



2025 SAME OMAHA POST **INDUSTRY DAY** AND GOLF OUTING

Indian Health Service

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District Engineer

Division of Sanitation Facilities Construction

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Indian Health Service

Established: 1955 as part of the Public Health Service

Mission: To raise the physical, mental, social, and spiritual health of American Indians and Alaska Natives to the highest level.

Who We Serve: The IHS provides a comprehensive health service delivery system for approximately 2.5 million American Indians and Alaska Natives who belong to 574 federally recognized Tribes in 12 Areas across U.S.

Services: Clinical, Purchased/Referred Care, Preventive Health, Urban Health, Public Health, Environmental Health & Engineering



IHS - Sanitation Facilities Construction

- Enactment of PL 86-121 in 1959 authorized the creation of SFC
- Great Plains Area Office
Aberdeen, SD
- Provide water, wastewater, and solid waste engineering service to 17 Tribes across North Dakota, South Dakota, Iowa, and Nebraska
- \$313M unfunded need
- \$423M funded projects
 - Sioux City District: \$129M over 84 projects



Delivery of Sanitation Facility Projects

- Pre-Funding Award ————— \$313M
 - Consult with Indian Tribes
 - Develop project
 - Tier 3 - Preliminarily Assessed
 - Tier 2 - Engineering Assessed
 - Tier 1 - Ready to Fund
 - Award based on project's score and FY funding appropriation
 - Post-Funding Award ————— \$423M
 - Project Documents
 - Construction Documents
 - Procurement
 - Construction
 - Closeout
- \$212M

What we do

- Field Reconnaissance and Preliminary Planning
- Water/Sewer System Modeling (WaterCAD/Bentley)
- Flow Studies
- Project Engineering Reports
- Professional Surveying
- Drafting (AutoCAD/CIVIL 3D)
- Geotechnical Investigations
- Water Testing
- Design Reports
- Construction Plan Sets and Specifications
- Contract/construction Mgmt

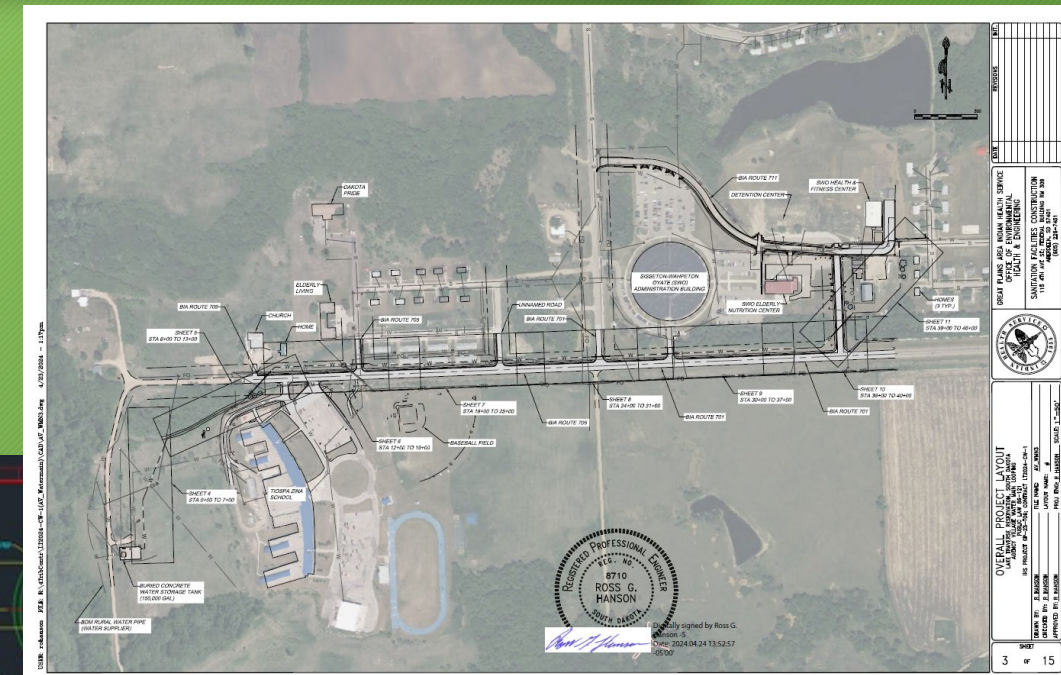
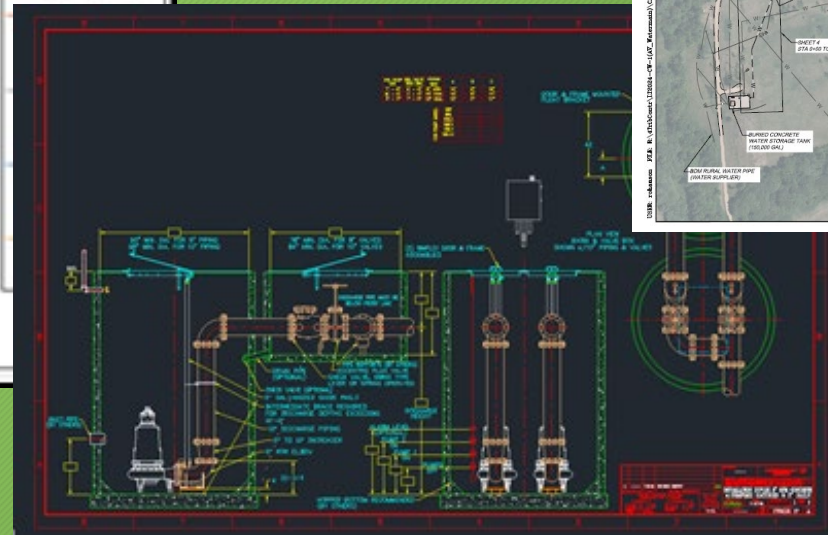
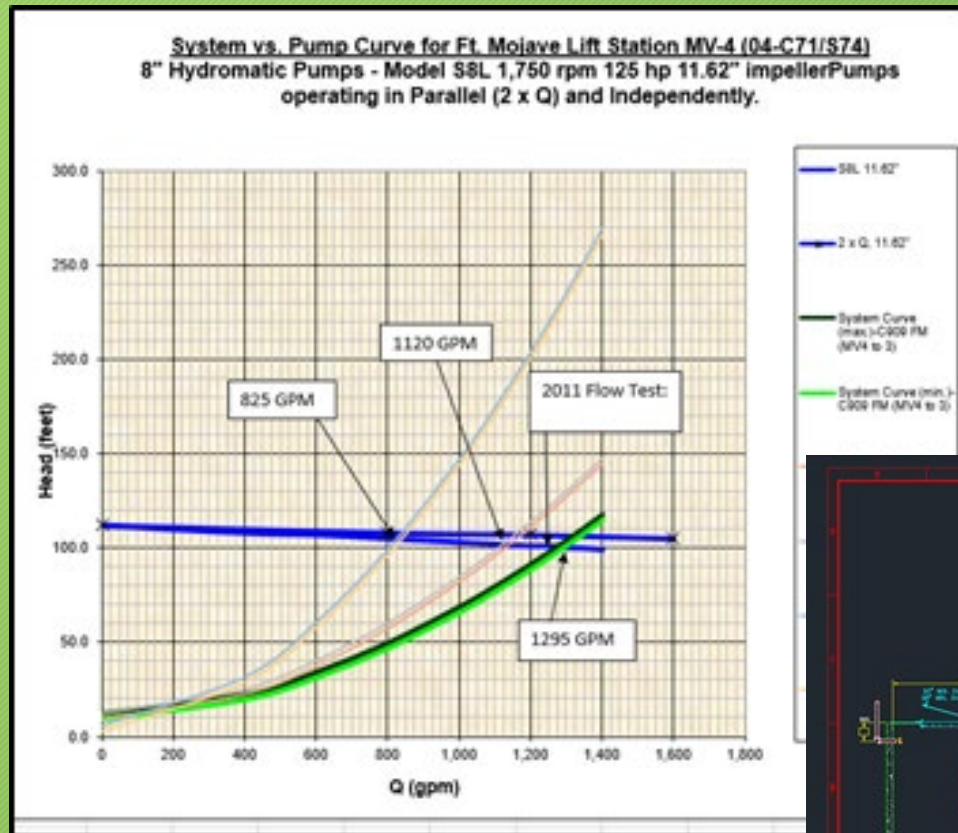
- Project Closeout/Final Report
- Transfer Facilities
- Training



What we do - buy equipment, recruit and develop



What we do - the geeky stuff



What we do - building lasting relationships



What we do - build



What we do - build



What we do - build



Water Distribution & Sewer Collection



Career Opportunities within SFC (we are hiring!)

- Full-Time Positions
 - Engineers
 - Surveyors
 - Engineering Technicians
 - Construction Control Inspectors
 - GIS Technicians
- Engineering Internships
 - USPHS COSTEP Program
 - ORISE Program
- Civil Servant Internship Positions

<https://www.ihs.gov/dsfc/recruitment/>



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Office of Environmental Health & Engineering

Great Plains Area Indian Health Service

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Pilamayaye!

Bio

Tristan Woster, P.E.

- District Engineer, Sioux City District Office, 2023 - Present
- Senior Environmental Engineering Consultant, Sioux City District Office, 2015 - 2023
- Sr. Field Engineer, Sioux City District Office, 2009 - 2015
- Staff Engineer III, Tucson, Arizona, 2007-2009
- Field Engineer, Pine Ridge, SD, 2005-2007
- QA/QC Manager, Lake Mead, NV, 2004-2005
- BSCE, South Dakota Mines, 2004
- MSCEM, South Dakota Mines, 2023
- Cornell University Engineering Leadership Certificate, 2021
- NASSCO Certified: 1) Manhole Rehabilitation 2) CIPP