

**COMMITTEE / COMMISSION
MINUTE PACKET**

Public Works Committee Meeting

Date: August 6th, 2018

Those in Attendance: Freeholder Charles Hassler, Chairman
Jeff Ridgway, Director of Operations
Martin Sander, County Engineer
John Crawford, Engineering Supervisor
Ray Owens, Road Supervisor
Steve Schalick, Transit
Diana Ford, Chief of Adm. Services
Visitor: Ray Duffield (partial)

Location: Salem County Engineer's Office
Fifth Street Complex

MINUTES

1. Meeting Facilitator, Director of Operations, Jeff Ridgway.
2. Attendance was taken.
3. Visitor Ray Duffield was asked to explain the reason for his attendance at today's meeting. Mr. Duffield explained that he has a house near Camp Crockett and is interested in what is happening at the lake aka Avis Mill Pond. Mr. Ridgway explained that the County has secured a "Lake Lowering" permit. The reason for the permit was to reduce the level of lake to take the pressure off of the spillway and gate system until appropriate repairs can be made. Mr. Duffield asked about a time frame for lake restoration. Mr. Ridgway explained that the County has secured a loan from NJDEP, Dam Safety for \$1.1 Million dollars unfortunately, the cost of the spillway, bridge and gate system has risen to approximately \$2.4 Million dollars. The County does not have the funds at this time to proceed with the project. Mr. Duffield asked what happened to the project to dredge Camp Crockett Lake aka Avis Mill Pond. Mr. Ridgway explained that the dredging project was moving forward using the "Eachus Farm" for placement of spoils. Unfortunately, a snag occurred when it was realized that the "Eachus Farm" is a preserved farm and could not be used for the spoils. An alternate plan was prepared using the "Fox Farm" for the spoils. However, the increased cost to move the spoils to the "Fox Farm" made the project unable to move forward. Approximately, \$2.4 Million is needed for the dredging project alone. Mr. Duffield stated that the "Duffield Family Farm" is not preserved and would be willing to accept the spoils. Mr. Ridgway further stated that the dredging project is no longer on the short list for capital projects in Salem County. Mr. Ridgway stated that the dredging project will be revisited when preparing the 2019 Capital Project List.
4. A motion was made by Ray Owens, seconded by Steve Schalick, that, the Minutes of the July 9th, 2018 meeting of the Public Works Committee be approved as distributed. Motion carried. *
5. Resolutions to be submitted for the Agenda for the August 15th, 2018 Freeholders Meeting.
 - a. Resolution Prohibiting Normal Traffic South Main Street, County Road #672 in the Borough of Woodstown;
 - b. Resolution Amending Resolution #2018-220 Awarding a Professional Services Contract for the Preparation of a Field Survey and Base Mapping for the FY 2018 Salem County Mill and Overlay Resurfacing Program for the County of Salem FAP-2018-Salem County-02837;
 - c. Resolution Authorizing the Filing of An Amendment to the Application for State Aid to Counties Under the New Jersey Department of Transportation Local Bridge Future Needs Program for Fiscal Year 2013;
 - d. Resolution Authorizing the Execution of New Jersey Department of Transportation, Local Aid and Economic Development Agreement No. 2018-DT-BLA-FEP-434 for the Salem County Mill and Overlay Resurfacing Program; and

- e. Resolution Approving the Execution of Change Order #1, 2014 County Aid Road Program, Phase 2 for the County of Salem.
6. The Status Report prepared by County Engineer, Martin Sander will be the basis of these Minutes. Discussion items and added notes will be identified in italics.

**Status Report
August 6, 2018**

ROADS

SJTPO-FY2015

1. Cohansey-Friesburg Road, County Road #635 Resurfacing-Construction: Transportation Trust Fund funding for construction: \$1,000,000. NJDOT Job # 7010303, FAP-2015-Salem Co-02286. Cumberland County Line to Watsons Mill Road, County Road #672. Contractor: "South State, Inc." Contract amount: \$812,384.52. Paving and striping complete. DBE reports required from South State for project finalization.

2. Woodstown Road, County Road #603 Resurfacing-Construction: Transportation Trust Fund funding for construction: \$1,220,000, NJDOT Job # 7101312, FAP-2015-Salem Co-02284. Commissioner's Pike, County Road #581 to Brickyard Road. Award of Contract: June 21. Contractor: "South State, Inc." NJDOT Contract amount: \$694,405.27. Concurrence in Award received. Notice to Proceed issued for April 2, 2018. Original construction schedule submitted indicated substantial completion of the project by June 1, 2018. Revised project schedule indicates start on June 21, 2018 and completion on July 3, 2018. **Guide rail and signage remains to be installed, followed by project clean up.**

Mr. Sander reported this project is substantially complete – awaiting guide rail installation.

SJTPO-FY2016

1. Centerton Road, County Road #553 and Welchville Road, County Road #540-Construction: Transportation Trust Fund (TTF) design funding: \$100,000.00. TTF funding for construction: \$1,600,000. 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. Received fully executed agreement from NJDOT. **Contract Awarded to "Arawak Paving Company, Inc." – May 2, 2018. Award concurrence received from NJDOT. Preconstruction meeting held on June 26, 2018. Awaiting construction schedule.**

Mr. Sander reported that some of the required Shop Drawings have been received for this project and are being reviewed by "Federici & Akin" staff. We are still awaiting a Construction Schedule.

2. Hook Road, County Road #551-Design: Transportation Trust Fund design funding: \$150,000. Project includes raising a 1,000-foot long section of Hook Road and resurfacing from East Pittsfield Street in Carneys Point to Route 295. Survey services awarded to "Fralinger Engineering" and geotechnical services awarded to "TRC Engineers." Geotechnical report received. Due to permitting issues with NJDEP, project to be broken into 2 phases: Phase I, requiring no permits, and Phase II, requiring permits. Pre-application meeting held with NJDEP on June 21, 2018. **Final PS&E submitted to NJDOT for Phase I.** Plans to be submitted to Pennsville Engineer for review & comment.

Mr. Sander reported that we are awaiting the Funding Agreement from NJDOT for Phase I.

3. Watsons Mill Road, County Road #672 and New Bridge Road, County Road #623 - Design: Transportation Trust Fund design funding: \$100,000.00. NJDOT Job # 7101313, FAP-2016-Salem Co-02427. Watsons Mill Road, County Road #672 from Commissioners Pike County Road #581 to Aldine-Friesburg Road, County Road #635 in Alloway Township; and New Bridge Road, County Road #623, from 500 feet south of

Harmersville Road, County Road #658 to Beasleys Neck Road, County Road #651 in Lower Alloways Creek Township. Survey services awarded to “Fralinger Engineering.” Field survey complete, base maps received. NJDOT has accepted the PS&E submission for the project and is submitting a request for TTF authorization.

SJTPO-FY2017

1. Watsons Mill Road, County Road #672 and New Bridge Road, County Road #623 -Construction: Funding in the amount of \$1,800,000. Watsons Mill Road, County Road #672 from Commissioners Pike County Road #581 to Aldine-Friesburg Road, County Road #635 in Alloway Township; and New Bridge Road, County Road #623, from 500 feet south of Harmersville Road, County Road #658 to Beasleys Neck Road, County Road #651 in Lower Alloways Creek Township. **Authorization agreement to advertise, receive bids and award contract received from NJDOT. County to execute agreement and return to NJDOT.**

Mr. Sander reported we received the Funding Agreement from NJDOT for this project. The appropriate resolution is on the Agenda for the August 15th, 2018 regular Freeholders Meeting.

2. Centerton Traffic Signal Improvements: FY2017 Congestion Management and Air Quality (CMAQ) federal funding in the amount of \$75,000 for design and \$275,000 for construction, for signal upgrades at the intersection of Centerton Road, County Road #553 and Almond Road, County Road #540 in Pittsgrove Township. Design services awarded to “Remington and Vernick Engineers” (RVE) in the amount of \$34,487.10. Received fully executed agreement from NJDOT. Design kickoff meeting held December 12, 2017. Additional price of \$1,621.98 from “RVE” for providing traffic counts for turning movements. **Anticipated Project Schedule: Advertisement-09/18/2018; Bid Receipt - 10/02/2018; Contract Award - 10/30/2018.**

Mr. Sander reported “R&V” are submitting the final “package” to NJDOT for review and funding. The newest revised project schedule from “R&V” is: Advertisement – 9/18/2018; Receipt of Bids – 10/2/2018; and Contract Award – 10/30/2018.

SJTPO-FY2018

1. Hook Road, County Road #551 Resurfacing-Construction: Federal construction funding:
Phase I: \$1,250,000± (reduced from \$2,000,000) for resurfacing from East Pittsfield Street in Carneys Point to Route 295, with low section in middle postponed to Phase II.
Phase II: Will reapply for funding (\$500,000±) in 2019 to raise road between sections done in Phase I.

2. Willow Grove Road, County Road #639 Design: Funding in the amount of \$ 1,500,000 (construction)/\$150,000 (design). Willow Grove road from Centerton Road to the County Line.

Project Schedule:

1. Received sealed RFPs for survey.
2. Review Committee recommended award to Taylor Wiseman Taylor.
3. Recommendation of award submitted to DOT along with support documentation, awaiting NJDOT concurrence.
- 4. Submit Resolution of Award to NJDOT.**

Mr. Sander explained that the documentation we submitted to NJDOT awarding this project to “Taylor Wiseman & Taylor” was reviewed and an error was discovered. Local Aid requested a new Staffing Plan from “Taylor Wiseman & Taylor”. Upon receipt of the revised staffing plan a reduction was realized in the Project cost. The cost was reduced from \$44,862.16 to \$43,880.70. The change in cost requires a new Resolution from the Freeholders. That resolution is on the Agenda for the 8/16/2018 Freeholders Meeting. Once all documentation is submitted to NJDOT and approved. We will schedule a “Kick-Off Meeting”.

3. **Five Points and Six Points Roundabout Projects:** SJTPO plans to submit applications to NJDOT for funding of both roundabout projects. Projects are being submitted to Traffic Data & Safety for review before they will be evaluated by a Technical Review Committee comprised of the NJDOT Bureau of Environmental Program Resources (BEPR), Local Aid, Traffic Data & Safety, as well as FHWA. SJTPO anticipates authorization of Federal funding for both projects in FY 2018. Funding for Design, Construction, and Construction Inspection will be included within the applications. Six Points will be submitted as part of the Local Safety Program, Five Points will be submitted as part of the Roundabout Pilot program. Salem County to be lead agency for the Six Points project.

4. **SJTPO Regional Roundabout Feasibility Assessment:** SJTPO is considering pursuing an HSIP-funded technical study with NJDOT to do a regional feasibility assessment to identify locations that would be eligible to advance HSIP-funded construction of modern roundabouts. The result would be a complete list of locations eligible for HSIP-funded roundabouts and would advance up to ten locations for HSIP-funded construction.

SJTPO-FY2019 through FY2022

Salem County Mill and Overlay Resurfacing Program: \$1,500,000 per year available for construction and \$150,000 for field survey and in-house design.

NJDOT Funded County Aid Projects:

2012 County Aid: NJDOT Funding:

1. **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. Project limits extended north of East Lake Road to meet recently paved section just south of Hungry Hill Bridge. Project substantially complete. Completion of punch list needed. Washout of a portion of the roadway has occurred; quotes for repair solicited. Piping and filling in of a hazardous ditch along the road to be performed by Public Works Department.

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 total now \$2,363,318.87 after Change Orders 1 - 8.**

1. Alloway-Woodstown Road, County Road #603 from Bailey Street to Liberty Avenue; Construction complete.
2. Woodstown-Pedricktown Road, County Road #602, from Pennsville-Auburn Road, County Road #551 to Freed Road; Construction complete. Repair needed: base failure and pipe under roadway causing sinkhole to form. Change Order #8 from Pierson to perform repair work approved by NJDOT.
3. Hollywood Avenue, County Road #618, from US Route #130 to Pennsville-Auburn Road, County Road #551. Construction complete. Guide rail completed at intersection with South Golfwood Avenue. Resident complaint from Mariano Massari (856-381-9920) who would like it removed.

Mr. Sander reported “Pierson” will be making the required repairs to Woodstown-Pedricktown Road, County Road #602 once they mobilize to start work on the 2015 County Aid Project.

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

Phase 1:

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;

Project awarded to South State Inc. in the amount of \$1,219,818.92. Pre-construction refresher meeting held March 27, 2018. Notice to Proceed: May 14, 2018. **Under construction. Concrete failing compression tests.**

Phase 2:

4. West Mill Street, County Road #642 in Pedricktown from Straughens Mill Road, County Road #643 to Railroad Avenue, County Road #602, **Under construction. UST discovered on West Mill Street, NJDEP notified, LSRP contracted, UST removed, awaiting results of soil testing. Curb/sidewalk replacement to be modified, dependent upon funding.**
5. State Street, County Road #634 in Penns Grove from Beach Avenue to West Main Street, County Road #675. **Under construction.**
6. South Golfwood Avenue, County Road #601 in Carneys Point from Georgetown Road to Hollywood Avenue; **Under construction.**

Project awarded to South State Inc. in the amount of \$894,168. Pre-construction meeting held March 27, 2018. Notice to Proceed: April 30, 2018. **Concrete failing compression tests.**

Mr. Sander reported we have been getting reports back from the testing company that the concrete poured by "Capital Concrete", a subcontractor for "South State, Inc.", has been failing the compression tests. A brief discussion ensued. Any concrete not passing the compression test will have to be removed and re-poured. All bad concrete is on the contractor – the County will only pay for the concrete once.

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

1. Penns Grove-Pedricktown Road, County Road #642 in Oldmans Township from Route 130 to Straughens Mill Road, County Road #643. **Base Bid.**
2. Pennsville-Auburn Road, County Road #551 in Carneys Point from NJ Route #48 to Georgetown Road. **Base Bid.**
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. **Base Bid.**
4. Telegraph Road, County Road #647 in Quinton from County Road #540 to NJ Route #49. **Base Bid.**
5. North Broad Street, County Road #607 in Penns Grove and Carneys Point from Main Street to NJ Route #130. **Base Bid.**
6. Dutch Row Road, County Road #611 from US Route #40 to the Gloucester County line. **Base Bid.**

NJDOT Plan approval received. "Alaimo Group" design Project advertised for bids: April 9, 2018; **Schedule: Bid opening: May 1, 2018; Contract awarded (base bid only): May 16, 2018 to "Richard E. Pierson Construction Company, Inc."** Award concurrence received from NJDOT. **Preconstruction meeting scheduled for August 18, 2018.**

Mr. Sander reported we finally received NJDOT award concurrence for this project. The Pre-Construction Meeting has been scheduled for Tuesday, August 21st, 2018.

2016 County Aid: NJDOT grant funding in the amount of \$2,365,000.

Roads included:

1. Alvine Road, County Road #655 from Almond Road, County Road #540 to Route 56 in Pittsgrove Township, including drainage improvements at low areas.
2. Gershal Avenue, County Road #638 from Route 56 Garden Road, County Road #674 in Pittsgrove Township.
3. Quinton-Alloway Road, County Road #581 from Route 49 to Greenwich Street, County Road #540 in Quinton and Alloway Townships.
4. Pennsville-Pedricktown Road, County Road #601 from Perkintown Road, County Road #644 to Penn grove- Pedricktown Road, County Road #642 in Oldmans Township.

Alaimo Group prepared survey and base mapping, and started design. Federici and Akin completed design and will manage construction. PS&E submitted to NJDOT.

Mr. Sander reported these Plans and Spec's are being reviewed for submission to NJDOT.

2017 County Aid: NJDOT grant funding in the amount of \$2,399,200.

1. Quinton-Alloway Road, County Road #581 from NJSH#49 to Woodstown-Alloway Road, County Road #603. Limits need to be reduced to include only from Greenwich Street, County Road #540 to Woodstown-Alloway Road, County Road #603 due to overlap with 2016 County Aid project.
2. Pennsville-Auburn Road, County Road #551 from NJSH#140 to Georgetown Road, County Road #629.
3. Salem County Railroad Port Area Improvements, from Fifth Street to West Broadway. More information under Railroads.
4. Guide rail at some minor bridges may be added to the project.

Survey started. “Federici and Akin” to initiate design in August, submission of PS&E in late fall (tentative).

Mr. Sander reported that “Federici & Akin” has begun the survey work on this project.

2018 County Aid: NJDOT funding to be provided to Salem County under this program is \$4,842,538. SAGE applications were submitted prior to 1 February 2018 cutoff:

1. Monroeville Road from Elmer-Richwood (CR609) to the Salem/Gloucester County line;
2. Haines Neck Road from Hawks Bridge Road (CR540) to Pointers-Auburn Road (CR646).
3. Salem-Fort Elfsborg Road, Fort Elfsborg Rd (CR624) to Elsinboro Township-Salem City line.
4. Alloway-Aldine Road from East Main Street (CR581) to Remsterville Road (CR656)
5. Priority bridge repairs: Richmanville Bridge;
6. Guide rail at minor bridges.

Design to be initiated at notification of funding.

2018 NJDOT Local Freight Impact Fund: Proposed project: Resurfacing of Straughns Mill Road, County Road #643 from Route 295 to Penns Grove Pedricktown Road, County Road #642, and repairs to the Straughns Mill Road Bridge at Beaver Creek. Funding application submitted through SAGE on 12/19/17 in the amount of approximately \$1.1M.

Mr. Sander reported that this Office has not received any communication in regard to this Grant Application submission.

BRIDGES

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” proceeded with design of seven (7) remaining locations. Permit has been received for one (1) location, Pleasant Hill Bridge, CB #1701-088. “Federici and Akin” will work with DEP to satisfy review comments from previous submissions; and prepare the permit applications for the remaining sites. “F&A” has submitted a Proposal for bridge scouring projects. **Continued availability of NJDOT funding (\$1,000,000) in question due to failure to expend funds as required. “F&A” has received approval for Design, Permitting and Construction Management of Pleasant Hill Bridge (#1701-008). County is requesting inclusion of Murphy’s Bridge and Jesse Bridge in 2013 NJDOT Local Bridges, Future Needs Program to make up funding shortfalls.**

Mr. Sander explained that NJDOT has indicated that the funds under this Grant must be used or they will be lost. A resolution has been prepared for consideration at the August 16, 2018 Freeholders Meeting. The resolution, if adopted, will approve “Murphy’s Bridge” and “Jesse Bridge” being added as approved projects under this funding source. Once approved by NJDOT – we will be able to encumber some of the money for the “Murphy’s Bridge Project” which will show an expenditure in the grant and will reserve the funds. A brief discussion ensued. Pleasant Hill Bridge will still be repaired under this grant.

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 by “Remington & Vernick Engineers” in the amount of \$97,525.00. Flood Hazard Area Permit, Freshwater Wetlands Permit and Soil Erosion Certification received. Easements prepared by Mike Mulligan. Comcast & Verizon poles need to be relocated. Electric service stops on each side of the bridge. There is an NJDEP water restriction for May and June. **Road to be closed for 120 days. Contract awarded: May 16, 2018 to “Richard E. Pierson Construction Company, Inc.”. Initiation of construction: July 5, 2018. “F&A” will perform Construction Management and Inspection.**

Mr. Sander reported that “Shop Drawings” for this project are being reviewed. There have been questions from local entities about the length of the project. Mr. Sander explained that the bridge will be entirely closed for about 150 days.

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. Approximately 5,000 SF of Riparian Zone mitigation along Muddy Run required as a condition of the NJDEP Flood Hazard Permit. Possible location: Deer Pen Park in Pittsgrove Township. Pittsgrove Township indicates that since Deer Pen Park property was acquired through the Frank H. Stewart Trust from the National Bank and Trust Co. of Gloucester County, mitigation on the property may not be possible, and may be required at another location. **Mitigation investigation and report not funded; Project scheduled to be bid 9/1/2018, subject to approval of proposed mitigation.**

Mr. Sander explained that additional funds are requested by “Churchill Engineers” for the preparation of the “Mitigation Report”. Estimated cost - \$35,000.00. A brief discussion ensued about “Deer Pen Park” and the possibility of this area being used for mitigation. No decision made at this time. Stan Bitgood, “F&A” is investigating on behalf of the County.

2017 NJDOT Local Bridges, Future Needs Program: Salem County received NJDOT funding in the amount of \$1,000,000 for repair or replacement of Centerton Bridge, which is functionally obsolete.

2018 NJDOT Local Bridges, Future Needs Program: Application submitted through SAGE for repair or replacement of Centerton Bridge. **Salem County’s allotment under this program is \$1,259,308.** “F&A” will perform design, construction management and inspection for Centerton Bridge repairs.

Bridges Requiring Priority Repairs: Priority repair recommendations received for major and minor bridges. Quarterly reporting on major bridge priority repair status is now required by FHWA and NJDOT and is due May 15, August 15, November 15 and February 15. Met with Road Department to discuss repairs that can be performed by the Road Department. Additional repairs require design and funding for completion by contractors. Priority repairs included in the 2018 County Aid funding application submitted.

Richmanville Bridge, County Bridge #1704-123, on Woodstown-Daretown Road, County Road #615: Repairs needed to timber piles and sheeting. Repair details being prepared. This project was included in the 2018 County Aid funding application submitted. Easements will be required. **“F&A” submitted a proposal for design, permitting and construction management.**

Bridges Requiring Guide Rail: Annual program for installation of bridge guide rail using NJDOT County Aid funds to be prepared. Some bridge guide rail included in the 2018 County Aid funding application submitted. Salem County Engineer’s Office has toured/inspected the County and is preparing a report with prioritized future guide rail work locations.

DAMS

Black Road Dam 30-30

Mannington Township
Hazard Class: Low
Owners: Mannington Township, Catalano and Holliday
Last inspected: 2017 by “Alaimo Group”
Next inspection due: 2021
EAP: To be submitted by October 2017.
O&M: To be submitted by October 2017.
Condition: Poor.

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: 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: 2017 by “Alaimo Group”. Inspection report completed and submitted.
Next inspection due: 2019
EAP: Done.
O&M: Done.
Condition: Poor.

Ballinger’s Mill Pond Dam 30-13

Alloway Township
Hazard Class: Significant
Owners: BSA Southern NJ Council
Last inspected: 2017 by “Alaimo Group”. Inspection report completed and submitted.
Next inspection due: 2019
EAP: Done.
O&M: Done.
Condition: Poor.

Algonkin Dam 30-22

Upper Pittsgrove Township
Hazard Class: Significant
Owners: “Bancroft NeuroHealth”
Last inspected: 2017 by “T&M Associates.”
Spillway Design Storm Report, prepared by McCormick Taylor, September, 2017.
EAP: Prepared by “T&M Associates,” December 2009, updated September 2012.
O&M: Prepared by “T&M Associates,” April 2010.
Condition: Poor.

Slabtown Lake Dam 30-23
Upper Pittsgrove Township
Hazard Class: Low
Owners: Township of Upper Pittsgrove, Jodi and Mark Leonetti.
Last inspected: 2017 by “Alaimo Group”
Next inspection due: 2021
EAP: N/A
O&M: To be prepared by April 2018
Condition: Poor

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

Pilesgrove Township
Hazard Class: Low
Owners: Salem County
Last inspected: 2017 by “Alaimo Group”. Inspection report completed and submitted.
Next inspection due: 2019
EAP: None.
O&M: None.
Condition: **Unsatisfactory**

Design for rehabilitation by “Churchill.” There is a \$1.3M loan for this project, under the 2004 NJDEP Dam Restoration Loan Program. Interest rate: 2%; term: 20 years. Approximately \$300,000 of funds have been spent on engineering and permitting; **an additional \$1,000,000 is required** (Latest cost estimate is approximately \$2,000,000). Dam Safety has downgraded the dam to “Low Hazard”; consequently, additional funding is not available from Dam Safety. Draft O&M Manual prepared by the Salem County Engineer’s Office. NJDEP Dam Safety and Freshwater Wetlands permits received. Approval of easements from NJDEP Green Acres is required. Dam Safety permit expired April 24, 2018. Information requested by Green Acres for easements has been forward to “Churchill” for response. The lake will be lowered by 16” due to deteriorated sheeting. **An application for Discretionary Aid is being prepared and will be submitted; this should be accompanied by endorsements from Pilesgrove and the Boy Scouts and a Resolution from the Freeholders authorizing the application and construction operations.**

Mr. Sander announced the application should be ready for submission in September. A resolution will be submitted to the Freeholders for authorization to submit the application when it is ready.

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.
Note: Resident questioning water level in lake

Willow Grove Dam 31-23

Pittsgrove Township
Hazard Class: Significant
Owners: Nature Conservancy
Last inspected: 10/29/10
Rehabilitation design by “Pennoni”. Rehabilitation construction contract amount: \$3,731,607.21. Contractor: “South State, Inc.” Federal funding: 80%; County match: 20%. Construction complete. Final payment approved by Freeholders on 9/20/17. As-built plans completed and submitted to NJDEP Dam Safety.

Palatine Lake Dam 31-8

Pittsgrove Township

Hazard Class: Significant

Owners: Palatine Lake Homeowners Association

Last inspected: 2017 by “Alaimo Group”. Inspection report completed and submitted.

Next inspection due: 2019

EAP: Done. O&M: Done.

Condition: **Poor**

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: April 2017 by “Alaimo Group”

Next inspection due: 2021

O&M: Needs to be prepared and submitted by October 30, 2017.

Condition: Fair.

West Branch Dam 34-27

Lower Alloways Creek Township

Hazard Class: Low

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: 2008

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

Design contract for decommissioning awarded to “Pennoni Associates” in the amount of \$56,140. “Pennoni” has completed the field survey and wetlands investigation. Wetlands report completed; H&H completed for existing and dam breach including Thundergut Pond Dam. **Design ongoing; Additional owners, not previously identified, to be notified of the proposed dam decommissioning and lake dewatering. Awaiting action from Pennoni.**

Mr. Sander reported that the additional property owners were not identified at the time of the lawsuit. A brief discussion ensued. It was suggested that the additional owners be notified that they may be liable for a share of the cost – using Certified Mail.

STORMWATER

Stormwater Pump Station, 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 amount is \$990,000 with a County match of \$110,000. NJOEM assisted in the preparation of a benefit-cost analysis (BCA), and appears confident that the project will receive funding. Additional information provided to NJOEM on 3/14/17. BCA approved. Application is with NJOEM for submission to FEMA. “F&A” has submitted proposal for Design/Permitting/Construction; RFPs prepared for Archaeological and Geomorphic studies.

A brief discussion on the status of this project. Outcome: not officially rejecting the project at this time – but interest in moving forward was low.

ENVIRONMENTAL

Gateway Business Park Biennial Certification: Contract awarded to: “Pennoni Associates” in the amount of \$2,500. Additional funds were authorized in the amount of \$3,175. The Remedial Action Permit has been received. The next scheduled date for biennial certification is due December 7, 2019. “Pennoni” has received additional compensation of \$2,200 for their extra work in responding to NJDEP’s requests, for a total contract amount of \$7,875.

TRAFFIC

1. SJTPO Funded Traffic Studies: The SJTPO FY2018 Salem County Sub-Regional Planning Grant includes \$24,000 for consultant studies. The funding is to be used for various intersections and road analyses by a traffic consultant. Awarded to “Remington and Vernick” in the amount of approximately \$21,700 for four (4) locations, including Parvin Mill Road, Watsons Mill Road at Commissioners Pike; Route 40/45/Bailey Street; and the intersection of Welchville-Alloway Road and Acton Station Road in Alloway. At the request of Pennsville Township a signal warrant analysis for the intersection of Hook Road and East Pittsfield Street was added to the scope of work, at approximately \$2,500, keeping the contract below \$24,000. Traffic studies received. Recommendations under review in the Engineer’s Office to identify items that may be completed by the Road Department.

Mr. Sander to review reports and submit recommendations to this Committee.

2. Lower Alloways Creek Crosswalk: A crosswalk has been requested by Lower Alloways Creek Township across Locust Island Road at the post office. A resolution of the governing body was submitted. Crosswalk study under review by Engineer.

MISCELLANEOUS

ARC of Salem County: Grant administrator: “Triad Associates.” The project is parking lot resurfacing, striping ADA improvements and site lighting. Amount of CDBG funding: \$300,000 of which \$250,000 is for construction, \$15,000 (5%) is for grant administration, and \$35,000 (12%) for engineering. Contractor: “South State, Inc.”. Contract amount: approximately \$254,000 including site lighting and electrical work. Change Order No. 1 in the amount of \$250.00 for detectable warning surface quantity adjustment approved by the Freeholders on 9/20. Paving completed. Project completed. Status of wage compliance needs to be confirmed with “Triad”.

Mr. Sander reported a hole has presented itself along a portion of sidewalk in this project. An e-mail was sent to "South State, Inc." for repairs to be made as soon as possible.

SJTPO FY18 Port Area Planning Study: SJTPO awarded a contract to "AECOM" for a multimodal transportation planning study of the Salem Port area. The study describes the existing operations of the port and make recommendations for improvements to rail, water and roadway infrastructure improvements. The existence of this study will form the basis for future funding applications. Study has been completed.

RAILROAD

1. Salem County Railroad Port Area Improvements:

Project includes railroad rehabilitation from Fifth Street to West Broadway in Salem City; and replacement of bulkhead behind the former Ardagh (currently Polk) glass building. The owner has requested two (2) secondary tracks along the building. This would require some additional design work to determine if it is feasible, and if so, to make changes to the plans in order to accommodate the secondary track. One of the secondary tracks (if construction is feasible) would require redesign/relocation of part of the back sheet pile wall and redesign/relocation of the drainage inlets/piping system along the back of the wall. Additional design and construction costs would be the responsibility of the property owner.

Engineering Services

- Award of contract to "Alaimo Group" 2/21/18. Subconsultant agreement with the LSRP has been signed.

Funding

- NJDOT FY2018 Local Aid Infrastructure (LAIF) funding in the amount of \$3,000,000.
- NJDOT County Aid 2017 includes this project for additional funding.
- 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. FEMA deadline for completion: October 30, 2018. FEMA Quarterly Report submitted for the period October 1-December 31, 2017.
- Inspection and material testing costs are eligible for reimbursement to the County under the 2017 NJDOT County Aid Funding up to 15% of the construction cost, or up to \$519,720.85 based on the contract amount.
- The "Alaimo Group" requested reserving construction funding in the 2017 County Aid program for up to \$200,000.00 in the event extra work is necessary.

Permits/Environmental

- NJDEP CAFRA permit received.
- NJDEP General Permit-By-Rule 10 (online permit) received for bulkhead replacement.
- SESC Certification received.
- NJPDES 5G3 Stormwater Construction Permit (online permit) received.
- Deed notices and remedial action permit identified by Gary Brown, LSRP, "RT Environmental".
- "Alaimo Group" has retained "RT Environmental" as LSRP for the railroad/bulkhead project:
 - ❖ Services to be provided:

- Preparation of a Soil and Concrete Reuse Plan due to the deed notice and remedial action plan, and providing proper Notice to NJDEP. Reuse Plan prepared by “RT Environmental”.
 - Determination of whether soil can be removed from the site as per the contract. “RT Environmental” indicated that soil removal should be able to take place as per the contract.
 - Excavation oversight.
 - Review of excavated materials, required soil testing and disposal locations. Contractor’s soil sampling plan submitted to “RT Environmental” for review.
 - LSRP Report to NJDEP to document proper project completion and material disposal.
 - Attendance at meetings as needed.
- Dewatering: Excavation of material along the bulkhead may necessitate dewatering. Discharge of this water into the Creek may not be allowed; that there is an existing NJPDES-SIU permit for discharge of wastewater and contaminated storm water to the Salem City treatment plant; and that dewatering discharge may be able to be treated via this system. Upon review of the Deed Notices provided by “RT Environmental”, it does not appear that the Deed Notices affect the area to be excavated for the bulkhead construction.

Easements

- Easements needed from “Polk” and “Aluchem” for work on their properties.
- Mike Mulligan prepared an easement for the “Ardagh” site and sent it to Gary Brown for signature by “Polk”. Property owner: 83 Griffith St, LLC with the address being: Harold Polk, Jr., 3333 Allen Parkway, Houston, TX 77019. “RT Environmental” indicates that Polk has signed the easement and returned it to Mike Mulligan for execution by the County. Finalized easement to be approved by the County by resolution.
- Still need easement from “Aluchem”. Apparently the owner objects to the easement. Eminent domain has been filed and construction may proceed. “Aluchem” is not expected to contest eminent domain.

Construction

- Contractor: “Richard E. Pierson Construction Company, Inc.”. Contract Amount: \$3,464,805.65.
- Preconstruction meeting held 12/12/17; Notice to Proceed issued effective 12/26/17. Contract Period: 180 days.
- Submittals received from Contractor for review are being processed. Construction schedule on hold pending resolution of easements and environmental/soil issue.
- RFI#1 from Contractor: There is a secondary track located at Approx. Sta 10+00 to Sta. 5+50, which is not detailed on the plans. The secondary track is located in between the existing main track and the building. A good portion of the track is buried, but it appears to be in conflict of new 15” RCP drainage run. “RT Environmental” received permission from “Polk” to work with us on this issue.
- Deed Notice requirements and restrictions were provided to “Pierson” for their use.
- “RT Environmental” is reviewing “Pierson’s” request for use of the “Heinz” site for sheeting storage area.

- Meetings are being scheduled with “Pierson” and “RT Environmental” to review status and schedule.

2. NJDOT Grants #7100322 and #7115325 - Salem Branch Railroad Chestnut Run Culvert Replacement and Railroad Rehabilitation Phase 8, MP 17.11 to 17.64, Woodstown Borough

- Project funding (Culvert): Total = \$490,222.00, State funding is 90%, Sponsor share is 10%.
- Project funding (Railroad): Total= \$747,600, State funding is 90%, Sponsor share is 10%.
- In-kind replacement of 105” corrugated metal culvert pipe.
- Field survey completed by “Alaimo Group”
- Design to be obtained and permit applications to be prepared by “Alaimo Group”.
- Bid items for each grant to be kept separate.
- NJDOT deadline for completion: 9/21/18. Status update requested by Kimberly Giddens of NJDOT Multimodal Grants and Programs.
- “Alaimo Group” requested a 6-month extension of time for completion. NJDOT has denied the requested extension. “Alaimo Group” cannot complete the Culvert Replacement project on time; “Alaimo Group” intends to proceed with RR Rehab Phase 8, with a required completion date of November 4, 2018. NJDOT has suggested, if completion is not achievable by the due dates, that the County apply for funds for the project(s) for the 2019 program.
- **“Alaimo Group” will continue with Railroad Rehabilitation Phase and bids were received on July 17th, 2018 with award by the Freeholders on July 18th, 2018. Contract was awarded to “Railroad Construction Company of South Jersey, Inc.”. Current funding for the culvert replacement will be terminated. “Federici and Akin” will apply for a 2019 Grant for the culvert replacement.**

3. NJDOT 2018 Rail Freight Assistance Program: Funding application submitted 9/15/17. Grant received in the amount of \$6,014,192.49 (90%), subject to a County match of \$668,243.61 (10%). **“F&A” has provided a proposal to complete this work. Grant was awarded May, 2018; Construction must be completed by May, 2020 or grant may be lost. Construction operations will take about one year.**

4. TIGER Funded Track Rehabilitation – Woolwich Township - Phase VIb: Project limits: From Oldmans Trestle north to Oldmans Creek Road, approximately MP 14.40 to 13.36. Contractor: “Railroad Construction Co. of South Jersey” (RCC). Contract amount \$1,128,777. Work completed. Final change order and estimate for final payment to “RCC” to be submitted by “Alaimo Group”.

Mr. Sander reported that this project is complete all monies have been paid to contractor.

5. TIGER Funded Track Rehabilitation – Mannington Township: Project limits: MP 26.50 to 28.00 in Mannington Township. Contractor: “Railroad Construction Co. of South Jersey.” Contract amount \$829,440.00. Work completed. Final change order and estimate for final payment to “RCC” to be submitted by “Alaimo Group”.

Mr. Sander reported that this project is complete all monies have been paid to the contractor.

6. The Borough of Woodstown has proposed replacement of an existing 24" RCP that crosses two (2) sets of parallel railroad tracks between Broad Street and E. Grant Street due to poor condition and limited capacity with a new, larger pipe (although the replacement pipe is identified as a 24" DIP under the railroad tracks and 24" RCP otherwise). Due to site constraints, pipe replacement under the railroad tracks would be through trench excavation, rather than "jack and bore" construction, requiring removal, replacement and reinstallation of rails, ties, ballast and subgrade. We are coordinating with the Borough Engineer on project design to ensure that drainage and strength requirements are met. **Awaiting plans and calculations from Woodstown Engineer.** Note: Woodstown may choose to postpone construction to coincide with the continuation of railroad rehabilitation under the NJDOT 2018 Rail Freight Assistance Program, if NJDOT Grant remains available.

Mr. Sander reported he has not received plans and calculations from Woodstown Borough Engineer. Mr. Sander explained that the Borough of Woodstown would like to install a 24" reinforced concrete pipe under the railroad to relieve a drainage issue.

DISCUSSION ITEMS:

Engineering:

Mr. Sander and Mr. Crawford reported on the emergency repair to the "Sinnickson Landing Tidegates". The gate on a 42" reinforced concrete pipe fell off. "Castile" was able to make a temporary fix to stop the flooding of properties in the area. The original pipes were installed in the 1960's; pipe extensions were constructed around 1983-1984. A brief discussion ensued. A meeting has been scheduled with Bill Castile of "W.J. Castile & Associates" for August 7, 2018 at 9:00 AM in this Office to review what actions are needed.

Mr. Crawford reported that Miles Creek is in jeopardy of breaching in Pennsville Township. A site meeting was recently held with Jack Lynch and Mayor McDade where repairs were discussed. Pennsville Township is asking for the County's assistance in the form of County Equipment to get the repairs made. A brief discussion ensued. Mr. Ridgway and Mr. Owens will discuss further with Pennsville Township. No "Shared Services" Agreement will be needed.

Mr. Crawford reported on the status of the Underground Storage Tank (UST) found during the concrete work on West Mill Street in Pedricktown. The tank has been removed and we are awaiting reports on possible contamination in the area of the tank. It is possible that "wells" will have to be established for periodic monitoring. Mr. Crawford explained further that he had "South State, Inc." reinforce the front porch of the structure in the location of the UST. He was concerned with the rain that the porch was being undermined. Mr. Crawford also stated that we were just informed by Oldmans Township that the property the UST is on was sold in February, 2018 to Mr. Lamarr Cherry of Camden, NJ.

Mr. Crawford reported on the driveway issue on Alloway-Woodstown Road. The project is complete and the property owners seem "happy" with the work. Although they continued to request additional items throughout the course of the repairs being made. A brief discussion ensued. Mr. Crawford was asked to get a letter from the property owners stating that they accept the work as final.

Mr. Crawford asked whether there would be an "Oil and Stone" program this year. He has a list of potential roads: Jericho Road; Whig Lane Road; and Lighthouse Road. After a brief discussion it was decided that there was not enough time to start the process for an "Oil and Stone" program this year.

Mrs. Ford reported that we received the report back from our Annual Stormwater Inspection. The County received a "Violation Notice". Actions are needed to be taken to satisfy inspection.

Mrs. Ford reported we received an e-mail notice from "Cumberland County" that there are repairs needed on Buckhorn Bridge. A brief discussion ensued. This bridge is being investigated to be closed permanently; why make repairs to a bridge that is going to be closed? Mr. Sander reported he sent an e-mail respond to "Cumberland County" suggesting the bridge be closed now or a sign installed with a ½ ton weight limit. As of this date he has not received a response.

Mrs. Ford reported she still has not had any response from Pilesgrove Township concerning the proposed Shared Services for the installation of “No Jake Brake” signs on Swedesboro Road. The appropriate resolution will be prepared as soon as the executed “Share Services Agreement” is received from Pilesgrove Township.

Mrs. Ford reported that she has received a letter of support from “Mannington Township” for the “Stand Up for Salem” “5th Annual Cow Run”. However, before the County can adopt a resolution approving the use of our roads – we need a resolution or letter of support from “Pilesgrove Township”. Mrs. Ford spoke to Chris Davenport, “Stand Up For Salem” and let him know why the delay. Mr. Davenport reported he would reach out to Pilesgrove Township.

Mrs. Ford reported the following requests have been received from Municipalities:

1. Pittsgrove Township – requested a “Traffic Study” of the intersection of Garden Road and Centerton Road. A brief discussion ensued. Mr. Ridgway and Mr. Sander will investigate.
- Pittsgrove Township - requested a “Bus Stop Ahead” sign on Centerton Road. Mr. Owens will investigate.
- Borough of Woodstown - requested a “Speed Limit” sign on Old Salem Road. Mr. Owens will investigate.
- Borough of Elmer - requested due to deteriorated conditions of North Broad Street – that it be consider for resurfacing. A brief discussion ensued. Mrs. Ford was asked to send a letter to the “Borough of Elmer” acknowledging their request and consideration will be given during the next phase of County Aid projects.
- Alloway Township - requested the installation of “Flashing Speed Limit Signs” on County Roads #540 and #581. Mrs. Ford was authorized to send a letter to “Alloway Township” with a “Shared Services” agreement; wherein the Township will purchase the signs, and pay all bills associated with the signs, maintain the signs and replace the signs; and the County will install the signs.
- Alloway Township - requested “No Engine Braking” signs. A brief discussion was held. Mrs. Ford was authorized to send a letter to Alloway Township requesting a copy of their approved “sound ordinance”; once received the County will re-investigate the request.

Bus/Rail Road:

Mr. Schalick reported that the new 5-Year Plan Contract for \$10.2 Million Dollars was submitted to the State.

Mr. Schalick also reported that he is in need of Part-Time Bus Drivers. The Drivers must have a CDL license. The starting rate is \$19.80. Unfortunately, the schedule is “fluid” – no set schedule – the job is a “call-in” as needed position.

Public Works:

Mr. Owens reported that his “Forces” are starting the Line Painting project today.

Facilities Management:

Mr. Ridgway reported that a window air conditioner was stolen from the Johnson Building over the weekend. Thanks to the camera system the vandals were identified by local police and apprehended. A new “window air conditioner” has been purchased for the Johnson Building.

Mosquito: No items.

Planning Board: No items.

Shared Services: Freeholder Hassler asked for suggestions for possible “Shared Services” with the Municipalities. Suggestions made: dog catcher; and deer carcass removal. All were asked to think about it and present any ideas at the next Public Works Committee Meeting.

DATE OF NEXT MEETING: *Freeholder Hassler asked for a change in the time of the Public Works Committee Meetings. A brief discussion ensued. A motion was made by Jeff Ridgway, seconded by Martin Sander, that, the time for the regular Public Works Committee Meetings be changed from 1:30 PM to 10:00 AM. Motion carried. * The next meeting of the Public Works Committee is scheduled for TUESDAY, SEPTEMBER 4TH, 2018 at 10:00 AM.*

*A motion was made by Martin Sander, seconded by John Crawford, that, the meeting be adjourned. Motion carried. **

Respectfully submitted,

Diana Ford

Diana Ford

Chief of Administrative Services

**Solicitor Mulligan – recused himself from all motions made and votes taken*