

**DEPARTMENT OF PUBLIC WORKS  
DIVISION OF ROADS, BRIDGES AND ENGINEERING  
REPORT TO THE BOARD OF CHOSEN FREEHOLDERS  
Tuesday, March 5, 2013**

**ROADWAYS:**

**County Route 513, High Bridge Borough to Morris County Line:**

- Mill and resurface roadway.
- S.A.G.E. application for N.J.D.O.T. Transportation Trust Fund needs to be submitted for 2013, subject to receipt of authorization from N.J.D.O.T.
- Field work is complete.

**County Route 519, Hillcrest Drive to Holland Township/Borough of Milford Municipal Line:**

- High Risk Rural Roads (H.R.R.R.) project.
- Resurfacing and rumble strip installation.
- C.E.D. documents submitted.
- Preliminary plans 95% complete.

**County Route 523, Readington Township and County Route 517, Tewksbury Township:**

- Project is complete.
- Final payment request needs to be submitted.
- A mechanic lien was filed by a subcontractor.

**County Route 579 and 602, Ringoes:**

- Project was well received by officials and residents.
- Plans and specifications were approved by East Amwell Township.
- Agreement between the county and East Amwell Township was approved.
- East Amwell Township has received an extension to January 2013.
- Bids were received on January 23, 2013. Reivax Contracting Corp. is the apparent low bidder.
- Utility work is complete.
- N.J.D.O.T. has authorized the scheduling of the preconstruction meeting.

**County Route 614, Union Township:**

- High Risk Rural Roads (H.R.R.R.) project.
- Overhead sign advising of height restrictions.
- County Route 614 and County Route 579 mill and resurface.
- County Route 614 horizontal curve correction.
- Field work is completed.
- Project under design.

**County Route 637-Readington Road, Readington Township, Hunterdon County and Branchburg Township, Somerset County:**

- Joint project with Somerset County.
- Public Information Meeting was held at R.V.C.C.
- Comments were forwarded to the consultant and Somerset County.
- Inter-County agreement/cost estimate is being reviewed.
- Plans were presented to the Hunterdon County Freeholder Board on February 5, 2013.
- Start of construction tentatively scheduled for 2014.

**County Route 651, Kingwood Township:**

- High Risk Rural Roads (H.R.R.R.) project.
- Traffic markings.
- Horizontal curve correction.

- Surface treatment.
- Field work is complete.
- Authorization for construction should be received for 2014.

**Transportation Trust Fund Projects FY2012:**

**1. County Route 523-Lamington Road, from County Route 517 to Somerset County Line, Tewksbury Township and 2. County Route 609-Manners Road, County Route 514 to County Route 602, East Amwell Township:**

- Project was awarded to Top Line Construction Corp.
- Preconstruction meeting was held on January 16, 2013.
- Construction started on February 11, 2013 on County Route 609.
- Drainage on County 609 is 90% complete. Drainage on County Route 523 to start on March 11, 2013.

**BRIDGES:**

**Bridge C-26, Cratetown Road, Clinton Township:**

- Design consultant is IH Engineer PC.
- Comments concerning project reports were addressed.
- Public Information Meeting was held on April 4, 2012.
- Plans were forwarded to Clinton Township and the historic committee.
- Phase I Historic Report is completed and will be submitted for D.E.P. permit.
- S.C.S. plans and application were recently submitted.
- D.E.P. permit filed.

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

- For the E-140-M deck replacement the N.J.D.E.P. permit was approved by N.J.D.E.P.
- Keller and Kirkpatrick is the design consultant.
- Final plans and specifications are completed, were approved and waiting for N.J.D.O.T. authorization.
- Utilities were advised of the construction project and are developing a plan.
- Sage application will be submitted for the Hunterdon County share (pending by State).
- Contract awarded to the low bidder, Interstate Contracting & Excavating, LLC.
- Preconstruction meeting should be scheduled the week of March 11, 2013.

**Bridge L-25-W, Point Mountain Road, Lebanon Township, Hunterdon County and Mansfield Township, Warren County:**

- The design professional is Malick & Scherer.
- Meeting with Warren County to discuss project schedule was held on February 6, 2012.
- Alternative report was completed for the alignment and preferred superstructure.
- Inter-County agreement executed by the Hunterdon County and Warren County Freeholders.
- A Public Information Meeting was held in Mansfield Township on May 9, 2012 at 5:30 p.m.-7:00 p.m.
- Public comments will be addressed.
- Plan presented at Parks meeting on June 4, 2012 and comments will be addressed.
- Consultant prepared an additional plan indicating a multipath connection, was submitted to H.P.O. on September 4, 2012.
- Alternative analysis is being reviewed.

**Bridge L-93-W, County Route 645, Changewater Road, Washington Township, Warren County and Lebanon Township, Hunterdon County:**

- Design kickoff meeting was held on February 21, 2013.
- Boswell Engineering is the design consultant.

**Bridge L-97-W, Stephensburg Road, Lebanon Township, Hunterdon County and Mansfield Township, Warren County:**

- Warren County will lead the Rehabilitation Project and has received proposals for design.
- Keller and Kirkpatrick is the design consultant.

- H.C. Constructors, Inc. is the contractor.
- Project is substantially completed.
- Punchlist items need to be addressed.

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

- Final alignment for roadway was developed and discussed with various parties.
- Preliminary plans are under review.
- R.O.W. was received for project.
- Final engineering documents are being prepared.
- Agreement items with property owner were completed.
- Detour plan needs a permit from N.J.D.O.T.
- N.J.D.O.T. bridge funding will be applied to project.

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

- Application to N.J.D.E.P. was reviewed. Wetlands Permit application was submitted on January 21, 2013. Flood Hazard Permit application should be submitted on March 15, 2013.
- Soil borings for water quality basin were completed.
- Pavement cores taken in shoulder of pavement and data were forwarded to the consultant.
- Green Acres meeting was held on October 24, 2012 and compensation will be required.

**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.
- Final plans and specifications are completed and project should be bid in 2013.
- The Inter-County Agreement was executed by Somerset County and the Hunterdon County Freeholders approved the agreement on April 19, 2011.
- N.J.D.O.T. Local Bridge grant will provide funding.
- N.J.D.O.T. needs to authorize project, plans forwarded March 4, 2013.

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

- Alignment for Park Trail Bridges was selected.
- N.J.D.E.P. permit application was approved. Permits are good until August 2014.
- Project on hold.
- Funding application made for project – 2013.
- Additional application made to N.J.D.O.T. for funding.

**IN HOUSE PROJECTS:**

**County Culvert E-152, Mountain Road, East Amwell Township:**

- Concrete deck slabs design is complete.
- Slabs constructed in house.

**County Culvert HA-11, Sweet Hollow Road, Townships of Holland and Alexandria:**

- Field work complete for HA-11.
- Slab is being redesigned.
- In house project.

**County Culvert HA-13, Sweet Hollow Road, Townships of Holland and Alexandria:**

- Deck is being redesigned.
- In house project.

**County Culvert R-58, Pulaski Road, Readington Township:**

- Sketch plans and traffic data will be submitted to Readington Township for their concurrence with Scope of Project.

**County Culvert U-18, Race Street, Union Township:**

- Reconstruction of culvert.
- Field work and drafting is completed.
- Design work is 100% completed.
- Permit plans and application were submitted to N.J.D.E.P. Revised plans were forwarded to N.J.D.E.P. Flood Hazard Permit was received.
- Public Information Meeting was held on April 25, 2012 at 6:00 p.m. at Union Township Municipal Building.
- Revising plans to include stone facing and preparing contract documents.
- Permit was received from D.E.P.
- Final review of plans and specifications are complete.
- Bids will be received on March 21, 2013.

**County Culvert X-6, Mine Road, Borough of High Bridge:**

- Field work is complete.
- Design a concrete box culvert to reconstruct culvert.
- Permit plans are in review. Preliminary plans were reviewed and modifications are needed.
- Soil test pits are completed.

**Drainage Projects:**

- County Route 635, Bethlehem Township, north of Mine Road.
- County Route 639, Clinton Township, Hamlet of Cokesbury.
- County Route 604, East Amwell Township field work and design are completed.
- County Route 519, Kingwood Township, Spring Hill Road area.
- County Route 579, West Amwell Township, from Route 31 South.

**Stockton Borough Drainage Study:**

- Scope of Work for drainage concerns on County Route 523 in Stockton Borough was approved.

**Trails for Parks**

- Columbia Trail resurfacing.
- Landsdown Trail resurfacing.
- Bids are due on March 14, 2013.

**SCOPING PROJECTS**  
**LOCAL LEAD AND/OR N.J.T.P.A. PROJECTS**  
**APPROVAL BY N.J.T.P.A. BUT ADMINISTERED 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:**

- Preliminary design submission is being reviewed.
- Field meeting held with property owners. Issues were satisfied.
- Public Information meeting was held concerning Green Acres Taking on December 9, 2009. Public comments were addressed.
- Design consultant completed preliminary plans in accordance with reduced scope.
- R.O.W. authorization to be acquired in 2012. R.O.W. plans should be completed by July 20, 2012.
- Construction to commence 2013.
- Contract modification was approved by N.J.D.O.T.
- Soil borings are completed.
- Meeting with property owner concerning the Scope of Work was held on April 9, 2012. Comments will be addressed.
- R.O.W. documentation submitted to N.J.D.O.T., it has been approved and submitted to F.H.W.A.
- Meeting held with consultant concerning storm water management plan.
- Test pits were completed for the proposed storm water basin. Basin location is good. Consultant is working on N.J.D.E.P. permit.
- Consultant is preparing a design modification for mitigation of transition zone as required by N.J.D.E.P.
- Meeting with IPP held to discuss Environmental Mitigation Easement: (+/- 1 acre).

2. **Bridge F-45, Whitebridge Road, Franklin Township:**

- N.J.D.O.T. right-of-way agreement was received, executed and returned.
- Public hearing on R.O.W. was held on July 19, 2011.
- County Counsel needs to file for condemnation.
- Final plans and specifications were forwarded to N.J.D.O.T. for approval.
- Statehouse commission approved N.J.D.E.P. diversion for R.O.W.
- R.O.W. settlement was reached. N.J.D.O.T. wants additional information concerning settlement.
- Utility meeting was held and a revised utility relocation plan was approved.
- N.J.D.O.T. is submitting project to F.H.W.A. for authorization.
- Cost for construction support services forwarded to Local-Aid.
- Project was awarded to Kalogridis Contracting, LLC.
- N.J.D.O.T. needs to authorize preconstruction meeting.

3. **County Route 579 over the Lehigh Valley Railroad**

- Project was reinstated into the Federal Aid System. Local Aid has authorized project and provided funding. Contract modification is needed.
- SA-96 Local Aid discretionary funding for scoping was submitted.
- Kick off meeting held November 8, 2010 in Trenton.
- N.J.D.O.T. is requesting that the County give consideration to taking over the bridge when this project is completed.
- Design work is scheduled to be completed in 2012, R.O.W. acquisition in 2014 and construction in 2015.
- Emergency repair was completed by N.J.D.O.T.
- Memorandum of Agreement was submitted to D.E.P. and N.J.D.O.T.

- Final Alternative Study was reviewed by F.H.W.A. Comments were received and additional data needs to be submitted.
  - 4-f report revisions were made and resubmitted.
  - The first draft of the Scope of Work outlined for the final design is completed and is being typed.
4. **Bridge E-174, East Amwell Township:**
- N.J.D.E.P. permit application was resubmitted. Project Scope of Work was reduced to meet storm water regulations and a submittal is scheduled for next week. Permit modification was received this month, September 2012.
  - R.O.W. documents are being updated and should be completed by mid march.
  - N.J.D.E.P. permit extension was granted.
  - Construction commenced in December 2012.
  - S.C.S. application was completed and submitted.
  - Utility meeting was held on January 16, 2013.
  - Final plans, specifications and engineer's estimates received and are being reviewed by N.J.D.O.T.
5. **Bridge D-300, Raven Rock-Rosemont Road, Delaware Township:**
- No utility relocation is necessary.
  - Project advertised for bid on October 11, 2012. Project was awarded to Rencor, Inc.
  - Contractor has met the D.B.E. requirements.
  - Contract modification for construction services was approved.
  - The tentative start of construction is scheduled for the end of March.
6. **County Route 513, Exit 15-Interstate 78:**
- Jacobs Engineering Inc., (formerly Edwards & Kelcey) is the design consultant.
  - Value Engineering meeting was held on June 5, 6, and 7, 2012 and alternatives and traffic data were analyzed and sent to N.J.D.O.T.
  - Consultant is requesting a meeting with N.J.D.O.T. and F.H.W.A. to approve and authorize preferred plan.
  - Consultant requested change of geotech sub-consultant and paper work was submitted to N.J.D.O.T.
  - A meeting with local officials was held on December 12, 2012.
  - Borings are being scheduled and the property owners were advised.
  - Meeting at D.O.T. to discuss preferred alignment and method to proceed.
  - A revised C.E. document was submitted.
  - Environmental Evaluation document was submitted.
7. **Bridge RQ-179, Readington and Raritan Townships:**
- Stanton Station Road over the South Branch Raritan River Application approved for Historic Preservation and Rehabilitation.
  - Final plans, specifications and cost estimate were approved by N.J.D.O.T. and the project was forwarded to F.H.W.A. Authorization to bid was received.
  - S.C.S. certification was received.
  - Contract was executed by the Freeholders.
  - Project schedule submitted to N.J.D.O.T. Bids received on January 31, 2013. Low bidder is Interstate Contracting & Excavating, LLC.
  - Additional funding from N.J.D.O.T. is needed. Contract modification is needed.
  - D.B.E. requirements are needed.
8. **Bridges K-110 and K-111, Kingwood Township:**
- Application for concept development made to N.J.T.PA.
  - A resolution of support from the Freeholder Board is needed.

## **INTERSECTION DEVELOPMENT PROJECTS:**

1. 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 is scheduling pole relocation. Need letter from JCP&L indicating their cooperation. Field meeting with utility was held on March 5, 2013.
  - Highlands Commission has exempted the project.
  - Application for funding was made to N.J.T.P.A. High Risk Rural Roads (H.R.R.R.).
  - Funding will be available. C.E.D. was approved.
  - H.R.R.R. meeting with N.J.D.O.T. held on January 11, 2012. Plans and specifications were reviewed by N.J.D.O.T. and comments will be addressed. Conditional authorization.
  - Revised plans and specifications were forwarded to N.J.D.O.T.
  - Bids were received on January 23, 2013. Apparent low bidder is Reivax Contracting Corp.
  - Preconstruction meeting will be scheduled after authorization is received from local lead.
  
2. County Routes 600 and 612:
  - Boring report for culvert submitted and forwarded to the consultant.
  - The plans were forwarded to Raritan Township, the Hospital and the property owner for comment.
  - D.E.P. - L.U.R.P. permit was received.
  - Elizabethtown Gas is developing a relocation plan.
  - R.O.W. offer was forwarded to property owners. A counter proposal was accepted by the Freeholders and the property owners will be notified.
  - Property owner executed R.O.W. Agreement.
  - Final plans have been reviewed by the consultant and modifications to plans and specifications are needed.

## **DISCUSSION:**

### **Storm Update Miscellaneous:**

- FEMA application for payment was submitted for Hurricane Sandy.
- D.E.P. permit filed for Hurricane Irene.
- F.H.W.A. revisions for payment were completed and forwarded to Local Aid for Hurricane Irene.