

Elmwood EL3B Storm Relief Sewer Project

City of Edmonton

Project Context

In July 2004, severe rainfall events caused flooding on streets, roadways and in more than 4,000 homes in the City of Edmonton. As a result, flood prevention became a top priority for the Drainage Services Branch.

The Elmwood neighbourhood was one of the areas identified as having flooding problems. In response, the City of Edmonton commissioned the construction of a storm relief sewer.

Project Overview

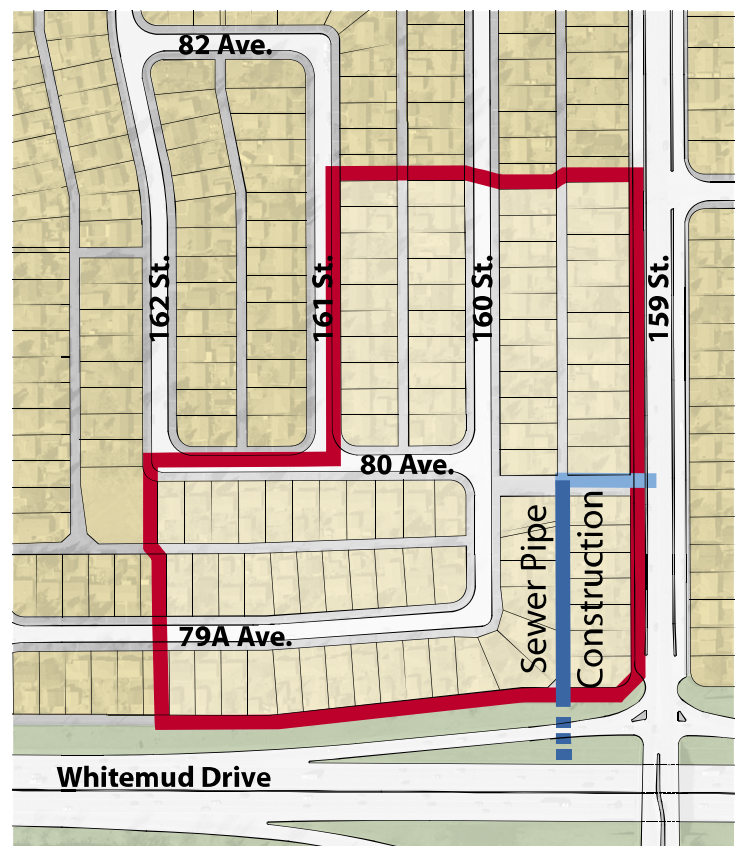
The project consists of the design and construction of a large diameter storm sewer pipe to relieve demand on existing infrastructure during rainfall events. Additionally, the large diameter pipe will help decrease the amount of storm water entering the sanitary sewer system by minimizing sewer surcharge in southeast Elmwood.

Project construction will be localized to the southeast quadrant of the Elmwood neighbourhood, at the intersection of 80 Avenue and the rear lane lying east of 160 Street, as shown on the map. During construction, there will be no vehicular access to the rear lane.

Construction will consist of open excavation and tunneling. There will be open excavation at the north and south ends of the rear lane to connect the new pipe to existing infrastructure. The pipe will be installed by micro-tunnelling or straight-cut trenching methods. Construction is tentatively scheduled to begin next year (2007).

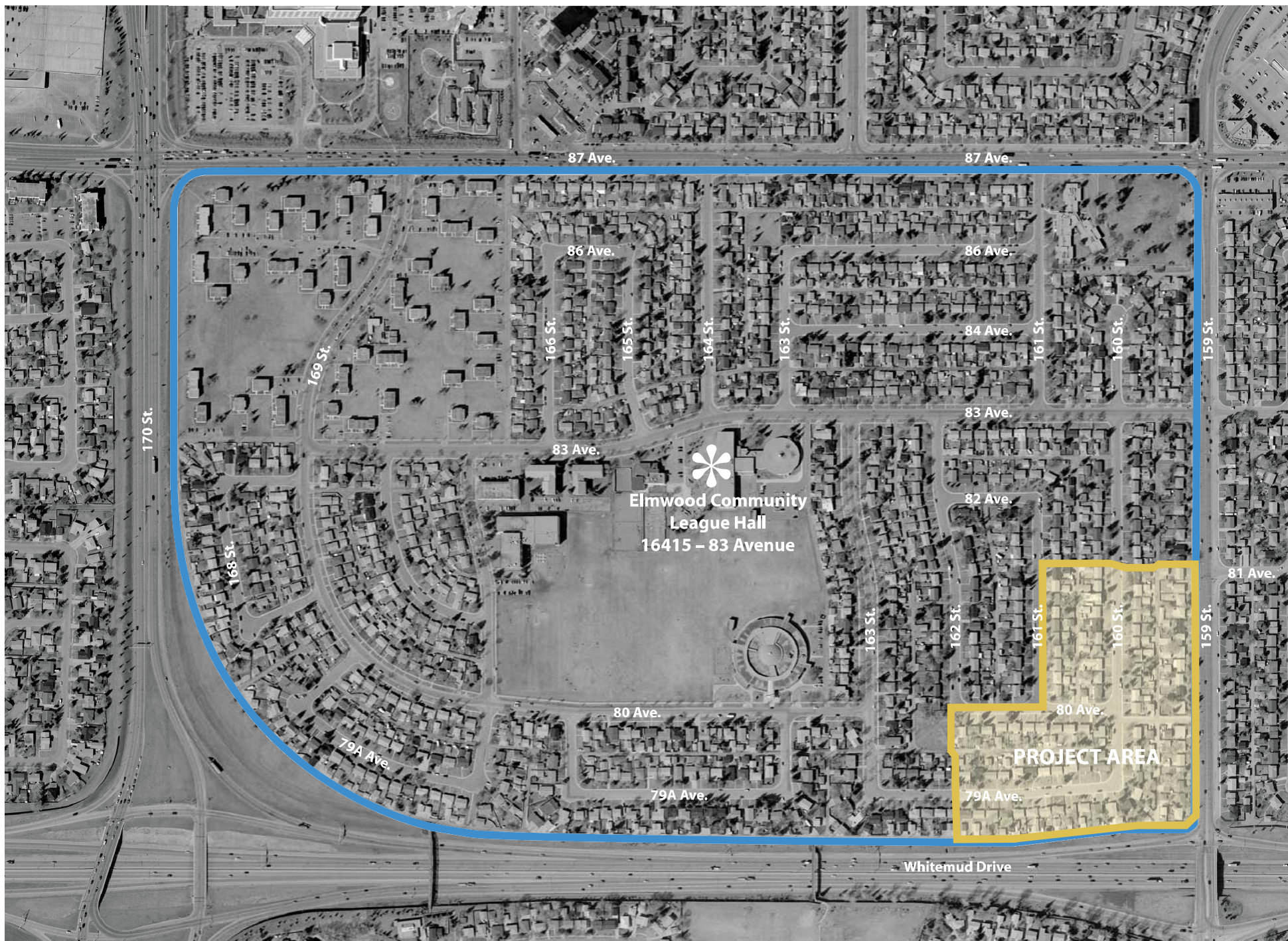
Please contact Leonora Lumabi at the City of Edmonton Drainage Services at 780.496.6853 or Garry Maxwell at UMA Engineering Ltd. at 780.486.7012 if you need more information.

Context map on reverse.



LEGEND

- OPEN EXCAVATION
- UNDER REVIEW
- HAND TUNNELLING




Elmwood Community
League Hall
16415 – 83 Avenue

PROJECT AREA

ELMWOOD NEIGHBOURHOOD