

**DEPARTMENT OF PUBLIC WORKS  
DIVISION OF ROADS, BRIDGES AND ENGINEERING  
REPORT TO THE BOARD OF CHOSEN FREEHOLDERS  
Tuesday, September 3, 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.
- Plans were submitted to N.J.D.O.T. on July 9, 2013.
- The grant agreement will be on the August 20, 2013, Freeholder agenda.

**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. document approved.
- Plans and specifications were submitted to N.J.D.O.T., revisions are needed.

**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.
- Utility work is complete.
- Punchlist items are 98% complete.
- The project received the "H.A.R.T." award.
- Project substantially complete.

**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. Preliminary plans are complete.
- C.E.D. document was approved.
- Final plans and specifications were submitted to N.J.D.O.T. – Local Aid.
- Comments were received from N.J.D.O.T., revisions are necessary.

**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.
- Surface treatment.
- Project was rescheduled 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.
- Construction started on February 11, 2013 on County Route 609.
- Punchlist items commencing.
- Project is substantially complete.
- Topsoiling and seeding to be finished in the fall.

### **2013 Surface Treatment Program (Chip Seal Program):**

- Scheduled to be authorized by the Freeholders on May 7, 2013.
- Bids were received on June 13, 2013.
- Apparent low bidder is Top Line Construction Corp.
- Preconstruction meeting held on July 2, 2013.
- Project is commencing.
- Construction started on July 23, 2013.
- County Route 645 – County Route 519b are in the process of being chip sealed.
- Milling is commencing on County Route 579.

### **BRIDGES:**

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

- Design consultant is IH Engineer PC.
- Plans were forwarded to Clinton Township and the historic committee.
- S.C.S. permit approved.
- D.E.P. permit was received.
- S.A.G.E. application completed.
- Preliminary plans were submitted and are under review, revisions will be necessary.

#### **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.
- Utilities were advised of the construction project and relocation is complete.
- 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 held March 18, 2013.
- Construction started on July 8, 2013.
- Clearing of site is completed and construction of substructure is commencing.
- Stay in place cofferdams are under construction.

#### **Bridges K-110 and K-111, Kingwood Township:**

- Letter was received from N.J.T.P.A. stating that the project was denied.
- RFP is being prepared.

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

- The design professional is Malick & Scherer.
- Alternative report was completed for the alignment and preferred superstructure.
- Inter-County agreement executed by the Hunterdon County and Warren County Freeholders.

- Alternative analysis was submitted to H.P.O. on April 12, 2013. The report was reviewed by H.P.O. in May 2013, awaiting a response.

**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.
- Received the alternative analysis, it is being reviewed.
- Test pits were completed and tie rods were discovered.
- Borings are completed and geotechnical report is being prepared.
- Received the alternative analysis, it is being reviewed.

**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.
- H.C. Constructors, Inc. is the contractor.
- Project is substantially completed.
- Topsoiling and seeding need to be completed.

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

- Final alignment for roadway was developed and discussed with various parties.
- Final plans are being revised.
- 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.
- Plans were submitted to H.P.O., received a "no impact" status letter.
- Detour plans have been approved by N.J.D.O.T.

**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.
- Historical and Archeological Phase I Study is required. A contract modification was executed. Expect phase one study by the end of August.
- Storm water management plan is being revised.

**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.
- 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. authorizing the bidding of the project.
- Bids were taken on August 29, 2013. Persistent Construction is apparent low bidder.

**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 is under design.
- Funding application made for project – 2013.
- Additional application made to N.J.D.O.T. for funding.
- Permit expires on August 13, 2014.
- Abutment walls have been designed.

## **IN HOUSE PROJECTS:**

### **County Culvert C-33, Tine Road, Clinton Township:**

- Precast panels set.
- Construction started on August 14, 2013.
- Re-laying all of the wing walls.
- Paving and reopening of roadway scheduled for this week.

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

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

### **County Culvert FU-5, County Route 513-Pittstown-Clinton Road, Franklin and Union Township:**

- Field work is complete.
- Application for D.E.P. permits is being prepared.
- Sketch plan has been submitted to discuss project with property owners.

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

- Field work complete for HA-11. Final design is complete.
- Construction commenced on August 19, 2013, for +/- 3-4 weeks.
- Guiderail installation commencing. Culvert closed this week, during working hours only.

### **Bridge K-138, Union Road, Kingwood Township:**

- Structure is under design.

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

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

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

- Reconstruction of culvert.
- Revising plans to include stone facing and preparing contract documents.
- Permit was received from D.E.P.
- Apparent low bidder is Reivax Contracting Corp.
- Contract to be awarded on May 7, 2013.
- Preconstruction meeting held on May 2, 2013.
- Construction to commence on June 19, 2013.
- Demolition of structure is complete.
- Foundation excavation is complete.
- Precast arch has been fabricated.
- Construction of footings is completed.
- Precast arch is being delivered on August 20, 2013.
- Construction of wing walls and parapet complete, backfilling commencing.

### **Bridge U-20, Baptist Church Road, Union Township:**

- Deck replacement.
- Stringer replacement.

**Bridge U-36, Van Syckles Corner Road, Union Township:**

- Shop fabrication has begun approximately four (4) weeks before steel is sent out to be galvanized.

**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. Preliminary design is +/- 95% complete.
- County Route 639, Clinton Township, Hamlet of Cokesbury. Project is under construction.
- 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.

**Communications Parking Lot:**

- Resurfacing and reconstruction of parking lot is 90% complete.
- Roadway improvements are being developed.

**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.
  - Construction to commence 2014.
  - 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. is +/- 60% complete.
  - Meeting held with consultant concerning storm water management plan.
  - Test pits were completed for the proposed storm water basin. Basin location is good. Consultant has revised the N.J.D.E.P. permit and resubmission is pending.
  - Consultant has completed application and plans for mitigation of transition zone.
  - IPP has agreed to Environmental Mitigation Easement location: (+/- 1 acre) submittal to D.E.P. for approval.
  - Green Acres application has been reviewed and revisions are necessary.
  - Contract modification is needed for R.O.W. and storm water improvements.
  
2. **Bridge F-45, Whitebridge Road, Franklin Township:**
  - N.J.D.O.T. authorized a preconstruction meeting which was held on May 23, 2013.
  - The general contractor and subcontractor submitted the AA documentation to N.J.D.O.T. and they were accepted.
  - Material Questionnaire form (DC-51) was submitted to N.J.D.O.T. and approved.
  - Construction commenced on June 11, 2013.
  - The old structure was removed.
  - Construction of substructure is commencing.
  - Big R Bridge has been approved as the fabricator.
  - Shop drawings have been reviewed and revisions are necessary.
  
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.
  - N.J.D.O.T. is requesting that the County give consideration to taking over the bridge when this project is completed.
  - Scoping 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 N.J.D.O.T. and F.H.W.A. in early May 2013.
  - 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.
  - Public Information Center was held on May 22, 2013 at the Bloomsbury Firehouse.

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. appraisals and offers were sent to property owners and negotiations are ongoing.
  - N.J.D.E.P. permit extension was granted until June 2015.
  - 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 were received and comments were forwarded to consultant. Environmental Evaluation document was submitted and revisions made and forwarded to N.J.D.O.T.
  - Design consultant requested a no cost contract modification.
  - R.O.W. negotiations are ongoing.
  - Have received N.J.D.O.T. review comments and comments have been forwarded to consultant.
  
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.
  - Project commenced on April 23, 2013.
  - Bridge was moved on June 25, 2013; it has been dismantled and delivered to fabricator.
  - Stone masonry construction is commencing.
  
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.
  - A meeting was held with N.J.D.O.T. and F.H.W.A. to approve and authorize preferred plan.
  - Geotech sub-consultant was approved.
  - A revised C.E. document was submitted.
  - Environmental Evaluation document was submitted.
  - Meeting held with affected property owner.
  - Public Information Meeting held on June 5, 2013 at 6:30 p.m. at the Clinton Town Municipal Building. Project was well received.
  - Advancing to R.O.W. authorization.
  
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 complete.
  - Project concurrence from N.J.D.O.T. was received.
  - Preconstruction meeting held on May 3, 2013.

- Construction commenced on May 20, 2013.
- Flooring System removed and steel delivered to Route 12 Garage.
- Trusses were removed on June 10, 2013 and forwarded to fabrication.
- Meeting held at fabricator on June 20, 2013, fabrication is commencing.
- East and west scour protection has been completed.
- Construction on wing walls is complete.
- Roadway construction is commencing.

## **INTERSECTION DEVELOPMENT PROJECTS:**

1. County Routes 512 and 513:
  - Plans were forwarded to the Borough of Califon and the Municipal Engineer for comment. Authorization from N.J.D.O.T is required.
  - Utility company was contacted. JCP&L has reset pole.
  - 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.
  - Bids were received on January 23, 2013. Apparent low bidder is Reivax Contracting Corp.
  - Preconstruction meeting is scheduled for May 23, 2013.
  - Affirmative Action Plan and material questionnaire were approved.
  - Subcontractor needs to submit Affirmative Action Plan.
  - Construction started on July 9, 2013.
  - Project is substantially complete.
  - Punchlist items are commencing.
  - N.J.D.O.T. has done a site inspection and has created a punchlist.
  
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 were notified.
  - Property owners executed R.O.W. Agreement and R.O.W. has been ascertained.
  - Final plans and specifications were reviewed, revisions are necessary.