

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

**ROADWAYS:**

**County Route 519, Bridge Street to Milford Borough Line:**

- Funding for project was approved by N.J.T.P.A. - High Risk Rural Roads (H.R.R.R.).
- Resurfacing, centerline rumble strips and pavement markings.
- C.E.D. was submitted.
- N.J.D.O.T. comments were received on June 4, 2012 and revisions are being made and will be submitted.
- Plans are being modified to meet A.D.A. requirements.

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

- N.J.D.O.T. Transportation Trust Fund 2011.
- English Paving Company is the contractor.
- RPMS installed.
- Pavement repairs are needed on County Route 517.

**County Route 579, Ringoes:**

- Project was well received by officials and residents.
- Public Information Center was held on August 17, 2011, to discuss the township sidewalk project and county resurfacing project.
- Plans and specifications were submitted to East Amwell Township for review.
- 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 S.H.P.O and Local Aid on July 2, 2012 and comments are being addressed. A Phase I Historic Assessment Report is being prepared by Hunter Associates.
- East Amwell Township has received an extension to January 2013.

**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 needed by the fall of 2012 is pending.

**Transportation Trust Fund Projects FY2012:**

**County Route 523-Lamington Road, from County Route 517 to Somerset County Line, Tewksbury Township:**

- Preliminary plans and specifications were reviewed and minor revisions are required.
- Preliminary plans sent to Tewksbury Township on June 4, 2012.
- Highlands Exemption Determination (Planning Area) Application needs to be submitted.

**County Route 609, County Route 514 to County Route 602, East Amwell Township:**

- Resurfacing, drainage improvements and shoulder stabilization.
- S.A.G.E. application for Transportation Trust Fund submitted.
- Design should be completed by the end of the month.

### **2012 Surface Treatment Program:**

- Project has commenced.
- Mannon Excavating & Paving Co., Inc. is the Contractor.
- Roads completed: County Route 651, County Route 519, County Route 616, County Route 513 and County Route 579.
- Surface treatment to commence on County Route 643 and County Route 635.

### **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.
- Plans and application submitted to D.E.P.

#### **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 to be advertised on June 19, 2012.
- Utilities were advised of the construction project and are developing a plan.
- Specifications for E-140-M are complete.
- Sage application will be submitted for the Hunterdon County share (pending by State).
- Project needs to be bid.

#### **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.

#### **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.
- Reconstruction and pointing of masonry walls are +/-90% complete.
- Anticipated completion is summer 2012.
- Change order was approved for additional work.
- Stone work is ongoing. Capstones are ordered.

#### **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.
- The York Fence Company has installed the fence.

- Detour plan needs a permit from N.J.D.O.T.

**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 submission should be made in September 2012.
- Soil borings for water quality basin were completed.
- Pavement cores taken in shoulder of pavement and data were forwarded to the 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. is in place.
- Final plans and specifications were reviewed and approved.
- 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.
- Somerset County is completing the final review.

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

- N.J.D.O.T. Bridge Funding project for 2011. Sage application was submitted.
- Total reconstruction of bridge and approach roadway.
- Final plans and specifications are complete and were forwarded to N.J.D.O.T.
- Permit was approved by N.J.D.E.P.
- Low bidder is Reivax Contracting.
- Preconstruction meeting held on May 30, 2012.
- Substructure is complete.
- Pre-stress beams should be constructed by September 20, 2012.

**2012 Bridge Painting:**

- J-1, Main Street, Borough of Califon (commenced painting).
- E-233, Cider Mill Road, East Amwell Township (completed).
- Q-11, County Route 523, Raritan Township (commenced painting).

With Alternate:

- Inter-County Bridge I-3-W, Church Street, Borough of Bloomsbury, Hunterdon County and Greenwich Township, Warren County (commenced painting).

**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 – 2012.
- Additional application made to N.J.D.O.T. for funding.

**IN HOUSE PROJECTS:**

**Bridge T-85A, Old Mountain Road, Tewksbury Township:**

- Project commenced.

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

- Concrete deck slabs design is complete.
- Slabs need to be 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 T-59, Cold Spring Road, Tewksbury Township:**

- Project under construction.

**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.
- Public comments will be addressed as they are received. Comment period is over.
- Application for Project Authorization was submitted to H.P.O. on June 19, 2012, and a formal decision determined that the project must be presented to the Historic Sites Council. Presentation to the Historic Sites Council is scheduled for October 18, 2012.
- Revising plans to include stone facing and preparing contract documents.

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

- Field work is complete.
- Design a concrete box culvert to reconstruct culvert.
- Design is +/- 50% 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.

**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. Meeting scheduled with Stockton Borough Engineer on August 14, 2012, to review Scope of Work. Scope of Work needs to be revised.

**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 design team was held to discuss issues raised.
  - Meeting with Green Acres was held on April 19, 2012. Green Acres supports eliminating storm water treatment within parklands. Meeting was held on June 6, 2012 with N.J.D.E.P. to discuss storm water basin. Additional information is needed.
  - 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.
  
2. **Bridge F-45, Whitebridge Road**
  - N.J.D.E.P. and Green Acres permit applications were submitted.
  - Utility meeting was held and modified plans were submitted to Utilities.
  - Franklin Township comments were incorporated within plans.
  - 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.
  
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.

- 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:**
- 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 should be received this month, September 2012.
  - Revised R.O.W. documents will be completed after N.J.D.E.P. permits are received.
5. **Bridge D-300, Raven Rock-Rosemont Road:**
- 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.
6. **County Route 513, Exit 15-Interstate 78:**
- Jacobs Engineering Inc., (formerly Edwards & Kelcey) is the Design Consultant.
  - A.P.E. Report has received approval.
  - Final C.E.D. approved by N.J.D.O.T. and the Federal Highway Administration.
  - Design is scheduled for 2011. Draft of Scope of Services has been revised and forwarded to N.J.D.O.T. and N.J.T.P.A. Proposal is being reviewed by N.J.D.O.T.
  - Jacobs Engineering Inc. has prepared a proposal for Value Engineering.
  - The environmental reevaluation is being reviewed by N.J.D.O.T.
  - D.B.E. goal set at 15.7%.
  - Authorization to approve final design contract.
  - Wetlands report is being developed.
  - Updated traffic report is being prepared.
  - Local meeting needs to be scheduled.
  - Status design meeting was held April 20, 2012.
  - 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.
7. **Bridge RQ-179:**
- 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 is expected.
  - S.C.S. certification received.

## **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.
  - 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.
  - A preliminary plan was reviewed and comments were 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.

## **DISCUSSION:**

### **Storm Update Miscellaneous:**

- F.H.W.A. funding application was completed and forwarded to N.J.D.O.T. – Bureau of Local Aid. Additional information is needed.
- FEMA data and application was completed. Additional information is requested.