

DEPARTMENT OF ROADS, BRIDGES AND ENGINEERING
REPORT TO THE BOARD OF CHOSEN FREEHOLDERS
Tuesday, December 21, 2010

ROADWAYS:

County Route 513: Race Street to Frontage Road:

- Preliminary design will be forwarded to Franklin and Union Townships for comment.
- Milligan Farms to construct planned improvement along their frontage.
- Project on hold.

County Route 519 and County Route 650:

- Plans and specifications are being developed for Trust Fund Project 2010.
- Owl Contracting is the Contractor.
- Utility company needs to remove poles.
- County Route 650 is substantially completed.
- County Route 519 southern section to be winterized.
- Resurfacing from Church Road to Dennis Road should be completed by end of the week.

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 is being prepared.

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. Grant application for sidewalk construction was made to N.J.D.O.T. by East Amwell Township.

County Route 619, Seventh Street to Alexandria Township Limit:

- Plans are completed.
- H.P.O. comments received and will be addressed.
- Frenchtown Borough has selected the color shoulder treatment.
- Project to be programmed for a June 2011 start.
- Early April bid date is anticipated.

County Route 635 in the Boroughs of Hampton and Glen Gardner:

- Project completed.

BRIDGES:

2010 Painting of County Bridges:

- Project completed.
- Punchlist items need to be addressed.

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.
- E-142-M full structure replacement will require a N.J.D.E.P. permit. Contract modification was approved for Phase I Archaeology assessments. The Consultant, Richard Grubb & Associates, completed assessment and will forward to N.J.D.E.P. Permit application was submitted.
- Keller and Kirkpatrick is the design consultant.
- Plans forwarded to Townships and affected property owners for comments.

Bridge L-97-W Stephensburg Road, Lebanon Township:

- Warren County will lead the Rehabilitation Project and has received proposals for design.
- Keller and Kirkpatrick is the design consultant.
- Warren County met with Jonathan Kinney, H.P.O. on February 9, 2010. The Historic Council approved project. Project needs to be documented in accordance with the Interior Secretary Standards.
- Tentative construction to commence the summer of 2011.
- Final set of plans received and are in review.

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. documents were modified. County offer was accepted by the property owners. Final acquisition to be handled by County Counsel. Contract is being reviewed by property owner's counsel.
- Final engineering documents are being prepared.

Bridge R-123 Holland Brook Rd, Readington Township:

- Keller & Kirkpatrick is the design consultant.
- Kalogridis Contracting, LLC is the Contractor.
- Construction commenced on September 16, 2010.
- Superstructure is completed.
- Approach roadway and saw cutting deck is scheduled for this week.
- Guiderail to be installed December 30, 2010.

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.
- Meeting to discuss project status and schedule was held on November 17, 2010.
- Green Acres issue needs to be addressed with the townships.

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 were reviewed and comments were forwarded to Consultant.
- The Inter-County Agreement prepared by Somerset County needs to be executed.

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 is complete.

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

- Cherry, Weber & Associates is the Design Consultant.
- Utilities are under construction.
- Plans forwarded to West Amwell Township. No comments were received.
- N.J.D.E.P. permits were received.
- Design plans and specifications are being reviewed.
- Anticipate bidding the project in February 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.
- Bituminous concrete trail is proposed.
- Project on hold.
- Application for construction granted and authorized by the Board of Freeholders. N.J.D.O.T. has not responded to date to application.

IN HOUSE PROJECTS:

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

- Field work is complete.
- Final design and permit application are completed. Application to be made to N.J.D.E.P. as soon as the application fee is received.
- Alexandria Township received a set of preliminary alignment plans on August 3, 2010.

Drainage Projects

- County Route 513, High Bridge Borough is completed except for punchlist items.
- County Route 617, Raritan Township is completed.
- County Route 601, Mt Airy, authorization received from H.P.O.
- County Route 519, Alexandria Township field work is complete.
- County Route 513, Franklin Township field work is complete and final design is underway.
- County Route 604, East Amwell Township field work is completed.

SCOPING PROJECTS
LOCAL LEAD AND/OR N.J.T.P.A. PROJECTS
APPROVAL BY N.J.T.P.A. BUT ADMINISTRED 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.

2. **Bridge F-45, Whitebridge Road**
 - D.E.P. permit application was 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.
 - Appraisal report was received. Appraisal report forwarded to 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.
 - Public outreach needs to be scheduled for early 2011 inclusive of Bloomsbury Borough and Bethlehem Township.

4. **Bridge E-174:**
 - N.J.D.E.P. permit application approved. Wetlands and Stream Encroachment Permits approved.
 - R.O.W. acquisition was authorized by N.J.D.O.T.
 - Meeting with stakeholders held on October 20, 2010. Plans were generally favorably received.
 - Permit modification meeting with N.J.D.E.P. needs to be scheduled.
 - Revised plan discussed with stakeholders and the current design was received favorably.
 - R.O.W. authorized and construction date moved to 2013.

5. **Bridge E-166:**
 - Utility work is completed.
 - Bridge opened October 2010.
 - Bridge is substantially completed and punchlist items will need to be addressed.
 - Punchlist items will be completed in spring 2011.

6. **Bridge RQ-164 Rockafellows Mill Construction:**
 - Final construction plans, specifications and certification forwarded to N.J.D.O.T. Local Aid and authorization was received to go to construction.
 - Ritacco Construction, Inc is the Contractor.
 - Bridge was closed on March 29, 2010.
 - Project completion time extended to December 20, 2010.
 - Truss members are scheduled to be completed by December 7, 2010.
 - Floor system is 100% complete.
 - Paving is completed.
 - Project should be completed by January 10, 2011.

7. **Bridge D-300, Raven Rock-Rosemont Road:**
 - Scoping phase complete.
 - Design authorization received from N.J.D.O.T. and the contract was executed by the Design Consultant.
 - Preliminary design plans are being reviewed.
 - Structural field evaluation held October 8, 2010.
 - Rail system is being developed.
 - Additional funding will be requested from N.J.T.P.A.

8. **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.

9. **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 design kick off meeting held November 10, 2010.
 - Design team to complete an inspection in the near future.

INTERSECTION DEVELOPMENT PROJECTS:

1. County Routes 517/523:
 - Topsoil and seeding was completed.
 - Drainage issues need to be addressed.
2. 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 completed.
3. 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. application was submitted.
 - Elizabethtown Gas is developing a relocation plan.
4. County Route 523 and AM Best Driveway:
 - Preliminary design of signal has commenced.
 - Base map and frontage improvements are to be completed in-house and design will be forwarded to Consultant.
 - Field work and existing condition drawings are completed.

FEDERAL AID STIMULUS PROJECTS

1. County Route 512:
 - Schifano, Inc. is the Contractor.
 - County Route 512 is completed.
 - Corrective work was completed.

County Route 517:

 - From 200' south of County Route 512 to Morris County Line.
 - County Route 517 is completed.
 - Corrective work was completed.
2. County Route 623:
 - N.J. Route 31 to Kent Court
 - County Route 623 is completed.

County Route 625:

 - County Route 513 to N.J. Route 173
 - County Route 625 is completed.