge C-88:**
  - Wetlands and Stream Encroachment permit received.
  - S.C.S. certificate for construction was received.
  - Revised plans and specifications forwarded to N.J.D.O.T. Local Aid for review.
  - Right of Entry plan is being developed.
  
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.
  - The Freeholders approved the plans and specifications and authorized advertising.

8. **Bridge D-300, Raven Rock-Rosemont Road:**
  - Scoping phase complete.
  - Design authorization received from N.J.D.O.T. and the contract needs to be developed by the Purchasing Department.
  
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.
  - 4(f) Report was submitted.

## **INTERSECTION DEVELOPMENT PROJECTS:**

1. County Routes 517/523:
  - Legal action will be required to acquire R.O.W.
  - Utility work has commenced. The AT&T and Verizon line relocation will be completed by Contractor.
  - Embarq and Cable Company are scheduled to complete line relocation the week of October 5, 2009.
  - Owl Contracting has remobilized.
  - Drainage is being constructed on west side of County Route 523.
  - Roadway widening and paving of County Route 517 and County Route 523 eastbound is complete.
  - Foundations and conduits are complete for signal. The utilities need final relocation to set signal poles.
2. County Routes 512 and 513:
  - Preliminary plans were reviewed and comments were forwarded to the Consultant.
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 needs to be scheduled to discuss the project.

## **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.

### 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.

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.

### 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.

