



City of Noblesville Combined Sewer Overflow Long-Term Control Plan

Phase 1 Treatment Plant Upgrades

- Increased capacity at the headworks (screening, grit removal, pumping capacity) from 15 to 30 MGD
- Expanded control building
- Constructed new vactor truck receiving station
- Constructed additional 1 million gallons of wet-weather equalization storage
- \$9.3 million

Collection System Upgrades

- Increased flow capacity to the treatment plant by upsizing existing interceptors
- Replaced failed sanitary sewers in North Harbour to decrease the wet-weather flow to the lift stations and treatment plant
- \$2.2 million



PHASE 1 2006 - 2007

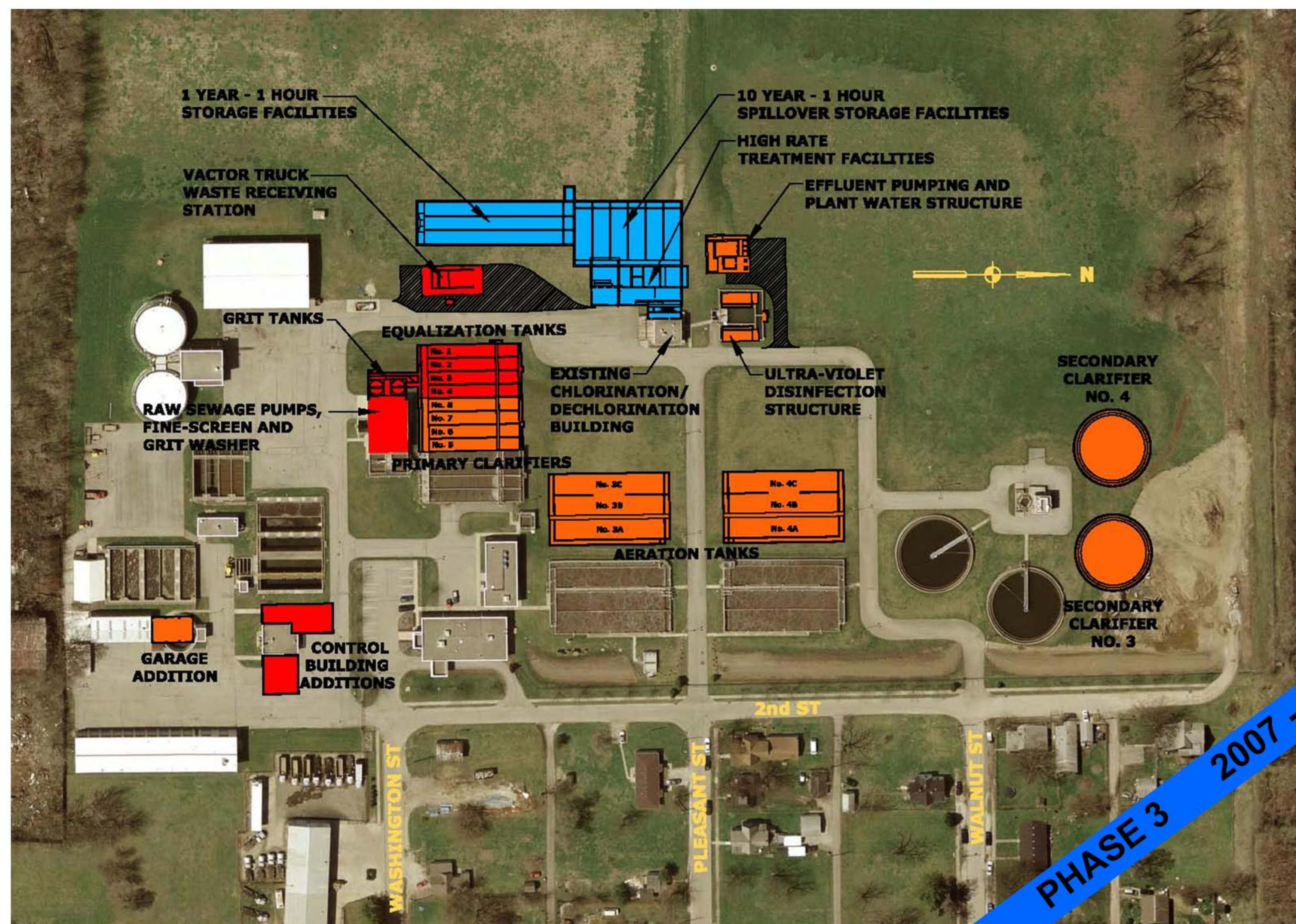
Upsized Existing Interceptor



Phase 1, 2 and 3 Treatment Plant Improvements

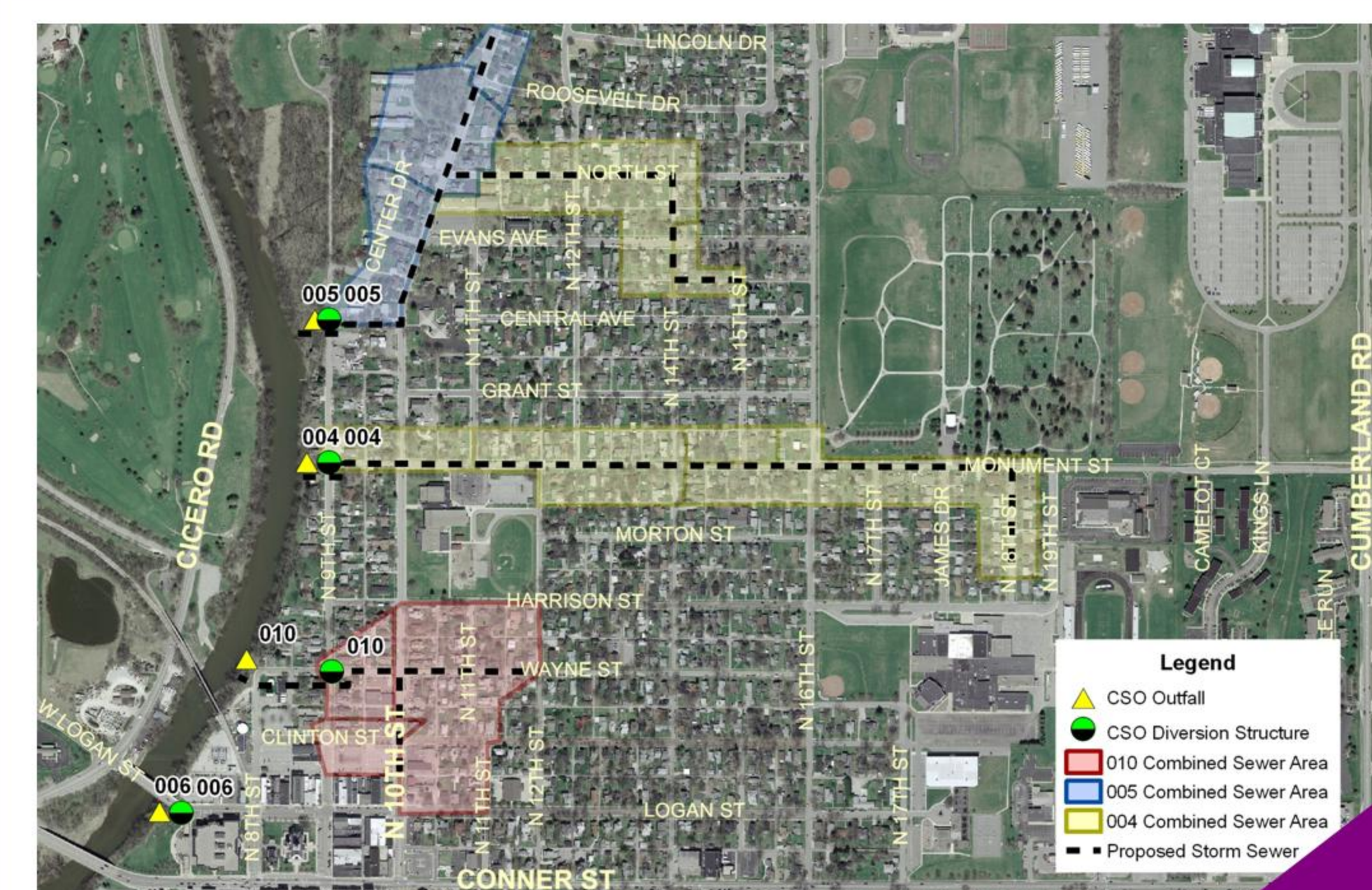
Phase 2 Treatment Plant Upgrades

- Increase average daily flow capacity of the treatment plant (primary secondary clarifiers, and aeration tanks) from 5 to 10 MGD
- Construct new UV disinfection facility to replace the existing chlorine disinfection facility
- \$18.2 million



Phase 4 Collection System Upgrades

- Decrease wet-weather flow to the treatment plant
- Construct storm sewers in combined areas in North Region
- \$7.3 million



North Region Combined Areas and Proposed Storm Sewer Routes

Phase 3 Treatment Plant Upgrades

- Construct additional wet-weather storage facilities
- Construct a high rate treatment facility
- \$10.6 million

Collection System Upgrades

- Install large diameter relief sewers to convey wet-weather flow to the treatment plant storage facility
- \$13.4 million



Central and East Region Relief Sewer and Riverwalk

Phase 5 Collection System Upgrades

- Increase flow capacity of combined sewage to treatment plant
- Install large diameter relief sewer to convey wet-weather flow to the treatment plant storage facility
- \$1.7 million



South Region Combined Areas and Proposed Relief Sewer Route