

DEPARTMENT OF ROADS, BRIDGES AND ENGINEERING
Report to the Board of Chosen Freeholders
Tuesday, October 19, 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.
- Preconstruction meeting held on August 17, 2010.
- Utility relocation work is underway.
- Project to commence on September 27, 2010. County Route 650 curbing and drainage. County Route 519 drainage to follow.

County Route 523 from north of County Route 629 to Mountain Rd., Readington Township:

- N.J.D.O.T. Transportation Trust Fund 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. 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 complete.
- 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.

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

- Tilcon New York Inc. is the Contractor.
- Tilcon and Statewide punchlist items completed.
- Planting of trees needs to be completed in the near future.

2010 Resurfacing and Surface Treatment of County Routes 523, 579, 601, 602, 607, 620 and 639, in Various Townships

- Mannon is the Contractor.
- Punchlist items.
- County Route 579, Bloomsbury, should be completed Monday, October 25, 2010.
- Repair work needs to be scheduled for County Route 579 from Pittstown to County Route 614.

BRIDGES:

2010 Painting of County Bridges:

- Preconstruction meeting held on August 18, 2010.
- D-402, Whiskey Lane, Delaware Township
- K-87, Milltown Road, Kingwood Township: punchlist items.
- K-47, County Route 651, Kingwood Township: 100% complete.

- FC-72, Kiceniuk Road, Franklin and Clinton Townships: under construction.
- FC-80, Pine Hill Road, Franklin and Clinton Townships.
- L-90-W, Shoddy Mill Road, Lebanon Township.

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 should be submitted by the end of October 2010.

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.
- Demolition complete.
- South abutment footing to be completed tomorrow, October 20, 2010.
- Precast concrete beams should be completed by October 22, 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.
- New design schedule needs to be submitted.

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.
- Somerset County prepared an Inter-County Agreement for construction and the agreement needs to be reviewed by counsel.

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 90% completed and being reviewed.

Multi-Purpose Trail/Bridge Project, Echo Hill Park

- Alignment for Park Trial 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.
- Design and permitting is underway.
- Alexandria Township received a set of preliminary alignment plans on August 3, 2010.

Culvert E-163 (County Route 579), East Amwell Township:

- N.J.D.E.P. permit received.
- Construction cost estimate is being developed.
- Elizabethtown Gas Co. relocated gas main.
- Reconstruction of roadway should be completed by Friday, October 22, 2010 and project opened.

Bridge Q-86, Old Clinton Road, Raritan Township:

- Elizabethtown Gas Co. needs to reset gas line.
- Stream bank restoration for storm damage needs to be scheduled.

Drainage Projects

County Route 513 and County Route 617, High Bridge & Raritan: drainage plans and specifications are completed. Contractor is Z Brothers. County Route 513 is under construction. Project will commence November 1, 2010. Conflict water main will necessitate additional work and modified plans. Estimate of cost of extra work is \$30,000.00. County Route 601, Mt. Airy project approved by H.P.O. County Route 635, north of Mine Road, County Route 519, Alexandria Township and County Route 519, Delaware Township (design is 90% done). County Route 513 north of Lower Landsdown Road.

Sidewalk and Drainage Project, Gauntt Place, Community/Extension Services Building

- Project is complete.
- Punchlist items should be completed this week.

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.
 - Meeting was held with Holland Township and N.J.D.O.T. to discuss revised scope.
 - Environmental reevaluation approved by N.J.D.O.T. at status meeting on August 19, 2010.
 - Design Consultant is completing project in accordance with reduced scope.

2. **Bridge F-45, Whitebridge Road** – Kick off meeting for final design was held November 24, 2008 with Cherry, Weber & Associates.
 - 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 received.
 - Appraisal report was received and is being reviewed. Authorization from the Freeholders is needed to make the offer.

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.
 - Kick off meeting needs to be scheduled.

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 scheduled for October 20, 2010 at 4:00 p.m. Alignment for vertical and horizontal curve was modified.
 - Permit modification meeting with N.J.D.E.P. needs to be scheduled.
 - Met with owners of the Ridge at Back Brook and they are generally okay with plans. Consultant to review vertical curve.

5. **Bridge E-166:**
 - Utility work is completed.
 - Federal Authorizations were received for project.
 - Kyle Conti Construction, LLC is the Contractor.
 - Storm drainage completed.
 - Final pavement scheduled for this week.
 - Stone veneer work is complete.
 - Additional fence posts and rails are needed.
 - Tentative date for opening is October 27, 2010.

6. **Bridge C-88:**
 - Punchlist items need to be completed.

7. **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 November 1, 2010.
 - Truss members about two-thirds complete, erection to commence on October 6, 2010.

8. **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.

9. **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. forwarded to N.J.T.P.A. for distribution and comments were received and have been addressed. Anticipate the approval of the C.E.D. shortly.

10. **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 needs to be scheduled.

INTERSECTION DEVELOPMENT PROJECTS:

1. County Routes 517/523:
 - Topsoil and seeding punchlist items need to be completed.
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 reviewed.
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:
 - +/- 1275' east of Guinea Hollow Road to Somerset County Line
 - Mill 2" and resurface 2" to commence week of July 21, 2010.
 - C.E.D. approved.
 - Schifano, Inc. is the Contractor.
 - County Route 512 is completed.
 - Punchlist items need to be completed.
 - Core reports indicate a problem with air voids.

County Route 517:

 - From 200' south of County Route 512 to Morris County Line
 - Mill 2" and resurface 2" is completed.
 - County Route 517 is completed. Punchlist items need to be completed.
 - Core reports indicate a problem with air voids.
2. County Route 623:
 - N.J. Route 31 to Kent Court
 - County Route 623 is completed.
 - Core reports need to be reviewed.

County Route 625:

 - County Route 513 to N.J. Route 173
 - County Route 625 is completed.
 - Core reports need to be reviewed.

DISCUSSION:

DEMOLITION PROJECT:

Jacob Neighbor Mill, Shed Structure, Mill Street, Borough of Califon, cost of \$11,000.00 to complete demolition. Demolition commenced October 4, 2010. Project is completed.