

**DEPARTMENT OF ROADS, BRIDGES AND ENGINEERING
REPORT TO THE BOARD OF CHOSEN FREEHOLDERS
Tuesday, September 20, 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 is scheduled for September 8, 2011 at 10:00 a.m.
- Construction starts on September 28, 2011.

County Route 519, Bridge Street to Milford Borough Line:

- Application for funding was made to N.J.T.P.A. - High Risk Rural Road.
- Resurfacing, centerline rumble strips and pavement markings.

County Route 519 and County Route 650:

- Owl Contracting is no longer in business. The bonding company will complete the project.
- Meeting held with bonding company on April 6, 2011. The bonding company is taking the project over.
- Guiderail and RPM's to commence September 21, 2011. Pavement marking and punchlist items need to be completed.

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.
- The anticipated start date is October 5, 2011.

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 25% complete.
- Resurfacing, drainage improvements and shoulder stabilization.

County Route 619 (Harrison Street), Frenchtown, Seventh Street to Alexandria Township Limit:

- Frenchtown Borough has selected the color shoulder treatment.
- Project is substantially completed.
- Reivax Contracting Corp. completed punchlist.

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 were reviewed and need to be revised for E-140-M, 90% complete.

- Utilities were advised of the construction project. Site meeting needs to be scheduled to discuss gas line and utility pole relocation.
- E-142-M was significantly damaged from Hurricane Irene.
- Preconstruction meeting for emergency reconstruction of E-142-M is scheduled for this Friday, September 23, 2011, at 8:30 a.m.
- The Contractor is Sparwick Contracting, Inc.

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.

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.

Bridge Q-168 Pennsylvania Ave, Raritan Township:

- Final alignment for roadway was developed and discussed with various parties.
- Preliminary Plan is 100% complete.
- 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.
- Design change order is necessary to address Green Acres and other issues.

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 forwarded to Consultant for revision, +/- 95% complete.
- The Inter-County Agreement was executed by Somerset County and the Hunterdon County Freeholders will approve the agreement on April 19, 2011.
- The funding for the project is in place for 2011.

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 made to N.J.D.E.P.
- Notifications were forwarded to property owners and municipality.

Bridge W-124, Alexauken Creek Road, West Amwell Township

- Cherry, Weber & Associates is the Design Consultant.
- The relocation of the utilities was completed.
- Plans forwarded to West Amwell Township. No comments were received.
- N.J.D.E.P. permits were received.
- Kalogridis Contracting LLC is the Contractor.
- Concrete box beams set.
- Concrete deck complete.
- Approach roadway to be completed second week of October 2011.

Bridge Painting 2011:

- E-228, Rainbow Hill Road, East Amwell Township.
- N-1, Main Street, Town of Clinton.

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.

Culvert U-18, Race Street, Union Township:

- Reconstruction of culvert.
- Field work and drafting is 100% completed.
- Design work is underway +/- 50% 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 field work and final design are complete.
- County Route 519, Kingwood Township is substantially completed.
- County Route 601, Mt Airy, should be completed this week. Additional work is needed. Change order total is \$26,963.48. The extra work should be completed by the end of the week.
- Tillerman Landscaping, LLC. Is the Contractor.

- Preconstruction meeting was held on June 14, 2011.
- Start of construction is July 11, 2011.

Surface Treatment Project 2011:

- Specifications are being completed.
- Trap Rock Industries, Inc. awarded contract.
- Project should commence July 11, 2011.
- The Parks Department trails are under construction.

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.

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.
 - Plans and specifications were reviewed and comments forwarded to Consultant.
 - 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.
 - Alternative study submitted with Memorandum of Agreement.

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 submitted. 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.
 - N.J.D.E.P. meeting scheduled for September 7, 2011 at 1:30 p.m.

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 is requesting a meeting to discuss the project.
- Report was forwarded to H.P.O.

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.
- Certification of contract modification.

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.

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.
 - It appears that funding will be available.
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. and parcel maps were approved and forwarded to Purchasing for an appraisal.

FEDERAL AID STIMULUS PROJECTS

1. County Route 512:
 - Schifano, Inc. is the Contractor.
 - County Route 512 is completed.
 - Corrective work was completed. N.J.D.O.T. close out documents are required.
 - Schifano, Inc. completed re-coring project on April 6, 2011.
 - Core results received and adjustment to final payment will be made.
 - Field inspection by N.J.D.O.T. completed on March 15, 2011.

County Route 517:

 - From 200' south of County Route 512 to Morris County Line.
 - County Route 517 is completed.
 - Corrective work was completed. N.J.D.O.T. close out documents are required.
 - Schifano, Inc. completed re-coring project on April 6, 2011.
 - Core results received and adjustment to final payment will be made.
 - Field inspection by N.J.D.O.T. completed on March 15, 2011.
2. County Route 623:
 - N.J. Route 31 to Kent Court
 - County Route 623 is completed. N.J.D.O.T. close out documents are required.
 - Field inspection by N.J.D.O.T. completed on March 15, 2011 and final Federal audit completed on May 16, 2011.
 - F.H.W.A. payment should be forwarded shortly.

County Route 625:

 - County Route 513 to N.J. Route 173.
 - County Route 625 is completed. N.J.D.O.T. close out documents are required.
 - Field inspection by N.J.D.O.T. completed on March 15, 2011 and final Federal audit completed on May 16, 2011.
 - F.H.W.A. payment should be forwarded shortly.

DISCUSSION:

Schick Property, Parks Department:

- D.E.P. permit received.

STORM RECOVERY UPDATE:

Bridges:

- E-142-M, County Route 518, East Amwell Township, Hunterdon County and Hopewell Township, Mercer County, Contractor: Sparwick Contracting, Inc.
- F-87, County Route 617, Franklin Township, Contractor: Mannon Excavating.
- HA-14, Sweet Hollow Road, Holland Township and Alexandria Township, reconstruction of culvert.
- Q-86, Old Clinton Road, Raritan Township, wingwall construction and side slope restoration.
- U-14, Main Street, Union Township, north abutment reconstruction.

Roads:

- County Route 519, Holland Township, 750 shot rock is required for side slope stabilization.
- County Route 523, Borough of Stockton, drainage system and guiderail reconstruction.

Miscellaneous:

- Debris removal should be completed by the end of week.
- +/- 2000 tons of shot rock delivered to various sites (+/- \$100,000.00).