

DEPARTMENT OF ROADS, BRIDGES AND ENGINEERING
REPORT TO THE BOARD OF CHOSEN FREEHOLDERS
Tuesday, May 15, 2012

ROADWAYS:

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

- Intercounty Paving is the contractor.
- Mechanic Lien filed by Flemington Bituminous.
- Seeding and mulch banks were completed.
- Final payment and release of claims should be submitted within two weeks.

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.
- The construction plans and specifications were forwarded to N.J.D.O.T.

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

- Transportation Trust Fund Project FY2012.
- Field work is completed.
- Design is 90% complete.

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 to be installed after pavement repair.
- Topsoiling and seeding are 90% complete.
- Pavement repairs scheduled for Monday, May 21, 2012.

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 executed by the township. Agreement is on the Freeholders' Agenda for May 1, 2012.

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.
- Design is +/- 45% complete.

County Route 637-Readington Road, Readington Township, Hunterdon County and Branchburg Township, Somerset County:

- Joint project with Somerset County.
- Public Information Meeting will be scheduled in the near future.
- Comments were forwarded to the consultant and Somerset County.

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.

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 for E-140-M were reviewed and revisions are needed.
- Utilities were advised of the construction project and are developing a plan.
- Specifications for E-140-M are complete.

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

- Needs concrete deck slabs.

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.

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. An additional start up meeting was held Friday, May 4, 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.
- Preliminary plans were reviewed and forwarded to the Consultant. L.U.R.P. is being prepared.

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 complete and were forwarded to N.J.D.O.T.
- Permit was approved by N.J.D.E.P.
- Notifications were forwarded to property owners and municipality.
- Bids were received on April 26, 2012. Apparent low bidder is Reivax Contracting.

Multi-Purpose Trail/Bridge Project, Echo Hill Park

- Alignment for Park Trial 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.
- Slab is designed.

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

- Design of deck is completed.

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.

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

- Field work is complete.
- Design a concrete box culvert to reconstruct culvert.
- Design is +/- 20% complete.

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 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.

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 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 with property owner concerning the Scope of Work was held on April 9, 2012. Comments will be addressed.

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.
 - Draft of 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.
 - Field meeting was held on March 8, 2012.
 - R.O.W. settlement is being prepared by counsel.
 - Utility meeting scheduled for June 18, 2012.

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 Scope of Work outlined for the final design is being prepared.

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.

- N.J.D.E.P. plans were forwarded on April 5, 2012.
- Revised R.O.W. documents should be completed within two weeks.

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.
- 90% of final plans, specifications and engineer's estimate were forwarded to N.J.D.O.T.
- 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.
- The utility meeting is scheduled for May 17, 2012.

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 scheduled for the first week in June.

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 and temporary construction easement need to be ascertained.
- 90% of final design plans were forwarded to N.J.D.O.T. and comments will be addressed.
- Permit application package for N.J.D.E.P. was submitted.
- Environmental evaluation update completed.

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.
 - 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 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.

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. Meeting was held with property owners on April 20, 2012 and the plans are being revised to reflect their comments.

DISCUSSION:

Storm Update Miscellaneous:

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