

# FRANZ BAKERY STORMWATER MITIGATION PROJECT

## Client:

United States Bakery/Franz Family Bakeries

## Location:

City of Billings, Montana

## SERVICES PROVIDED

- Planimetric Design Survey
- Hydrologic Modeling
- Hydraulic Modeling
- Stormwater Treatment Design
- Construction Plan Set Preparation
- Bidding Assistance

## Markets:

- Industrial & Commercial
- Infrastructure

## THE PROJECT

WWC Engineering (WWC) was contracted by United States Bakery/Franz Family of Bakeries (the Bakery) to assist in developing a stormwater mitigation plan to address flooding issues that were being experienced at the Bakery property in Billings, Montana. The Bakery wished to tie their stormwater management system into the City of Billings storm drain collector piping that was recently installed adjacent to their property. WWC guided the Bakery through the City of Billings stormwater requirements for allowance to tie into the City storm drain.



*United States Bakery/Franz Family Bakeries, Billings,*

## HIGHLIGHTS

- Performed detailed planimetric design survey to determine stormwater basins, existing infrastructure, and topography
- Analyzed existing system to determine which portions, if any, could be salvaged and used in conjunction with the proposed stormwater management system
- Incorporated design features to provide stormwater treatment prior to discharge into the boulder infiltration pit and storm drain service
- Designed an easily integrable stormwater mitigation system meeting the Bakery's needs in addition to the City of Billings' requirements