

# Public Works Committee Meeting

**Date:** September 4<sup>th</sup>, 2018

**Those in Attendance:** 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

**Location:** Salem County Engineer's Office  
Fifth Street Complex

## MINUTES

1. Meeting Facilitator, Director of Operations, Jeff Ridgway.
  2. Attendance was taken.
  3. A motion was made by Ray Owens, seconded by Steve Schalick, that, the Minutes of the August 6<sup>th</sup>, 2018 meeting of the Public Works Committee be approved as distributed. Motion carried.
  4. Resolutions to be submitted for the Agenda for the September 5<sup>th</sup>, 2018 Freeholders Meeting.
    - a. RESOLUTION ADOPTING AN IMPROPER DISPOSAL OF WASTE INTO STORM SEWERS ALONG COUNTY ROADS POLICY AND PROCEDURE; and
    - b. RESOLUTION ADOPTING AN ILLICIT CONNECTION TO STORM SEWERS ALONG COUNTY ROADS POLICY AND PROCEDURE.
- Mr. Ridgway reported that a resolution has been submitted for the 9/5/2018 Freeholders Meeting – appointing him as the Salem County EEO Officer as required by "Title 6". The appointment is over 12/31/2018.
5. The Status Report prepared by County Engineer, Martin Sander was presented for review. Discussion items and added notes will be identified in italics.

### **Status Report September 4, 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.

### **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. Construction ongoing.**

**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 accepted by NJDOT for Phase I; awaiting federal authorization.** Plans to be submitted to Pennsville Engineer for review & comment.

#### **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.**

**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. 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.**

### **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 and Taylor”.
3. Recommendation of award submitted to DOT along with support documentation, awaiting NJDOT concurrence.
4. **Awaiting award concurrence for survey RFP from NJDOT.**

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. **Comments on RFP submitted to SJTPO.**

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. Change Order #8 from Pierson to perform repair work approved by NJDOT. **Two areas of base failure and pipe under roadway causing sinkhole to form were repaired.**
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.

**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; **Under construction.**
2. Deerfield Road, County Road #540 in Pittsgrove from Centerton Road, County Road #553 to the Cumberland County line; **Under construction.**
3. Bailey Street, County Road #616 in Woodstown from US Route #40 to South Main Street, County Road #672; **Under construction.**

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. **Concrete failing compression tests; in situ testing being performed.**

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, soil testing completed, groundwater monitoring to be performed. Quote for groundwater monitoring received from "CTM".** Curb/sidewalk replacement 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. Concrete failing compression tests; in situ testing being performed.**

**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 "R.E. Pierson Construction Company, Inc."** Award concurrence received from NJDOT. **Preconstruction meeting held August 21, 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.

**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 September, submission of PS&E in late fall (tentative).**

**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 Straughens Mill Road, County Road #643 from Route 295 to Penns Grove Pedricktown Road, County Road #642, and repairs to the Straughens Mill Road Bridge at Beaver Creek. Funding application submitted through SAGE on 12/19/17 in the amount of approximately \$1.1M. **Grant awarded in the amount of \$950,000.**

**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.**

**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 "R.E. Pierson Construction Company, Inc.". Initiation of construction: 5 July 2018. "Federici & Akin" will perform Construction Management and Inspection.**

**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 bidding subject to approval of proposed mitigation.**

**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. "Federici & Akin" 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. **Buckhorn Bridge closed due to structural deficiencies.**

**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. **"Federici & Akin" 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 responses. 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.

**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.**

**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.

### **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.

**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 was reviewed by the County Engineer. **The crosswalk study prepared by the previous County Engineer, “Alaimo Group” indicates that the installation of a crosswalk area can be accomplished subject to compliance with the latest Manual on Uniform Traffic Control Devices (MUTCD) standards, to include construction of sidewalk with handicap accessible ramps on both sides of Locust Island Road (County Route 658), the installation of stop lines approximately twenty feet (20') prior to the crosswalk location, signage indicating vehicles should stop for pedestrians within the crosswalk and warning signs prior to the crosswalk area to alert drivers to the possibility of pedestrians crossing the roadway.**

### **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; sinkhole formed under sidewalk requires repair. Status of wage compliance needs to be confirmed with “Triad”.**

**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 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: “R.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 “R.E. Pierson Construction Company, Inc.” for their use.
- “RT Environmental” is reviewing “R.E. Pierson Construction Company, Inc.’s” request for use of the “Heinz” site for sheeting storage area.

- **Project nearing completion. Final walk-through inspection will occur at completion of construction.**

**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%.
- NJDOT deadline for completion: Culvert-9/21/18; Phase 8 Rehab-11/4/18 Status update requested by Kimberly Giddens of NJDOT Multimodal Grants and Programs.
- “Alaimo Group” requested a 6-month extension of time for completion of culvert. NJDOT denied the requested extension. “Alaimo Group” cannot complete the Culvert Replacement project on time. 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” proceeding with Railroad Rehabilitation Phase, with a required completion date of November 4, 2018. Bids were received on July 17th, with award by the Freeholders on July 18th. 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%). **“Federici & Akin” 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 approximately 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 Company 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”.

**5. TIGER Funded Track Rehabilitation – Mannington Township:** Project limits: MP 26.50 to 28.00 in Mannington Township. Contractor: “Railroad Construction Company 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”.

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.

**DISCUSSION ITEMS:**

Engineering:

*Mr. Sander reported that he discussed the condition of "Buckhorn Bridge" with Cumberland County. Both agree that the Bridge should be permanently closed. Arrangements were made with Cumberland County to close Buckhorn Bridge as of September 4<sup>th</sup>, 2018. Letters were sent out to affected parties. Cumberland County will close their side of the bridge and Salem County will close our side of the bridge. Salem County Road Department Forces to install jersey barricades so bridge cannot be crossed. Mr. Owens asked for the exact reason the bridge was closed. Mr. Sander explained the bridge was closed because it was "Structurally Deficient". The bridge will be closed for an extended period of time – which really means permanently.*

*Mr. Crawford reported that Parvins Mill Road was just paved under the 2014 County Aid Road Program, Phase I. Mr. Crawford explained that he received a request to "Open the Road" from "South Jersey Gas". A lengthy discussion ensued. Points were made for a five (5) year moratorium on opening the newly paved road. If the road is opened "South Jersey Gas" will have to repave the entire area of disturbance. Statement was made that "South Jersey Gas" does not have the best reputation for restoring the road appropriately; if the road is opened Salem County should have our Inspector out there to make sure the repair is done correctly and completely. Mr. Crawford was asked to contact "South Jersey Gas" and get a clearer understanding of what exactly they want to do – the size, etc.*

*Mr. Crawford reported on the status of the Underground Storage Tank (UST) on West Mill Street in Pedricktown. "Monarch" took out the contaminated soil. "South State" put fill dirt in the hole. "CTM" reportedly has to monitor the area for eight (8) weeks. Mr. Crawford explained that "Capital Concrete" is going to be returning to the site to finish the concrete work.*

*Mr. Crawford reported that we have Paving going on all over: Centerton Road has been paved – the driveway aprons and striping is left to be completed. Parvins Mill Road has been paved with driveway aprons and striping to be completed. Welchville Road and Deerfield Road are the next roads to be paved.*

*Mrs. Ford reported that we received notification from the "Environmental Protection Agency" (EPA) that Salem County has been selected to be thoroughly inspected. The "EPA" will be visiting Salem County on September 19<sup>th</sup> and 20<sup>th</sup>, 2018. Mrs. Ford reported that "a ton" of information was requested by the EPA and that "a number" of e-mails were submitted to the "EPA" supplying the documentation requested. The "EPA" has requested a "conference call" which has been scheduled for 2:00 this afternoon. A brief discussion ensued. All parties were asked to cooperate with the "EPA" during their time here.*

*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 still has not received a letter of support from "Pilesgrove Township" for the "Stand Up for Salem" "5<sup>th</sup> Annual Cow Run". Mrs. Ford reported she left a voice mail message for Chris Davenport, "Stand Up For Salem" and let him know the status. The time for action is getting short – the event is scheduled for October 7<sup>th</sup>, 2018.*

*Mrs. Ford reported that during a recent budget meeting she was asked about the latest RFP for inspection of Tide Gates. Mrs. Ford reported she found an RFP from 2011 entitled: Professional Services for Design and Inspection of Various Sluice Gates, Sluice Ways, Bridges, Culvert and Associated Appurtenances. The sample RFP was handed over to Mr. Sander to review and for future action.*

*Mrs. Ford reported that we have received notification that Salem County will be receiving a Grant of \$950,000.00 from the "Local Freight Impact Fund" to make repairs to Straughens Mill Road and Bridge. Mr. Sander added that the original estimate for the work was \$1,172,000.00 – so additional funds will be needed to complete the work as outlined in the application.*

*Mrs. Ford reported that we received an Invitation to attend the 25<sup>th</sup> Anniversary Celebration Luncheon for "SJTPO". It was suggested that a representative should attend from Salem County – since we receive a lot of financial support from "SJTPO". A brief discussion ensued. Mr. Owens and Mr. Crawford – both volunteered to attend. Mrs. Ford will initiate their reservations.*

*Mrs. Ford reviewed the following requests from Municipalities:*

1. Pittsgrove Township – requested a “Traffic Study” of the intersection of Garden Road and Centerton Road.  
No action.
- Pittsgrove Township - requested a “Bus Stop Ahead” sign on Centerton Road.  
Mr. Owens reported he was contacted by Pittsgrove Township and there is more than one (1) sign involved; he is waiting for a complete list of sign locations from the municipality.
- Borough of Woodstown - requested a “Speed Limit” sign on Old Salem Road. Mr. Owens reported the “speed limit” sign has been installed.
- Alloway Township - requested the installation of “Flashing Speed Limit Signs” on County Roads #540 and #581. Mrs. Ford reported she received an e-mail from Alloway Township; they are interested in moving forward with the “Shared Services” agreement. Mrs. Ford was asked to request the usual resolution from the municipality before we move forward with the Shared Services Agreement.
- Alloway Township - requested “No Engine Braking” signs. Mrs. Ford reported no new communication from Alloway Township on this issue.
- Oldmans Township - request for Shared Services to allow for installation of stationary, flashing speed radar signs on 3 County Roads. A brief discussion ensued. Mrs. Ford was asked to prepare for the appropriate Shared Services Agreement and forward to “Oldmans Township” adoption.

Bus/Rail Road:

Mr. Schalick reported that there is a scheduled conference call to discuss the 2018 Bus and Railroad Budget.

Public Works:

Mr. Owens reported on the emergency repairs to “Sinnickson Landing Tidegates”. Mr. Castle has ordered the sheets and the appropriate 48” pipe. Mr. Owens also stated that it has been reported that the other end of the pipe is also corroded. Repairs activities will be needed at this location also. Mr. Owens stated that the project is two (2) to three (3) weeks away from beginning. Mr. Sander reported that “Federici & Akin” will be preparing the plans and specifications for the repairs to the other two (2) pipes. Hope to have plans and spec’s ready for advertisement - so that work can be continual.

Mr. Owens reported that his “Forces” are still mowing and Line Painting throughout the County.

Mrs. Ford asked how many employees are in the Public Works Department. Mr. Owens explained that there are 17 employees, of those 5 are mechanics or remain in the shop. So he only has 12 employees available for work. The number of actual works varies from day to day based on sick and vacation time.

Facilities Management: Mr. Ridgway nothing new to report.

Mosquito:

Mr. Ridgway reported that the Mosquito Commission has been doing “aerial spraying” for the first time in 17 years. The Mosquito Commission Office has received the most calls this year since 2003.

Planning Board: No items.

**DATE OF NEXT MEETING:** The next meeting of the Public Works Committee is scheduled for TUESDAY, OCTOBER 2<sup>nd</sup>, 2018 at 10:00 AM.

A motion was made by Ray Owens, seconded by Marty Sander, that, the meeting be adjourned. Motion carried.

Respectfully submitted,

*Diana Ford*

Diana Ford  
Chief of Administrative Services