

DEPARTMENT OF ROADS, BRIDGES AND ENGINEERING
REPORT TO THE BOARD OF CHOSEN FREEHOLDERS
Tuesday, February 21, 2012

ROADWAYS:

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

- Intercounty Paving is the contractor.
- Resurfacing is completed.
- Punchlist items will be completed in the spring of 2012.

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.
- H.R.R. R. meeting is scheduled for January 11, 2012, with N.J.D.O.T. regarding development of plans and specifications.

County Route 519 and County Route 650:

- Owl Contracting is no longer in business. The bonding company will complete the project.
- The NJ State Police claim for traffic control services is the responsibility of the bonding company.
- Final quantities were agreed to with the bonding company.

County Route 523 from County Route 517 to Somerset County Line:

- Transportation Trust Fund Project FY2012.
- Field work is completed.

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, topsoiling and seeding are punchlist items.

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.
- Final plans are being reviewed.
- The property owners have agreed to have the trees removed.
- Quotes for the work are being reviewed.

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

- Field work is 100% complete.
- Resurfacing, drainage improvements and shoulder stabilization.
- Transportation Trust Fund Project FY 2012.
- S.A.G.E. application for Transportation Trust Fund submitted.

BRIDGES:

Bridge C-26 Cratetown Road, Clinton Township

- Design Consultant is IH Engineer PC.
- Preliminary field work has commenced.
- Field meeting was held with Clinton Township Officials on January 18, 2012.
- Comments concerning project reports were addressed.
- An Alternative Design Report is being completed for the Public Meeting.

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 reviewed and revisions are needed by consultant.
- Utilities were advised of the construction project and are developing a plan.
- Specifications for E-140 are being reviewed.
- The contractor is Sparwick Contracting, Inc.
- Topsoiling and seeding are punchlist items for Bridge E-142-M.

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 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 contractor.
- Reconstruction and pointing of masonry walls are +/-90% complete.
- The project was winterized. Construction will commence on June 15, 2012.
- Anticipated completion is summer 2012.

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 submission should be made in the spring.
- 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. Plans are being developed.

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 comments were forwarded to the Consultant.
- 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.
- Final plans and specifications are being reviewed.
- Permit was approved by N.J.D.E.P.
- Notifications were forwarded to property owners and municipality.

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 HA-11, Sweet Hollow Road, Townships of Holland and Alexandria:

- Field work complete for HA-11.

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

- Deck replacement.

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 D.E.P.

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.

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.
 - Construction to commence 2013.
 - Contract modification was approved by N.J.D.O.T.
 - Soil boring is scheduled for mid March.

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 are being reviewed. Sent to N.J.D.O.T.-Local Aid for review.
 - 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 was submitted to D.E.P. and N.J.D.O.T.
 - Alternative Study was resubmitted.
 - Draft 4-f was submitted.

4. **Bridge E-174:**
 - N.J.D.E.P. permit reapplication was reviewed and forwarded to Consultant. Wetlands and Stream Encroachment Permits have not been received.
 - 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. (Mr. Peter DeMeo of N.J.D.E.P. is the reviewing agent.)
 - Revised R.O.W. documents are being prepared.
 - Updated schedule received.

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.
- Updated schedule received. The utility agreement is needed.

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. held on November 16, 2011.

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.
- Schedule submitted.
- The utility agreements and temporary construction easement need to be ascertained.

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 Rural Roads (H.R.R.R.).
 - Funding will be available. C.E.D. was submitted.
 - H.R.R.R. meeting is set for January 11, 2012, with N.J.D.O.T. Plans and specifications are being revised.

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.
 - R.O.W. offer was forwarded to property owners. The County has received a response from the property owners and expects to hear from them in the near future concerning an offer.

DISCUSSION:

STORM RECOVERY UPDATE:

Bridges:

- **X-6**, Mine Road, High Bridge, culvert needs to be reconstructed. Field work is complete.

Roads:

- County Route 523, Borough of Stockton, drainage system and guiderail reconstruction. Clean up is substantially completed. A meeting is scheduled for February 9, 2012 at 5:30 p.m. to discuss action plan. The County has agreed to develop a scope of work for the study of the drainage issue.

Miscellaneous:

Bridge Scour Inspections are complete. One structure needs action.

F.H.W.A. funding application was completed and forwarded to N.J.D.O.T. – Bureau of Local Aid.

Four way stop will be activated at the intersections of Senator Stout Road and County Route 519, tomorrow, February 8, 2012. The NJ State Police and Delaware Valley Regional High School were notified.