



City of Ann Arbor  
Water Treatment Services Unit

Bird Hills Nature Area

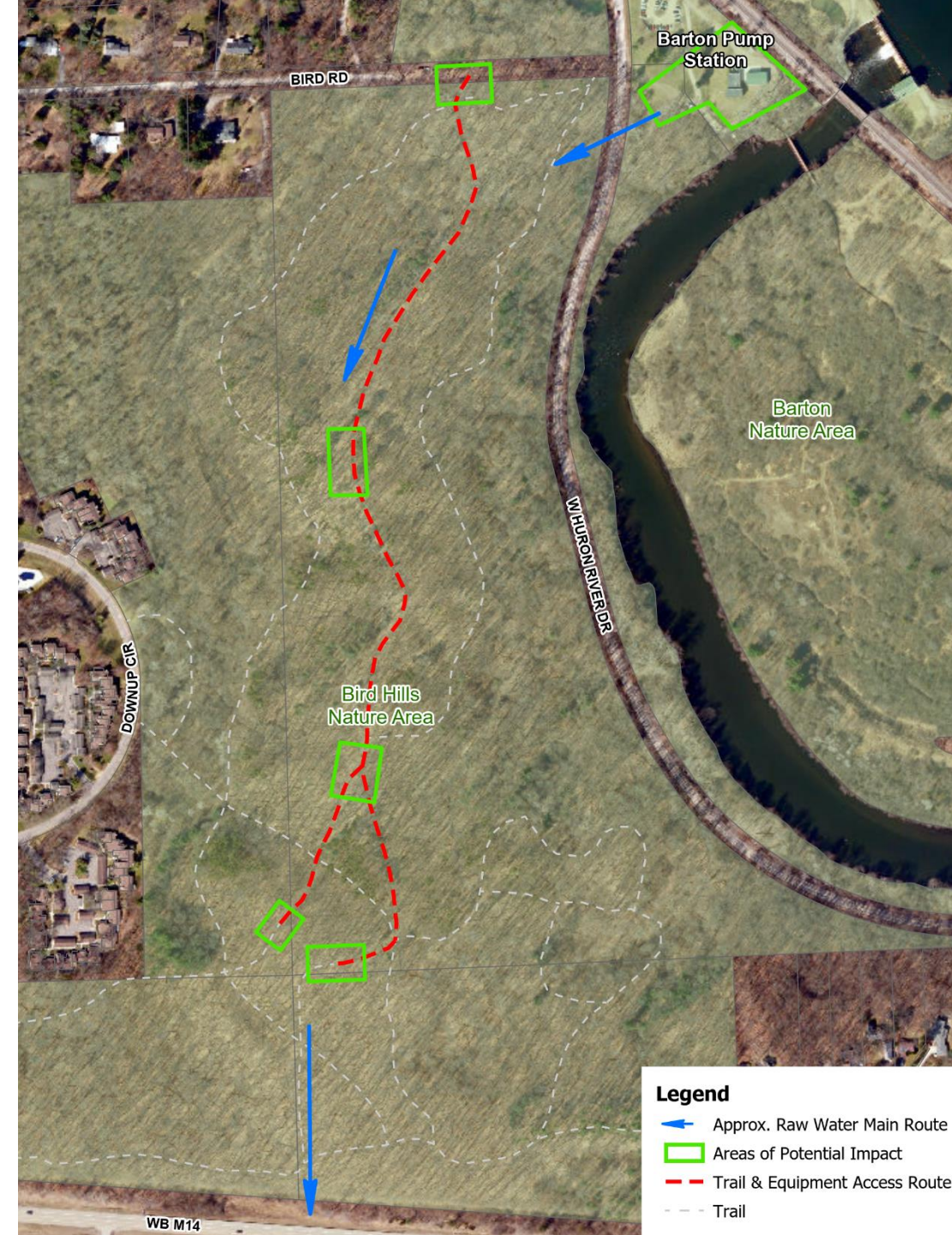
Raw Water Main  
Projects





# Raw Water Transmission Mains

- Two raw water transmission mains:
  - 42" PCCP main constructed in 1965
  - 24" CI main installed in 1949
- Critical infrastructure supplies 85% of the City's drinking water
- Upcoming Projects
  - Pipeline Inspections – October 2021
  - Air Relief Valve Installations – Mid/Late 2022





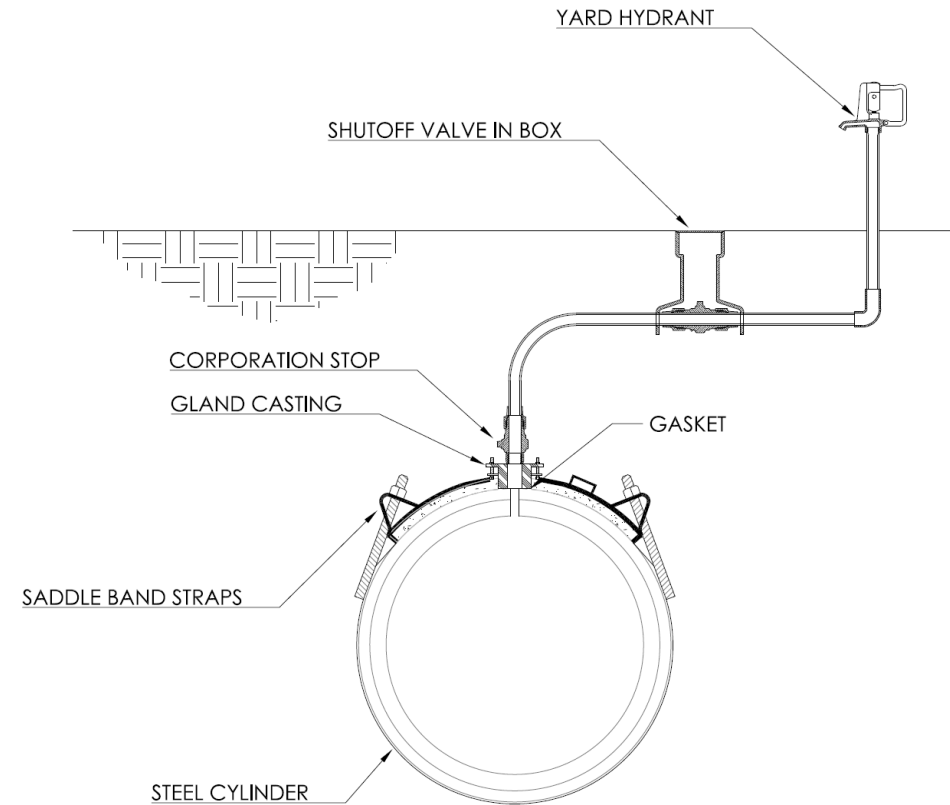
# Pipeline Inspections

- Internal Inspection
- Hand Excavations in Bird Hills to attach equipment on the water mains
- Soil borings with ATV mounted equipment
- Work will determine pipeline condition and risk of future failure
- May result in additional future work



# Air Relief Valve Installation

- Preliminary Design Stage
- Construction – Mid/Late 2022
- Six new air relief points along the two transmission mains
- Must access the area with larger excavating equipment
- Flexibility in final locations





# Nature Area Impacts

- Survey work including tree tags and flagging of sensitive areas
- Minor tree removal along access trails and within work areas
- Potential modifications to Bird Road entrance
- Short term trail closures

