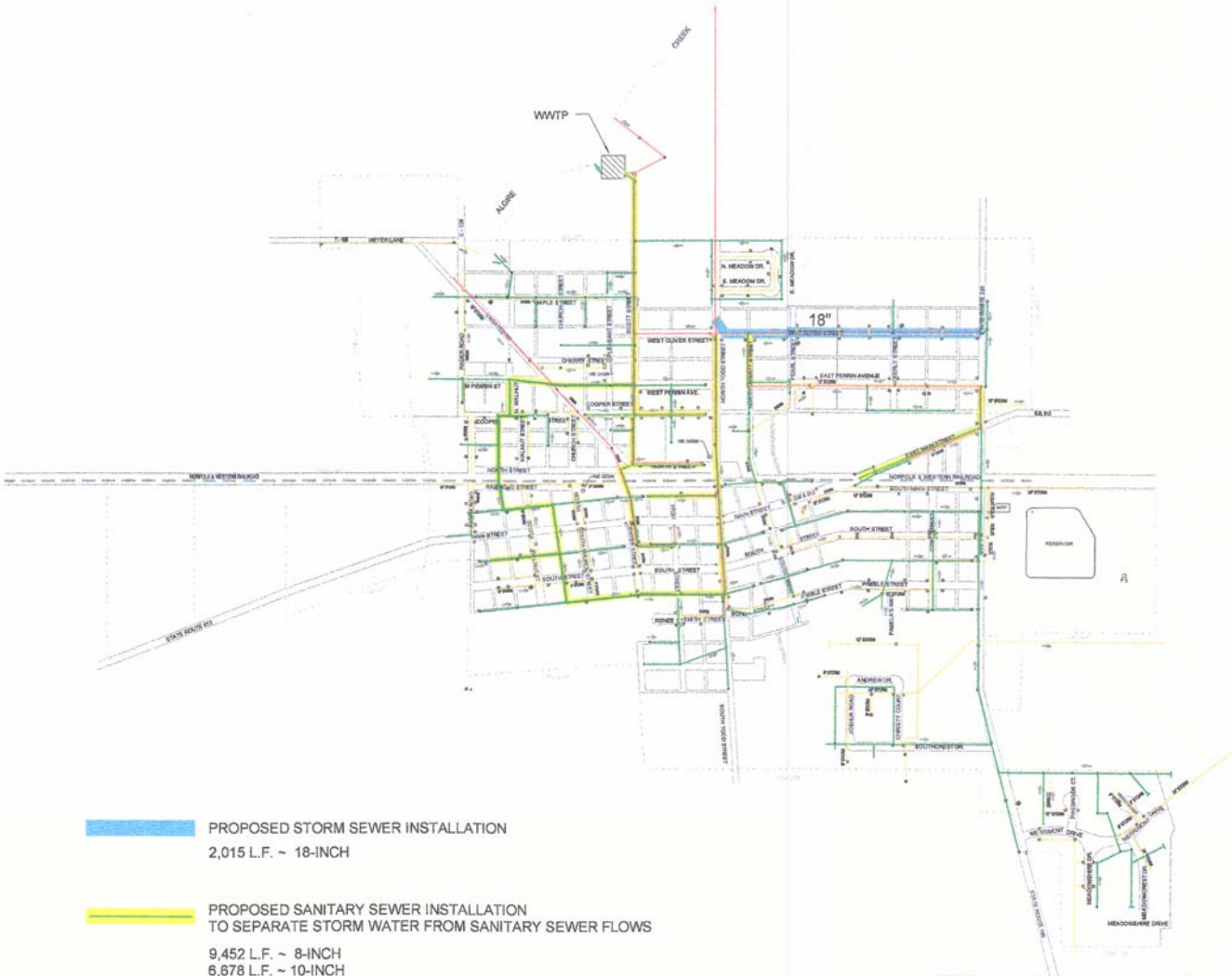
EXECUTIVE SUMMARY

PDG has prepared this Combined Sewer System Long-Term Control Plan on behalf of the Village of McComb. This Long-Term Control Plan submittal to the Ohio EPA does fulfill a requirement of the Village's NPDES permit along with state and federal regulations. PDG's objective was to evaluate and justify the most efficient and cost effective alternative for complying with Ohio's CSO Strategy.

McComb's wastewater treatment plant, built in 1970 and renovated in 1988, has been designed for an average daily flow of .388 mgd. A recent wet weather stress test indicates that the wastewater treatment sewer system and plant can handle over 1.0 mgd without concentration violations. It is in the best interest of the Village to maximize flows through the facility and in doing so, will decrease the number of CSO discharges. This is the present mode of operation – to fully utilize the capabilities of the existing system.

Taking all things into account including, but not limited to, the Village's philosophy, proposed land use projections, antidegradation issues, alternative costs, and timing of the alternative projects brought PDG to the conclusion that the best approach for McComb would be to eliminate all CSO structures and greatly reduce all storm waters from the sanitary by installing a combination of new sanitary sewers in some areas and new storm sewers in other locations. Its $2.2 million cost is comparable to other alternatives studied – with the separation of sewers having the benefit of treating **all** sanitary flows.

This sewer separation approach is estimated to take five (5) years once this LTCP has been approved. During the period of time, it is suggested that the Village consider additional sewer evaluation work and residential inspections in order to assure as much storm water will be removed from the "proposed" separate sanitary sewer system.



LEGEND

- SANITARY SEWER
- STORM SEWER
- COMBINED SEWER
- SANITARY MANHOLE
- CATCH BASIN

GRAPHIC SCALE

(IN FEET)
1 inch = 400 ft.

PROPOSED STORM SEWER INSTALLATION

2,015 L.F. ~ 18-INCH

PROPOSED SANITARY SEWER INSTALLATION
TO SEPARATE STORM WATER FROM SANITARY SEWER FLOWS

9,452 L.F. ~ 8-INCH
6,678 L.F. ~ 10-INCH
392 L.F. ~ 12-INCH
1,260 L.F. ~ 15-INCH

REFERENCE: ACAD DWG R. JACKSON 11/12/04	PROPOSED SANITARY SEWER & STORM SEWER WITH EXISTING SEWER SYSTEM	VILLAGE OF McCOMB LONG-TERM CONTROL PLAN
JOB #1770-046	OHIO	POGGEMEYER DESIGN GROUP, INC. ENGINEERS + ARCHITECTS + PLANNERS
FILE: PLATE5.DWG	PLATE FIVE	