

Facilities Proposal: Stormwater Management

As a part of the New Trier High School project under consideration for the Winnetka Campus, the sitework component would include stormwater management improvements to areas of the campus where work will be completed. These areas include the west side building addition, parking, roadway, and sidewalks. Currently, the Winnetka Campus does not have any stormwater detention infrastructure, meaning that all rain events drain directly to the adjacent roadways and storm sewers. To mitigate this issue, the site improvements will adhere to the Metropolitan Water Reclamation District Watershed Management Ordinance, which requires stormwater detention and water quality best management practices for the improved areas.

New Trier plans to install underground detention vaults that will capture 100-year storm events and restrict the release of the water to the adjacent roadways and storm sewer infrastructure, thus slowing the water down and not impacting the current capacity in the Village sewers. An additional measure to reduce runoff from the site includes a large infiltration trench below the underground detention vault allowing water to seep back into the ground in addition to the controlled release to the storm sewers. These improvements would provide a positive benefit to the surrounding neighbors and to the Village.