



# FLOOD MITIGATION PROJECT WATER RECLAMATION FACILITY

Resolution 2021-030 Order Improvements,  
Approve Plans and Specifications and  
Establish Bid Date

# FLOOD MITIGATION PROJECT

## SCOPE OF IMPROVEMENTS



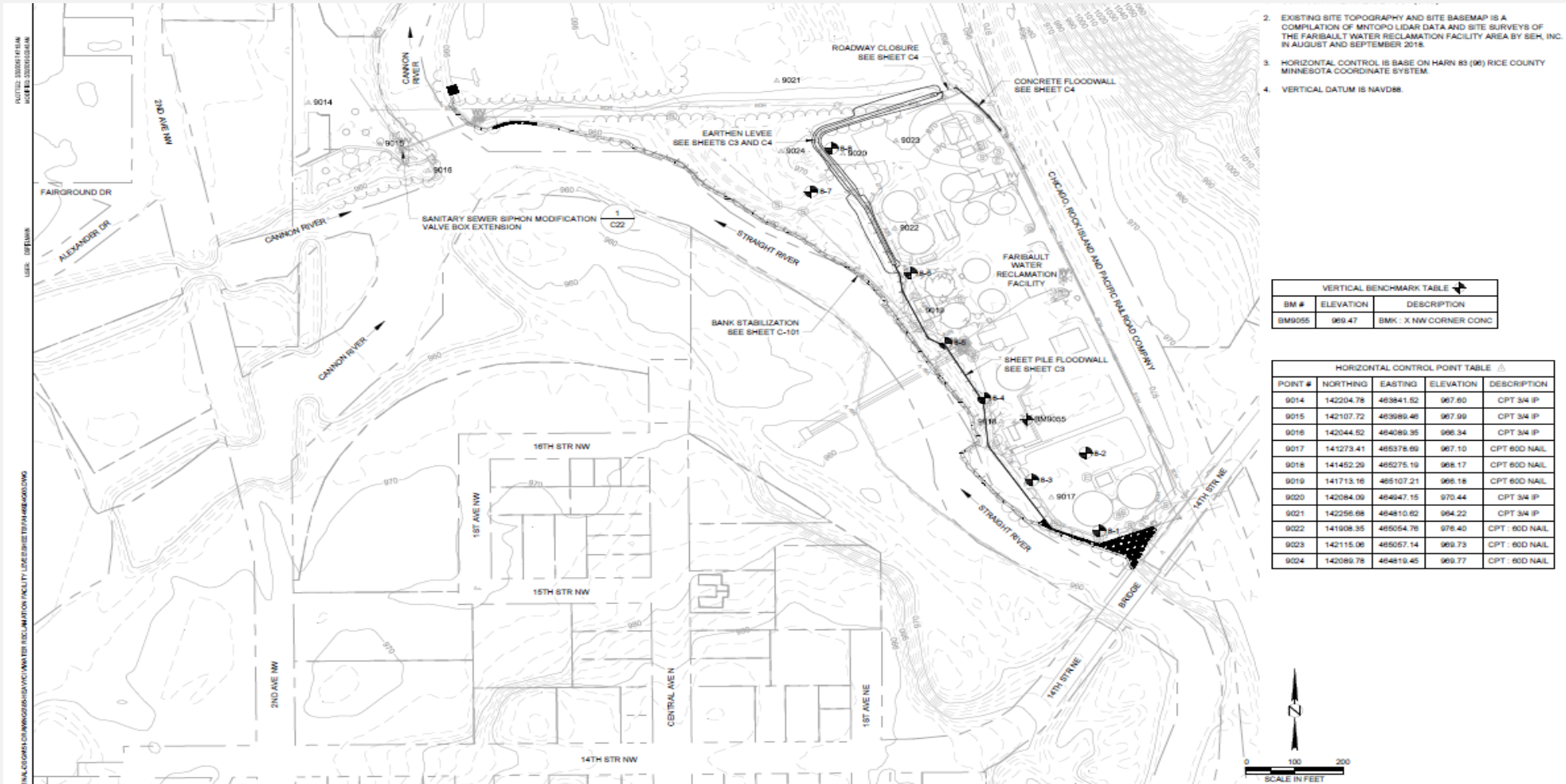
# FLOOD MITIGATION PROJECT

## SCOPE OF IMPROVEMENTS

- Construction of the Following:
  - Approximately 1,715 feet of flood barrier including 995 feet of floodwall and 720 feet of levee along the west side of the WRF
  - Eastern floodwall tieback and road closure system
  - Approximately 1,900 feet of streambank stabilization along the east bank of the Straight River
  - 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

# FLOOD MITIGATION PROJECT

## SCOPE OF IMPROVEMENTS



2. EXISTING SITE TOPOGRAPHY AND SITE BASEMAP IS A COMPILED OF MNTOPOLIDAR DATA AND SITE SURVEYS OF THE FARIBAULT WATER RECLAMATION FACILITY AREA BY SEH, INC. IN AUGUST AND SEPTEMBER 2018.
3. HORIZONTAL CONTROL IS BASE ON HARN 83 (96) RICE COUNTY MINNESOTA COORDINATE SYSTEM.
4. VERTICAL DATUM IS NAVD88.

VERTICAL BENCHMARK TABLE

BM #	ELEVATION	DESCRIPTION
BM9055	969.47	BMK: X NW CORNER CONC

HORIZONTAL CONTROL POINT TABLE

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
9014	142204.78	463841.52	967.80	CPT 3/4 IP
9015	142107.72	463989.46	967.99	CPT 3/4 IP
9016	142044.62	464089.35	966.34	CPT 3/4 IP
9017	141273.41	465378.89	967.10	CPT 600 NAIL
9018	141452.29	465275.19	968.17	CPT 600 NAIL
9019	141713.16	465107.21	968.18	CPT 600 NAIL
9020	142084.09	464947.15	970.44	CPT 3/4 IP
9021	142256.88	464810.62	964.22	CPT 3/4 IP
9022	141908.35	465054.76	976.40	CPT: 600 NAIL
9023	142115.06	465057.14	969.73	CPT: 600 NAIL
9024	142089.78	464819.45	969.77	CPT: 600 NAIL

DATE	DESCRIPTION	BY	CHKD
05/15/20	REV	SEH	
05/15/20	REV	SEH	

PROJECT NO.	148924
DATE	05/15/20
SCALE	AS SHOWN

PLANS PREPARED BY:

3506 VANDER CENTER DRIVE  
ST. PAUL, MINNESOTA 55110  
PHONE: 1.800.335.2355  
www.sehinc.com

PLANS PREPARED FOR:

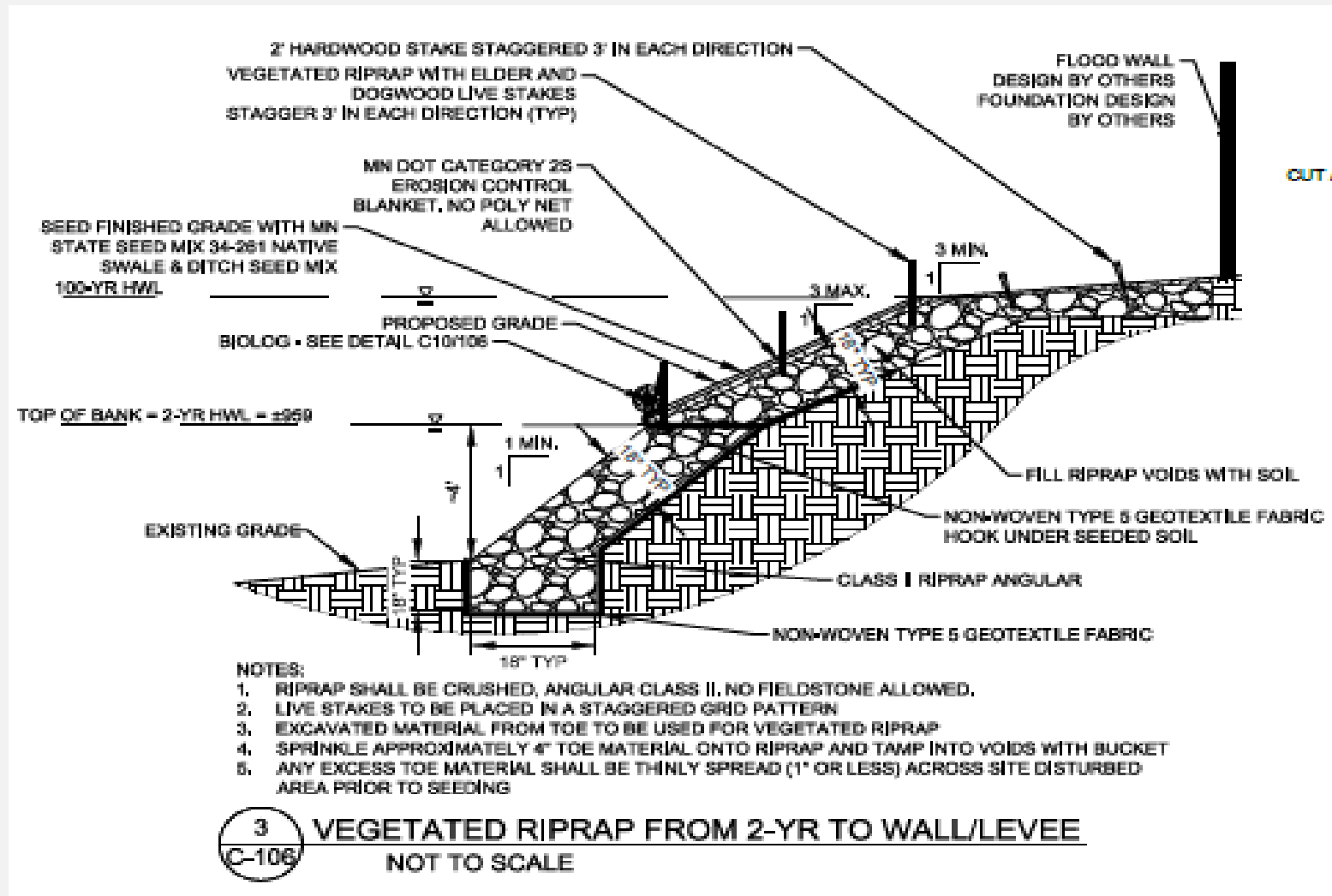
PROJECT CONTRACT NO.	FARIBAULT
PROJECT NO.	FARIT 148924
REVISION	FA148924-003

FARIBAULT WATER RECLAMATION FACILITY  
FLOOD MITIGATION AND BANK STABILIZATION PROJECT  
FARIBAULT, MINNESOTA

**SITE PLAN AND EXISTING CONDITIONS**

# FLOOD MITIGATION PROJECT

## SCOPE OF IMPROVEMENTS



# FLOOD MITIGATION PROJECT

## PROJECT COST AND FUNDING

Total Project Cost \$3,860,000\*

\*Includes Contingency & Construction Administration

### Funding Sources:

DNR Flood Damage Reduction Grant \$1,930,000 50%

Sanitary Sewer Funds (602) \$1,930,000 50%

# FLOOD MITIGATION PROJECT

## PROJECT SCHEDULE

- Approve Plans & Specifications, Set Bid Date **February 9, 2021**
- Bid Opening Date **March 16, 2021**
- Accept Grant & Award Contract **March 23, 2021**
- Begin Construction **April/May 2021**
- Substantial Completion **October 2021**

# **FLOOD MITIGATION PROJECT**

## **RECOMMENDATION**

- **Approve Resolution 2021-030**