

Brookland Avenue Reconstruction Project

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, Service Departments and the School Bus Garage regarding work at the project. Emergency access is always maintained for the safety forces. Always bring your garbage 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 for their protection and yours.

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 (Spectrum, Dominion, Illuminating Company, AT&T, etc.) to restore the service as quickly as possible.

All of the tree lawn trees are planned for removal. Trees will be removed before other work begins and will be replaced in the fall.

In preparation for sewer installation and concrete pavement removal, **portions of the existing concrete pavement will be saw cut.** The saw cutting process creates wet concrete slurry on the pavement which will be cleaned up 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 washed off the same day using your garden hose.

All of the sanitary and storm sewers will be During this process, large precast concrete basins will be lawn strip ready for



Sanitary sewers, of the street, are The sanitary sewer process will proceed gradually up the street from south to north installing the new main in the sidewalk and lawn-strip area.

Sidewalks and drive aprons will be removed as the sewer main is installed. Driveway access will be temporarily restored using stone.

You will not have access to your driveway for a few hours when the sewer crew is working directly in front of your driveway but access is typically restored by the end of the working day.

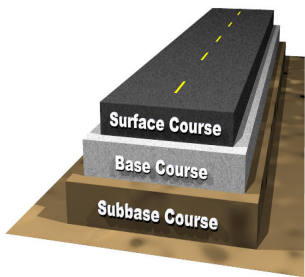
After the sanitary main is completed, the same process will be repeated to replace the storm sewer main on the east side of the street.

When installation of both the storm and sanitary sewer mains are completed, the contractor will install new sewer lateral connections from the new sewer mains to the back of sidewalk at each house and permanently connect the private property sewer laterals to the new sewer mains. A new test tee will be installed at each new lateral

connection. New catch basins will be installed and connected across the street to the new main.

Once the new sewers and laterals have been installed, the **existing concrete pavement will be removed**, and the grades for the new pavement subbase will be established. The remaining drive aprons will also be removed at this time and like the others, temporary access will be maintained using stone. Stone ramps will also be constructed where the newly graded road meets the existing pavements at the construction limits.

When the pavement has been removed and the grades established, the **cement stabilization** process occurs. During this process, cement powder is tilled into subbase soils in the pavement area to strengthen the soil for better pavement support. When the soil-cement mix has been properly tilled, the mix is compacted and rolled tight so that it can be used as a temporary driving surface. Although you will not be able to drive on the area as it is being tilled, you will have access to your driveway by the end of each working day.



The tilling process will take about three days and will be followed by five days of cure time to allow the mix to cure and harden. You will have access to your driveways during

the cure time.

A six inch layer of limestone will be installed on the stabilized sub base. A four inch under drain will be buried behind the curb.

Typically **combination curb and gutter and drive aprons** are installed on one side of the street at a time.

You will receive a notice from the contractor advising you which side of the street will be replaced first. In



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 about three weeks. It usually works best to make arrangements with a neighbor to **park in a driveway across the street and reciprocate the favor** when the operation changes sides. Those who choose to park cars overnight in the street outside of the project limits must contact the Solon

Police Department at 440-248-1234 to obtain permission and register each vehicle with them.

When the curb and gutter has been installed on both sides of the street, the **asphalt base** will be installed. Unlike concrete, asphalt can be driven on the same day it is installed. The remaining drive aprons, sidewalks and curb ramps will follow as well as raising manholes, catch basins and valve box castings to grade.

Disturbed areas are **graded, topsoiled, 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.

The contractor will be replacing the original street trees with Skyline Honey Locust trees.

The asphalt surface course will be installed as near to the end of the project as practical.

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. Your road and driveway will be maintained using stone ramps. 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.**