

2021 District 11 Highway and Bridge Improvement Projects

ALLEGHENY COUNTY

Allegheny County projects continuing from 2020 with minor work remaining

Route 19 - West End Bypass to I-376 Parkway West

Slope stabilization work will continue through the early summer requiring single-lane restrictions on this nearly completed \$15.01 million project located on Route 19 between I-376 (Parkway West) and the West End interchange. Completed work includes concrete reconstruction of Route 19, lengthening of the Wabash Street deceleration ramp, the Shaler Street Bridge replacement using Accelerated Bridge Construction techniques, ramp reconstruction work, concrete median barrier construction, median shoulder improvements, rock fall fence work, guiderail updates, and the installation of an overhead lane control signs.

Route 28 – Millvale to Highland Park Bridge

Overnight lane restrictions have resumed on this \$12.21 million improvement project on Route 28 between the Millvale (Exit 3B) interchange in Shaler Township and the Highland Park Bridge/Aspinwall (Exit 6) interchange in Sharpsburg Borough and O'Hara Township. This year's work includes ITS system upgrades, bridge expansion dam maintenance, and concrete spall repairs and is expected to conclude in late spring. Major improvements finished in 2020 include milling and paving, bridge preservation work, reestablishment of existing slopes, concrete patching and overlay work, guide rail and drainage upgrades, utility adjustments, signing and pavement marking improvements.

Route 30 – Route 48 to Lenox Avenue

Completed work on this \$12.95 million improvement project includes milling and resurfacing on Route 30 between Lenox Avenue in Forest Hills Borough and Route 48 in North Versailles Township. Additional finished work includes drainage improvements, guide rail updates, and traffic signal and signage upgrades. Work in 2021 has resumed after a winter hiatus and includes ADA curb ramp installation, curb repairs, tree trimming and pavement marking installation. The overall project is expected to conclude in late spring.

Route 51 – West Liberty Avenue to I-376

Approximately one month of work remains on this \$2.38 million milling and resurfacing project on Route 51 between I-376 (Parkway West) and the Liberty Tunnel in the City of Pittsburgh. Crews will conduct curb gutter work and minor milling and paving requiring short-term off-peak lane restrictions. Completed work includes drainage improvements, concrete mountable median work near Crane Avenue, new post mounted signs, new and replaced DMS boards, base repairs, milling and paving, sign replacement work, concrete repairs of the Woodruff Street jug handle, guide rail updates, and concrete barrier repairs.

Route 2102 Forbes Road Slide Remediation

Due to a utility delay, slide repair, shoulder reconstruction, and paving work is expected to conclude in late April on this \$1.34 million slide remediation project. The slide is located on Forbes Avenue in Trafford Borough between Route 130 and Westmoreland County. The road remains closed for the remainder of the project.

Route 3009 South Park Road Intersection Improvement Project

Improvements at intersection of South Park Road (Route 3009) and Logan Road (Route 3010) in the Municipality of Bethel Park will continue through June on this \$1.11 million project.

Currently off-peak single-lane restrictions on both roadways are ongoing as crews conduct utility pole installation, traffic signal improvements, milling and paving, and widening for turning lane installation.

Route 3048 Noblestown Road Bridge Preservation Over Robinson Run

Bridge preservation work including deck and barrier repairs, expansion dam replacement, bearing rehabilitation and replacement, steel repairs, painting, and substructure repairs began in 2019 and is expected to be completed in late June of this year. This \$6.55 million preservation project of the structure over Robinson Run in Collier Township requires single-lane traffic in each direction on the bridge and a truck detour. Remaining work includes milling and paving at the bridge approach near the I-79 interchange, mountable curb and island installation, and the replacement of bridge approach slabs.

Allegheny County projects continuing from 2020 with major work remaining

Route 28 Highland Park Bridge Interchange

This \$47.31 million improvement project will address the existing bottleneck and congested traffic flow on Route 28 at the Highland Park Bridge interchange. The project, which started in late 2020, involves the reconstruction of Route 28 between North Canal Street/Kittanning Pike and Delafield Avenue, the reestablishment of two travel lanes in each direction through the interchange, and construction of improved acceleration and deceleration ramps. The project also features the reconstruction of the Route 28 ramps with the Highland Park Bridge and Freeport Road, bridge and wall preservation work, roadway widening, sound barriers, and miscellaneous operational and safety improvements. Lane restrictions on Route 28 and long-term ramp closures will occur throughout the project which is expected to conclude in late 2023.

I-79 Neville Island Bridge Rehabilitation Project

Single-lane restrictions, ramp closures, and four weekend long northbound bridge closures will occur in 2021 on the \$42.16 million Neville Island Bridge Rehabilitation Project. Work consists of structural steel repairs, full structure painting, bearing and deck joint replacements, concrete deck and overlay repairs, and substructure concrete work on the I-79 Neville Island Bridge over the Ohio River in Neville and Robinson townships and Glenfield Borough. Additional work includes bridge barrier repairs, drainage improvements, guide rail replacement, and preservation work on four sign structures and the I-79 bridge over Deer Run Road. The project will be coordinated with several concurrent projects in the area. This project is anticipated to end in the summer of 2023.

376 – Tonidale to Business Loop 376

Milling and paving work remain on this \$8.24 million improvement project on I-376 between the Business Loop 376 (Moon) and the US 22/30 (Weirton) interchanges in Robinson, Moon, and North Fayette townships. Motorists will see overnight and weekend lane restrictions on I-376 and the closure and detour of several ramps in the corridor. Additional work in 2021 includes concrete shoulder patching, pavement marking and reflector installation, shoulder rumble strips, and joint work. The overall project will end in the early summer of 2021.

I-579 “Cap” Project

The long-term closure of the northbound I-579 ramp to Seventh Avenue will continue through the duration of the project and approximately three weeks of closures remain on the Bedford Avenue and Seventh Avenue ramps to southbound I-579 in 2021 on the \$30.14 million Sports and Exhibition Authority’s I-579 “Cap” Urban Connector project. The project consists of the construction of a structure spanning I-579 to create a link between downtown Pittsburgh and the Hill District. The “Cap” will include pedestrian pathways, recreation areas, and an amphitheater and stage. Additional construction activities include retrofitting existing retaining walls and bridges to accommodate the new structure, roadway reconstruction, drainage improvements, traffic signals, highway lighting, ITS, and landscaping. This season’s work includes underdeck lighting installation and the building of the park. Motorists will also see overnight lane and shoulder restrictions throughout the remainder of the project which is anticipated to continue through November 2021.

Route 837 East Carson Street – 33rd Street to Smithfield Street

Work began last spring on this \$16.31 million East Carson Safety Improvement project. Currently, weekday single-lane restrictions are in place on East Carson Street between Smithfield Street and 33rd Street in the City of Pittsburgh. Parking and sidewalk restrictions will continue on East Carson Street between Smithfield Street and 33rd Street around-the-clock as needed. Traffic will continue to be maintained in each direction throughout the work zone. This summer through the fall, single-lane restrictions will occur on the Birmingham Bridge near the intersection of East Carson Street. Additionally in the fall, motorists can expect three full weekend closures and detours for paving operations in the eastbound direction on East Carson Street at the intersection with Smithfield Street and single-lane restrictions in each direction on the Smithfield Street Bridge. The overall project includes milling and resurfacing, signage and signal upgrades, concrete pavement patching, drainage, guide rail, ADA ramps, curb and sidewalk, pavement markings and other miscellaneous construction along the 2.5 mile stretch of East Carson Street. Pedestrian enhancement accommodations (including bump-outs, high visibility crosswalks, pedestrian countdown signals) will be incorporated.

Hazelwood Green Phase 1 Mitigation

Modifications, including turning lane installation on Route 885 at the intersections with Second Avenue, Hot Metal Street, Greenfield Avenue, and Hazelwood Avenue, began in the spring of last year. This year’s work on the \$7.63 million project located in the City of Pittsburgh includes widening the I-376 bridge over Bates Street to lengthen the deceleration lane to the Glenwood off-ramp, minor widening of Bates Street at the I-376 interchange to accommodate three lanes of travel, and installing traffic signals at the Oakland and Glenwood off-ramp intersections with Bates Street. I-376 restrictions will include ramp closures, a 15-day lane restriction, and weekend lane closures. Lane closures will occur on Route 885 (Bates Street/Second Avenue) and four overnight closures of Bates Street at I-376 will occur. The overall project is expected to finish in the spring of 2022.

Route 2094 Jerome Street Bridge Rehabilitation

Bridge rehabilitation work on the Jerome Street Bridge over the Youghiogheny River in the City of McKeesport began in the summer of 2020. The \$15.44 million rehabilitation project is anticipated to conclude in the winter of 2022 and includes a new concrete deck and sidewalk, barrier repairs, full painting, structural steel repairs, concrete substructure repairs, bearing replacement, and new expansion dams. Motorists will see a one-way detour in 2021 as well as lane restrictions.

Route 3004 McLaughlin Run Road Roundabout

Work on the \$4.67 million project to convert the signalized McLaughlin Run Road and McMillan Road/Lesnett Road intersection into a free-flowing single-lane roundabout began this March. Work includes, replacement of two structures, sidewalks and ADA curb cut ramp installation, guide rail and drainage improvements, sign updates, lighting upgrades and pavement marking installation. Traffic will be maintained in each direction throughout the duration of the project. Flaggers and temporary traffic signals will be used to guide motorists through the work zone as needed. Work will be conducted in nine construction phases. Phases one through five will occur in 2021, followed by a winter hiatus. The remaining phases will occur in early 2022. The overall work will conclude in the fall 2022.

Route 3048 Noblestown Road

Slide remediation work on Noblestown Road was completed in 2020 on this betterment project which also includes milling and resurfacing, drainage improvements, base repairs, sub-grade undercuts, and other miscellaneous construction activities between Union Avenue in Oakdale Borough and the I-79 interchange in Carnegie Borough. Single-lane alternating traffic on Noblestown Road is anticipated through June as work resumes on this \$4.54 million project.

Group Resurfacing Contract (2020)

Group 1 – Milling, resurfacing, and drainage improvements

- **Seavey Road/Parker Street (Route 4004)** from Elbe Drive to Hill Street in Shaler Township
- **Grant Avenue (Route 4017)** from railroad crossing to Wilson Street in Etna Borough
- **Mt. Royal Boulevard/Crescent Street (Route 4019)** from Kittanning Street in Etna Borough to Irene Street in Shaler Township
- **Elfinwild Road (Route 4024)** from Mt. Royal Boulevard to Route 8 in Shaler Township

Kenmawr Bridge Replacement

The replacement of the Kenmawr Bridge, which carries South Braddock Avenue over the Norfolk Southern Railway in Swissvale and Rankin boroughs, began in 2020. Currently traffic is maintained on a temporary two-lane bridge constructed prior to the demolition of the old structure. The new bridge will be raised to provide necessary vertical clearance for double-stacked trains and lengthened to include a second span to accommodate future expansion plans of the Martin Luther King Jr. East Busway. A long-term detour will occur on the \$12.47 million project in 2021 for the reconstruction approaches on the new bridge. The overall project is expected to end in late fall 2021.

Allegheny County projects starting construction in 2021

Route 19 Washington Road – McMurray Road to Connor Road

Milling and resurfacing will occur on Route 19 (Washington Road) between McMurray Road in Upper St. Clair Township and Connor Road in the Municipality of Mt. Lebanon beginning in early summer. The \$7.27 million project also includes base repairs, drainage and guide rail upgrades, inlet adjustments, updating ADA curb ramps, signal upgrades and mountable curb repair on Route 19. Additionally, concrete bridge deck repairs and overlay work will occur at the ramps near the McMurray Road intersection. Motorists can expect off-peak single-lane

restrictions on Route 19, as well as, ramp closures with detours. The project is expected to conclude in mid-summer 2022.

Route 28 Highland Park – RIDC Park

This estimated \$12-14 million project will improve approximately 3.5 miles of Route 28 between the Delafield Avenue (Exit 7) and the RIDC Drive (Exit 10) interchanges. Construction will include minor road widening near the Waterworks (Exit 8) interchange, a realignment of the southbound Route 28 lanes, reconstruction of the Delafield Avenue ramps, concrete preservation work on the Fox Chapel ramps, milling and paving work on the RIDC Park ramps and bridge preservation work on all structures within the project limits. Additional work includes highway lighting updates, ITS upgrades, green stormwater features, guide rail upgrades, rockfall area cleanouts and fence repairs, and other miscellaneous construction. Single-lane restrictions will occur with crews maintaining at least two lanes of traffic in each direction during peak driving times and at least one lane in each direction during off-peak hours. Ramp closures will occur as needed, with many occurring overnight. The project is expected to be completed at the end of 2022.

Route 30 Ardmore Boulevard – Brinton Road to Lenox Avenue

Minor preparatory work may begin in the summer of 2021 on this estimated \$18-20 million improvement project on Routes 8 and 30 between Brinton Road in Wilkinsburg Borough and Lenox Avenue in Forest Hills Borough. Major construction work, including the replacement of three culverts requiring traffic crossovers, is anticipated to begin in the fall of 2021. Additionally, single-lane closures will occur for paving operations, ADA curb ramp installation, drainage improvements, signing and pavement marking installation, and other miscellaneous construction. The overall project is expected to finish in late spring of 2023.

Route 50 – Chartiers Street to Millers Run Road

The structure over Chartiers Creek in Bridgeville Borough will be widened to seven lanes using Accelerated Bridge Construction techniques as part of the estimated \$10.78 million improvement project. Additionally, an exclusive lane from southbound Washington Pike to northbound I-79 will be constructed, widening work will occur on the northbound I-79 on-ramp, and Chartiers Street will be widened to include a turning lane. The project is anticipated to begin in the spring of 2021 and conclude in November of 2022. The 2021 construction season consists of utility relocations and the start of the bridge abutment widening. During the 2022 construction season, the bridge will be closed for three full weekends and a 10-day closure of Chartiers Street will be required.

SR 65 Glenfield to Sewickley

Construction on this estimated \$6-7 million project will begin in May on Route 65 between the Neville Island Bridge in Glenfield Borough and River Avenue in Sewickley Borough. Work includes milling and paving, guide rail and drainage upgrades, inlet adjustments, base repairs and ADA curb ramps improvements, signal updates, and other miscellaneous construction. Single-lane restrictions, maintaining at least one lane in each direction will occur until work concludes in late fall of 2021.

I-79 – Neville Island to I-279

Work will begin this summer on this estimated \$35-40 million project on I-79 between the Neville Island Bridge and I-279 in Allegheny County. This year's construction is expected to include preservation work on the bridge carrying northbound I-79 over southbound I-279, requiring lane restrictions on both interstates. Future improvements include four bridge deck replacements, one bridge preservation, milling and resurfacing, preservation work on seven sign structures,

installation of five new ITS signs, guide rail improvements, signage updates, and pavement marking installation. Crossovers will occur on I-79 in 2022 and 2023 for bridge deck replacement work. The majority of the project will conclude in the fall of 2023.

Interstate Longitudinal Joint Rehabilitation

Joint rehabilitation work is anticipated to begin in mid-summer and conclude in November 2021. Work will occur in various locations on Interstates 79, 376, and 579 in Allegheny and Beaver counties. Motorists will see off-peak single-lane restrictions.

Route 366 Tarentum Bridge Ramp 'B'

Bridge construction with minimal approach roadway work will occur on this \$3.24 million rehabilitation project on the ramp that carries westbound traffic from the Tarentum Bridge to Freepoint Road on the northern end of the span over East Fourth Avenue in Tarentum Borough. Work began in March and will include new latex modified overlay, steel repairs, bearing and expansion dam replacement, concrete substructure repairs, and zone painting. Westbound single-lane restrictions will occur while crews work. Additionally, motorists can expect 15-minute rolling stoppages for bridge jacking operations in the spring and a 16-day full closure and detour for expansion dam and latex deck replacement in the summer. The overall project is expected to conclude in the fall of 2021.

837 Kennywood Park Bridge Preservation

Long-term single-lane restrictions will be implemented during the duration of the Route 837 Kennywood Bridge preservation project which is anticipated to be finished in late in 2021. The \$5.97 million project located between Commonwealth Avenue and the Kennywood Park signalized entrance in West Mifflin Borough includes bridge preservation work, approach slab reconstruction, curb and sidewalk improvements, drainage upgrades, guide rail resets, and pavement marking installation.

Route 910 over Deer Creek Bridge Rehabilitation

This estimated \$1-1.5 million bridge rehabilitation project of Route 910 (Gibsonia Road) over Deer Creek within West Deer Township is anticipated to begin early summer 2021. Work will include concrete deck replacement, substructure repairs, scour protection, approach roadway pavement reconstruction, drainage repairs, guide rail upgrades, and pavement marking installation. In phase one, work will occur in half-widths on the bridge with a single lane of traffic maintained by a temporary traffic signal. During the second phase of the project, bi-directional traffic will be maintained on the bridge, however, the intersection with Middle Road Extension will be closed. A temporary roadway will be constructed to access the roadway. The majority of the work will be completed by the end of 2021 with minor miscellaneous work being conducted next spring.

Route 1001 Ravine Street Drainage Improvement

Work on this \$3.83 million drainage improvement project began in early March. Crews will work to reduce combined sewer overflows and remove storm water flow from the Ravine Street stream and Route 28. Additional work includes pavement reconstruction, curb ramp construction, utility adjustments, and pavement markings. To allow work to occur, several local roadways from Sixth Street to Eighth Street as well as Main Street (Route 1001) will have single-lane restriction during off-peak hours. Additionally, these local roads will undergo a full closure in phases. A 23-days closure will also occur on Main Street, requiring traffic to be detoured. The overall project is expected to conclude in the fall of 2022.

Route 1032 Oak Manor Road Slide

Landslide repair work on this estimated \$750,000 project on Oak Manor Road will occur between Buchanan Street and Karns Road in Harrison Township. Starting this spring, crews will perform operations to repair the landslide with Geosynthetic Reinforced Soil and reconstruct the roadway pavement. A full closure will take place and traffic will be detoured until work concludes in the winter 2021.

Route 2017 Blythedale Road Slide

In the fall, work will begin on the Blythedale Road landslide between Shaler Street and Fallen Timber Road in Elizabeth Township. Additionally, this estimated \$750,000 project will include the reconstruction of the roadway pavement as well as drainage updates. As work occurs, the road will undergo a full closure requiring traffic to be detoured. The project is expected to be completed in the summer 2022.

Route 2035 McKee Road Slide

Landslide repair work on this estimated \$1 million project will occur on McKee Road between Jacks Run Road and Lower Heckman Road in White Oak Borough. Beginning this summer, crews will perform operations to repair the rockslide and reconstruct the roadway pavement. A full closure will take place while and traffic will be detoured until work concludes in the winter of 2021.

Route 2040 Lebanon Church Road

Widening, paving, concrete patching, drainage improvements, signal upgrades, and guide rail updates are part of this estimated \$10-12 million betterment project on Lebanon Church Road in West Mifflin Borough. The work will occur between Buttermilk Hollow Road and Ceco Drive and require overnight and weekend lane restrictions. Start and end dates have not been finalized, but this will be a multi-season project.

Route 3005 Mayview Road Bridge Replacement and Turning Lane Installation

Work began in March on this \$2.55 million improvement project at the intersection of Mayview Road and Boyce Road in South Fayette Township. The project includes the installation of left turning lanes in each direction from Boyce Road to Mayview Road, the addition of a right turning lane from northbound Mayview Road to eastbound Boyce Road, a bridge replacement, roadway widening, signal upgrades, and lighting improvements. The work is expected to be completed in November of 2021.

3039 Nike Site Road Bridge Rehabilitation

This \$3.25 million bridge rehabilitation project located on Nike Site Road over Robinson Run and the Panhandle Trail in Collier Township is expected to begin in the spring of 2021. Work includes deck and bearing replacement, structural steel repairs, full painting of the existing superstructure, pier reconstruction and deteriorated concrete repair. This project includes a full closure with a detour and is expected to conclude in the fall of 2021.

Route 3059 North Road Slide

Starting this fall, landslide repair work on this estimated \$1 million project will occur on North Road between Clinton Avenue Extension and Ivy Street in North Fayette Township. Crews will perform operations to repair the rockslide and reconstruct the roadway pavement. A full closure will occur requiring traffic to be detoured. The roadway is expected to reopen in the spring 2022.

Business Loop 376

Microsurfacing work will begin in late summer on Business Loop 376 (Route 3160) in Moon Township. This estimated \$2.5-3 million project also includes base repairs, guide rail updates,

traffic signal maintenance and drainage improvements between the Halverson Road on-ramp and the Moon (Exit 57) interchange on the Parkway West. Short-term single-lane closures will occur throughout the project which is expected to finish by the end of 2021.

Route 4032 Little Sewickley Creek Road Slide Remediation

Three slides will be addressed on Little Sewickley Creek Road between Little Sewickley Creek Road and Sevin Road in Aleppo Township and Haysville Borough. The start of the \$1.17 million project is expected in late spring 2021 and is expected to continue through early 2022. Motorists will be detoured while crews conduct slide remediation, roadway reconstruction and drainage improvement work.

4053 Wexford Run Road Bridge

Work will begin this summer on the \$2.5-3 million preservation project on the bridge that carries Wexford Run Road over I-79 in Marshall Township. Operations on the structure include a deck overlay and repairs, bridge painting, roadway approach repair and replacement, expansion dam and bearing replacement, approach guide rail and barrier transitions, drainage improvements, and other miscellaneous work. Short-term lane restrictions will occur on I-79 in each direction beneath the bridge during off-peak hours. Additionally, in the late spring of 2022, a full 115-day closure of the bridge is anticipated, requiring traffic on Wexford Run Road to be detoured. The project is expected to conclude in the summer of 2022.

Boulevard of the Allies Ramps Bridge Preservation

This estimated \$32-34 million project within the City of Pittsburgh on several ramps at the I-376 Boulevard of the Allies/Liberty Bridge (Exit 72B) interchange is expected to begin in the fall of 2021. Additionally, two mainline Route 885 Boulevard of the Allies bridges are included in the project. Work will include deck overlays, barrier repairs, expansion dam and bearing replacements, steel repairs, pin and hanger replacements, full painting of the steel superstructures and substructures, deteriorated concrete repairs, downspout replacement and other drainage repairs, and concrete repairs to two retaining walls. Motorists will encounter long-term and off-peak ramp closures, interstate lane restrictions, and various local roadway closures throughout this multi-year project.

Group Resurfacing Contracts (2021) - Milling, resurfacing, and drainage improvements

Group 1

- **Island Avenue/Robinson Boulevard/Fleming Park Road/Coraopolis Road (Route 51)** from Fleming Avenue in Stowe Township to the I-79 interchange in Robinson Township
- **University Boulevard/Fourth Avenue/Fifth Avenue/Stoops Ferry Road (Route 51)** from Thorn Run Road to Flaugherty Run Road (Route 3089) in Moon Township

Group 3

- **Library Road (Route 88)** from South Park Road/Baptist Road (Route 3009) to Smith Road in the Municipality of Bethel Park
- **Marshall Avenue/Perrysville Avenue/Perry Highway (Route 19)** from Ivory Avenue in the City of Pittsburgh to Center Avenue in West View Borough

BEAVER COUNTY

Beaver County projects continuing from 2020 with minor work remaining

Route 18 Resurfacing

Minor work remains including manhole adjustments and minor roadway corrective action on this \$6.05 million project located between Route 65 (5th Street) in New Brighton Borough and 20th Street in the City of Beaver Falls. Off-peak, single-lane restrictions will occur through the beginning of May.

Group Resurfacing Contract (2018)

- **Route 68 – Pipe replacement in Rochester Township**

Group Resurfacing Contract (2020)

- **Route 168 – Guide rail and barrier replacement in Hookstown Borough**
- **Route 351 – Slide repair with closure in Big Beaver Borough**

Route 4012 Bradys Run Road (Location #2) Slide Remediation

Traffic is currently detoured during slide remediation work on Bradys Run Road located in Bradys Run Park in Brighton Township. Paving work is underway and the roadway is expected to be open for the start of the opening day of trout season – April 3.

Beaver County projects continuing from 2020 with major work remaining

US 30 Improvements

Minor work on Route 30 between Route 168 and West Virginia in Greene Township began in 2020. Two projects, worth nearly \$8.45 million combined, include resurfacing and a realignment project which will include left turn lane, surface milling and overlay, guide rail, drainage improvements, and slope stabilization. Traffic will be detoured for approximately 200 days during construction next year. Overall work is expected to conclude in fall of 2022.

US 30 over Raccoon Creek Culvert Replacement

Culvert replacement work on Route 30 over Raccoon Creek between Newman Road and Clinton Frankfort Road in Independence Township is underway. Traffic will be detoured for approximately one month on this \$839,000 project. Additionally, minor approach roadway work will occur. The overall project is anticipated to conclude in late May 2021.

Route 51 Constitution Boulevard

Single-lane, off-peak lane restrictions will occur on Route 51 (Constitution Boulevard) between Shenango Road in Chippewa Township and Riverside Drive in Bridgewater Borough as crews continue work on this \$11.54 million betterment project. ADA curb cut ramp installation, structure repair, and signal improvements will continue through early August. Work completed in 2020 includes milling and paving, concrete pavement rehabilitation, bridge preservation, drainage improvements, guide rail updates, and pavement marking installation.

Beaver County projects starting construction in 2021

Route 51 Constitution Boulevard

Work is anticipated to begin in June on Route 51 (Constitution Boulevard) between Laurel Road in South Heights Borough and 17th Street in Monaca Borough. The estimated \$4-5 million project will include micro surfacing, bituminous milling and resurfacing, guide rail improvements, signing and pavement markings, traffic signals, bridge preservation, concrete repairs, and other miscellaneous construction. Single-lane closures will occur with at least one lane of traffic maintained in each direction. This project is expected to be completed in October 2021.

Route 288 MTF Relocation

Work on the \$2.1 million realignment and relocation project on Route 288 (Zelienople Road) will begin this summer in Franklin Township. Work includes realigning Zelienople Road and Lake Road, vertically lowering Zelienople Road, widening Lake Road, pipe and inlet installation, grading and paving, and other miscellaneous work. The realignments of each road will improve the stopping sight distance throughout the intersection. Motorists can expect a full closure on Zelienople Road between Old Furnace Road and West New Castle Street and on Lake Road between Zelienople Road and Dutch Road from early August to late November, requiring traffic to be detoured. The overall project will conclude in mid-2022.

Route 588 Bennett Road Slide

This summer landslide repair work on the \$1 million Bennett Road project will begin. Crews will conduct repair operations with a rock slope between River Road and 7th Street. A full closure will occur, and traffic will be detoured. The roadway is expected to reopen in early 2022.

Freedom Road Upgrade Phase C

The final phase of the Freedom Road Upgrade is expected to begin in the summer of 2021 and cover several construction seasons, ending in the spring of 2024. The estimated \$29-31 million project located between Park Quarry Road and Route 989 includes realignment of the roadway, culvert replacements, roadway reconstruction and widening, new shoulders, guide rail updates, drainage improvements, additional turn lanes, a roundabout installation, and utility relocations. Motorists will see detours, single-lane restrictions, lane narrowing, alternating traffic during different stages of construction.

Route 4018 Park Road Slide

Landslide repair work on Park Road will begin this summer between Grove Road and Brady's Run Road. This approximate \$1.6 million project will include several small landslide repairs utilizing rock slopes and Geosynthetic Reinforced Soil. A full closure and detour will be implemented. Work is expected to be completed by early 2022.

Group Resurfacing Contracts (2021) - Milling, resurfacing, and drainage improvements

- **Bocktown Road/Gringo-Clinton Road (Route 151)** from Stone Quarry Road to Brodhead Road (Route 3007) in Hopewell Township

LAWRENCE COUNTY

Lawrence County projects continuing from 2020 with major work remaining

224 Youngstown-Poland Road Improvements

Single-lane restrictions will occur on Route 224 (Youngstown-Poland Road) in Mahoning and Union townships this construction season on this 2020 carry over project. Work in 2021 on the \$6.15 million project includes traffic signal upgrades, highway lighting improvements, signage updates, new pavement markings, and other miscellaneous construction activities. Milling and paving and bridge preservation work were completed last year. The project is expected to finish in mid-June 2021.

Group Resurfacing Contract (2020)

- **Route 208 – Cross pipe installation in Volant Borough and Wilmington Township**

Lawrence County projects starting construction in 2021

I-79 ITS Camera Installation

Five CCTV cameras will be installed on I-79 in Plain Grove Township in 2021 on this \$564,000 project. Motorists can expect single-lane and shoulder restrictions during the project which also includes foundation, camera pole, and conduit installation work. The project will be completed by the end of 2021.

Route 2009 Tower Road Bridge Replacement

The estimated \$1-1.5 million replacement of the existing one-lane structure carrying Tower Road over Funk Run within Perry Township is anticipated to begin early June 2021. The project consists of a precast box culvert which will include two lanes, approach roadway improvements, guide rail updates, and minor drainage work. There will be a full closure and detour expected to last the duration of the project. Construction is expected to be completed in December 2021.

Route 3002 Beaver Dam Road Bridge Rehabilitation

The estimated \$1-2 million deck replacement project on Route 3002 along Clark Road (Township Road T-369) at the structure over Honey Creek within Little Beaver Township is anticipated to occur from late-July 2021 to early-December 2021. This project includes replacement of the existing deck, approach roadway work, guide rail, and minor drainage along Clark Road. There will be a full closure and detour during construction.

Group Resurfacing Contracts (2021) - Milling, resurfacing, and drainage improvements

- **Croton Avenue (Route 108)** from North Columbus Interbelt to Hawthorne Street in the City of New Castle

In addition to the work listed above, District 11 will be making many improvements to the transportation system in Allegheny County through various County Maintenance activities. District 11 will also be performing numerous bridge preservation and washing projects around the county in a continuing effort to address critical bridge needs. Visit the District 11 page under Regional Offices on www.penndot.gov for more information on PennDOT activities.