

DEPARTMENT OF ROADS, BRIDGES AND ENGINEERING
REPORT TO THE BOARD OF CHOSEN FREEHOLDERS
Tuesday, May 18, 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.
- S.A.G.E. application was completed December 21, 2009.
- County Route 519 field work is 100% complete. Design work is 50% complete.
- Final plans and specifications are being reviewed.

County Route 523, Raritan and Readington Township:

- Funding for project will come from N.J.D.O.T. Trust Fund.
- The Contractor is Topline Construction.
- Top soil, seeding and mulching to be completed within two weeks.
- Surface course should be completed within one working day.

Retaining Wall County Route 523 in Whitehouse Station:

- Maintenance project needs to be scheduled

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 to be applied for in 2009.
- Culvert E-163: permitting was received for culvert.
- Precast concrete structure to be ordered.

County Route 619, Seventh Street to Alexandria Township Limit:

- Plans are 90% complete.
- H.P.O. comments received and will be addressed.
- Final plans and color chart to be forwarded to Frenchtown Borough.

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

- Tilcon New York Inc. is the Contractor.
- Curbs and sidewalks will be completed within two weeks.
- Milling and paving is scheduled for early June 2010.

2009 Resurfacing of Various County Roads, in Various Townships

- Topline Construction is the Contractor.
- Project is complete.
- Punchlist should be completed by May 28, 2010.

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

- On Freeholder Agenda for approval.

BRIDGES:

Bridge B-26-W, Valley Station Road, Bethlehem Township:

- Warren County is the lead on project.
- Furino & Sons is the Contractor.
- Structure steel framing is complete and steel deck pans are commencing.
- June 30, 2010 is the anticipated completion date.

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 application requires additional information.
- E-142-M full structure replacement will require a N.J.D.E.P. permit. N.J.D.E.P. permit application will be submitted for Phase I Archaeology assessments.
- 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.
- Design firm will use Key-Tech borings to finalize footing design.
- Keller and Kirkpatrick is the design consultant.
- Warren County met with Jonathan Kinney, H.P.O. on February 9, 2010. It was determined that submission to the Historic Council is required.
- N.J.D.E.P. application made.

Bridge Q-168 Pennsylvania Ave, Raritan Township:

- Preliminary 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 engineering documents are being prepared.
- R.O.W. and pavement has been staked out in the field.

Bridge R-123 Holland Brook Rd, Readington Township:

- Keller & Kirkpatrick is the design consultant.
- Final plans received and specifications are on Freeholder Agenda for approval and authorization to bid.
- N.J.D.E.P. permits were approved on July 13, 2009.

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.
- Design schedule received.
- Pavement cores taken in shoulder of pavement to determine adequacy of pavement section.

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 is preparing an Inter-County Agreement for construction.

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

- Cherry, Weber & Associates is the Design Consultant.
- Utility Easement was executed.

- Public Information meeting was held on September 23, 2009.
- Plans forwarded to West Amwell Township. No comments were received.
- N.J.D.E.P. comments addressed and revised permit application forwarded to D.E.P.
- N.J.D.E.P. requested 30 day extension.

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.
- Freeholders' need to grant final design authorization.

IN HOUSE PROJECTS:

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

- Field work is complete.
- Design and permitting is underway.

Culvert D-329, Pine Hill Road, Delaware Township:

- Culvert opened January 29, 2010.
- Approach guiderail installed.
- Addendum for H.P.O authorization forwarded to N.J.D.E.P.

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

- N.J.D.E.P. permit received.
- Construction cost estimate is being developed.
- Utility coordination with Elizabethtown Gas Co. is ongoing.
- Anticipate commencing construction in August 2010.

Bridge T-116, Boulder Hill Road, Tewksbury Township:

- Superstructure replacement scheduled to commence in July 2010.
- The plans will be forwarded to Tewksbury Township (for information).

Drainage Projects

- County Route 513 and County Route 617, High Bridge & Raritan: drainage plans and specifications are completed. Bids are due May 20, 2010.
- County Route 601, Mt. Airy, H.P.O. application was made on March 26, 2010.
- West Amwell has concurred with project.

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

- Construction cost is \$160,000.00.
- Design is complete and approval from Freeholders and authorization to bid should be received at the May 18, 2010 meeting.

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 :**
 - Green Acres meeting was held May 27, 2009.
 - Preliminary centerline stakeout was completed.
 - Field meeting held with property owners. Issues were satisfied.
 - Public Information meeting was held concerning Green Acres Taking on December 9, 2009. Public comments will be addressed.
 - Meeting was held with Holland Township and N.J.D.O.T. to discuss revised 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.
 - R.O.W. documentation for Green Acres and one property owner are being reviewed.

3. **County Route 579 over the Lehigh Valley Railroad**
 - Project received a stop work order from the Federal Highway Administration.
 - Project was reinstated into the Federal Aid System. Local Aid needs to authorize project.
 - Chronological summary has been completed and submitted to N.J.T.P.A. An Engineer's Estimate, design and construction schedule has been developed and submitted.

4. **Bridge E-174:**
 - N.J.D.E.P. permit application approved. Wetlands and Stream Encroachment Permits approved.
 - Final plans are being developed: bridge plans are 75% completed and roadway plans are 40% completed.
 - R.O.W. acquisition was authorized by N.J.D.O.T.
 - Freeholder authorized release of offers.
 - Meeting with technical staff and stakeholders was held on May 6, 2010 and the Consultant is developing some alternatives.

5. **Bridge E-166:**
 - Utility work has commenced. Old utility poles need to be removed.
 - Federal Authorizations were received for project.
 - Kyle Conti Construction, LLC is the Contractor.
 - Preconstruction meeting was held on April 14, 2010.
 - Shop drawings for rigid three sided structure and box beams are approved and manufacturing of three sided box on May 25, 2010.

6. **Bridge C-88:**
 - Wetlands and Stream Encroachment permit received.
 - S.C.S. certificate for construction was received.
 - Right of Entry plan is being developed.
 - Federal Authorization was received for project.
 - Underground Utilities is the Contractor.
 - Preconstruction meeting held today, May 4, 2010.
 - Start of construction will be in mid June.
 - Field meeting held with Corrections and Contractor.

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.

- Proposals were received and apparent low bidder is Ritacco Construction, Inc.
- Preconstruction meeting was held on March 1, 2010.
- Bridge was closed on March 29, 2010.
- Temporary bridge is in place and the dismantling of the structure has commenced.

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.
- A kick off meeting was held on January 12, 2010.
- Preliminary design should be submitted on May 19, 2010, for review.

9. **County Route 513, Exit 15-Interstate 78:**

- Jacobs Engineering Inc., (formerly Edwards & Kelcey) is the Design Consultant.
- Wetlands Study in field was completed.
- Existing conditions report was reviewed and submitted to N.J.T.P.A.
- Cultural Resources Report has been revised and was forwarded to N.J.T.P.A.
- Project Purpose and Need Report forwarded to N.J.T.P.A.
- Reallocation of budgeted items was reviewed and forwarded to N.J.T.P.A.
- Extension of Time for project was granted.
- 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.
- Revised Alternative Analysis Report was reviewed and forwarded to N.J.T.P.A. for distribution.
- Cultural Resources report was approved by N.J.D.O.T.
- Final C.E.D. submitted and approval is anticipated shortly.

INTERSECTION DEVELOPMENT PROJECTS:

1. County Routes 517/523:
 - Owl Contracting commenced construction.
 - Storm drainage is complete.
 - Concrete curb and widening anticipated for the week of May 17, 2010.
 - A bracket for the signal head needs to be installed.
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 needs to schedule pole relocation.
 - Final construction plans are being developed.
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 revised and submitted.
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 is 100% complete and drawings are 75% complete.

FEDERAL AID STIMULUS PROJECTS

1. County Route 512:
 - +/- 1275' east of Guinea Hollow Road to Somerset County Line
 - Mill 2" and resurface 2"
 - C.E.D. approved.
 - Schifano, Inc. is the Contractor.

County Route 517:

 - From 200' south of County Route 512 to Morris County Line
 - Mill 2" and resurface 2"
 - Preconstruction meeting needs to be scheduled.
2. County Route 623:
 - N.J. Route 31 to Kent Court
 - Mill 2" and resurface 2"
 - C.E.D. approved.
 - Della Pello is the Contractor.

County Route 625:

 - County Route 513 to N.J. Route 173
 - Mill 2" and resurface 2"
 - C.E.D. approved.
 - Preconstruction meeting needs to be scheduled