

## 2021 Concrete Repair Program

**The information in this pamphlet will help you become familiar with what to expect during the construction project that is planned for your street.**



**Watch for letters and memos** taped or hanging in a conspicuous location, often near your front door. Construction memos will be used to deliver



important messages to you about construction activities that will affect you, such as traffic maintenance, driveway access or mail delivery

changes. Memos will also be issued by the contractor to obtain information from you regarding sprinkler systems, invisible fences, or any other private utility lines buried near the road or sidewalk.



**The Engineering Department will notify the Police, Fire, and Service Departments as well as the School Bus Garage** regarding work at the project. Emergency access is always maintained for the safety forces. Always bring your trash and recycle cans out and place them as close as possible to their normal location. The contractor will work with the Service Department to collect the trash and recyclables and return your cans to the same location. The School Bus Garage will inform you of any necessary changes for bus stops.

The contractor will perform **preconstruction photography** to document the condition of existing public and private property near the work site for their protection and yours.

On streets where mail is delivered by truck, **temporary mailboxes** are typically provided at a safe, convenient location, as approved by the US Postal Service. You will be notified if and when this occurs. If necessary the contractor may remove your mailbox and temporarily store it in a safe location on your property designated by you.

**Traffic Maintenance** signs, barrels, and barricades will be set up along the construction site with any necessary detour routes to safely manage the flow



of traffic through the construction area. These are in place to protect you and the workers from hazards due to the construction activity.

The contractor will contact the Ohio Utilities Protection Service (OUPS) to have underground utilities marked by their owners (utility companies). You will be notified in advance, by memo, of any planned utility shut off. Unfortunately, **unplanned utility interruptions** do occur. Some of them are unavoidable. Please be aware that when there is a utility interruption, the city and the contractor will do everything possible to get the utility owner (AT&T, Spectrum, Dominion, First Energy and Cleveland Water) to restore the service as quickly as possible.

Whether your street is scheduled for repairs or a full replacement, work will begin by **saw cutting the concrete pavement** and isolating the sections to be removed. The saw cutting process creates wet concrete slurry on the pavement, which will be cleaned by the contractor when the process is complete. Please avoid driving through the slurry. Should you get slurry on your car, it can typically be cleaned off the same day using your garden hose.



Typically one lane of concrete pavement is replaced at a time. You will receive a notice from the contractor advising you which side of the street will be replaced first. In addition, you will be notified when you need to move all of your vehicles out of your driveway. You will not have access to your driveway for approximately three weeks. It usually works best to make arrangements with a neighbor to **park in the driveway across the street and reciprocate the favor** when the operation changes sides. Those who choose to park cars overnight on the street outside of the project limits must contact the Solon Police Department non-emergency number at 440-248-2932 to obtain permission and register each vehicle with them.



Existing **concrete pavement will be removed** from the first lane of construction. Drive aprons and curb ramps being replaced will be removed at the same time and are typically marked in advance with paint. When all of the pavement in front of a

drive apron is being replaced, the apron is typically replaced as well. **Temporary walkways** will be placed by the contractor at approximately every third house. This usually is not necessary on streets where concrete patches are replaced. It is our intention that no one should have to walk farther than the house next door to have a clean and safe location to cross the street to their car. The new **concrete pavement area will be prepared** by installing and/or grading the stone base. Formwork will be constructed and steel reinforcements installed.

**Major concrete pavement pours** are the most difficult days to drive down the street. Concrete is placed into pavement areas that have been formed. Curb cuts are made at drive aprons so that there is only a 1 ½” lip where the apron meets the pavement. Concrete samples are taken by a materials testing lab. Formwork is removed and construction joints are saw cut into the new pavement to control cracking.

The next 3-7 days after pouring the concrete is a **cure time**. Although it is safe to walk on the new concrete several hours after it has been placed, vehicular traffic needs to stay completely off the new pavement until it is determined that the new concrete has achieved sufficient strength by testing samples.

When the pavement is cured enough to open to traffic, crews will **adjust the manholes and catch basins** in that lane and pour concrete around them. They will also grade, form and **pour the drive aprons** and curb ramps. When these items have achieved sufficient strength to drive on, the contractor will remove the barrel or cone from your drive apron and let you back into your driveway.

This same process is repeated on the other side of the street.

Concrete cul-de-sacs will be completely removed and prepared so that the concrete can be placed in one homogenous pour using a pump truck.

When paving is complete, disturbed areas are **graded, top soiled, seeded, and mulched**.

Because it is seasonal work, seeding is only performed in the spring and fall. Your help with watering will ensure the success of the grass planting. Mailboxes that have been moved to facilitate construction will be replaced by the contractor.

The work planned for your street and described above is major construction work that must be performed in the roadway. Although the city and

the contractor will take reasonable measures to make sure this experience is as tolerable as possible, it will be inconvenient. There will be dust, mud, noise, and access issues. Weather will sometimes cause delays to written schedules.

Please be patient and look forward to the day when the work is complete and the condition of your street is significantly improved. In the meantime, **if you experience a problem that is unexpected or possibly overlooked, or if you have a special need that we may be able to help you with, please contact the Engineering Department at 440-349-6745.**

**The following is a list of streets scheduled for repairs:**

**Arlesford Drive – full width pavement replacement**

**Bramble Lane – replacement of the intersection at Southside Park Drive and the cul-de-sac**

**Estates Court – full width pavement replacement**

**Green Ridge Avenue – full width pavement replacement including the Orchard Road intersection**

**Sedgefield Oval – full width pavement replacement from 31911 to North Roundhead**

**Thistle Drive – full width pavement replacement**

**Winchester Drive – multiple repairs**

**Solon Industrial Parkway – full width pavement replacement**

**Southside Park Drive – full width pavement replacement**

**South Roundhead Drive & Hambleton Drive Intersection**

**Cannon Road – sidewalk replacement from Janet Blvd. to Harper Road**

**Please refer to the City of Solon Website for the most current schedule updates at [Solonohio.org](http://Solonohio.org)**

