Bassett Creek Tunnel System
Phase 1 Deep Tunnel: I-94/2nd Street Tunnel
Constructed by MnDOT - 1979

- 4,673 ft. long - Bassett
- 8,900 ft. total - MnDOT
- 60-100 ft. below ground
- flared end outlet str.
- 12’ diameter section
- 15.5’ high x 10’ wide cathedral arch
Phase 2 Deep Tunnel: 3rd Avenue Tunnel
Constructed by USACE - 1990

- 1,456 ft. long
- 60-80 feet below ground
- 15’ high x 10’ wide cathedral arch
- 30’ drop structure
Tuesday inspection access - 2nd street tunnel
Tuesday inspection access – 2\textsuperscript{nd} street tunnel
Wednesday inspection access – 3rd ave. tunnel
Wednesday inspection access - video
2\textsuperscript{nd} street tunnel
2nd st./3rd Ave./I-94 tunnel “Y” junction
defects – cracks/fractures
defects - infiltration

- infiltration stain
- infiltration dripper
- infiltration weeper
- infiltration runner
defects – infiltration gusher
defects - deposits
Mississippi River middle pool
October 2020
Bassett Creek FCP: Deep Tunnel Inspection

Prepared for Bassett Creek Watershed Management Commission