

DEPARTMENT OF ROADS, BRIDGES AND ENGINEERING
REPORT TO THE BOARD OF CHOSEN FREEHOLDERS
Tuesday, April 17, 2012

ROADWAYS:

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

- Intercounty Paving is the contractor.
- Mechanic Lien filed by Flemington Bituminous.
- Punchlist items are under construction.

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 will be 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 75% 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 to commence the week of April 23, 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.
- Trees were removed.
- Agreement between the county and East Amwell Township was executed by the township and needs Freeholder action.

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 has commenced.

- Comments concerning project reports were addressed.
- Public Information Meeting was held on April 4, 2012.
- Plans were forwarded to Clinton Township.

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 are being reviewed.

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, to be held in Mansfield Township, was scheduled for May 9, 2012 at 5:30 p.m.-7:00 p.m.

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.
- Preliminary plans for permitting are being reviewed.

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 will be received on April 26, 2012.

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.
- Design is 50% complete.

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. Revised plans were forwarded to N.J.D.E.P.
- Public Information Meeting is scheduled for April 25, 2012 at 6:00 p.m. at Union Township Municipal Building.

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:

- Meeting was held on March 13, 2012.
- County to prepare Scope of Work for drainage concerns on County Route 523 in Stockton Borough.

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 completed.
 - Meeting with design team was held to discuss issues raised.
 - Meeting with Green Acres is scheduled for April 19, 2012.
 - Meeting with property owner concerning the Scope of Work was held on April 9, 2012.

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 reviewed by N.J. D.O.T. and comments were forwarded to the design consultant.
 - Statehouse commission approved N.J.D.E.P. diversion for R.O.W.
 - Field meeting was held on March 8, 2012.
 - R.O.W. discussions are on going with the property owner.

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 was reviewed by N.J.D.O.T. and revisions are needed.
 - 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 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.
- 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.
- 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.
- Wetlands report is being developed.
- Updated traffic report is being prepared.
- Local meeting needs to be scheduled.

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.
- Permit application package for N.J.D.E.P. was submitted.

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 are being reviewed by 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.
 - 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 with property owners scheduled for April 20, 2012 at 8:30 a.m. at site.

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.

Storm Related Drainage Issues:

Milford Borough - Milford Creek Realignment During Storm:

- County facility not affected.
- Health Department inspected site and does not see a health issue.

Franklin Township:

- Bridge F-48.
- Large dam 750' upstream from bridge.
- If tree dam broke loose and came downstream, the result could damage bridge.

Delaware Township:

- Covered Bridge Road.
- Flooding issue on private property and public roads.

Stockton Borough:

- County Route 523 flooding issue and damage to easement area.