

**Project:** 2020 Street Maintenance Program

**Type:** Capital Improvement

**Cost:** Estimated to be \$903,000

**Financing:** City of Canal Winchester

**Engineer:** EMH&T  
Columbus, OH

**Contractor:** TBD

**City Contact:** Bill Sims  
Construction Services Administrator  
614-834-5109  
[wsims@canalwinchesterohio.gov](mailto:wsims@canalwinchesterohio.gov)



**Description:** The Street Program consists of work in several areas of the City. The general goal of the program is maintenance and preventative maintenance of existing infrastructure. This year the City will be improving the following areas:

**W. Waterloo St.:** The roadway from Chesterville Dr. west to Walmart's east entrance will be milled and resurfaced. New thermoplastic striping will be installed on the roadway. Pedestrian crossings will be added at Chesterville Dr. and at Pfeiffer Dr.

**Ashbrook Village:** Asphalt pavement milling and resurfacing is planned for Williamson Ln. from Ashbrook Dr. south to Ashbrook Village Dr., Saylor St. & Hilliard Dr. Sidewalk ramps will be improved as necessary.

**Villages at Westchester:** Asphalt pavement milling and resurfacing is planned for Hemmingford Dr. Sidewalk ramps will be improved as necessary.

**Pool Parking Lot:** Expand the pool parking lot to the west; adding 24 parking spaces.

**New Bikepath:** Extend an 8ft asphalt path from W. Waterloo St. at Chesterville Dr. along the south side of the Tussing Ditch to the newly constructed extension of Bigerton Bend. This work is currently listed as an alternate and will be performed based on cost.

**Sidewalk Program:** Residents will be afforded the opportunity to opt-in to a cost sharing program administered by the City. This program, utilizing the Street Program contract, will replace deteriorated and uneven sidewalks in designated areas of town. This year the work area will be predominately in the Winchester

Village Subdivision on Chesterville Dr., Chesterville Ct., Sarwil Dr. from Chesterville Ct. to Pfeiffer Dr., and Windward Ct.

**Asphalt pavement crack filling and surface rejuvenation:** Various streets will be crack filled. Streets paved last year in Ashbrook Village will receive an application of pavement rejuvenator.

**City wide misc. items:** Misc. spot repairs will be made to curbs and pavements. Some curb inlet repairs will be performed as well. Pavement restriping as needed.

### **Traffic and Access Impacts:**

**Access for emergency services will always be maintained.**

**W. Waterloo St.:** Traffic will be maintained utilizing flaggers. Drive access will generally be maintained. There will be some limited access interruptions while work is being performed immediately in front of driveways. Notices of expected interruptions will be posted by the contractor.

**Ashbrook Village:** Traffic will be maintained. On street parking will be restricted to provide adequate and safe work areas. Drive access will generally be maintained. There will be some limited access interruptions while work is being performed immediately in front of your property. Notices of expected interruptions will be posted by the contractor.

**Villages at Westchester:** Traffic will be maintained. On street parking will be restricted to provide adequate and safe work areas. Drive access will generally be maintained. There will be some limited access interruptions while work is being performed immediately in front of your property. Notices of expected interruptions will be posted by the contractor.

**Sidewalk work:** Minimal impacts to traffic. Occasional lane closures will be controlled by flaggers.

**Crack fill:** Moving operation. Traffic control with flaggers.

**Rejuvenation:** Moving operation. Traffic control with flaggers.

**Schedule:** The program is anticipated to begin in mid April and will be complete in July.

## Frequently Asked Questions:

- 1. Why is my street being worked on?** Maintenance of asphalt pavements is an important aspect to help insure the longest useful pavement life possible. City streets are regularly reviewed and their condition assessed. Some issues like potholes, broken curbs, large cracks are obvious and need to be corrected to keep the roadway safe. However, we also perform preventative maintenance in order to protect the pavement from deterioration due to climate and traffic that would reduce its useful life. Work such as crack filling, slurry sealing, rejuvenation crack repair, small pavement repairs can help protect the pavement from excessive water reaching the subgrade, deterioration from ultraviolet radiation, & effects of freeze/thaw cycles.
- 2. Who do I contact if I have an access issue?** If you anticipate an issue with access to your property during the work please contact the City Construction Administrator, Bill Sims at 834-5109 or email [wsims@canalwinchesterohio.gov](mailto:wsims@canalwinchesterohio.gov).
- 3. Who can I contact if I have questions about work schedule?** Please contact the Construction Services Administrator, Bill Sims at 834-5109 or email [wsims@canalwinchesterohio.gov](mailto:wsims@canalwinchesterohio.gov).
- 4. What is “Crack fill”?** Crack fill is a relatively inexpensive first line of defense for an asphalt pavement against its biggest foe, moisture. Crack fill is a bituminous liquid blended with polypropylene fibers that is hot applied to cracks in the pavement larger than 1/8” wide. It is typically cooled with water immediately after placement so the road can be opened to traffic quickly. This material fills the crack and seals it, to help prevent water from reaching the aggregates and soil below the asphalt.
- 5. What is “Milling and Resurfacing”?** Pavement “milling” also referred to as “planing” is the method used to remove a designated thickness from an existing asphalt pavement. Most milling is in the 1-1/2” – 3” range, however profile milling or edge milling is sometimes used with thicknesses of less than 1” being removed. After the surface is milled, any necessary repairs of pavement failures are made and then the road is resurfaced with new asphalt. On some mill and resurfacing projects we also apply a layer of geo-textile fabric to the existing asphalt surface before the new asphalt is placed. This paving fabric creates a waterproof membrane between the asphalt layers that aids in the pavements ability to resist the effects of moisture and slows the reappearance of reflective cracking through the new asphalt.
- 6. Who should I contact if I have unanswered questions or want to make a comment?** Please contact the City Construction Administrator, Bill Sims at 834-5109 or email [wsims@canalwinchesterohio.gov](mailto:wsims@canalwinchesterohio.gov).