

**Public Works and Capital Projects**  
**March 15, 2022**

**CAPITAL STREET PROJECTS – CITY FUNDED**

**2022 Selective Slab Replacement A** – The bid opening for Selective Slab Replacement A was held on February 7, 2022, with Lamke Trenching & Excavation submitting the low bid. City Council approved a contract with Lamke on February 22, 2022 in an amount not to exceed \$1,500,000. Construction is tentatively scheduled to start in late March on Bridgeway Drive. There are approximately 15,500 square yards of concrete pavement replacement as part of this project. Streets where work will be performed include: Blackwood Court, Bridgeway Drive, Chaistain Court, Chesterfield Manor Drive, Cheval Square, Crystal Springs Drive, Dejournet Drive, Lansbrook Court, Lansbrook Drive, Lehigh Meadows Drive, and Meierling Court.

**2022 Selective Slab Replacement B** – The bid opening for Selective Slab Replacement B was held on February 7, 2022, with Lamke Trenching & Excavation submitting the low bid. City Council approved a contract with Lamke on February 22, 2022 in an amount not to exceed \$900,000. There were originally 18,000 square yards of concrete pavement replacement as part of this project, however, due to high bid prices approximately 10,500 square yards of pavement replacement were removed from the project. Streets to be deferred to a future year are: Conway Springs Drive, Forest Meadows Drive, Whitestone Farm Drive, and Woodland Field Court. Project B now contains 7,634 square yards of pavement replacement on the following streets: Englewood Terrace, Sycamore Drive, Terrimill Terrace, and White Elm Court. Project B will also include the replacement of grated troughs on Benton Taylor Drive, Hunters Hill Drive, and Treherne Court. Construction of Project B will commence after Project A is substantially complete.

**Crack Sealing Project** – The 2022 crack sealing project is scheduled to be bid in the Fall. Crack sealing is generally most effective in late fall/early winter when streets are contracting and the cracks are open.

**Schoettler Road Improvements** – This project will include a two-inch mill of the existing asphalt pavement, pavement base repairs, replacement of failing curb and gutter sections, removal and replacement of non-compliant ADA curb ramps, and a two-inch asphalt overlay on Schoettler Road between Georgetown Drive and South Outer 40 Road. The portion of Schoettler Road recently reconstructed as part of the Schoettler Road Bridge replacement will receive a seal coat only. This project is scheduled to be publicly bid in April, with construction expected to commence in early June. The project should be completed before school resumes in late August.



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**SIDEWALKS AND TRAILS**

**2022 Sidewalk Replacement Projects** – Due to the Emerald Ash Borer (EAB) crisis, City Maintenance Staff have been re-allocated to focus on tree removal. Accordingly, City Council has approved the EAB Action Plan whereby annual sidewalk funding will be approximately \$500,000 through 2022.

**2022 Sidewalk Leveling Project** - This year the City Engineering Staff will manage a project whereby a contractor will level sidewalk sections to remove deficiencies through the use of a mud-jacking or similar process. This will allow the City to repair additional sidewalk and will reduce the number of slabs that will require full removal and replacement within the Sidewalk A Project. The bid opening for this project will be held on April 5, 2022. Construction is expected to commence in the late spring.

**2022 Sidewalk Replacement A** – This project will correct sidewalk deficiencies in a number of subdivisions, including The Courts, Sycamore Place, Forest Meadows, Wilson Farm, Wilson Manor, Chesterfield Meadows and Bent Tree. This project will be advertised for bid after the 2022 Sidewalk Leveling Project is completed. Construction is expected to commence in the summer of 2022.

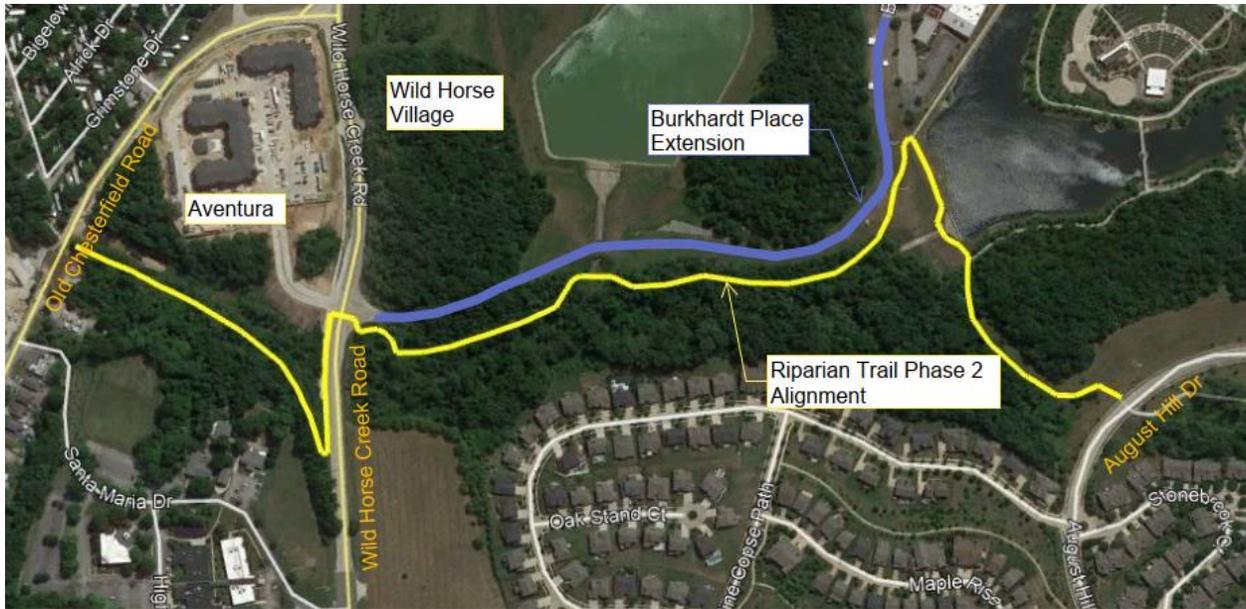
**2022 Sidewalk Replacement B** – This project will address miscellaneous sidewalk deficiencies throughout the City of Chesterfield, primarily identified through Work Orders and Requests for Action (RFAs). The bid opening for this project was held on February 7, 2022. On February 22, 2022, City Council approved a contract with Lamke Trenching and Excavation in an amount not to exceed \$200,000. Construction is scheduled to begin on March 14, 2022.

**Riparian Trail** – The project limits for Phase II of the Riparian Trail will begin at August Hill Drive, continue north through Central Park, cross Wild Horse Creek Road at the Burkhardt Place intersection, and terminate at Old Chesterfield Road. This project is partially funded through a \$1 million grant acquired through the Transportation Alternatives Program (TAP). All remaining project costs outside the grant will be funded through the Chesterfield Valley Transportation Development District (TDD), resulting in no net cost to the City of Chesterfield.

Construction bids were opened for the Riparian Trail project on July 27, 2021 with Ideal Landscape Management submitting the low bid. After review by City Staff and formal bid concurrence from MoDOT, the City Council approved a construction contract with Ideal Landscape Management in an amount not to exceed \$880,000. Ideal began work on October 11, 2021 and has completed

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clearing and rough grading between Wild Horse Creek Road and August Hill Drive. Ideal recently remobilized to the south end of the project and began constructing retaining walls between August Hill Drive and Central Park. Equipment and material are staged on August Hill Drive due to existing site topography and minimal suitable property outside of right-of-way at this end of the project. We anticipate that paving of the entire trail will occur in late spring, and that project will be completed in its entirety in July.



**Monarch Chesterfield Levee Trail Phase V** – This project (Baxter to I-64) is complete. Due to concerns about the safety of the section of trail which passes under I-64 in close proximity to Bonhomme Creek, the trail has been closed just south of I-64. This section will remain closed until the next phase (Phase VI - see below) is constructed.

**Monarch Chesterfield Levee Trail Phase VI** – Phase VI of the Monarch-Chesterfield Levee Trail extends from just north of I-64 to the northeast corner of Top Golf. Once constructed, this section will fill the remaining “gap” in the Levee Trail. The project was previously on hold due to a Levee Improvement Project, managed by the Monarch-Chesterfield Levee District. The Levee Improvement Project was completed in the fall of 2021. The City is currently in negotiation with the underlying property owners for easements necessary to construct Phase VI of the Monarch-Chesterfield Levee Trail. A project start date will be scheduled once easement acquisition is complete.

It is important to note that the Monarch-Chesterfield Levee is located on private property and the City has no right to construct a trail on the levee without an easement. Accordingly, City Staff has contacted the owners of the

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affected properties in order to acquire the easements necessary to construct the Levee Trail extension. On February 1, 2021 City Council approved ordinances authorizing negotiation and the use of condemnation, if necessary, to acquire the easements for the project. City Engineering Staff has contacted all affected property owners and has made written monetary offers for the required easements. City Engineering Staff and the City Attorney met with the owners' attorney in June of 2021. Since then, the City Attorney has made multiple attempts to communicate further with the owners' attorney but has gotten no response. Accordingly, the City is pursuing condemnation through the City Attorney's office. Construction of this project cannot commence until all necessary easements are obtained.



**Accessible Ramp Improvements (CDBG-2021)** – This project will include the reconstruction of approximately 18 ADA compliant sidewalk ramps in the Highcroft Estates, Schoettler Valley Estates and Westfield Farm subdivisions. The bid opening will be held on April 5, 2022. This project is entirely funded through the CDBG Program, administered by St. Louis County. Construction is anticipated to begin in the Spring of 2022. Please note that this is considered a 2021 project, but the CDBG funding will not be released by St. Louis County until 2022.

**Eberwein Park** – This project involves removing the aggregate trails located throughout Eberwein Park and replacing them with a new concrete trail. The trail will be relocated in some areas in order to minimize the grade and stabilize the trail. This project will correct the erosion issues that have been affecting

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the Eberwein Park trails since they were originally constructed. An engineering services contract with Horner and Shifrin was approved by City Council on May 3, 2021 in an amount not to exceed \$70,000. Preliminary design has been approved, and Horner and Shifrin is currently working on the final bid documents, including Plans, Specifications, and Estimate (PS&E). This project is scheduled to be publicly bid in late April. If approved by City Council, construction will commence this summer. The project is being designed such that access to the community garden and dog park will be maintained at all times during construction.

**MISCELLANEOUS PROJECTS**

**Sewer Lateral Program** – In the month of February, the City of Chesterfield received eleven applications for sewer lateral repairs, of which nine were approved. As of January 1, 2022, the City has received 16 applications for repair, of which 13 have been approved.



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**Street Tree Inspections and Removals** – During the month of February, the City of Chesterfield received 44 requests for street tree inspections. These inspections resulted in the approval for removal of 14 street trees. Based upon previous inspections, the City of Chesterfield managed the contractual removal of 15 street trees (10 non-Ash and 5 large White Ash) as well as the grinding of 75 stumps. In the month of February, three consecutive mid-week winter weather events significantly delayed contractors' tree removal and stump grinding work.



**Emerald Ash Borer Preparedness Plan and Action Strategy** – During the month of February, 35 Ash trees were removed by Public Works maintenance personnel. There are approximately 950 Ash trees remaining, which are all scheduled for removal by December of 2022. Seven years after the initial EAB detection in 2015, infestation numbers for the borer have yet to reach the top of the estimated population curve. Missouri state forestry entomologists continue to forecast that the EAB infestation around the St Louis area will peak in 2025 and that 99% of all Ash trees will die due to the damage caused by the borer. The remaining public Ash trees continue to exhibit signs of decline in all size ranges. Until all of the Ash trees are removed, Public Works and contracted tree crews will primarily focus on Ash trees and trees with immediate hazards when considering removal. Nuisance trees will be deferred until the public Ash trees have been eliminated.

**Residential Street Tree Planting Program** – The City's tree planting contractor (Farinella Nursery) will begin installing the 190 trees scheduled for the Spring 2022 planting during the week of March 21. In February, the City began accepting tree requests for the Fall 2022 planting, with an application deadline of August 31, 2022.

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**2022 Parking Lot Asphalt Overlay (City Hall, Aquatic Center, and Parks Administration)** – This project will include an asphalt overlay of the parking lots located at City Hall, the Aquatic Center, and the Parks Administration Building. Funding for these overlays was approved as part of the 2022 budget, and the project is currently under design by City staff. The parking lot overlay project will be publicly bid this summer and is expected to be constructed in the fall after the Aquatic Center closes for the 2022 season.

**2022 Parking Lot and Trails Seal Coat** - This project includes seal coating and restriping the remaining City parking lots (not included in the asphalt overlay project) and trails. Funding for this project was included in the 2022 budget and the project will be designed by City staff. The project will be publicly bid this summer and work will commence in the fall.

**Main Circle Drive** – In cooperation with the Parks Department, the Engineering Staff is working to design an extension of Main Circle Drive from its existing terminus at the Main Circle Drive round-a-bout to Veterans Place Drive. An engineering design services contract with Stock & Associates was approved by City Council on January 19, 2022 in an amount not to exceed \$40,000. Stock was given Notice to Proceed on January 25. Ninety-five percent of the design plans have been developed and Stock is currently coordinating agency submittals and plan revisions. Construction of this project is expected to occur this fall.

**Flood Insurance Rate Map Updates** – The State Emergency Management Agency (SEMA) is in the process of updating the Flood Insurance Rate Maps (FIRMs) and Flood Insurance Study (FIS) for St. Louis County. SEMA and its consultant (Wood Engineering) provided an introductory presentation on the new maps to municipal representatives in August of 2018. Based upon this information, the City sent postcard notifications to all property owners within 200 feet of a proposed floodplain/floodway change in September 2018. This allowed property owners to view the proposed changes and provide additional information and comments on the changes. SEMA held additional meetings in January of 2019, at which time they announced that Preliminary FIRMs were expected to be completed in the summer of 2020. The issuance date of the preliminary FIRMs has been delayed several times. The most recent update Staff received from SEMA was on January 3, 2022, at which time Wood, on behalf of SEMA, indicated the issuance of the preliminary FIRMs is expected in late April 2022. The new FIRMs are expected to officially become effective in late 2023. Details on the new maps and the information from SEMA are located on the City's website. We will continue to update the website, and this report, as we obtain additional information.