



Sussex County Project Updates July 2020

Bridge/Dam Projects

BR 3-150N/S on SR1 over Lewes Rehoboth Canal

Project Description: Bridge rehabilitation including a deck replacement, approach slab repairs, joint replacement, spall repairs, and painting/sealing of abutments and piers.

Project Phase: Construction

Projected Construction Completion: Spring 2020

Project Update: Construction is underway. The long-term closure of one lane in the northbound direction began on September 23, 2019. The first stage of the project had the northbound bridge closed and all traffic was traveling on the southbound bridge. All traffic was switched from the southbound bridge to the northbound bridge on January 2, 2020. Southbound traffic was switched back to the southbound bridge on April 16, 2020, approximately two weeks ahead of schedule. From mid-April to early June 2020, one lane of traffic was open in each direction to allow for further tie-in, crossover, and final paving work. Some additional lane closures will be needed for final striping which will be scheduled at night.

BR 3-154 on US9 Savannah Road and BR 3-153 on SR 1A on Rehoboth Avenue over Lewes-Rehoboth Canal

Project Description: Bridge rehabilitation including minor repairs to the steel grid deck and concrete deck, minor repairs to the existing substructure, replacement of the drive system, sidewalk upgrades and stabilization of the existing abutments of the Lewes Drawbridge; replacement of the drive system for the Rehoboth Drawbridge.

Project Phase: Construction

Projected Construction Completion: Summer 2020

Project Update: Construction is underway for both drawbridges. The Contractor has a majority of the work at both bridges completed. All work on both bridges is anticipated to be complete by the end of Summer 2020.

BR 3-155N&S on SR1 over Broadkill River

Project Description: Rehabilitation of Bridges 3-155N&S including deck replacement, beam replacement, joint replacements, and substructure repairs.

Project Phase: Design

Projected Construction Completion: Winter 2021/2022

Project Update: Design is underway. Work will require the closure of one bridge at a time during the off-season, switching traffic to the other bridge in a configuration including one lane in each direction for SR 1. A Public Workshop was held on November 20, 2019 at Mispillion Elementary School to explain the project to the public. Construction is anticipated to begin in the spring of 2021.

BR 3-162 on Delaware Ave over Broad Creek

Project Description: Bridge rehabilitation including beam replacement, bearing pad replacement and barriers

Project Phase: Design

Projected Construction Completion: 2021

Project Update: Right of way acquisitions are complete. Design is underway and expected to wrap up in the summer of 2020. Construction is expected to begin after the completion of the Records Pond Dam project in the spring of 2021. Work will be performed under a full road closure with a posted detour for vehicles and pedestrians.

BR 3-164 on SR36 Cedar Beach Road

Project Description: Bridge Replacement

Project Phase: Design

Projected Construction Completion: 2023

Project Update: Design is underway. We plan to have a public workshop in 2020.

BR 3-254 N&S on US 13 over Nanticoke River

Project Description: Replacing the abutment back-walls, replacing deck joints, replacing approach slabs, repair of cracks and spalls in the concrete, painting the steel and concrete, and replacing pile jackets.

Project Phase: Design

Projected Construction Completion: 2022

Project Update: Design is underway. Construction is anticipated to begin in the fall of 2021.

BR 3-314 on SR24 Laurel Road over James Branch

Project Description: This project involves the rehabilitation of BR 3-314. The scope of work includes the repair of the substructure to repair deficient concrete and the installation of riprap for scour protection.

Project Phase: Design

Projected Construction Completion: 2023

Project Update: Design is underway.

BR 3-555 on SR54 Cypress Road over Bald Cypress Branch

Project Description: Bridge replacement, scour protection and guardrail installation

Project Phase: Design

Projected Construction Completion: 2022

Project Update: Design is underway. Construction is anticipated to begin in 2022. Work will be performed under a full road closure with detour.

BR 3-631 on West Robbins Road over Gravelly Ditch

Project Description: Bridge replacement and scour protection in the stream channel

Project Phase: Design

Projected Construction Completion: 2022

Project Update: Design is underway. Construction is anticipated to begin in 2022. Work will be performed under a full road closure with a posted detour for vehicular traffic.

BR 3-714 on New Road over Canary Creek

Project Description: Replace Bridge 3 -714 and raise approach roadway to reduce flood frequency.

Project Phase: Design

Projected Construction Completion: 2025

Project Update: Design is underway. Construction is anticipated to begin in 2024 after the Old Orchard Road/Wescoats Road intersection project is complete. The public workshop scheduled for March 24, 2020 has been postponed due to the COVID pandemic. Virtual informational sessions were held on June 25, 2020 and June 30, 2020. Recordings of the informational sessions are available on the project web site. The public comment period is still officially open until July 25, 2020.

Burtons Pond Dam Improvements

Project Description: Replace and enlarge the spillway, add a low-level outlet structure, and do structural repairs to the two cell culvert as needed.

Project Phase: Design

Projected Construction Completion: 2023

Project Update: Design is underway. Construction is anticipated to begin in 2022.

Design-Build Statewide Pipe Replacements

Project Description: This project involves the replacement of 25 bridges around the state consisting of single or multi-cell corrugated metal pipe culverts. The replacement structures will be reinforced concrete pipe culverts. Additional work includes placement of riprap, reconstruction of the approach roadway, and installation of guardrail as needed. The project is being administered through a design-build contract.

Project Phase: Construction

Projected Construction Completion: September 2021

Project Update: Eight of twenty-five locations are complete. The following projects are in construction or going to construction soon:

BR 3-335 on Bacons Road – Scheduled for Summer 2020

BR 3-923 on Fleatown Road – Work started in June 2020

Please see the project web site for more details: <https://deldot.gov/projects/bridgepipeline/>

Records Pond Dam Improvements

Project Description: Upgrade the existing dam to improve the safety.

Project Phase: Construction

Projected Construction Completion: 2021

Project Update: The contract has been awarded and construction began in March 2020.

Removal of Bridge 3-928R, Lewes RR Swing Bridge

Project Description: Bridge removal. Due to the historical significance of the bridge, once removed from its current location much of it will be reinstalled at an alternate location for public display and educational purposes.

Project Phase: Design

Projected Construction Completion: Winter 2021/2022

Project Update: Design is underway for the bridge removal. A public workshop was held February 20, 2020. Based on public comments regarding concerns with the proposed temporary location of the bridge after removal, the Lewes Junction Railroad and Bridge Association found a different location on City of Lewes property as the permanent site for the bridge relocation. The new location is adjacent to the bicycle/pedestrian trail near the end of American Legion Road.

Scour Countermeasures, BR 3-145, BR 3-231, BR 3-814, and BR 3-214

Project Description: This project involves pouring a concrete floor between footings for 4 three-sided concrete frames experiencing scour. Riprap will be placed at the upstream and downstream openings as well.

Project Phase: Design

Projected Construction Completion: Fall 2021

Project Update: Design and right of way acquisitions are underway. Construction is anticipated to begin in the summer of 2021.

Intersection Improvement Projects

Georgetown East Gateway Improvements

Project Description: Realign Sand Hill Road and Airport Road to intersect US 9 at one location at an improved angle; add turn lanes, pedestrian and bicycle facilities, and drainage improvements.

Project Phase: Construction

Projected Construction Completion: 2021

Project Update: Final design and right of way acquisition are underway. Utility relocations will begin in the spring of 2020. Construction is anticipated to begin in the summer of 2020. The department received a TIGER Grant from the U.S. Department of Transportation for this project.

***HEP Sussex County, SR 1 and SR 16 Grade Separated Intersection**

Project Description: Replace the existing SR 1 and SR 16 signalized intersection with a grade separated intersection.

Project Phase: Design/Right of Way

Projected Construction Completion: 2024

Project Update: Design and right of way acquisition are underway. Construction is anticipated to begin in 2021. We gathered additional traffic data during the summer of 2019 to provide additional information on the anticipated downstream traffic conditions when the signal is removed. This information was presented at the October 28, 2019 meeting of the Five Points Working Group.

****HSIP SR 24 at Camp Arrowhead Road and SR 24 at Angola Rd**

Project Description: Widen to lengthen and provide turn lanes at the intersections of SR 24 and Camp Arrowhead Road and Robinsonville Road / Angola Road.

Project Phase: Design

Projected Construction Completion: 2022

Project Update: Design is underway. Right of way acquisition is underway. Construction is tentatively scheduled to begin in 2021.

****HSIP SR 24 at Mount Joy Road and SR 24 at Bay Farm Road Intersection Improvements**

Project Description: Widen to provide turn lanes at SR 24/Mount Joy Road/Oak Orchard Road and SR 24/Bay Farm Road/Autumn Lane.

Project Phase: Design/Right of Way

Projected Construction Completion: 2023

Project Update: Design and right of way acquisition are underway. Some advanced utility relocation work began in Spring 2020. Roadway construction is anticipated to begin in the spring of 2021.

****HSIP SR 24 at SR 5 / SR 23 Intersection Improvements**

Project Description: Improve the safety and operation of the SR 24 and SR 5/SR 23 intersection.

Project Phase: Design/Right of Way

Projected Construction Completion: Fall 2022

Project Update: Design and right of way acquisition are underway. Construction is tentatively scheduled to begin in the spring of 2021. We are coordinating the schedules of several SR 24 projects in the area and may combine several intersection projects and advertise them for bidding together.

Open-End Construction Services, Kent & Sussex County

Project Description: This is a three-year open-end construction contract that will include minor intersection improvements including turn lane extensions and crossover modifications in Kent and Sussex Counties.

Project Phase: Design/Construction

Projected Construction Completion: Spring 2023

Project Update: Construction began in the spring of 2020. The tasks are listed below and the order of construction will depend on the contractor's resources and schedule. Additional tasks may be added to this three-year open-end contract.

Planned to be added to the contract:

- Task 1 - SR 1 & Oyster Rocks Road/Eagle Crest Road – planned for Fall 2020
- Task 2 - SR 1 & Hudson Road/Steamboat Landing Road – planned for Fall 2020
- Task 6 - US 113 & SR 24 (EB right turn lane extension) – planned for Spring 2021
- Task 8 – US 13 & Redden Road left-turn lane extension – planned for 2021
- Task 9 – SR 1 & US 9 southbound u-turn – schedule TBD
- Task 10 - SR 1 & Kings Highway right-turn modification - planned for 2021

Realignment of Old Orchard Road at Wescoats Corner

Project Description: Realign Old Orchard Road to intersect Savannah Road at its intersection with Wescoats Road. The intersection of Wescoats Road and Clay Road will also be improved. Pedestrian and bicycle facilities will be incorporated throughout the project.

Project Phase: Design

Projected Construction Completion: 2024

Project Update: Design is progressing. A public workshop is planned for Summer 2020. Construction is anticipated to begin in 2022.

SR1 and Cave Neck Road Grade Separated Intersection

Project Description: This project includes the construction of a grade separated intersection at SR1 and Cave Neck Road.

Project Phase: Design

Projected Construction Completion: 2026

Project Update: A public workshop was held October 15, 2019 to obtain feedback on proposed concepts. The selected alternative video and display boards are available on the project web site. The selected alternative virtual public workshop occurred between May 6, 2020 and June 5, 2020. As part of the virtual workshop, a live Question & Answer session was held on May 20, 2020 from 4:30-6:00 PM.

SR 1, Minos Conaway Road Grade Separated Intersection

Project Description: This project provides a grade separated intersection to separate through movements along SR 1 and turning movements to and from Minos Conaway Road, Nassau Road and Old Mill Road. A shared use path would also be constructed to accommodate pedestrians and bicyclists.

Project Phase: Design

Projected Construction Completion: 2025

Project Update: Preliminary design is underway. We are continuing to meet with area residents and business owners. A second public workshop was held October 3, 2019. The project was generally well received. Construction is anticipated to begin in 2023.

US 113 at SR 16 (Ellendale) Grade Separated Intersection

Project Description: This project consists of a grade separated intersection at US 113 and SR 16 in Ellendale, DE. The project will accommodate long-term transportation capacity needs as well as improve safety and maintain consistency with state/local plans for the transportation system along the US 113 corridor.

Project Phase: Design

Projected Construction Completion: 2029

Project Update: Conceptual design is underway. A public workshop is planned for fall 2020 to present alternatives. Construction is currently funded for FY 2027. Potentially the project could start earlier if additional funding becomes available.

US 113 @ SR 18/SR 404 (Georgetown) Grade Separated Intersection

Project Description: This project consists of a grade separated intersection at US 113 and SR 18/SR 404 in Georgetown DE. This grade separation will include SR18/SR404 bridging over US 113 with loop ramps in the northeast and southwest quadrants. The project's improvements will also include widening US 113 to provide three lanes in each direction from Bedford St to Ennis St.

Project Phase: Design

Projected Construction Completion: 2026

Project Update: Preliminary design is underway. We are moving forward with Alternative B, which includes loop ramps on the northeast and southwest quadrants of the intersection. Meetings with property owners were held in the winter of 2019/2020. A second public workshop was held February 19, 2020 at Del Tech in Georgetown. Approximately 100 people attended, and the project was generally well received. Construction is anticipated to begin in 2024.

*HEP – Hazard Elimination Program

**HSIP – Highway Safety Improvement Program

Corridor Improvement Projects

North Millsboro Bypass, US 113 to SR 24

Project Description: This project includes a 2 lane connector road between US 113 and SR 24 north of Millsboro DE. The new alignment will start at US 113 and extend eastward bridging over Fox Run Road, the Norfolk Southern Railroad, the Millsboro pond, and Gravel Hill Road. The new road will connect to SR 24 west of Mountaire Farms. The project will also consist of a grade separated intersection at the US 113/SR 20 intersection.

Project Phase: Design

Projected Construction Completion: 2025

Project Update: Design is underway. Utility designation is complete. Construction is anticipated to begin in 2023.

Park Avenue Relocation, Phase 1

Project Description: Relocation of Park Avenue to create a fourth leg of the South Bedford Street/Arrow Safety Road intersection; widen Arrow Safety Road to provide shoulders to sign it as the truck route; install a roundabout at the intersection of South Bedford Street/Arrow Safety Road/Park Avenue.

Project Phase: Design

Projected Construction Completion: 2023

Project Update: Design is progressing and right of way acquisition has begun. The project has been split into two phases to allow the off-alignment portion and widening of Arrow Safety Road to be completed first. A public workshop was held for Phase 1 in June 2019 and the project was well received. Construction is anticipated to begin in 2021.

Park Avenue Relocation, Phase 2

Project Description: The project consists of making improvements to existing Park Avenue from Park Avenue Relocation - Phase 1 to the intersection with Route 9. Project includes the reconstruction of Park Avenue and Route 9 to provide appropriate turn lanes and signals, and railroad crossing improvements. An estimated 65 parcels will be impacted by this phase of the project.

Project Phase: Design

Projected Construction Completion: 2025

Project Update: Preliminary design is underway. The project has been split into two phases to allow the off-alignment portion and widening of Arrow Safety Road to be completed first. A public workshop is planned for Fall 2020. Construction is anticipated to begin in 2023.

Plantation Road Improvements, Robinsonville Road to US 9 (Phase 1)

Project Description: Provide intersection safety improvements, pedestrian/bicycle improvements and realignment of the Plantation/Beaver Dam/US 9 intersection.

Project Phase: Design

Projected Construction Completion: 2023

Project Update: Design is progressing. The project has been split into two phases. A second public workshop for Phase 1 was held on August 6, 2019. The project was generally well received. Community outreach is ongoing. Construction is anticipated to begin in 2022.

Plantation Road Improvements, SR 24 to Robinsonville Road (Phase 2)

Project Description: The project consists of operational improvements including turn lanes and other intersection modifications, median turn lanes for residential entrances, and bicycle and pedestrian facilities throughout the corridor. Phase 2 of this project begins near the intersection of Plantations Road and Shady Road/Salt Marsh Blvd and ends north of the intersection of Plantation Road and SR 24. An estimated 41 parcels will be impacted by this project.

Project Phase: Design

Projected Construction Completion: TBD

Project Update: Preliminary design is underway. The project has been split into two phases. Based on recommendations from the Five Points Working Group, we are analyzing the benefits and impacts of constructing a four-lane section for Phase 2. Once the study is complete, we will update the design and construction schedule.

SR 24, Love Creek to Mulberry Knoll

Project Description: Project will involve safety, operational and capacity improvements on SR24 from Love Creek to Mulberry Knoll. Dualization of SR 24 will extend to west of the school entrances.

Project Phase: Design

Projected Construction Completion: 2022

Project Update: Design is underway. Right of way acquisition began in the fall of 2019. Construction is tentatively scheduled to begin in 2021. We are coordinating the schedules of several SR 24 projects in the area and may combine several intersection projects and advertise them for bidding together.

SR 24, Mulberry Knoll to SR 1

Project Description: Widen SR 24 to four lanes with a center turn lane.

Project Phase: Construction

Projected Construction Completion: 2022

Project Update: Advanced utility relocation work is still underway. The contract was awarded to Mumford and Miller. Construction began in March 2020 with the installation of the water main.

Multi-Modal Improvement Projects

Discount Land Road, US 13A to US 13

Project Description: Improvements include roadway widening, bicycle lanes and the construction of a sidewalk or multi-use path adjacent to the roadway.

Project Phase: Design

Projected Construction Completion: 2025

Project Update: Preliminary design is underway. We plan to hold a public workshop in the fall of 2020. Construction is anticipated to begin in 2024.

Junction Breakwater Trail Connection to Rehoboth Avenue

Project Description: Provide a multi-use path connecting Hebron Road to Rehoboth Avenue.

Project Phase: Construction

Projected Construction Completion: TBD

Project Update: The trail is being built in phases. Construction is complete for the portion of the trail along Hebron Road and Canal Road. Design and right of way acquisition continue for the next phase of the trail - from Church Street to Rehoboth Avenue, and then along Rehoboth Avenue across the drawbridge to the museum.

Munchy Branch Road Multi-Use Trail

Project Description: The Munchy Branch Road /Wolfe Neck Road feasibility project involves the development an 8-foot wide bike/ ped Trail along a 1.14-mile section of Munchy Branch Road (S270) from the intersection of Wolfe Neck Road (S270A) to NB SR1 (Coastal Highway) and 0.32-mile section of Wolfe Neck Road from NB SR1 (Coastal Highway) to Munchy Branch Road. The trail allows for continuous pedestrian and bicycle movement between surrounding residential areas, commercial businesses, and retail businesses. In addition, the proposed improvements will connect to the recently constructed pedestrian facilities located at the Wolfe Neck Road and NB SR1 intersection, Munchy Branch Road and NB SR1 intersection, and along NB SR1.

Project Phase: Design

Projected Construction Completion: Spring 2022

Project Update: This project is in design.

Savannah Road Sidewalk Improvements – Quaker Road to the Georgetown to Lewes Trail

Project Description: Improvements include sidewalk, curbing, curb ramps and improved signage along Savannah Road.

Project Phase: Design

Projected Construction Completion: Fall 2021

Project Update: Design is underway and is anticipated to be complete by the end of 2020. Construction is scheduled for Spring 2021.