

HUNTERDON COUNTY DEPARTMENT OF PUBLIC WORKS
ROADS, BRIDGES AND ENGINEERING REPORT TO THE BOARD OF CHOSEN FREEHOLDERS
Tuesday, March 18, 2014

ROADWAYS:

County Route 513, High Bridge Borough to Morris County Line:

- Mill and resurface roadway.
- S.A.G.E. application for N.J.D.O.T. Transportation Trust Fund needs to be submitted for 2013, subject to receipt of authorization from N.J.D.O.T.
- Top Line Construction Corp. is the low bidder.
- Construction to begin on October 15, 2013.
- Tree trimming complete; drainage improvements and driveways are complete.
- Paving south of Califon completed.
- Topline has requested an extension of time (approval recommended).
- Project will start back up the last week of March.

County Route 513, Frenchtown Borough and Alexandria Township

- Surveying is complete.
- 2014 NJDOT Transportation Fund Project
- Preliminary Design 20% complete.
- Utility meeting has been requested, poles need to be relocated.

County Route 519, Hillcrest Drive to Holland Township/Borough of Milford Municipal Line:

- High Risk Rural Roads (H.R.R.R.) project.
- Resurfacing and rumble strip installation.
- C.E.D. document approved.
- Plans and specifications have received FHWA authorization.
- Topline Construction Corp is the low bidder.
- Preconstruction meeting scheduled for March 26, 2014

County Route 614, Union Township:

- High Risk Rural Roads (H.R.R.R.) project.
- Overhead sign advising of height restrictions.
- County Route 614 and County Route 579 mill and resurface.
- County Route 614 horizontal curve correction.
- Field work is completed. Preliminary plans are complete.
- C.E.D. document was approved.
- Final plans and specifications have received FHWA authorization.
- Black Rock Enterprise is the low bidder.
- Preconstruction meeting scheduled for March 26, 2014.

County Route 637-Readington Road, Readington Township, Hunterdon County and Branchburg Township, Somerset County:

- Joint project with Somerset County.
- Public Information Meeting was held at R.V.C.C.
- Comments were forwarded to the consultant and Somerset County.
- Inter-County agreement/cost estimate are being reviewed, revisions will be necessary. Meeting needs to be scheduled.
- Plans were presented to the Hunterdon County Freeholder Board on February 5, 2013.
- Start of construction tentatively scheduled for 2014.
- Permits and R.O.W. are still needed.

County Route 651, Kingwood Township:

- High Risk Rural Roads (H.R.R.R.) project.
- Traffic markings.
- Surface treatment.
- Project was rescheduled for 2014.
- Preliminary design is commencing.
- Kickoff was held on October 31, 2013 at N.J.T.P.A.
- CED Document was submitted.

BRIDGES:**Bridge C-26, Cratetown Road, Clinton Township:**

- Design consultant is IH Engineer PC.
- Plans were forwarded to Clinton Township and the historic committee.
- S.C.S. permit approved.
- D.E.P. permit was received.
- S.A.G.E. application completed, partial funding approved then Local Bridge 2014.
- R.O.W. and temporary construction easements have been reviewed and comments have been sent back to the Consultant for revisions.
- Preliminary plans were revised and submitted to NJDOT.

Bridge E-140-M, (County Route 518), East Amwell Township:

- Punchlist items are being addressed, (need to wait until spring to complete) final invoice being submitted.

Bridges K-110 and K-111, Kingwood Township:

- Letter was received from N.J.T.P.A. stating that the project was denied.
- RFP is complete, short list of consultants has been prepared.

Bridge L-25-W, Point Mountain Road, Lebanon Township, Hunterdon County and Mansfield Township, Warren County:

- The design professional is Malick & Scherer.
 - Alternative report was completed for the alignment and preferred superstructure.
 - Inter-County agreement executed by the Hunterdon County and Warren County Freeholders.
 - Alternative analysis was submitted to H.P.O. on April 12, 2013. Their comments are being incorporated in the project.
- Consultant preparing permit application for NJDEP.

Bridge L-93-W, County Route 645, Changewater Road, Washington Township, Warren County and Lebanon Township, Hunterdon County:

- Design kickoff meeting was held on February 21, 2013.
- Boswell Engineering is the design consultant.
- Test pits were completed and tie rods were discovered.
- Borings are completed and geotechnical report is being prepared.
- Alternative Analysis has been received and approved.

Bridge Q-168 Pennsylvania Ave, Raritan Township:

- R.O.W. was received for project.
- Agreement items with property owner were completed.
- N.J.D.O.T. bridge funding will be applied to project.
- Plans were submitted to H.P.O., received a "no impact" status letter.
- Detour plans have been approved by N.J.D.O.T.

- Soil Conservation District permit received.
- Bob Viersma & Sons Inc. is apparent low bidder

Bridge RT-16, County Route 523, Readington and Tewksbury Townships:

- Application to N.J.D.E.P. was reviewed. Wetlands Permit application was submitted on January 21, 2013. Flood Hazard Permit application was submitted in December 2013.
- Soil borings for water quality basin were completed.
- Pavement cores taken in shoulder of pavement and data were forwarded to the consultant.
- Historical and Archeological Phase I Study has been submitted to N.J.D.E.P.
- Storm water management plan has been submitted to N.J.D.E.P.
- Consultant has been working with NJDEP.

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.
- The Inter-County Agreement was executed by Somerset County and the Hunterdon County Freeholders approved the agreement on April 19, 2011.
- N.J.D.O.T. Local Bridge grant will provide funding.
- N.J.D.O.T. authorizing the bidding of the project.
- Bids were taken on August 29, 2013. Persistent Construction is apparent low bidder.
- Preconstruction meeting was held October 30, 2013.
- Clearing site has begun, project is shut down for the winter, will resume in the spring.
- Contractor has been submitting shop drawings.

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 is under design.
- Funding application made for project – 2014.
- Additional application made to N.J.D.O.T. for funding.
- Permit expires on August 13, 2014.
- Abutment walls have been designed.

IN HOUSE PROJECTS:

County Culvert FU-5, County Route 513-Pittstown-Clinton Road, Franklin and Union Township:

- Field work is complete.
- Application for permits for NJDEP are being prepared 30% complete.
- Sketch plan has been submitted to discuss project with property owners.

County Culvert HA-11, Sweet Hollow Road, Townships of Holland and Alexandria:

- Field work complete for HA-11. Final design is complete.
- Construction commenced on August 19, 2013, for +/- 3-4 weeks.
- Guiderail installation commencing, waiting for the utility pole to be relocated.
- Pole scheduled to be relocated when weather permits.

Bridge K-138, Union Road, Kingwood Township:

- Preliminary design has been completed.

County Culvert RC-4, Potterstown Road, Readington and Clinton Townships:

- Construction of collar walls and repointing stone arch.
- Closed for two weeks during working hours, when the weather permits.

County Culvert R-58, Pulaski Road, Readington Township:

- Sketch plans and traffic data was submitted to Readington Township, concurrence with Scope of Project received.
- NJDEP permit needed, scope of services will be sought.

Bridge U-20, Baptist Church Road, Union Township:

- Deck replacement.
- Stringer replacement.
- Scheduled for spring 2014.

County Culvert X-6, Mine Road, Borough of High Bridge:

- Field work is complete.
- Design of the three sided structure is 90% complete.
- Permit plans are in review. Preliminary plans were reviewed and modifications are commencing.
- Soil test pits are completed.

Drainage Projects:

- County Route 635, Bethlehem Township, north of Mine Road. Preliminary design is +/- 95% complete.
- County Route 604, East Amwell Township field work and design are completed.
- County Route 519, Kingwood Township, Spring Hill Road area.
- County Route 579, West Amwell Township, from Route 31 South.

Stockton Borough Drainage Study:

- Scope of Work for drainage concerns on County Route 523 in Stockton Borough was approved.

Communications Parking Lot:

- Resurfacing and reconstruction of parking lot is 90% complete.
- Roadway improvements are being developed, 20% complete.

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.
 - Construction to commence 2014.
 - Soil borings are completed.
 - Meeting with property owner concerning the Scope of Work was held on April 9, 2012. Comments will be addressed.
 - Meeting held with consultant concerning storm water management plan.
 - Test pits were completed for the proposed storm water basin. Basin location is good. Consultant has revised the N.J.D.E.P. permit has received approval.
 - Consultant has completed application and plans for mitigation of transition zone.
 - IPP has agreed to Environmental Mitigation Easement location: (+/- 1 acre) submittal to D.E.P. for approval. Waiting for IPP letter.
 - Green Acres application has been submitted. Verbal comments have been received.
 - Contract modification was approved for R.O.W. and storm water improvements.
 - Kickoff meeting scheduled on October 31, 2013 at N.J.T.P.A.
 - Construction slated for 2016.
 - R.O.W. documents were received and reviewed, comments sent to the Consultant.
 - Utility coordination and relocation is under way.

2. **Bridge F-45, Whitebridge Road, Franklin Township:**
 - N.J.D.O.T. authorized a preconstruction meeting which was held on May 23, 2013.
 - The general contractor and subcontractor submitted the AA documentation to N.J.D.O.T. and they were accepted.
 - Material Questionnaire form (DC-51) was submitted to N.J.D.O.T. and approved.
 - Construction commenced on June 11, 2013.
 - Big R Bridge has been approved as the fabricator.
 - Shop drawings have been approved.
 - Contractor requesting an extension of contract time due to truss delivery date, approved by NJDOT.
 - Truss delivery expected March 5, 2014. Buy America certification submitted to NJDOT for approval. Truss and Deck pans have been installed.

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.
 - N.J.D.O.T. is requesting that the County give consideration to taking over the bridge when this project is completed.
 - Scoping 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. Revisions are being reviewed.

- Final Alternative Study was submitted to N.J.D.O.T. and F.H.W.A. and has been approved; and forwarded to SHPO.
- 4-f report revisions were made and are being reviewed.
- The first draft of the Scope of Work outlined for the final design has been submitted for approval.
- Public Information Center was held on May 22, 2013 at the Bloomsbury Firehouse.
- Project has received municipal support.
- Kickoff meeting was held on October 31, 2013 at N.J.T.P.A.
- No cost contract modification was approved.

4. **Bridge E-174, East Amwell Township:**

- N.J.D.E.P. permit application was resubmitted. Project Scope of Work was reduced to meet storm water regulations and a submittal is scheduled for next week. Permit modification was received this month, September 2012.
- N.J.D.E.P. permit extension was granted until June 2015.
- Construction commenced in December 2012.
- S.C.S. application was completed and submitted.
- Utility meeting was held on January 16, 2013.
- Final plans, specifications and engineer's estimates were submitted to N.J.D.O.T., comments have been received and revisions were made. Emailed to NJDOT and sent hard copy via mail for meeting Wednesday. Environmental Evaluation document was submitted and revisions made and forwarded to N.J.D.O.T.
- Design consultant requested a no cost contract modification.
- R.O.W. closings are commencing. Right-of-Entry has been received by all property owners.
- Kickoff meeting was held on October 31, 2013 at N.J.T.P.A.

5. **Bridge D-300, Raven Rock-Rosemont Road, Delaware Township:**

- No utility relocation is necessary.
- Project advertised for bid on October 11, 2012. Project was awarded to Rencor, Inc.
- Contractor has met the D.B.E. requirements.
- Contract modification for construction services was approved.
- Project commenced on April 23, 2013.
- Bridge was moved on June 25, 2013; it has been dismantled and delivered to fabricator.
- Stone masonry construction is complete.
- Received approval for upper chord modification from H.P.O.

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

- Jacobs Engineering Inc., (formerly Edwards & Kelcey) is the design consultant.
- Value Engineering meeting was held on June 5, 6, and 7, 2012 and alternatives and traffic data were analyzed and sent to N.J.D.O.T.
- A meeting was held with N.J.D.O.T. and F.H.W.A. to approve and authorize preferred plan.
- Geotech sub-consultant was approved.
- A revised C.E. document was submitted.
- Environmental Evaluation document was submitted.
- Meeting held with affected property owners.
- Public Information Meeting held on June 5, 2013 at 6:30 p.m. at the Clinton Town Municipal Building. Project was well received.
- Advancing to R.O.W. authorization, R.O.W. parcels have been approved and appraisals to commence.
- Contract modification was approved and executed by N.J.D.O.T.
- Meeting with Local Aid (NJDOT), major access, Traffic signal and Safety Engineering has been scheduled for March 25, 2014.

7. **Bridge RQ-179, Readington and Raritan Townships:**

- Stanton Station Road over the South Branch Raritan River Application approved for Historic Preservation and Rehabilitation.
- Final plans, specifications and cost estimate were approved by N.J.D.O.T. and the project was forwarded to F.H.W.A. Authorization to bid was received.
- S.C.S. certification was received.
- Contract was executed by the Freeholders.
- Project schedule submitted to N.J.D.O.T. Bids received on January 31, 2013. Low bidder is Interstate Contracting & Excavating, LLC.
- Additional funding from N.J.D.O.T. is needed. Contract modification is needed.
- D.B.E. requirements are complete.
- Project concurrence from N.J.D.O.T. was received.
- Preconstruction meeting held on May 3, 2013.
- Construction commenced on May 20, 2013.
- Flooring System removed and steel delivered to Route 12 Garage.
- Trusses were removed on June 10, 2013 and forwarded to fabrication.
- Meeting held at fabricator on June 20, 2013, fabrication is commencing.
- East and west scour protection has been completed.
- Construction on wing walls is complete.
- Roadway construction is complete.
- FHWA compliance assessment report received, response to recommendations required.
- Re-assembly of steel truss began on November 18, 2013 and is 95% complete.
- Buy America certification sent to NJDOT for approval.
- Remobilizing Monday March 10, weather pending tentative completion date April 30, 2014.

INTERSECTION DEVELOPMENT PROJECTS:

1. County Routes 600 and 612:
 - Boring report for culvert submitted and forwarded to the consultant.
 - 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.
 - Property owners executed R.O.W. Agreement and R.O.W. has been ascertained.
 - Final plans have been approved and specifications are being revised by consultant.
 - Utilities have been notified, and a site meeting for relocation has been requested.
 - Highway access permit for detour is being applied for.