FLOOD MITIGATION AND BANK STABILIZATION MEASURES
FACILITY OVERVIEW

• UTILITY BACKGROUND
  • AVERAGE FLOW: 4 MGD
  • 50-60% FLOW IS INDUSTRIAL
  • POPULATION SERVED: 23,352

• CONCERNED WITH FLOODING
  • PREVIOUS PERIODS OF OVERFLOW/BYPASS
  • INFILTRATION & INFLOW

• 2010 FLOOD IMPACTS
  • FACILITY LOCATED ON THE RIVER AND EXPERIENCED 6.17 INCHES OF RAIN IN FOUR DAYS. 8.56 INCHES FELL IN THE SAME TIME PERIOD UPSTREAM.
  • PLANT TAKEN OFF-LINE; SIPHON ON INTERCEPTORS ACROSS RIVER KNOCKED OFF-LINE FOR OVER ONE MONTH
  • STRUCTURE RELOCATED AWAY FROM THE RIVER
FLOOD MITIGATION MEASURES

• CONSTRUCTION OF APPROXIMATELY 1,715 FEET OF FLOOD BARRIER
• 995 FEET OF FLOODWALL AND 720 FEET OF LEVEE ALONG THE WEST SIDE OF THE WRF.
• THE CONSTRUCTION OF AN EASTERN FLOODWALL TIEBACK AND ROAD CLOSURE SYSTEM.
• THE CONSTRUCTION OF 1,900 FEET OF STREAMBANK STABILIZATION ALONG THE EAST BANK OF THE STRAIGHT RIVER.
• MAKE IMPROVEMENTS (ELEVATING TO ALLOW ACCESS UNDER FLOODING CONDITIONS) TO A KEY SANITARY SEWER STRUCTURE THAT COLLECTS WASTEWATER FROM THE NORTHERN AND INDUSTRIAL PARK SERVICE AREAS OF THE COMMUNITY.
PROJECT FUNDING

- PRELIMINARY COST ESTIMATE OF $3.8M
- PROPOSED FUNDING SPLIT OF 50/50 STATE & LOCAL
- AN APPLICATION WAS SUBMITTED TO THE MN DNR FLOOD DAMAGE REDUCTION PROGRAM
- A CAPITAL BONDING PROJECT APPLICATION WAS SUBMITTED TO THE MN MMB OFFICE
QUESTIONS?

TRAVIS BLOCK, PUBLIC WORKS DIRECTOR

CITY OF FARIBAULT, MINNESOTA

TBLOCK@CI.FARIBAULT.MN.US

507.333.0365