

Greenfield Channel and Water Quality Forebay

This project is located within the Greenfield subdivision, northwest of Arapahoe Road and Liverpool Street. Currently the storm runoff is discharged from multiple sources onto a greenbelt. The greenbelt area does not have a drainage system to convey the runoff, resulting in stagnant water and a swampy condition.

This project would design a 600 foot long channel to convey the runoff to an existing stormwater pond, collecting additional inflows from storm sewers discharging into the greenbelt. Immediately upstream of the existing pond a water quality forebay will be designed to collect sediment, providing water quality enhancement to the existing pond.

The construction of this project is planned to be done by SEMSWA maintenance personnel. The construction is scheduled for this summer, dependent on the 404 Permit requirements.