

Public Works Committee Meeting

Date: January 10, 2017

Those in Attendance: Freeholder Ben Laury, Chairman
Freeholder Lee Ware
Michael Mulligan, Solicitor
James McKelvie, County Engineer
Jeff Ridgway, Director, Public Works
Ray Owens, Director, Transportation
Joseph O'Donald, Traffic Safety Coord.
Steve Schalick, Co. Road Supervisor
Diana Ford, Chief of Adm. Services

Location: Salem County Engineer's Office
Fifth Street Complex

MINUTES

1. Meeting Facilitator, Freeholder Ben Laury, Chairman.
2. Attendance was taken.
3. A motion was made Jeff Ridgway, seconded by Ray Owens, that, the Minutes of the December 6th, 2016 meeting of the Public Works Committee be approved as distributed. Motion carried.
4. No Resolutions have been submitted for the Agenda for the January 18th, 2017 regular Freeholders Meeting.
5. The Status Report prepared by County Engineer, James McKelvie will be the basis of these Minutes. Discussion items and added notes will be identified in italics.

ROADS

SJTPO-FY2013

Commissioner's Pike, County Road #581, Phase III Resurfacing: Federal funding: \$1,658,312.00. Alloway-Woodstown Road, County Road #603 to Watsons Mill Road, County Road #672. Design by "Churchill." Contractor: "South State, Inc." Contract amount: \$988,457.65. Substantially complete. The contractor has only reached 2% of the required 7% DBE goal. "South State's" "Good Faith Effort" documentation rejected by NJDOT Division of Civil Rights. Meeting held with NJDOT Local Aid on 9/8/16 to review closeout documentation in anticipation of closing out the project including a 5% deduction for non-compliance with the DBE requirements. Base failure near the south end of the project. Change order approved for repair of a 450-foot long section at the southern end of the project. The repair will be funded with federal funds. "South State" utilized a DBE firm for the repairs which should reduce or eliminate the penalty. Repair work substantially complete. **NJDOT conducted a final inspection. Punch list items to be completed. Closeout documents to be submitted to NJDOT.**

Mr. McKelvie reported that the additional DOT approved repair will give "South State, Inc." the opportunity to satisfy the DBE requirement assigned to this Project. Project finalization is underway.

SJTPO-FY2014

Woodstown Road, County Road #603-Design: Commissioner's Pike, County Road #581 to Brickyard Road. Transportation Trust Fund design funding: \$100,000. Field survey and base mapping by "ARH," a consultant funded through the NJDOT funding. Design performed in-house. Design complete.

Mr. McKelvie reported that Design is complete and project finalization is underway.

Cohansey-Friesburg Road, County Road #635-Design: Transportation Trust Fund design funding: \$100,000. Cumberland County Line to Watsons Mill Road, County Road #672. Field survey and base mapping by "Fralinger," a consultant funded through the NJDOT funding. Design performed in-house. Design complete.

Mr. McKelvie reported that Design is complete and project finalization is underway.

SJTPO-FY2015

Woodstown Road, County Road #603 Resurfacing-Construction: Transportation Trust Fund funding for construction: \$1,220,000, Commissioner's Pike, County Road #581 to Brickyard Road. **NJDOT grant agreement approved by the Freeholders and sent back to NJDOT for execution.**

Mr. McKelvie reported that this project is ready to be scheduled for construction.

Cohansey-Friesburg Road, County Road #635 Resurfacing-Construction: Transportation Trust Fund funding for construction: \$1,000,000. Cumberland County Line to Watsons Mill Road, County Road #672. **NJDOT grant agreement approved by the Freeholders and sent back to NJDOT.**

Mr. McKelvie reported that this project is ready to be scheduled for construction.

Salem County Mill and Overlay Resurfacing Program-Design: Transportation Trust Fund design funding: \$100,000.00. Locations: Centerton Road, County Road #553 from Almond Road, County Road #540 north to Buck Road; Centerton Road, County Road #553 from Almond Road, County Road #540 south to the County Line; and Welchville-Alloway Road, County Road #540 from the railroad tracks to Main Street, County Road #581. Design note: The inlets along Centerton Road in front of the high school reportedly have steel plates over them, which need to be removed, and the castings need to be reset to grade with bicycle-safe grates. Survey by "Fralinger" in the amount of \$63,642.55. **In-house design work is proceeding. Preliminary PS&E to be submitted to NJDOT by February 15, 2017.**

Mr. McKelvie reported that this In-House Design project is moving forward. Preliminary PS&E to be submitted to NJDOT by 2/15/2017.

FY 2015 Local Safety Program-Construction: Federal funding for centerline rumble strips. Funding agreement received and processed for execution. The contractor is South State Inc. in the amount of \$267,585. Project is complete. Final change order in progress. **Resident complaints received regarding excessive noise. Price from Pierson for removal of rumble strips is \$72,332 per mile.**

Mr. McKelvie reported that "Pierson" will remove the rumble strip for \$72,332.00 per mile. A brief discussion ensued. Freeholder Laury presented information from "Asphalt Paving" that they can do a "microsurface treatment" for considerably less money. Mr. Ridgway suggested borrowing the Cumberland County Pot Hole Repair Truck and treating the rumble strip as a pot hole. No decisions made at this time. Mr. McKelvie was asked to contact "Asphalt Paving" and discuss the "microsurface treatment" and Mr. Ridgway was asked to discuss possibility with Cumberland County. Both were asked to report back at our next meeting.

SJTPO-FY2016

Salem County Mill and Overlay Resurfacing Program-Construction: Federal funding for construction: \$1,600,000.

Hook Road, County Road #551-Design: Transportation Trust Fund design funding: \$150,000. Concept plans and estimates prepared for raising a 1,000-foot long section of Hook Road along with resurfacing from East Pittsfield Street to Route 295. NJDOT authorization received for design funding. **Preparing RFPs for consultant survey and geotechnical services. NJDOT agreement received for execution.**

Mr. McKelvie reported that "soil borings" are needed for this project and the "RFP's" are nearly ready for advertisement.

Salem County Mill and Overlay Resurfacing Program-Design: \$100,000 design funding. NJDOT Job # 7101313, FAP – 2016 – Salem Co - 02427 Roads to be included:

1. Watsons Mill Road, County Road #672 from Commissioners Pike County Road #581 (MP 3.35) to Aldine-Friesburg Road, County Road #635 (MP 0.00) in Alloway Township; and
2. New Bridge Road, County Road #623, from 500 feet south of Harmersville Road, County Road #658 (MP 3.31) to Beasleys Neck Road, County Road #651 (MP 4.46) in Lower Alloways Creek Township;

NJDOT authorization received for design funding. **Preparing RFP for consultant survey services. Fully executed NJDOT agreement received.**

Mr. McKelvie reported that the "RFP" is being submitted to DOT for final approval.

SJTPO-FY2017

Salem County Mill and Overlay Resurfacing Program-Construction: Funding anticipated in the amount of \$1,800,000.

Centerton Traffic Signal Improvements: FY2017 Congestion Management and Air Quality (CMAQ) funding in the amount of \$75,000 for design and \$275,000 for construction. The funding is for signal upgrades at the intersection of Centerton Road, County Road #553 and Almond Road, County Road #540 in Pittsgrove Township. **RFP for design to be prepared and submitted to NJDOT Local Aid. SJTPO kickoff meeting scheduled for January 26, 2017.**

Mr. McKelvie reported the "Kick-Off" meeting is scheduled for 1/26/2017.

SJTPO-FY2018

Hook Road, County Road #551 Raising and Resurfacing-Construction: Transportation Trust Fund construction funding: \$1,500,000.

SJTPO-FY2018 through FY2022: Proposed projects: Salem County Mill and Overlay Resurfacing Program each year, providing \$1,500,000 for construction and \$150,000 for field survey and in-house design.

Mr. McKelvie reported the Roads included in these Design projects need to be determined.

Six Points Roundabout: Traffic data, conceptual design and preliminary estimate and resolution of support were submitted to SJTPO for review for the Six Points intersection in Pittsgrove Township under the Local Safety Roundabout Pilot Program. SJTPO has indicated that since the project is identified on the Salem County intersection crash screening list, funding would be available through the HSIP funding program.

HSIP funding application completed and submitted to SJTPO on March 9, 2016. **Under review by SJTPO. Concept estimate to be reviewed. SJTPO to be advised whether the right-of-way costs are reasonable.**

Mr. McKelvie reported we are waiting on response from "SJTPO".

Local Safety Roundabout Pilot Program: There is \$1.75M funding available for one roundabout in each SJTPO County meeting certain traffic criteria. The preferred location would be Five Points in Pittsgrove Township, at the intersection of Porchtown Road, County Road #613; Lawrence Corner Road, County Road #621; and Upper Neck Road, County Road #690. **Under review by SJTPO. Concept plan and estimate to be prepared.**

Mr. McKelvie reported we are waiting on response from "SJTPO".

SJTPO Technical Study: Traffic Signal Equipment Inventory: SJTPO consultant: "Taylor Wiseman and Taylor." The inventory includes such items as type of signal, controllers, signal poles, signal heads, crosswalks, etc. The results of the study would be provided to the County for future use in planning signal upgrades. **Consultant work in progress.**

Mr. McKelvie reported that this Project is being handled by "SJTPO".

2012 County Aid: NJDOT Funding: \$1,823,000.00. Project includes:

1. ADA Ramp Project at numerous locations throughout the County:
Contract awarded to Charles Marandino, LLC in the amount of \$271,058.50. Construction of ADA ramps is substantially complete. **NJDOT conducted a final inspection and no corrective work is required. Closeout documents to be submitted to NJDOT.**

Mr. McKelvie reported that this Project is in "closeout".

2. Pointers-Auburn Road, County Road #540, from Marshalltown Road to Bypass Road:
Contract awarded to South State, Inc., in the amount of \$911,000±. Notice to proceed: June 20. **South State to perform the work in the spring.**

Mr. McKelvie reported that this project will begin in Spring, 2017.

3. Woodstown-Alloway Road, County Road #603, East Lake Road to Brickyard Road:
Contract awarded to South State Inc. in the amount of \$1,100,000±. Notice to proceed: June 27. **South State to perform the work in the spring.**

Mr. McKelvie reported that this project will begin in Spring, 2017.

2013 County Aid: Grant amount is \$1,807,000.00. The Contractor is "R. E. Pierson Construction." The contract is in the amount of \$2,008,280.25. Project includes:

1. Alloway-Woodstown Road, County Road #603 from Bailey Street to Liberty Avenue:
Substantially complete.
2. Woodstown-Pedricktown Road, County Road #602, from Pennsville-Auburn Road, County Road #551 to Freed Road:
Substantially complete.

3. Hollywood Avenue, County Road #618, from US Route #130 to Pennsville-Auburn Road, County Road #551:
Substantially complete. Crosswalk signs and pavement markings need to be installed.

Mr. McKelvie reported that all that remains on this project is the installation of the crosswalk signs.

To the extent that funding will allow, it is intended to include, via change order, resurfacing of Kings Highway, County Road #620 at Mannington Creek Bridge; Woodstown-Alloway Road, County Road #603 at Hungry Hill Bridge; and Perkintown Road in order to eliminate rough road conditions.

2014 County Aid: Grant amount: \$2,365,000. Project includes:

1. Parvin Mill Road, County Road #645 in Pittsgrove from Morton Avenue at the County line to Crystal Road;
2. Deerfield Road, County Road #540 in Pittsgrove from Centerton Road, County Road #553 to the Cumberland County line;
3. Bailey Street, County Road #616 in Woodstown from US Route #40 to South Main Street, County Road #672;
4. West Mill Street, County Road #642 in Pedricktown from Straughens Mill Road, County Road #643 to Railroad Avenue, County Road #602;
5. State Street, County Road #634 in Penns Grove from Beach Avenue to West Main Street, County Road #675;
6. South Golfwood Avenue, County Road #601 in Carneys Point from Georgetown Road to Hollywood Avenue;

Design note: It was noted to verify the need to include stump removal along Bailey Street; and to address the wall/curbing along West Mill Street near Railroad Avenue plus slow drainage conditions on West Mill Street, and replacement of broken curb on Parvin Mill Road. Project has been separated into two (2) phases. Phase 1 includes roads 1-3 above; Phase 2 includes roads 4-6 above. This separates the roads geographically plus allows for three roads to move forward; while design is completed on the others. Plans for Phase 1 at 95% completion; Plans for Phase 2 at 85% completion. **Design for Phase 1 being finalized.**

2015 County Aid: Grant amount: \$2,365,000. Project includes:

1. Perkintown Road, County Road #644 from Straughens Mill Road, County Road #643 to Pennsville-Pedricktown Road, County Road #601.
2. Kings Highway, County Road #620 at Mannington Creek Bridge.
3. Pennsville-Auburn Road, County Road #551, 500-foot long section north of Route 48 and south of Quilleytown Road. Flat area to be regraded.
4. Pennsville-Auburn Road, County Road #551 in Carneys Point from NJ Route #48 to Georgetown Road.
5. Penns Grove-Pedricktown Road, County Road #642 in Oldmans Township from Route 130 to Straughens Mill Road, County Road #643.
6. Telegraph Road, County Road #647 in Quinton from County Road #540 to NJ Route #49.
7. North Broad Street, County Road #607 in Penns Grove and Carneys Point from Main Street to NJ Route #130.
8. Marlton Road, County Road #636 in Pilesgrove from Marlton Recreation Area to Kings Highway, County Road #620. It was noted to address a bad area on Marlton Road near Borton Drive if possible.
9. Hawks Bridge Road, County Road #540 in Carneys Point and Mannington From US Route #40 to Haines Neck Road, County Road #631.
10. Dutch Row Road, County Road #611 from US Route #40 to the Gloucester County line.

Design note: Need to review/discuss North Broad Street (concrete road) and Kings Highway (settlement). Plans at 80% completion. **Design needs to be finalized.**

2016 County Aid: NJDOT grant funding in the amount of \$2,365,000. Funding application submitted. Roads included:

1. Alvine Road, County Road #655 from Almond Road, County Road #540 to Route 56 in Pittsgrove Township (Needs survey and drainage improvements).
2. Gershal Avenue, County Road #638 from Almond Road, County Road #540 to Route 56 in Pittsgrove Township.
3. Gershal Avenue, County Road #638 from Almond Road County Road #540 to Garden Road County Road #674 in Pittsgrove Township.
4. Quinton-Alloway Road, County Road #581 from Route 49 to Greenwich Street, County Road #540 in Quinton and Alloway Townships.
5. Bridgeton Road, County Road #614 from County Line to Aldine-Shirley Road, County Road #611 in Alloway and Upper Pittsgrove Townships.
6. Bridgeton Road, County Road #614 from Aldine-Shirley Road, County Road #611 to new culvert in Upper Pittsgrove Township.
7. Pennsville-Pedricktown Road, County Road #601 from Perkintown Road, County Road #644 to Pennsgrove- Pedricktown Road, County Road #642 in Oldmans Township.

Design needs to move forward.

2016 Oil and Stone Program:

Bids received on July 26. The low bid was submitted by Asphalt Maintenance Solutions, LLC in the amount of \$187,370. Preconstruction meeting: August 17. Project complete.

Swedesboro Road, County Road #605: Two (2) quotations received for milling of raised joints, including traffic control signs and flaggers, as follows: R.E. Pierson Construction: \$10,300; Diamond Materials: \$10,475. Moving ahead with the quotation from Pierson. **Awaiting schedule from Pierson.**

Mr. McKelvie reported that we are awaiting a schedule from "Pierson" – to get this project completed.

2017 County Aid: Announcement of NJDOT grant funding in the amount of \$2,399,200. Funding application is due April 14, 2017. The Salem County Improvement Authority has requested that **McKillip Road be included.**

Mr. McKelvie reported that the projects to be included under this funding year will have to be selected by prior to the grant deadline of April 14th, 2017.

BRIDGES

Websters Mill Bridge, County Bridge #1700-455 and Dam on East Lake Road: NJDOT funding: \$1 million. NJDEP funding: \$850,000. Design and construction management by "Remington and Vernick Engineers." Contractor: "Sambol Construction." Contract amount: \$1,814,584.40. Construction contract closed out. ADA parking space, chain across the walkway and signage prohibiting access to the lake to be constructed by the Road Department. Parking lot work completed by Road Department. NJDOT inspection completed. **Project to be closed out.**

2013 NJDOT Local Bridges, Future Needs Program: Rehabilitation of Scour Critical Bridges. NJDOT funding: \$1,000,000. Project includes scour countermeasures at eleven (11) bridges as recommended by Bridge Evaluation Reports. Design and permitting on four (4) locations was begun by "Federici & Akin." "Alaimo Group" proceeding with design and permitting of seven (7) remaining locations. Permits have been received for one (1) location, Pleasant Hill Bridge, CB #1701-088, the plan is to advertise the project for bids and proceed with construction while permits are in progress for the other locations. Per Alaimo Group

environmental specialist, extension of time is needed due to NJDEP permitting issues. Resolution prepared and submitted to NJDOT requesting an extension of time. NJDOT Response: NJDOT cannot formally grant an extension of time, but the project should continue to move forward. **Design and permitting needs to be completed.**

2014 NJDOT Local Bridges, Future Needs Program: Replacement of Murphy's Bridge, County Bridge #1711-111 on Friendship Road in Upper Pittsgrove, which is both functionally obsolete and structurally deficient. NJDOT funding: \$1,000,000. Design, permitting, and construction management by "Remington & Vernick Engineers" in the amount of \$97,525.00. Flood Hazard Area Permit, Freshwater Wetlands Permit and Soil Erosion Certification received. **Easements needed from adjacent property owners.**

Mr. McKelvie reported that Mr. Miller is working on the Easements needed to move forward with this project.

2015 and 2016 NJDOT Local Bridges, Future Needs Program: Replacement of Jesse Bridge, County Bridge #1701-274 on Gershal Avenue in Pittsgrove, which is structurally deficient. NJDOT funding: \$2,000,000. Design, permitting, and construction management by "Churchill Consulting Engineers" in the amount of \$141,133.00. Preliminary construction cost estimate: \$2.1 million. Preliminary design in progress. **Design engineer reports that mitigation of disturbance within the 300-foot riparian zone. Cost impact requested. Awaiting action by NJDEP for permit process to move forward.**

Bridges Requiring Priority Repairs: Numerous priority repair recommendations received for major and minor bridges. Some repairs (riprap and embankment) may be done by the Road Department. Locations and description of repairs reviewed with Road Department. Other (structural) repairs will require design of repair details and bidding for repairs by a contractor. Some embankment and riprap repairs have been completed by the Road Department.

Richmanville Bridge, County Bridge #1704-123, on Woodstown-Daretown Road, County Road #615: Repairs needed to timber piles and sheeting. Repair details prepared, to be drafted in the Salem County Engineer's Office. **Repair details being prepared.**

Mr. McKelvie reported that Jonathan Rishel is working on this project.

Bridges Requiring Guide Rail: Numerous minor bridges require guide rail. Annual program for installation of guide rail is being prepared. Plans have been prepared for the first ten (10) locations. **Design needs to be completed.**

DAMS

General: Need to review the status of all O&Ms and EAPs and correct any that incorrectly identify Salem County as the Owner/Operator.

Black Road Dam 30-30

Mannington Township

Hazard Class: Low

Owners: Mannington Township, Catalano and Holliday

Last inspected: September 2012 by "Alaimo Group"

Next inspection due: **2016**

EAP: Was to be submitted by March 2013.

O&M: Was to be submitted by March 2013.

Condition: Poor.

The inspection report recommends immediate repairs, long-term improvements, and engineering studies. Letter received from NJDEP Dam Safety, dated July 18, 2013, requiring submission of plans for repairs and studies according to the schedule in the inspection report. Dam owner notified. **Inspection due.**

East Lake Dam 30-10

Pilesgrove Township

Hazard Class: Significant

Owners: NJDEP Fish and Wildlife, Pilesgrove Township

Last inspected: 7/17/10

Next inspection due: 2 years from completion of construction. NJDEP will do the inspection.

Recently rehabilitated.

EAP: None

O&M: None

Camp Roosevelt Dam 30-12

Alloway Township

Hazard Class: Significant

Owners: BSA Southern NJ Council

Last inspected: April 2015 by "Alaimo Group"

Next inspection due: 2017

EAP: Done.

O&M: Done.

Condition: Poor.

The inspection report recommends immediate repairs, long-term improvements, and engineering studies. Letter from NJDEP Bureau of Dam Safety, dated December 38, 2015, received requiring engineering design and reports. Letter sent to Boy Scouts confirming they are responsible for design and reports. Advised the Boy Scouts to have their engineer contact NJDEP Dam Safety to discuss what is required. Tree removal to be done by a contractor for the Boy Scouts. Road closure anticipated.

Ballinger's Mill Pond Dam 30-13

Alloway Township

Hazard Class: Significant

Owners: BSA Southern NJ Council

Last inspected: April 2015 by "Alaimo Group"

Next inspection due: 2017

EAP: Done. Revisions recommended.

O&M: Done. Revisions recommended.

Condition: Poor.

The inspection report recommends immediate repairs, long-term improvements, and engineering studies. Letter from NJDEP Bureau of Dam Safety, dated December 16, 2015, received. Letter sent to Boy Scouts confirming they are responsible for design and reports. Advised the Boy Scouts to have their engineer contact NJDEP Dam Safety to discuss what is required. Tree removal to be done by a contractor for the Boy Scouts. Road closure anticipated.

Algonkin Dam 30-22

Upper Pittsgrove Township

Hazard Class: Significant

Owners: "Bancroft NeuroHealth"

Last inspected: August 2012 by "T&M Associates."

Next inspection due: 2014

Hydrologic and Hydraulic Study commissioned by "Bancroft NeuroHealth" and prepared by "T&M Associates" (Study). Revisions requested by NJDEP.

EAP: Prepared by "T&M Associates," December 2009, updated September 2012.

O&M: Prepared by "T&M Associates," April 2010.

Condition: Poor.

The inspection report recommends immediate repairs, long-term improvements, and engineering studies. Letter from NJDEP Bureau of Dam Safety, dated February 13, 2013, received requiring hydraulic analysis and EAP by May 13, 2013 and that immediate repairs be performed by August 31, 2013. A letter was sent to "Bancroft NeuroHealth" confirming that they are preparing the necessary reports and requesting copies upon

completion. Response received indicating that the County is one of the dam owners and is, therefore, responsible for a portion of the costs. County Solicitor recommended no action at this time.

Slabtown Lake Dam 30-23

Upper Pittsgrove Township

Hazard Class: Low

Owners: Township of Upper Pittsgrove, Jodi and Mark Leonetti.

Last inspected: September 2012 by "Alaimo Group"

Next inspection due: **2016**

EAP: N/A

O&M: Was to be prepared by September 2013.

Condition: Poor.

The inspection report recommends immediate repairs, long-term improvements, and engineering studies. Letter received from NJDEP Dam Safety, dated July 18, 2013, requiring submission of plans for repairs and studies according to the schedule in the inspection report. Dam owner notified. **Inspection due.**

Camp Karney Dam 30-8 (aka Avis Mill Pond Dam and Camp Crockett)

Pilesgrove Township

Hazard Class: Low

Owners: Salem County

Last inspected: 3/15/11

Next inspection due: 2015.

EAP: None.

O&M: None.

Design by "Churchill." There is a \$1.3M loan for this project, under the 2004 NJDEP Dam Restoration Loan Program. O&M Manual prepared by the Salem County Engineer's Office. Fund balance: approximately \$1M. NJDEP Dam Safety and Freshwater Wetlands permits received. Construction management services will be needed. Latest cost estimate is close to \$2,000,000. The County agreed to provide \$1M in funds for this project. The permit requires that construction proceed within one (1) year of issuance of the permit, or by April 24, 2016 and completed within one (1) year after that. Design engineer prepared construction easement descriptions. Easements are required from NJDEP. Approval from NJDEP Green Acres is required. Sent a plan to NJDEP Green Acres program for review. NJDEP requested additional information, which "Churchill" has provided. Temporary and permanent easements under review. **Received updated engineer's estimate from Churchill. Need to send easements and additional information to NJDEP.**

Mr. McKelvie reported that there are easements needed from "Green Acres" to move this project forward.

Elmer Lake Dam 31-10

Pittsgrove Township
Hazard Class: Significant
Owners: Salem County, NJDEP Division of Fish and Wildlife
Last inspected: 5/4/11
Next inspection due: 2014. To be done by NJDEP.
EAP: Submitted.
O&M: None. NJDEP will prepare the O&M.

Willow Grove Dam 31-23

Pittsgrove Township
Hazard Class: Significant
Owners: Nature Conservancy
Last inspected: 10/29/10
Design by "Pennoni." "Pennoni" is providing review of shop drawings; coordination with utilities; construction support. Alaimo Group is to provide construction oversight on an as-needed basis and certification report. The work in Salem County consists of rehabilitation of existing Culvert No. 3, constructing a new spillway, permanent sheeting on the downstream side of the bridge and road; and reconstructing the road at the existing width up to a transition in width to the Cumberland County width. FWA funding covers 80% of the construction and inspection costs. Contract amount: \$3,731,607.21. EAP received for review. Comments issued to identify Pittsgrove Township as the operator. **Fish ladder complete. Fence installed but corrective work is needed.**

Mr. McKelvie reported that the fish ladder is complete; but the chain link fence needs corrective action.

Palatine Lake Dam 31-8

Pittsgrove Township
Hazard Class: Significant
Owners: Palatine Lake Homeowners Association
Last inspected: April 2015 by "Alaimo Group".
Next inspection due: 2017
EAP: Done.
O&M: Done.

The inspection report recommends immediate repairs, long-term improvements, and engineering studies. Letter received from NJDEP Dam Safety, dated December 29, 2015, requiring submission of plans for repairs and studies according in accordance with a schedule provided in the letter. Letter sent to Palatine Lake Homeowners Association confirming they are responsible for design and reports. Meeting held with Linda Amme on March 23. Submitted request to NJDEP Dam Safety for extension of time to complete repairs; Submitted Hydrologic and Hydraulic Study prepared in 2000 by JCA Associates - NJDEP Dam Safety indicated the report needs to be updated to current standards; Ownership of the roadway embankment and downstream property to be reviewed to determine responsibilities. Letter to NJDEP Dam Safety submitted to NJDEP identifying the status of each item recommended in the inspection report.

Thundergust Pond Dam 35-19

Pittsgrove Township
Hazard Class: Significant
Owners: NJDEP Division of Parks and Forestry
Inspection: NJDEP will perform the inspections.

Parvin Lake Dam 35-2

Pittsgrove Township
Hazard Class: Significant
Owners: NJDEP Division of Parks and Forestry
Inspection: NJDEP will perform the inspections.

Coxhat Pond Dam 34-25

Quinton Township

Hazard Class: Low

Owners: Richard E. and Frances Haash

Last inspected: October 2012 by "Alaimo Group"

Next inspection due: 2016

O&M: Needs to be prepared and submitted by September 30, 2013.

Condition: Fair.

The inspection report recommends immediate repairs and long-term improvements. Letter received from NJDEP Dam Safety, dated July 18, 2013, requiring submission of plans for repairs and studies according to the schedule in the inspection report. Dam owner notified. **Inspection due.**

West Branch Dam 34-27

Lower Alloways Creek Township

Hazard Class: Low

Owners:

Last inspected: May, 2015 by "Alaimo Group"

Next inspection due: 2019

H&H, Stability and Failure analysis recommended.

No O&M

The inspection report recommends immediate repairs, and preparation of an O&M Manual. The ownership of the dam needs to be confirmed to determine responsibility for repairs.

Cobbs Mill Dam 34-6

Alloway Township

Hazard Class: Significant

Owners: William Cobb, Alloway Township

Last inspected: 11/7/08

Next inspection due: Past due. Subject to resolution of legal matter.

Prepared a Projected Scope of Work with approximate timeline which was submitted on 8/21/15. A meeting was held 12/14/15 with all parties to discuss the project. A draft RFP for design, permitting, and construction management is to be prepared by the Engineer's Office and distributed for review by 1/15/16. **Design contract awarded to Pennoni Associates in the amount of \$56,140. Design kickoff meeting October 4. Consultant denied access by property owner. License agreement in progress.**

Mr. Mulligan reported that Mr. Cobb has engaged Mr. Zeigler as his representative. No movement at this time on the property access. Mr. Mulligan also reported that a letter was submitted requesting a "waiver" from any fines. No response as of this date.

STORM DAMAGE

Hurricane Irene/Storm Lee/Hurricane Sandy Reimbursements: Two (2) locations where emergency repairs were performed in 2011 require NJDEP permits: Replacement of a collapsed 48-inch culvert on Quinton-Hancocks-Bridge Road, County Road #650 in 2011 (FWW and FHA permits); and Greenville-Husted Station Bridge Repairs, County Bridge #1701-830 (FHA permit). Contacted NJDEP and submitted information about flood zone and flow characteristics of prior culvert compared to replacement culvert. NJDEP requested plans of culvert prior to replacement.

Fort Elfsborg Road, Elsinboro: Flooding of Fort Elfsborg Road and surrounding area occurs during heavy rains and high tides. Concept plans and cost estimates, preliminary schedule prepared for a stormwater pump station. Funding application submitted through njemgrants.org. Funding requested is approximately \$1,000,000 with a County match of \$100,000. **Comments on the benefit cost analysis received from FEMA and NJOEM. Additional historical and cost information is needed.**

Mr. McKelvie reported that additional information was submitted from Elsinboro OEM.

ENVIRONMENTAL

Biennial Certification: Contract awarded to: Pennoni Associates in the amount of \$2,500. Pennoni indicated the files provided to them by the County and Improvement Authority are not sufficient for completion of the Biennial Certification and Remedial Action Soil Permit. An additional \$1,000 was authorized for Pennoni to travel to NJDEP to complete a file review on April 18. Biennial Certification and Remedial Action Soil Permit application submitted to NJDEP. **Correspondence from NJDEP pertaining to responsible parties submitted to the solicitor for review and response. Meeting with County including solicitor requested by Pennoni.**

Mr. McKelvie reported a meeting has been requested by “Pennoni” to include the County Solicitor. Mrs. Ford was asked to arrange the meeting for January 17th, 2017.

PT Consultants: PT Consultants proceeding with retesting at the Mosquito building and installation of temporary well points at the Road Department. Holding off on work at the Fenwick Building for now. All work is within budgeted amounts.

TRAFFIC

Traffic Studies: The SJTPO FY2016 Salem County Sub-Regional Planning Grant has been amended to include \$24,000 for Intersection/Road Analysis by a Consultant; and \$6,000 for the Traffic Counting Program by the County, which would serve as the 20% local match. The funding may be used for various intersections and road analyses for which a traffic consultant is needed, including Almond Road, Parvin Mill Road, Watsons Mill Road at Commissioners Pike; Watsons Mill Road at Aldine-Alloway Road; Route 40/45/ Bailey Street; and Five Points in Pittsgrove. **An RFP was prepared and submitted to SJTPO for review. Comments being incorporated. Additional locations: Quaker Neck Road (Speed limit); Watsons Mill Road (Speed limit); Commissioners Pike (Speed limit); Alloway – Woodstown Road (Speed limit).**

Pennsville-Auburn Road No Parking Zones: The County established no parking zones along both sides of Pennsville-Auburn Road, County Road #551, from the intersection of Route 48 for a distance of 700 feet to the west. A signage plan was prepared by the engineer’s office and staked out for installation of signs by the Road Department.

Mr. Schalick reported that the “No Parking” signs were not installed on the “Racite” side of Pennsville-Auburn Road, County Road #551 – at the request of Mr. Racite.

BUDGET

2017 Budget Request: The 2017 draft budget request for the Engineer’s Office was submitted.

Alaimo Group Invoices: The professional services contract requires approval of technical assistance work by the Public Works Committee. Invoices for the period ending 11/30/2016 are as follows:

A0930-0013-000	Technical Assistance	\$350.00
A0930-0013-020	Cobbs Mill Dam	\$262.50
A0930-013-022	Fort Elfsborg Road Drainage	\$ 87.50
A0930-0013-033	Quinton – Hancocks Br. Rd. Culvert	\$2,479.80
A0930-0013-034	Arc of Salem Co.-Design **	\$700.00
A0930-0019-000	2014 County Aid Road Project	\$1,927.50
A0930-0029-000	2015 County Aid	<u>\$2,021.25</u>
	Total	\$7,828.55

** \$35,000 for design/construction management to be reimbursed to County through CDBG funding.

A motion was made by Jeff Ridgway, seconded by Ray Owens, that, the "Alaimo Group" bills listed above dated November 11th, 2016 be approved for payment. Motion carried.

MISCELLANEOUS

CDBG Funding: Grant application administrator: Triad Associates. The proposed project is parking lot resurfacing, striping and ADA improvements at the ARC of Salem County. Amount of funding: \$300,000 of which \$250,000 is for construction, \$15,000 (5%) is for grant administration, and \$35,000 (12%) for engineering. Site lighting to be bid as an alternate for funding flexibility. Final plans, specifications and estimates reviewed with Mannington Township, the Arc of Salem County and the Public Works Committee prior to bidding. Comments from NJDCA addressed. **Additional comments received from NJDCA are being addressed.**

Stormwater Permit: The annual report and certification is due May 2 of each year. The report and certification been submitted for the year 2015, with input from the Road Department. NJDEP inspection of stormwater documentation held on June 28. No written inspection report received yet.

NJDEP Stormwater Permit Violation Notice: Violation notice dated February 23, 2016 received from NJDEP, requesting an evaluation of the stormwater system on Porchtown Road by April 1, 2016. In response, a letter was submitted to NJDEP requesting clarification on the criteria to be used in the evaluation and requesting an extension of time for completion. A response was received with some explanation and requesting the evaluation be submitted by April 20, 2016. A report was prepared and submission to NJDEP on May 16, 2016. Response from Eileen Kull of NJDEP on May 26 requesting that Salem County submit a report to estimate the capacity of the existing drainage system; and stating that the County is still out of compliance with its Highway Agency Stormwater Permit. Notice of Violation issued 6/28/16. NJDEP directed Salem County to submit a schedule for system evaluation, design and necessary improvements by July 13, 2016. Alaimo Group prepared a scope of work and estimate for evaluation of the existing stormwater facilities in the amount of \$25,000. The work is subject to the opinion of the Solicitor, the availability of funds and the direction of the Public Works Committee. The Public Works Committee did not authorize the evaluation to proceed. Letter submitted to NJDEP with potential schedule; and requesting input as to possible grants and funding sources. NJDEP identified the Federal Clean Water State Revolving Fund (CWSRF) loan program as a potential source of funds. Meeting held with NJDEP on 11/15/16 to review status. NJDEP was to provide regulatory requirements for upgrade of existing storm systems under the permit. **Awaiting response from NJDEP.**

Mr. McKelvie reported that there has not been any response from DEP with either the findings of our Annual Inspection or the drainage issue on Porchtown Road.

Railroad Ties at SCIA: SCIA has requested that the public works committee discuss the removal of railroad ties left from a prior railroad project.

Mr. McKelvie reported that the SCIA has requested the removal of the railroad ties and offered to supply a "container" to assist in removal. A brief discussion ensued. No decision made at this time.

RAILROAD

NJDOT Funded Projects:

#2205559- Salem County Short Line Track Rehabilitation:

- Part I: For railroad reconstruction from MP 18.00 (Bailey Street Crossing) to 18.80 (E. Lake Road Crossing). Project funding: \$1,000,000, of which the State funding is 90% or \$900,000.00, and the Sponsor share is 10% or \$100,000.00.
- Part II: For replacement of Oldmans Trestle Bridge in conjunction with the Federal TIGER III funding. Salem County match for the Federal grant is \$500,000.00. Project funding: \$500,000.00, of which the State funding is 90% or \$450,000.00, and the Sponsor share is 10% or \$50,000.00.
- Part III: For emergency railroad repairs from MP 19.78 to 19.90. Project funding: \$148,747.50, of which the State funding is 90% or \$133,872.75, and the Sponsor share is 10% or \$14,874.75.
- Total project funding: \$1,648,747.50, of which the State funding is 90% or \$1,483,872.75, and the Sponsor share is 10% or \$164,874.75

Status:

- **All work is complete.**
- **Closeout documentation and invoice submitted to NJDOT for Parts I and III only.**
- **NJDOT has requested one final invoice including Parts I, II and III.**
- **Final invoice is in progress, and will be submitted to NJDOT.**

#7100319 - Salem County Short Line Running Track Rehabilitation Phase VI:

- Project funding: \$2,101,252.50, of which the State funding is 90% or \$1,891,127.25, and the Sponsor share is 10% or \$210,125.25.
- Project: Short Line Running Track Rehabilitation Phase VIa, Pilesgrove Township MP 17.64 to 19.75, from Memorial Lake Bridge, M.P. 17.64 to Bailey Street; from East Lake Road to Alloway-Woodstown Road; and from Cedar Lane to M.P. 19.75. Contractor: "The Railroad Associates Corp (TRAC)." Contract amount: \$1,228,873.88.

Status:

- **Project is complete, but there are remaining NJDOT funds.**
- **Final contract amount: \$1,183,432.08.**
- **Remaining funds: \$826,038.38, of which the State funding is \$743,434.54 and the Sponsor share is \$82,603.84.**
- **The County had previously submitted a request to NJDOT for time modification requesting three (3) years, plus a scope modification to fully utilize the remaining funds.**
- **Closeout documentation and NJDOT invoice in the amount of \$1,065,088.87 submitted to NJDOT.**
- **Due to the remaining funds, NJDOT has requested clarification and resubmission of the invoice.**
- **Salem County may want to use some of the remaining funds to supplement #7100322 and #7100323.**
- **Clarification needed from NJDOT on use of remaining funds.**

#7100322 - Salem Branch Railroad Chestnut Run Culvert Replacement:

- Project funding: \$490,222.00, of which the State funding is 90% or \$441,199.80, and the Sponsor share is 10% or \$49,022.20.

Status:

- **The County requested that remaining funds from #7100319 be designated for design and construction costs for #7100322 in the event they exceed the amount of available funds. Scope modification request letter was submitted to NJDOT by Salem County.**
- **Required completion date per NJDOT grant agreement: 10/6/17.**

- **Extension of time will be needed.**
- **Clarification needed from NJDOT on use of remaining funds from #7100319.**

Mr. McKelvie reviewed the issues involved with this project. A brief discussion ensued. Mr. McKelvie was asked to "Move Ahead" with this project.

#7100323 - Salem County Short Line Running Track Rehabilitation Phase VII:

- Project funding: \$3,294,720.00, of which the State funding is 90% or \$2,965,248.00 and the Sponsor share is 10% or \$329,472.00.
- Project limits in the funding agreement: M.P. 10.86 to M.P. 20.00.

Status:

- **The County would like to use the funding for track rehabilitation, new track and bulkhead replacement at the Salem City port area, approximate M.P. 28.3 to M.P. 29.00.**
- **Scope modification will be needed to include the Salem City port area M.P. 28.3 to M.P. 29.00 in the scope of work.**
- **Required completion date per NJDOT grant agreement: 10/6/17.**
- **Extension of time will be needed.**
- **Additional sources of funding needed, possibly to include a portion of remaining funds from #7100319 and additional NJDOT funding if available.**
- **Field survey completed.**
- **Preliminary design in progress.**
- **NJDEP request for jurisdictional determination submitted.**
- **Legal description for construction of new track in progress.**

Additional possible funding sources:

- FEMA funding for repair of a 300-foot section of the bulkhead in the amount of \$274,726 to restore the bulkhead to pre-disaster conditions, and an additional \$151,315 for hazard mitigation improvements, for a total of \$426,041. The funding provides 90% reimbursement of eligible costs.
- A portion of the remaining funds from #7100319 if possible.
- Additional NJDOT funding if available.
- EDA grant or loan if available.
- USDA grant or loan if available.

Mr. McKelvie reviewed the issues involved with this project. Specific discussion on the need for a "metes and bounds" description for Easement. A brief discussion ensued.

#7115325 - Salem County Short Line Running Track Rehabilitation Phase 8:

- Project funding: \$747,600, of which the State funding is 90% or \$672,840, and the Sponsor share is 10% or \$74,760.
- Project limits: M.P. 17.11 to M.P. 17.64 in the Borough of Woodstown.

Status:

- **No work has been performed as of this date.**

Mr. McKelvie reviewed the issues involved with this project. A brief discussion ensued. Mr. McKelvie was asked to "Move Ahead" with this project

TIGER Funded Projects:

Track Rehabilitation – Woolwich Township - Phase VIb: Project limits: From Oldmans Trestle north to Oldmans Creek Road, approximately MP 14.40 to 13.36. Grant administration by “Triad.” Design and Construction Management by “Alaimo Group.” Construction cost estimate: \$1,500,000. Contractor: Railroad Construction Co. of South Jersey. Contract amount \$1,128,777. Contract period: June 20-September 18, 2016. Site conditions required revised storm piping. **Storm pipe work substantially complete but area requires fine grading and restoration. Status update and projected schedule reported to Triad Associates.**

Track Rehabilitation – Mannington Township: Project limits: MP 26.50 to 28.00 in Mannington Township. Grant administration by Triad. Construction cost estimate: \$1,000,000. Contractor: Railroad Construction Co. of South Jersey. Contract amount \$829,440.00. Contract period: June 20-September 18, 2016. Soft areas were encountered in the subgrade that need to be replaced. **Soil being excavated and placed along side of track. Status update and projected schedule reported to Triad Associates.**

Oldmans Trestle Replacement: Grant administration by Triad. Plans, technical specifications and construction management by “Remington and Vernick.” Contractor: South State Inc. Contract amount: \$3,000,173.50. NJDOT Grant #2205529 provides \$450,000 of NJDOT funding toward the \$500,000 local match required by the TIGER grant. **Construction complete. Remington and Vernick submitted closeout documentation to Salem County for submission to NJDOT. Kimberly Giddens of NJDOT wants to see the NJDOT invoice combined with the other project under this grant agreement. Cancelled checks requested for submission to NJDOT.**

FEMA Funded Projects:

Anchor Glass Bulkhead: FEMA funds for repair of a 300-foot section of bulkhead in the amount of \$274,726 to restore the bulkhead to pre-disaster conditions, and an additional \$151,315 for hazard mitigation improvements, for a total of \$426,041. The funding provides 90% reimbursement of eligible costs. **Extension of time granted by FEMA to October 30, 2018. Quarterly report to be prepared by Jeff Pompper.**

Mr. McKelvie reported that this project was granted a “time extension” until 10/30/2018.

DISCUSSION ITEMS:

1. *Work by bond. No discussion.*
2. *Status of Railroad feeding “Empire Concrete”. Previously discussed.*
3. *Pine Tavern Distillery – signage. Bill Miller item – on hold until Bill’s return.*
4. *Highway Opening Application and Fee Schedule. Bill Miller item – on hold until Bill’s return.*
5. *Swedesboro Road – bumps. Previously discussed.*
6. *Inter Local Agreement Cumberland County – Parvins Mill Road and Morton Avenue. No discussion.*
7. *IT Review. Mr. Ridgway reported a “full blown audit” is in progress – he is just waiting for the report.*
8. *Fire Academy – patch vs oil and stone. No discussion.*
9. *Sight Triangle, Paul Langley. Mr. Schalick reported that the bushes on Bailey Street, County Road #616 have been removed.*
10. *“Tiger” Railroad Grant issues. Mr. McKelvie stated that he had recently spoken with Tammy Wentzel and reviewed the paperwork needed for “close out”.*
11. *Rumble Strip repair options. Previously discussed.*
12. *Perkintown Road – “Podolski” e-mail. Previously discussed.*
13. *“South State” – Willow Grove and Railroad Trestle Projects. Previously discussed.*
14. *SJTPO suggestion – get project ready for “Trump” stimulus package. No discussion.*
15. *Porchtown Road, County Road #613 DEP letter. Previously discussed.*
16. *Cobbs Mill fine status. Previously discussed.*
17. *SADC ruling on Porchtown Road, County Road #613. Previously discussed.*
18. *Railroad close out issues – NJDOT Grant Agreement #2205529; and \$450K Trestle. Previously discussed.*
19. *Duck Crossing signs in Oldmans Twp. Mr. Schalick reported that the signs have been staked out – however they have not been installed because a question was raised as to whether the signs should say “Duck Crossing” or “Geese Crossing”.*

20. 2017 Oil and Stone Program. Mr. Schalick reported that he has prepared a list of roads for the 2017 Oil and Stone Program. He will send the list to the Engineer's Office for review.
21. Bailey Street, County Road #616. Mr. Schalick reported he has been requested by Mr. Johnson on Bailey Street, that the County only push snow back only to the jog line. A brief discussion – no decision.
22. Snow. Mr. Ridgway stated that he felt that Steve Schalick and all the guys at the Road Department did a good job with the weekend snow removal.
23. Dollar Tree. Mr. Ridgway gave a brief description of the facility.
24. Traffic Safety Coordinator. Mr. O'Donald reported that he believes about 2/3rds of the Sign Inventory on County Roads has been completed.
25. "South Jersey Gas". Mr. McKelvie reported that "South Jersey Gas" is going to be installing gas mains along Whig Lane Road by directional drilling with small openings every 100'.
26. "Mexichem". Mr. McKelvie reported that we received notification that "Mexichem" is seeking a "water diversion permit" from the State.
27. Miles Creek Sluice. Mr. McKelvie reported he met with Autumn at the site and the sluice is only partially working. The sluice really needs a full inspection. Mr. Schalick will be contacting Bill Castle for an estimate.

DATE OF NEXT MEETING: The next Public Works Meeting is scheduled for Tuesday, February 7th, 2017 at 1:30 PM.

A motion was made by Jeff Ridgway, seconded by Joe O'Donald, that, the meeting be adjourned. Motion carried.

Respectfully submitted,

Diana Ford

Diana Ford
Chief of Administrative Services