

**HUNTERDON COUNTY DEPARTMENT OF ROADS, BRIDGES AND ENGINEERING**  
**REPORT TO THE BOARD OF CHOSEN FREEHOLDERS**  
**Tuesday, November 15, 2011**

**ROADWAYS:**

**County Route 519, State Route 12 to County Route 513:**

- Project was bid and the apparent low bidder is Intercounty Paving.
- The preconstruction meeting was held on September 8, 2011.
- Tree trimmings – completed.
- Repairing and reconstructing inlets this week.
- Milling and resurfacing to commence the first week of December.

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

- Funding for project was approved by N.J.T.P.A. - High Risk Rural Road.
- Resurfacing, centerline rumble strips and pavement markings.
- C.E.D. was submitted.

**County Route 519 and County Route 650:**

- Owl Contracting is no longer in business. The bonding company will complete the project.
- Guiderail is completed.
- Bonding company took control of project. Punchlist items to be completed by Hunterdon County after payment is made by the bonding company.

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

- N.J.D.O.T. Transportation Trust Fund 2011.
- S.A.G.E. application was approved.
- Bids were received and the apparent low bidder is English Paving Company.
- The preconstruction meeting was held on September 7, 2011 at 11:00 a.m.
- Construction commenced on October 7, 2011.
- County Route 517 roadway patching and resurfacing will be completed by Friday, November 18, 2011 or Monday, November 21, 2011.
- Reconstruction of inlets on County Route 523 is currently underway.

**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. East Amwell Township application for sidewalk construction was approved by N.J.D.O.T. A meeting was held on March 22, 2011. Phasing of the project sidewalks is being discussed.
- Public Information Center was held August 17, 2011, 6:00 p.m. – 7:30 p.m., to discuss the township sidewalk project and county resurfacing project.

**County Route 609, County Route 514 to County Route 602:**

- Field work is 85% complete.
- Resurfacing, drainage improvements and shoulder stabilization.
- Transportation Trust Fund Project FY 2012.

**BRIDGES:**

**Bridge E-140-M and E-142-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 for E-140-M were submitted for final review.
- Utilities were advised of the construction project and are developing a plan.
- E-142-M was significantly damaged from Hurricane Irene.
- The Contractor is Sparwick Contracting, Inc.
- Preconstruction meeting for emergency reconstruction of E-142-M held on September 23, 2011.
- Construction commenced on October 6, 2011.
- Precast Concrete Box was set on Friday, November 11, 2011.
- Storm drainage and wingwalls are under construction.

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

- The design professional is Malick & Scherer.
- Field survey complete.
- Alternative report is being completed for the alignment and preferred superstructure.
- Inter-County agreement executed by the Hunterdon County and Warren County Freeholders.
- Progress meeting held on October 6, 2011, will complete revised plans.

**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 low bidder.
- Warren County held a preconstruction meeting on Thursday, April 14, 2011.
- The construction schedule has been submitted.
- The bridge will close in June 2011.
- Reconstruction and pointing of masonry walls are +/-90% complete.
- Work will continue until winter sets in.

**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.

**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.
- Soil borings for water quality basin were completed.
- Pavement cores taken in shoulder of pavement and data were forwarded to the Consultant.
- Green Acres issue needs to be addressed with the townships. A meeting was held on February 8, 2011 and the project was satisfactorily received.

**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 need to be reviewed.
- The Inter-County Agreement was executed by Somerset County and the Hunterdon County Freeholders will approve 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. Sage application was submitted.
- Total reconstruction of bridge and approach roadway.
- Field work and preliminary design are completed.
- Permit application was resubmitted to N.J.D.E.P.
- Notifications were forwarded to property owners and municipality.

### **Bridge Painting 2011:**

- E-228, Rainbow Hill Road, East Amwell Township, punchlist items need to be completed.
- N-1, Main Street, Town of Clinton – 85% complete.

#### With Alternates:

- RT-16, County Route 523, Readington and Tewksbury Townships - completed.
- Culvert L-26, Buffalo Hollow Road is in lieu of Bridge W-86, Lake View Road, West Amwell Township - completed.
- Construction to commence on August 2, 2011.

### **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.

### **IN HOUSE PROJECTS:**

#### **Culvert A-31, Mt. Salem Road, Alexandria Township:**

- Field work is complete.
- Final design and permit application submitted to N.J.D.E.P. on February 22, 2011.
- Permit was received from N.J.D.E.P.
- Easement for project has been ascertained.
- Oldcastle Precast, Inc. is manufacturing concrete boxes. Delivery date is December 5, 2011.

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

- Reconstruction of culvert.
- Field work and drafting is 100% completed.
- Design work is underway +/- 80% completed.

#### **Drainage Projects**

- County Route 635, Bethlehem Township, north of Mine Road.
- County Route 604, East Amwell Township field work and design are completed.
- County Route 617, Raritan Township extension through Barton Hollow Road.
- Plans and specifications approved by the Freeholders.

#### **The Following Drainage Projects will be Bid as one project: Drainage 2011**

- County Route 513, Franklin Township construction commenced – 65% completed.
- County Route 519, Kingwood Township is substantially completed.
- County Route 601, Mt Airy is substantially completed.
- Tillerman Landscaping, LLC. Is the Contractor.
- Preconstruction meeting was held on June 14, 2011.

**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 and this office provided comments on November 16, 2010.
  - R.O.W. authorization to be acquired in 2012.
  - Construction to commence 2013.
  - Contract modification was tentatively approved by N.J.D.O.T. Documents requested by N.J.D.O.T. for D.B.E. requirements were forwarded and tentatively approved.
  - Contract signed September 21, 2011.
  
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 has forwarded correspondence to property owner.
  - Final plans and specifications were received on November 14, 2011.
  - Statehouse commission approved N.J.D.E.P. diversion for R.O.W.
  
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 to be submitted to D.E.P. N.J.D.O.T. comments received on Alternative Study.
  
4. **Bridge E-174:**
  - N.J.D.E.P. permit reapplication was reviewed and forwarded to Consultant. Wetlands and Stream Encroachment Permits approved.
  - R.O.W. acquisition was authorized by N.J.D.O.T.
  - N.J.D.E.P. application was resubmitted. East Amwell Township has provided a resolution of support and comments were received and need to be addressed.
  - Revised R.O.W. documents are being prepared.
  
5. **Bridge D-300, Raven Rock-Rosemont Road:**
  - Scoping phase completed.

- Design authorization received from N.J.D.O.T. and the contract was executed by the Design Consultant.
- Progress design plans were received and were reviewed. Copy of plans was forwarded to Delaware Township.
- Structural retrofit is being developed.
- Rail system is being developed.
- Additional funding for construction was requested from N.J.T.P.A.
- Delaware Township meeting was held and the project was well received. The Consultant will be commencing the final design.

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.
- Kick off meeting with Jacobs Engineering Inc. scheduled for November 16, 2011 at 9:30 a.m.

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 design proposal was approved and forwarded to the Purchasing Department for a contract.
- Final report and plans were reviewed by H.P.O. and the plans were approved.
- Consultant working on final design.
- Project plans were received and are being reviewed.

## **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.
  - Preliminary construction plans are being reviewed.
  - Highlands Commission has exempted the project.
  - Application for funding was made to N.J.T.P.A. High risk accident area.
  - Funding will be available. C.E.D. was submitted.
  
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.
  - A public meeting was held on January 13, 2010 at the Route 12 County Complex.
  - 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. appraisals are complete and the Freeholders' authorized the release of offers to the property owners.

## **DISCUSSION:**

### **STORM RECOVERY UPDATE:**

#### **Bridges:**

- **C-81**, Old Allerton Road, County Route 633, Clinton Township, culvert footing needs to be reconstructed. Field work is complete.
- **E-142-M**, County Route 518, East Amwell Township, Hunterdon County and Hopewell Township, Mercer County, Contractor: Sparwick Contracting, Inc. Construction starting October 6, 2011.
- **HA-14**, Sweet Hollow Road, Holland Township and Alexandria Township, reconstruction of culvert. Construction will commence on Monday, November 21, 2011.
- **Q-86**, Old Clinton Road, Raritan Township: Q-86 is completed and open.
- **U-14**, Main Street, Union Township: the north abutment is completed and the south abutment is under construction.
- **X-6**, Mine Road, High Bridge, culvert needs to be reconstructed. Field work is complete.

#### **Roads:**

- County Route 519, Holland Township: project is completed.
- County Route 523, Borough of Stockton, drainage system and guiderail reconstruction. Clean up is underway.

#### **Miscellaneous:**

Bridge Scour Inspections are commencing.

F.H.W.A. field visit of storm damage is scheduled for the near future.