

Project Summary
Combined Sewer Separation Improvements
Village of Woodville

The Village of Woodville will soon begin a new combined storm sewer improvement project. As you may know, the majority of the Village is served by a combined sewer system. This system collects both sanitary wastewater from homes and businesses, as well as rain and snow melt from storm events. The system then routes these flows to the Village wastewater plant for treatment. When wet weather flows are greater than the sewer system capacity, the excess flow is diverted into the Portage River without being treated. The purpose of this project is to separate the sanitary and stormwater systems, and to eliminate overflow events of untreated wastewater into the Portage River.

The Village wastewater plant, located northeast of the Village on County Road 117, operates under an Ohio Environmental Protection Agency (EPA) permit that authorizes discharge of treated wastewater to the Portage River. As part of the conditions of the permit, the Village must complete the separation project as outlined in their Combined Sewer System Long Term Control Plan. The Village has been working with Poggemeyer Design Group, an engineering, architectural and planning firm in Bowling Green, to design the sewer separation for construction.

The project will include the installation of more than 39,000 feet of sanitary sewer pipe and approximately 90 manholes allowing the existing combined sewers to be converted to storm sewers. Construction of new sewers will take place throughout most of the community with a few exceptions where sanitary sewers and storm sewers are already separated (Woodpoint Subdivision, Endeavors Landing Subdivision, Lavine St, Brookside Drive, etc.). Most new sanitary sewer installation will occur within the street pavement areas. Some work will also occur in existing rear yard easements along the westerly side of the Portage River although this should be isolated to existing manhole locations. The construction of the project is tentatively scheduled to begin sometime in January, 2010 pending plan approvals from the Ohio Environmental Protection Agency. Property owners within the project area will be further notified by the Village's sewer contractor of actual start dates and as construction progresses.

The anticipated \$5,400,000 cost of the project will be paid for with approximately \$750,000 in grant funding secured from the Ohio Public Works Commission and from current sanitary sewer rates/user fees and sewer improvement fees being paid by current customers.

Village property owners are encouraged to begin evaluating their existing sanitary sewer service and storm sewer service needs for their respective properties. For project funding purposes the sewer separation project has been organized in three phases as shown on the attached sketch.

Areas of the Village receiving sanitary sewers will include new sanitary service laterals installed for each property requiring sanitary service. Generally, in these areas the existing combined sewers will be converted to storm sewers and will remain available for storm service through existing service connections. In some areas new storm sewers will be installed with new storm service laterals placed to allow a connection for each property needing a storm service connection.

All property owners throughout the Village will be obligated to show that only wastewater (from floor drains, baths, showers, sinks, toilets, or washers) is, or will be, directed to new or existing sanitary sewers. Storm water from gutters/downspouts will need to discharge to the ground surface while storm/ground water from foundation/footer tile and sump pumps can be either discharged to the ground surface or is/will be connected to an existing, converted, or new storm sewer.

Property owners throughout the Village will be responsible for the installation of new watertight sanitary service laterals from their building(s) to the new sanitary lateral stub provided by the Village or to an already separated existing sanitary sewer. Alternatively if an existing sanitary service lateral is polyvinyl chloride (PVC) pipe, and if the property owner can demonstrate the pipe is watertight, the Village may allow existing service laterals to remain in use. This will be evaluated on a case by case basis.

In order to facilitate project planning and design, property owners are encouraged to contact a qualified plumbing and/or excavation contractor in the near future to investigate possible wastewater/clean water separation options for their building(s). The desired location and depth for potential new service laterals installed as part of the sewer separation project should be identified by the property owner in order to coordinate their installation with the Village's plans to the extent possible. Some limitations may exist for storm lateral depths that will require pumping of basement or foundation footer tile discharges. The property owner will have the option of pumping ground water from tile, to the ground surface or directly to a storm sewer.

Woodville Sewer Separation Project Fact Sheet

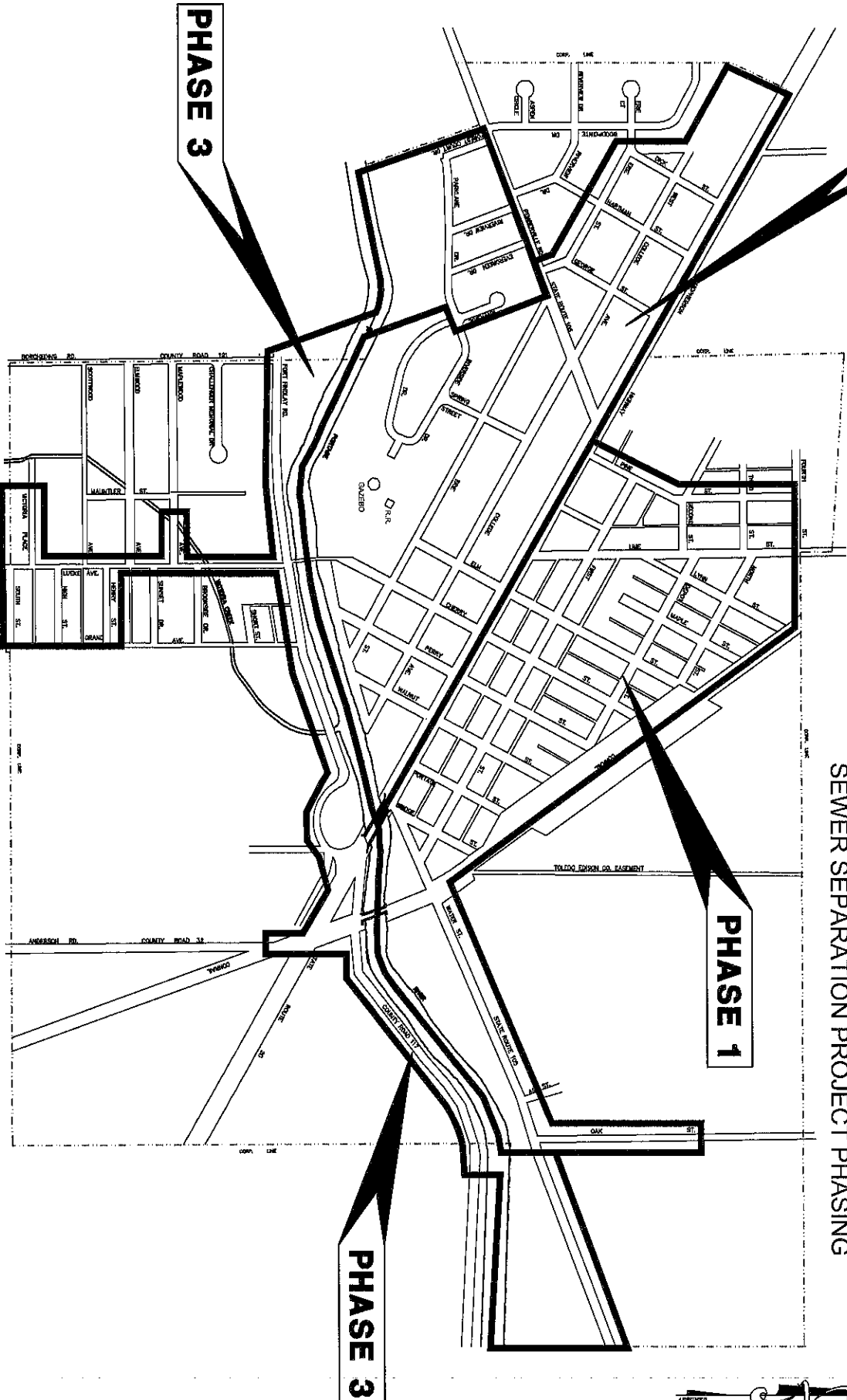
- Project is mandated by the Ohio Environmental Protection Agency
- Probable cost of the project is anticipated to be \$5,400,000
- The project is being funded by user rates, a sewer improvement fee and approximately \$750,000 in grants (Village Council is continuing to pursue additional grants for the project)
- Project will include a sanitary service lateral extension for each property in the project area. This lateral can be located as desired by owner of the property along the frontage of the sewer. Costs for this lateral extension are included in the project cost. Additional taps can be purchased by residents for future service connections. Property owner will be responsible for new service line installation from the building to the service lateral extension. Grants may be available for low income residents that qualify.
- All service lines (existing or new) will need to be watertight plastic PVC pipe
- Reuse of existing plastic PVC service lines will be at the discretion of the Village on a case by case basis.
- Floor drains, toilet drains, sink drains, shower/bath drains, and washer drains must be connected to an existing or new sanitary sewer.
- Downspouts must discharge onto the ground or private storm sewer.
- Foundation/footer drains and sump pump lines must connect to a storm sewer or discharge onto the ground.
- Tentative start of construction is January, 2010
- Construction will be completed in 3 phases although the contractor has the option of completing any or all phases concurrently.
- Construction of all main lines is anticipated to be completed by July, 2011
- Property owner service connections to new sewer main lines can typically begin within 2 years after the new main line installation is complete. The Village will issue a notice to property owners to commence connection.
- After notification to property owner to commence with the service connection, the connection must be completed within 1 year.

For further information contact the Village Administrator's Office, 419-849-3031

PHASE 2

PHASE 3

**VILLAGE OF WOODVILLE
SEWER SEPARATION PROJECT PHASING**



PHASE 1

PHASE 3