

DEPARTMENT OF PUBLIC WORKS
DIVISION OF ROADS, BRIDGES AND ENGINEERING
REPORT TO THE BOARD OF CHOSEN FREEHOLDERS
Tuesday, December 18, 2012

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.

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

- Project is complete.
- Final payment request needs to be submitted.

County Route 579, 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.
- N.J.D.O.T./County meeting was held on May 12, 2012, concerning the historical significance of Ringoes. Application for authorization to construct was submitted to H.P.O and Local Aid on July 2, 2012 and comments are being addressed. A Phase I Historic Assessment Report was prepared by Hunter Associates. Final report approved by H.P.O. and was forwarded to N.J.D.O.T. and East Amwell Township.
- East Amwell Township has received an extension to January 2013.
- Bids are scheduled to be received on January 23, 2013.

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.

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.
- Tentative construction date is June 2013.
- Inter-County agreement/cost estimate is being reviewed.
- Plans will be presented to the Hunterdon County Freeholder Board in the near future.

County Route 651, Kingwood Township:

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

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:

- Apparent low bidder is Top Line Construction Corp.

- Preconstruction meeting needs to be scheduled.

BRIDGES:

Bridge C-26, Cratetown Road, Clinton Township:

- Design consultant is IH Engineer PC.
- Preliminary field work was completed.
- 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 submitted and approved by this office. A check is required for submission to S.C.S.

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).
- Project was advertised and bids will be taken on January 9, 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.
- Field meeting with H.P.O. was held on December 11, 2012. Alternative analysis is necessary for permitting.

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.
- A weight limit resolution removing the weight restriction is needed.

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.

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

- Application to N.J.D.E.P. was reviewed. An Individual Stream Encroachment Permit submission should be made by the early 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 nearly 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 should provide funding.

Bridge W-71, County Route 579, West Amwell Township

- N.J.D.O.T. Bridge Funding project for 2011. S.A.G.E. application was submitted.
- Punchlist completed.

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

- Alignment for Park Trial 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 designed.
- In house project.

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

- Design of deck is completed.
- In house project.

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

- Field work is completed.

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.

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 +/- 80% complete.
- 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:

- Draft of Scope of Work for drainage concerns on County Route 523 in Stockton Borough was forwarded to Stockton Borough for comment. Scope of Work was revised and forwarded to the Borough Engineer. Stockton Borough Engineer provided comments.

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 done for the proposed storm water basin. Basin location is good. Consultant is working on N.J.D.E.P. permit.

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.
- Bids for project will be received on January 24, 2013.

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 submitted to F.H.W.A. No response received.
- 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.
 - Revised R.O.W. documents need to be revised.
 - Applying for N.J.D.E.P. permit extension.
 - Construction to commence in December 2012.
 - S.C.S. application was completed and submitted.

5. **Bridge D-300, Raven Rock-Rosemont Road, Delaware Township:**
 - Scoping phase completed.
 - N.J.D.O.T. is forwarding the project to F.H.W.A. for approval.
 - Additional funding for construction was requested from N.J.T.P.A.
 - Delaware Township meeting was held and the project was well received.
 - Final plans, specifications and engineer's estimate were forwarded to N.J.D.O.T.
 - No utility relocation is necessary.
 - Project advertised for bid on October 11, 2012.
 - Bids were received on November 8, 2012 and the apparent low bidder is Rencor.
 - Project should be awarded today, December 18, 2012.

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.

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 C.E.D. was approved by N.J.D.O.T.
 - Final report and plans were reviewed by H.P.O. and the plans were approved.
 - Schedule submitted. The utility agreements have been ascertained.
 - Permit application package for N.J.D.E.P. was submitted.
 - Environmental evaluation update completed.
 - 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 will be advertised on December 13, 2012.
 - Project schedule submitted to N.J.D.O.T. Bids will be taken on January 31, 2013.

8. **Bridges K-110 and K-111, Kingwood Township:**
 - Application for concept development made to N.J.T.P.A.
 - 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.
 - 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.

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.
 - Public Information Meeting needs to be scheduled concerning R.O.W. acquisition.
 - Final plans have been reviewed by the consultant and modifications to plans and specifications are needed.

DISCUSSION:

Storm Update Miscellaneous:

- FEMA data and application was submitted for Hurricane Sandy.
- D.E.P. permit filed for Hurricane Irene.