

2019 Allegheny County Highway and Bridge Improvement Projects

Projects continuing from 2018 with minor work remaining

Liberty Tunnel Phase 5

Approximately 20 overnight closures remain for the completion of system networking and testing of the new safety system installed during the fifth and final phase of the Liberty Tunnel rehabilitation project. The majority of the remaining work will take place at the fan house on Secane Avenue and includes replacement of three ventilation fans, installation of electrical equipment, building rehabilitation, control network and software installation, site improvements, and installation of an emergency generator. The \$30.27 million project is expected to conclude in late summer 2019.

Route 3089 Flaugherty Run Road Bridge Replacement

Bridge replacement work has been completed on this \$4.39 million project in Findlay Township. Signal installation, roadway resurfacing, seeding, and other minor construction activities remain in 2019. Off-peak single-lane restrictions will occur from late March through the end of the project in late May 2019. Overnight ramp detours and a daylight detour for approximately one week while crews conduct resurfacing operations will occur.

2018 Group Resurfacing Contracts

Resurfacing work will be completed on the following routes from the 2018 group resurfacing contracts:

- Wildwood Road (Route 4070) in McCandless and Hampton townships
- Noblestown Road (Route 60) from the West End to Weaver Street in the City of Pittsburgh
- Rochester Road (Route 4011) from Route 19 in Ross Township to Nicholson Road in Franklin Park Borough
- Lowries Run Road (Route 4021) from I-279 in Ohio Township to Rochester Road in Ross Township
- Clinton Avenue (Route 978) from First Street to Clef Drive in Oakdale Borough

Projects continuing from 2018 with major work remaining

Route 28 – Russellton to Butler County

Work has resumed on the \$34.34 million Route 28 improvement project, located between Butler County and the structures spanning Baileys Run Road near the Creighton southbound on-ramp. Off-peak single-lane restrictions will remain in place for the duration of the project which is anticipated to end in late May. Remaining work includes guide rail and cable barrier installation, grading operations, drainage improvements, bearing replacement, sign upgrades, and other miscellaneous construction activities.

Route 51 Elizabeth Bridge Rehabilitation Project

Crews will continue work requiring long-term single-lane restrictions, which were recently implemented, on the Elizabeth Bridge on this \$31.30 million project. Rehabilitation work in 2019 includes grid deck replacement, expansion dam replacement, painting operations, and cable

replacement on the Elizabeth Bridge over the Monongahela River. Additionally, the two circle ramps on Route 51 at the northern end of the bridge will close for approximately one month each for reconstruction. The overall project will conclude in late fall of 2019.

I-279 Parkway North Improvement Project

The High Occupancy Vehicle (HOV) lanes will close in early April for roadway reconstruction work as this three-construction season, \$87.94 million project nears completion. Additional work already underway in 2019 includes the preservation of the East North Avenue Bridge and the reconstruction of East General Robinson Street/Route 28 between Anderson Street and Chestnut Street in the City of Pittsburgh. Also, overhead sign, northbound paving, and wall and bridge preservation work continues. The project will continue through June 2019.

I-376 Parkway East – Fort Pitt Bridge to Edgewood/Swissvale

Overnight lane restrictions have resumed on this \$26.96 million improvement project on I-376 (Parkway East) between the Fort Pitt Bridge and the Edgewood/Swissvale (Exit 77) interchange. The majority of roadway milling and resurfacing, and ramp improvements were completed in 2018. Expansion dam replacement, guide rail replacement, median barrier repairs, and minor paving will occur in 2019. Three to four weekend mainline closures, in addition to several ramp closures, will be required. The overall project is anticipated to conclude in the summer of 2019.

Route 2108 Forbes Avenue – Birmingham Bridge to Beeler Street

Work in 2019 includes the installation of traffic signal poles, ADA curb ramps, and final paving from the Birmingham Bridge to Margaret Morrison Street in the City of Pittsburgh. To complete the project, nightly lane restrictions will occur, as well as, single-lane restrictions and ramp closures on two weekends. All subsurface work on the \$10.19 million project has been completed including roadway base repairs, signal conduit, and pole foundations. The overall project will conclude in the summer of 2019.

Route 4022 Mount Nebo Road Improvement Project

Work in 2019 on this \$7.66 million project on Mt. Nebo Road located between I-79 and Arndt Road in Ohio Township will resume in early April. This year's work includes roadway widening, milling and paving, traffic signal modifications and installation, drainage improvements, and guide rail upgrades. Single-lane alternating traffic will occur during overnight and off-peak hours. The overall project will conclude in late 2019.

Projects starting construction in 2019

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

Roadway reconstruction will occur on approximately one mile of Route 19 between I-376 (Parkway West) and the West End interchange on this \$14.55 million project. Additional improvements include the replacement of the Shaler Street Bridge over Route 19/51 with Accelerated Bridge Construction techniques, median barrier replacement, lengthening of the Wabash Street deceleration ramp, sign structure replacements, and ramp reconstruction work. Long-term single-lane restrictions and traffic shifts will be implemented, as well as, full weekend closures with detours for the Shaler Street Bridge replacement. The project began in January 2019 and will end in the summer of 2020.

Route 19 Washington Road – McMurray Road to Washington County

Milling and resurfacing will occur on nearly 2.5 miles of Route 19 between Washington County and McMurray Road in Upper St. Clair Township beginning this spring on this \$5.55 million project. The project includes concrete patching, shoulder repairs, base repairs, drainage and guide rail upgrades, ADA curb ramp improvements, signal updates, and sign and pavement marking installation. Single-lane restrictions will occur during off-peak and overnight hours. The project is expected to begin this spring and end in November 2019.

Route 22 – Route 48 to Westmoreland County

This \$10.95 million project to mill and resurface Route 22 between Route 48 and Westmoreland County will begin in early May. Additional improvements include concrete patching, drainage upgrades, guide rail improvements, curb and sidewalk work, bridge preservation, structural steel painting, signal updates, and sign and pavement marking installation. Overnight lane restrictions will be utilized with off-peak daylight and weekend operations for signals and bridge work. Resurfacing work will be completed by November; however, structure work will continue through late June of 2020.

Route 48 Boston Hollow Road Bridge Replacement over Wylie Run and Slide Remediation

Bridge replacement work will begin in late summer 2019 on this estimated \$2-4 million project on Route 48 between Mansfield Road in Lincoln Borough and Lovedale Road in Elizabeth Township. Other work includes slide remediation and pipe replacement. Traffic will be detoured during construction. Additionally, a portion of Finney Road (Route 2025) at Route 48 will close to traffic and be detoured. Replacement work will be coordinated between multiple projects on Route 48. The overall work is anticipated to conclude in November 2020.

Route 48 Boston Hollow Road Bridge Replacement over Boston Hollow Run and Slide Remediation

This estimated \$3-4 million project on Route 48 over Boston Hollow Run in Elizabeth Township and Lincoln Borough is expected to begin major construction activities in June 2019. Bridge replacement and slide repair work requiring a detour will be conducted. Replacement work will be coordinated between multiple projects on Route 48. The project will conclude by early summer 2020.

Route 48 Scenery Drive Slide Remediation

Work may begin in late 2019 on this estimated \$2-4 million slide remediation project on Route 48 between Enterprise Street and Broadlawn Drive in Elizabeth Township. Traffic will be detoured as crews conduct slide repair work, drainage improvements, and roadway restoration through early summer of 2020. Work will be coordinated between multiple projects on Route 48.

Route 51 – West Liberty Avenue to I-376

Overnight and weekend lane restrictions will be used on this \$2.34 million milling and resurfacing project on Route 51 between I-376 (Parkway West) and the Liberty Tunnel in the City of Pittsburgh. Additional work includes guide rail updates, drainage improvements, sign structure preservation, installation of new Dynamic Message Boards, ADA curb ramp work, and traffic signal updates. Daytime lane restrictions may be implemented for traffic signal work. The project will begin this spring and will continue through late November.

Route 51 Island Avenue Bridge Replacement

The existing arch culvert will be abandoned and backfilled on this estimated \$1-2 million project located on Route 51 at the intersection with Neville Avenue/Fleming Park Bridge in Stowe Township. Work is anticipated to begin in late 2019 and continue through the summer of 2020. Traffic will be maintained with off-peak lane restrictions. Additional work includes retaining wall construction, sidewalk and curb improvements, and roadway resurfacing.

Route 51 4th Avenue over McCabe Run Culvert Replacement

Culvert replacement work on this estimated \$1-2 million project may begin in the fall of 2019. A single-lane of traffic will be maintained on Fourth Avenue at the intersection with Arch Street in Coraopolis Borough while crews conduct culvert replacement, curb and sidewalk repairs, and resurfacing work. The project will conclude in the summer of 2020.

Route 51 Stoops Ferry Bridge Replacement

This \$3.54 million bridge replacement project will begin in the summer of 2019 on Route 51 Stoops Ferry Road at the intersection with Flaugherty Run Road in Moon Township. The bridge replacement will use accelerated bridge replacement techniques which will require a 12-day closure with a traffic detour, which is anticipated to occur in late summer/early fall of 2019. The roadway and intersection work will utilize long-term phased construction maintaining two lanes of traffic, off-peak lane restrictions and three weekends of single-lane restrictions. The overall project, which will be completed in November 2019, also includes bridge widening with a new left turn lane, a new traffic signal, curb and sidewalk improvements, concrete reconstruction, and roadway resurfacing.

Route 65 Ohio River Boulevard Bridge over Spruce Street Preservation

Motorists will see long-term single-lane restrictions on the Route 65 bridge over Spruce Street in Ben Avon Borough beginning in April 2019. Preservation work on the bridge will include concrete repairs, deck sealing, and drainage system improvements. The \$3.95 million project will continue through the end of 2019.

Route 88 – Kings School Road to Logan Road

This \$1.62 million project includes widening for the installation of turning lanes at the Logan Road and Kings School Road intersections with Route 88 (Library Road) in the Municipality of Bethel Park. Motorists will see long-term lane narrowing and traffic shifts tentatively beginning in late March. Additionally, flagging operations will occur during daytime, overnight, and weekend operations as needed. Other improvements include traffic signal upgrades, pedestrian access updates, drainage improvements, and pavement marking installation. The project will continue into the fall of 2019.

Route 88 and Route 3004 Clifton Road Widening

Left turning lanes will be added to northbound Route 88 (Library Road) at the Clifton Road (Route 3004) and Churchill Road (Route 3022) intersections on this estimated \$3-5 million improvement project in South Park Township and the Municipality of Bethel Park. Widening work will require two stone arch bridges to be replaced with concrete box culverts. Other work includes the addition of a right turning lane from Clifton Road to southbound Route 88, drainage updates, signal improvements, guide rail upgrades, and pavement marking installation. One lane of traffic in each direction will be maintained during construction; however, two detours, approximately a week in duration each, will occur when culvert work begins. Work is anticipated to begin in the summer of 2019 and extend through late 2020.

I-376 Parkway East Wall Replacement

Rehabilitation work will begin this fall on two sections of retaining wall along I-376 (Parkway East) in the City of Pittsburgh. Minor traffic restrictions will occur on Second Avenue through late 2020 as crews work on walls located near the 10th Street Bridge and along the Eliza Furnace Trail near Technology Drive. The project is estimated to cost \$8-10 million.

I-376 Parkway West – Route 60 to Boyce Road

Milling and resurfacing on I-376 (Parkway West) between the Weirton (Exit 60A) and Campbells Run Road (Exit 62) interchanges in Robinson and Collier townships will occur on this estimated \$4-6 million project. Work is anticipated to begin in the summer and includes concrete pavement preservation, guide rail updates, drainage improvements, and sign and pavement marking installation. Off-peak single-lane restrictions, overnight ramp closures, possible weekend work and a long-term shoulder closure will occur during the project which will conclude in the fall of 2019.

Route 837 West Carson Street

This \$6.06 million milling and resurfacing project on Route 837 West Carson Street in the City of Pittsburgh is anticipated to begin in early May. The project will occur between the Smithfield Street and the West End Bridges. Short-term lane restrictions will occur on the majority of the project, with long-term restrictions at Station Square. Additional work includes concrete reconstruction, base repairs, guide rail improvements, traffic signal updates, drainage upgrades, and sign and pavement marking installation. The overall project will conclude by the end of 2019.

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

This approximate \$12-15 million resurfacing project also includes signal upgrades, and ADA curb cut ramp installation. Additionally, pedestrian safety improvements including curb extensions (bump-outs), “No turn on red” sign installation, high visibility crosswalks, pedestrian countdown signals, and completed sidewalk connection from the Birmingham Bridge to Carson Street will occur on East Carson Street between Smithfield Street and 33rd Street in the City of Pittsburgh. Restrictions will vary throughout the corridor. Motorists should expect daytime, overnight and weekend work requiring lane restrictions and detours. A start date has not been determined on this project. The Department is coordinating final working hours and restrictions with the City of Pittsburgh.

Route 885 Boulevard of the Allies – Liberty Bridge/Crosstown Boulevard Interchange to Bates Street

The Boulevard of the Allies Betterment Project is anticipated to begin in late April. The project includes milling and resurfacing, concrete patching, minor structure repairs, traffic signal replacement at Bates Street, ADA curb ramp work, utility adjustments, and bicycle safe grate installation between the Liberty Bridge and Bates Street in Pittsburgh. The \$7.08 million project will be completed in the spring of 2020. Overnight and off-peak single-lane restrictions will occur.

Route 910 Bridge Replacement

Detours will occur on this \$1.09 million bridge replacement project located on Route 910 near Oak Road in West Deer Township. Bridge replacement and minor approach roadway work will begin this summer and the overall project is expected to conclude in November 2019.

Route 1014 Hite Road Bridge Deck Replacement

Traffic will be maintained in half-widths on this project to replace the bridge deck on the Hite Road structure over Route 28 in Harmar and Springdale townships. Additional work includes superstructure and substructure repairs, bearing replacement, increasing vertical clearance, drainage improvements, and highway lighting upgrades. A one weekend detour will occur for bridge jacking operations. The project is part of a \$6.86 million, two-bridge contract that will conclude in late September 2019.

Route 1016 Cove Run Road Bridge Replacement

Temporary traffic signals will control a single-lane of traffic on the Cove Run Road Bridge over Deer Creek in Indiana Township while bridge rehabilitation occurs on this \$1.64 million project. Minor work began in late 2018 with major improvements occurring in 2019. Work includes deck replacement, bridge painting, bearing replacement, substructure repair and approach roadway work. The overall project is expected to conclude in November 2019.

Route 1019 Butler Logan Road Bridge Deck Replacement

Bridge deck replacement work is underway on the Butler Logan Road Bridge over Route 28 in Frazer Township. Traffic will be maintained and controlled by temporary signals on the bridge as work will occur in half-widths. The project is part of a \$6.86 million, two-bridge contract and includes painting and bearing replacement. The overall project will conclude in late fall 2019.

Route 1024 Mountain View Road Slide Remediation

Traffic will be detoured during slide remediation work on Mountain View Road in West Deer Township. Work is expected to begin in the summer of 2019 and the roadway is anticipated to reopen to unrestricted traffic within approximately a month. Additional work includes roadway reconstruction and drainage upgrades. The project is part of a three-slide group project worth \$1.12 million.

Route 1027 Pleasantville Road Bridge Rehabilitation

This \$782,565 bridge replacement project in Harrison Township is anticipated to begin in late March and conclude in late summer 2019. Work will include a superstructure replacement requiring a long-term detour. Additionally, approach roadway repairs will be conducted.

Route 1031 Lardintown Road Bridge Replacement

Traffic will be detoured on this \$1.39 million bridge project in Fawn Township. Work includes the replacement of the existing steel multi-girder bridge, approach roadway reconstruction, guide rail upgrades, and sign and pavement marking installation. The overall project will end in late 2019.

Route 1032 Burtner Road Slide Remediation

Minor preparatory work may occur in late 2019 on the estimated \$500,000-\$1 million slide remediation project. Work will require a full three-month closure on Burtner Road between Karns Road and Buchanan Street in Harrison Township. Additional work includes drainage improvements and resurfacing. The overall project will conclude in 2020.

Route 2001 McKeesport Road Bridge Rehabilitation

This \$1.53 million project is expected to begin in late 2019 with minor work including tree trimming and utility relocation. Accelerated Bridge Construction techniques will be used to place a precast reinforced culvert on McKeesport Road over Fallen Timber Run at the confluence of 2nd and 3rd Avenues in Elizabeth Borough. Major construction work is anticipated to begin in

June 2020 and will require a 15 to 30-day closure with a detour. The overall project will conclude in September 2020.

Route 2010 Lovedale Road Bridge Replacement

A bridge replacement using Accelerated Construction methods will occur on the Lovedale Road Bridge over Wylie Run in Elizabeth Township and Lincoln Borough in 2019. Traffic will be detoured as the bridge closes to traffic for approximately one month during the summer while school is out on this \$1.45 million project. The overall project is anticipated to conclude in November 2019.

Route 2023 Harrison Hollow Road Slide Remediation

Harrison Hollow Road is currently closed to traffic due to landslides and will remain closed during construction. The remediation project is expected to begin in the late spring/early summer of 2019 on this approximate \$1-2 million repair of Harrison Hollow Road between Lovedale Road and Liberty Way in Lincoln Borough. The overall project should end in late 2019.

Route 2058 Hulton Road Slide Remediation

Slide remediation work, including retaining wall erection, drainage improvements and resurfacing, will occur on Hulton Road between Iowa Street and Michael Drive in the Municipality of Penn Hills in 2019. The estimated \$3-4 million project will require a full closure and detour. Work is anticipated to begin in the spring and the overall project should conclude in the fall of 2019.

Route 2065 Larimer Avenue Slide Remediation

Landslide repairs using pipe dowels will begin in the summer of 2019 on this estimated \$1-2 million project. Larimer Avenue, between Churchill Road and Harrison Road in Wilkins Township, will have traffic detoured during construction which is expected to conclude in the spring of 2020.

Route 2070 Indiana Road Slide Remediation

A roadway closure and detour will occur during slide remediation work on Indiana Road in the Municipality of Penn Hills. The estimated \$500,000-\$1 million slide repair between Hulton Road and Hamil Road also includes drainage improvements and resurfacing. The work should begin in late summer/early fall 2019 and last approximately three months.

Route 2075 Logans Ferry Road Bridge Superstructure Replacement

This \$1.09 million superstructure replacement project is set to begin this summer in Plum Borough. The bridge, located on Logans Ferry Road over Pucketa Creek near Route 366, will be reduced to a single-lane of alternating traffic controlled by temporary signals. Guide rail upgrades, sidewalk and barrier repairs, and pavement marking work will be conducted. The overall project is anticipated to end in early November 2019.

Route 2094 Jerome Street Bridge Rehabilitation

Bridge rehabilitation work on the Jerome Street Bridge over the Youghiogheny River in the City of McKeesport is expected to begin this spring. Depending on the start date, the estimated \$15-17 million project is anticipated to conclude in the summer of 2021 and includes a new concrete deck, sidewalk and barrier repairs, full painting, structural steel repairs, concrete substructure repairs, bearing replacement, and new expansion dams. In 2019, single-lane restrictions will occur. In 2020, one lane of traffic will be maintained in the eastbound direction while westbound traffic will be detoured.

Route 2152 Rodi Road

Traffic will be detoured for several months for the replacement of the existing concrete T-beam bridge with a precast concrete box culvert on Rodi Road in Wilkins Township and Churchill Borough. Minor preparatory work may begin in late 2019, with the majority of construction activities occurring in 2020 on the estimated \$1-2 million project.

Route 3004 McLaughlin Run Road Roundabout

This estimated \$4-6 million project in Upper St. Clair Township is tentatively set to begin minor work in late 2019. The project will convert the signalized McLaughlin Run Road and Lesnett Road/McMillan Road intersection into a single-lane roundabout. Additionally, two structures will be replaced, sidewalks with ADA curb cut ramp will be installed, guide rail and drainage improvements, sign updates, lighting upgrades and pavement marking construction will occur. Long-term single-lane restrictions with temporary traffic signals are anticipated. The project end date will depend on the timing of the start, but work will continue through 2020.

Route 3005 Mayview Road Bridge Replacement and Turning Lane Installation

Minor work is anticipated to begin in 2019 on this \$2-3 million improvement project at the intersection of Mayview Road and Boyce Road in South Fayette Township. Major work with detours will begin in the spring of 2020 and include 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, bridge replacement, roadway widening, signal upgrades and lighting improvements. The work is expected to be completed in one construction season.

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 include widening, traffic signal replacement and turn lane installation on this estimated \$500,000-\$1 million project. Major construction activities will begin in the spring of 2020; however, minor work may occur in late 2019. Motorists will see single-lane restrictions and temporary signals during this project which is set to end in the fall of 2020.

Route 3014 Piney Fork Road Slide Remediation

This estimated \$500,000-\$1 million project will address the slide on Piney Fork Road located between Single Track Road and Triphammer Road in South Park Township. Repair work with a rock slope and roadway reconstruction will require a long-term detour. An exact start and end date has not been determined, but the closure should last approximately three months.

Route 3017 Gill Hall Road Bridge Rehabilitation

A full closure of the Gill Hall Road Bridge over Peters Creek in Jefferson Hills Borough is anticipated to begin in the spring on this \$898,346 rehabilitation project. Repairs include a deck replacement and approach roadway improvements. Overall work will conclude in the fall of 2019.

Route 3048 Noblestown Road Slide Remediation

Beginning in the summer of 2019, Noblestown Road slide remediation work will occur between Nike Site Road and Pinkerton Run Road in Collier Township. A road closure and detour will be necessary to address this \$1-2 million project which should conclude in November 2019.

Route 3048 Noblestown Road Bridge Preservation

Bridge preservation work including deck and barrier repairs, expansion dam replacement, bearing rehabilitation and replacement, steel repairs, painting, and substructure repairs is

underway on this \$3.54 million project. Single-lane traffic in each direction will be maintained as motorists are shifted onto one half of the bridge located near the I-79 Carnegie interchange in Collier Township. Additionally, a truck detour is implemented due to turning radius restrictions. The overall project is anticipated to be finished in late November 2019.

Route 3066 Steubenville Pike Slide Remediation

Slide remediation work is anticipated to begin in the summer of 2019 on this estimated \$1-2 million project on Steubenville Pike between McKee Road and Palomino Drive in North Fayette Township. The roadway is expected to remain open with short-term single-lane restrictions during the project which should conclude in the spring of 2020.

Route 3096 Harper Road Slide Remediation

Slide remediation work on Harper Road in Crescent Township is anticipated to begin in the summer of 2019. In addition to landslide repair, drainage improvements and pavement reconstruction will occur. Traffic is anticipated to be detoured for approximately two months. The overall project will conclude in the fall of 2020. The project is part of a three-slide group project valued at \$1.12 million.

Route 4009 Babcock Boulevard Flood Repairs

Culvert replacement work is underway on this \$2.77 million project at the intersection of Babcock Boulevard and Peoples Road in Ross Township. Temporary signals will be utilized for single-lane alternating traffic at the intersection as crews conduct permanent repair work to the culvert that was damaged in 2018 flooding. The overall project will conclude in November 2019.

Route 4017 Wetzel Road Bridge Replacement

Minor work may begin in late 2019 on this approximate \$1-2 million bridge replacement project on Wetzel Road over Little Pine Creek in Shaler Township. Traffic will be detoured in 2020 at the end of the school year to construct the bridge. Additional work includes approach roadway repairs, drainage and guide rail improvements, signing, and pavement marking upgrades. The overall project is anticipated to conclude in late 2020.

Route 4028 Redgate Road Slide Remediation

Preparatory work may start in late 2019 on this \$500,000-\$1 million slide remediation project. A full closure of Redgate Road between Route 65 and Rhodes Avenue in Aleppo Township will occur in the spring of 2020 for approximately three months as crews conduct slide repair work including drainage improvements and resurfacing.

Route 4036 Big Sewickley Creek Road Bridge Replacement

Minor construction work may occur in 2019 on this \$2.37 bridge replacement project on Big Sewickley Creek Road in Bell Acres and Franklin Park boroughs in Allegheny County and Economy Borough in Beaver County. Single-lane alternating traffic, controlled by temporary signals, will occur during construction, which will mainly occur in 2020. The overall project is set to finish in December 2020.

Route 8002 Boulevard of the Allies Ramp H Repairs

This \$1.29 million project includes concrete repairs to the deck, barriers, and underside of the ramp from I-579 to the Boulevard of the Allies. Single-lane restrictions will occur for cars and trucks will be detoured. Additionally, portions of the Boulevard of the Allies ramps to the Liberty and Veterans Bridges will be rehabilitated, which will include a weekend closure. The project will begin in the spring and is anticipated to be completed by mid-summer 2019.

Route 8004 Boulevard of the Allies Ramp U Preservation

Bridge preservation work will occur on the Ramp U bridge that carries traffic from the inbound Boulevard of the Allies (Route 885) to inbound I-376 (Parkway East). The \$2.33 million project includes deck repairs and overlay, steel superstructure repairs, full painting, bearing replacement, concrete substructure repairs, and drainage improvements. Additionally, a retrofit of the existing curb radius from outbound Forbes Avenue onto Brady Street is included to reduce the occurrences of trucks striking the bridge. Overnight and weekend closures of the ramp will occur, as well as a long-term closure of Brady Street and single-lane restrictions on Forbes Avenue. The project is anticipated to end in mid-November 2019.

I-579 “Cap” Project

The \$24-26 million Sports and Exhibition Authority’s I-579 “Cap” Urban Connector project is set to begin this summer in the City of Pittsburgh. The project will consist 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, 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. To allow the work to occur, a long-term closure of the ramp from northbound I-579 to Seventh Avenue will be implemented for nearly the duration of the project. The northbound I-579 off-ramp to Bigelow Boulevard and the southbound I-579 on-ramps from Seventh Avenue and Bedford Avenue will have periodic long-term, overnight, and weekend closures. Additionally, overnight and weekend closures of I-579 will occur. The overall project will continue through late November 2021.

Thorn Run Interchange

The reconfiguration of the Thorn Run Interchange at Business Route 376 in Moon Township is anticipated to begin this spring. The project includes ramp construction, widening, traffic signal installation, drainage improvements, guide rail upgrades, curb and sidewalk repairs, and structure work at the interchange near Coraopolis Heights Road, Thorn Run Road Extension, and Cherrington Parkway. Lane and shoulder restrictions will occur on Business Route 376 and other roads during construction, which is anticipated to continue through the summer of 2020.

Allegheny County Adaptive Traffic Signal Systems

Installation of adaptive traffic signal systems in Allegheny County will occur in the following locations:

- Route 8 from Kittanning Street in Etna Borough to Dicky Road in Richland Township
- Route 1001 (Freeport Road) from the Hulton Bridge to Alpha Drive East and on Route 910 from Freeport Road to Route 28 in Harmar Township
- Route 88 from Route 51 in the City of Pittsburgh to Baptist Road in the Municipality of Bethel Park

Group Resurfacing Contracts

Group 1 – Milling, resurfacing and drainage improvements

- **Old Washington Pike (Route 3025)** from Greentree Road to the dead end of Old Washington Pike in Scott Township
- **Main Street/Scrubgrass Road/Segar Road (Route 3033)** from Vanadium Road in Scott Township to Bower Hill Road in Mt. Lebanon Township

- **Chartiers Street/Lesnett Road/McMillan Road/Robb Hollow Road/Kelso Road (Route 3034)** from Washington Avenue in Bridgeville Borough to Bower Hill Road in Mt. Lebanon Township

Group 2 - Milling, resurfacing and drainage improvements

- **Lebanon Road (Route 885)** from Lebanon Church Road in West Mifflin Borough to Mifflin Road in the City of Pittsburgh
- **Mifflin Road (Route 2045)** from Pittsburgh McKeesport Boulevard in West Mifflin Borough to Lebanon Road in the City of Pittsburgh
- **McClintock Road (Route 2024)** from Lincoln Way to Laurel Lane in White Oak Borough
- **McClintock Road (Route 2033)** from Muse Lane to Jacks Run Road in White Oak Borough
- **Thompson Run Road (Route 2052)** from Buttermilk Hollow Road to Homestead Duquesne Road in West Mifflin Borough
- **Buttermilk Hollow Road (Route 2040)** from Lebanon Church Road to Pittsburgh McKeesport Road in West Mifflin Borough

Group 3 – Concrete repairs

- **Washington Avenue (Route 50)** from Boden Avenue in Scott Township to Main Street in Carnegie Borough
- **Castle Shannon Boulevard (Route 3037)** from Willow Street in Castle Shannon Borough to Sunset Drive in Mt. Lebanon Township
- **West Main Street (Route 3048)** from Camp Hill Road in Collier Township to Jefferson Street in Carnegie Borough
- **Chestnut Street/Forsythe Road (Route 3056)** from Academy Street to Wabash Street in Carnegie Borough
- **McFarland Road (Route 3119)** from Washington Road in Dormont Borough to Beverly Road in Mt. Lebanon Township
- **Beverly Road (Route 19)** at the intersection with McFarland Road in Mt. Lebanon Township

Group 4 – Drainage improvements

- **Boston Hollow Road (Route 48)** from Cowan Drive to Smithfield Street in Elizabeth Township
- **Rainbow Run Road (Route 136)** from Bunola River Road in Forward Township to Westmoreland County
- **North State Street/Duquesne Boulevard (Route 837)** from New England Road/Coal Valley Road in the City of Clairton to North Second Street the City of Duquesne
- **Duquesne Boulevard (Route 2114)** from the Duquesne-McKeesport Bridge to Center Street in the City of Duquesne

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 in Allegheny County.