

DEPARTMENT OF ROADS, BRIDGES AND ENGINEERING
Report to the Board of Chosen Freeholders
Tuesday, January 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.
- S.A.G.E. application was completed December 21, 2009.

County Route 523, Raritan and Readington Township:

- Funding for project will come from N.J.D.O.T. Trust Fund.
- Location: from Lipton Tea Railroad Bridge to a point north of County Route 629.
- The Contractor is Topline Construction.
- Project commenced on October 5, 2009.
- Intermediate course completed for sections I and II.
- Project was winterized.
- Drainage is complete.

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.
- Final alignment of sidewalk along County Route 602 has been determined.
- Culvert E-163: revised application was forwarded to NJDEP.

Retaining Wall on County Route 579 in Pittstown:

- Punchlist will be completed in the spring.

County Route 619, Seventh Street to Alexandria Township Limit:

- Preliminary plans forwarded to H.P.O. on December 10, 2009, addressing authorization comments.
- Project will be coordinated with improvements for 12th Street.

County Route 635:

- The municipal agreement for the project is in place.
- The County is advertising project on December 10, 2009. Bids are due January 21, 2010.

2009 Resurfacing of Various County Roads, in Various Townships

- Topline Construction is the Contractor.
- Project is complete.

BRIDGES:

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

- Warren County is the lead on project.
- Furino & Sons is the Contractor.
- Abutment on Warren County side should be completed by January 22, 2010.
- Pier should be completed by January 20, 2010.
- Abutment Footing on Hunterdon County side should be completed by January 25, 2010.

Bridge D-345, County Route 523, Delaware Township:

- Substantially completed.
- Punchlist will be completed in spring.

Bridge E-140-M and E-142-M (County Route 518):

- E-140-M deck replacement will not warrant a N.J.D.E.P. permit.
- E-142-M full structure replacement will require a N.J.D.E.P. permit. Cast in place structure is proposed for E-142-M. Revised profile received.
- Keller and Kirkpatrick is the design consultant.
- Plans forwarded to Townships and affected property owners for comments.
- Two separate applications will be made for environmental permits.

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.
- Preliminary plans were reviewed and comments were forwarded to Warren County`.

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 are being modified.
- Appraisal report for R.O.W. was accepted by Board of Freeholders and they authorized that an offer be made. Offer forwarded to property owners. Property owners have requested a full set of plans. Property owners have requested a meeting to discuss project. Public hearing for R.O.W was held on April 7, 2009.
- Negotiation meeting was held with the property owners. Comments will be reviewed.
- Final engineering documents are being prepared.
- Revised preliminary plans are being developed.

Bridge R-123 Holland Brook Rd, Readington Township:

- Keller & Kirkpatrick is the design consultant.
- Detour plan was approved and forwarded to Readington Township.
- Bridge plans and specifications need to be revised in accordance with N.J.D.O.T. Local Aid comments.
- 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.
- Consultant is to review scope of project and determine environmental impacts based on a reduced project limit.
- Field work needed to update roadway conditions.

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. parcels were appraised.
- R.O.W. offers made and second letter was sent to property owners.
- Final plans were reviewed and comments were forwarded to Consultant.
- Somerset County is preparing an Inter-County Agreement for construction.

Bridge T-102, Water Street, Tewksbury Township

- H.C. Constructors, Inc. is the Contractor.
- Funding approved by N.J.D.O.T.
- Meeting needs to be scheduled to close project out.
- Punchlist Items will be completed in the spring.

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

- Cherry, Weber & Associates is the Design Consultant.
- Utility meeting held last week.
- Public Information meeting was held on September 23, 2009.
- Plans forwarded to Township for comments.
- Property owner signed off on R.O.W. documents.
- N.J.D.E.P. comments need to be addressed.

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.
- Freeholders' need to grant final design authorization.

IN HOUSE PROJECTS:

Bridge C-110:

- PC panel and parapet plans given to Bridge Division.
- Interim repairs were made.
- Bridge work has been scheduled.

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

- Closed for reconstruction on October 5, 2009.
- Cold weather concrete is near complete.
- Bridge should be opened by January 29, 2010.

Drainage Project

- County Route 513, High Bridge: plans and specifications are completed and will be revised.
- County Route 601, Mt. Airy, S.H.P.O. authorization for project is needed.
- Preliminary Plans were sent to West Amwell for comment.

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

- Field work is complete.
- Plans and Specifications are being developed.

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.

2. **Bridge F-45, Whitebridge Road** – Kick off meeting for final design was held November 24, 2008 with Cherry, Weber & Associates.
 - Field work is completed.
 - 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.

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.
 - Revise project with East Amwell Township and concerned citizens on January 27, 2010.
 - Public hearing for R.O.W. rescheduled for February 2, 2010.

5. **Bridge E-166:**
 - Final plans and specifications revised to 2007 Standard and forwarded to N.J.D.O.T. Local Aid, N.J.D.O.T. forwarded to Federal Highway Administration.
 - R.O.W. for the project has been ascertained.
 - N.J.D.E.P. permits received. SCS permit received.
 - Utility work has commenced.
 - Federal Authorizations were received for project.
 - Training goals for project need to be ascertained.

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.
 - Final plans and specifications should be received this week.

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 Rittaco.

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.

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.
 - Alternative Analysis Report forwarded to N.J.T.P.A., response from N.J.D.O.T. is needed.
 - Extension of Time for project was granted.
 - A.P.E. Report has received approval.
 - Final C.E.D. was received and forwarded to N.J.T.P.A. for distribution, waiting for response.

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.
 - C.E.D. is complete and needs to be submitted.
 - 4(f) Report was submitted.

INTERSECTION DEVELOPMENT PROJECTS:

1. County Routes 517/523:
 - Legal action will be required to acquire R.O.W.
 - All utility work is complete.
 - Owl Contracting has winterized project.
 - The subcontractor for the signal installation is waiting for some pieces.
2. County Routes 512 and 513:
 - Plans were forwarded to the Borough of Califon and the Municipal Engineer for comment.
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.
4. County Route 523 and AM Best Driveway:
 - Preliminary design of signal has commenced.

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.
 - Final plans and specifications were sent via Federal Express to N.J.D.O.T. Local Aid.
 - Project forwarded to the Federal Highway Administration.

County Route 517:

 - From 200' south of County Route 512 to Morris County Line
 - Mill 2" and resurface 2"
 - C.E.D. approved.
 - Final plans and specifications were forwarded to N.J.D.O.T. Local Aid.
 - Project forwarded to the Federal Highway Administration.
2. County Route 623:
 - N.J. Route 31 to Kent Court
 - Mill 2" and resurface 2"
 - C.E.D. approved.
 - Final plans and specifications were forwarded to N.J.D.O.T. Local Aid.
 - Project forwarded to the Federal Highway Administration.

County Route 625:

 - County Route 513 to N.J. Route 173
 - Mill 2" and resurface 2"
 - C.E.D. approved.
 - Final plans and specifications were forwarded to N.J.D.O.T. Local Aid.
 - Project forwarded to the Federal Highway Administration.