



FGS-Surveyors

Equipment/Software (March 2023)

Computers

- 2 Dell PowerVault DP500 Server
- 1 Dell PowerEdge R610 Server
- 7 Dell various desktop PC's
- 2 Dell 6000 Series Precision Mobile Laptop
- 7 Dell 7000 Series Precision Mobile Laptop
- 2 Alienware 17 R3 Precision Mobile Laptop

Large Format Plotter/Scanner

- 2 KIP 880

Copiers, Fax Machines & Scanners

- 2 Sharpe

Software

- 2 Windows 2016 Professional Server
- 25 Microsoft Office 365
- 25 Adobe Pro Creative Cloud
- 2 Adobe PhotoShop Creative Cloud
- 1 SurvaLync 101.1126
- 6 AutoDesk AutoCAD Civil 3D (Latest Version)
- 2 Bentley Open Roads
- 2 Bentley MicroStation
- 3 Hypack/Hysweep (latest version)
- 1 Chesapeake Sonar-Wiz (Side Scan Processing)
- 1 ArcGIS 10
- 2 Trimble Business Center
- 4 Tripod Data Systems Survey Link 7.3.0
- 2 Tripod Data Systems Foresight DXM

Robotic Total Stations and Lasers

- 1 Trimble SX10 High Precision Robotic
- 1 Trimble S8 High Precision Robotic
- 2 Trimble S6 Robotic
- 2 Trimble S5 Robotic
- 1 Trimble VX Robotic
- 1 Trimble 5600 Robotic
- 1 Laser Tech Impulse 200 LR Laser w/1-4x Hakko Scope, MapStar Compass Module and GPS Antenna Mount
- 1 Riegl FG21-LR LaserTape Laser

Conventional Total Stations

- 3 Topcon CT-3000 Series Reflectorless
- 2 Nikon DTM352 Reflectorless

Digital Levels

- 1 Topcon DL-101 w/2 Topcon Invar Rods
- 1 Trimble DiNi03 w/2 Zeiss Invar Rods

Automatic Levels

- 2 Topcon AT-F6
- 2 Topcon AT-G6
- 1 Lietz B2A

Global Positioning Systems (GPS)

- 1 Trimble Alloy GNSS Dual Frequency Base
- 2 Trimble R12 GNSS Dual Frequency
- 2 Trimble R10, Model 2 GNSS Dual Frequency
- 4 Trimble R10, Model 1v2 GNSS Dual Frequency
- 6 Trimble R10, Model 1 GNSS Dual Frequency
- 7 Trimble R7 GNSS Dual Frequency
- 1 Trimble DSM232 Dual Frequency
- 2 Intuicom RTK Bridge
- 8 ADL/TDL 35-Watt RTK Radio
- 8 SECO Fixed Height Tripod (1.5, 1.8 or 2.0)
- 6 Protective, Hard Shell GPS Tripod Cases
- 12 SECO Range Pole w/Bipod (2.0m)
- 4 Pacific Crest Radio Antenna Extension Tripod
- 4 Lock Boxes

Data Collectors

- 7 Trimble TSC7 w/Radio & Trimble Access
- 4 Trimble TSC3 w/Radio & Trimble Access
- 1 Trimble TSCE w/Radio & Surveyor Controller





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Vehicles (equipped w/GPS Tracking)

- 1 2021 GMC C3500 Crew Cab 4WD (Diesel)
- 1 2020 GMC C1500 Crew Cab 4WD (Diesel)
- 4 2020 Chevy C2500HD Crew Cab 4WD
- 1 2019 Chevy C2500HD Crew Cab 4WD (Diesel)
- 1 2018 Chevy C2500HD Crew Cab 4WD
- 1 2016 GMC C1500 Crew Cab 4WD

All-Terrain Vehicles

- 1 2019 Polaris Ranger 500
- 2 2019 Polaris Ranger 570
- 1 2016 Polaris Ranger 570

Amphibious Vehicles & Boats

- 1 25' GMN Aluminum Hull w/Cabin, Twin 150hp Suzuki's, 2 3500-watt Generac Generators, A/C
- 1 25' Parker Fiberglass Hull w/Cabin, Twin 150hp Yamaha's, 2 3500-watt Generac Generators, A/C, RayMarine C80 display w/ radar and GPS
- 1 14' Monark Aluminum Hull w/25hp Yamaha
- 1 12' MonArk Aluminum Hull w/10hp Mercury
- 1 Z-Boat Multibeam Remote Boat (Leased)

Hydrographic Equipment

- 1 Edgetech 6205 MultiBeam/Side Scan Sonar
- 1 Teledyne-Odom MB2 Multibeam w/SurfMaster
- 1 Tritech Starfish Side Scan Sonar
- 2 SBG Ekinox – D (Heading, Position, Heave, Pitch, Roll)
- 1 SBG Ekinox – A (Pitch, Roll)
- 1 Trimble SPS461 GPS w/heading
- 1 Trimble MPS865 RTK GPS w/heading
- 2 Teledyne Odom Digibar Pro
- 1 TSS DMS3-05
- 1 Seatex MRU-H HPR Compensator
- 1 Starlink Nav Beacon
- 1 Odom Echotrac MkIII Echo Sounder
- 1 Odom Echotrac MkII Echo Sounder
- 1 Hydro I Range Azimuth System
- 2 In-SituTroll Model SP4000 (Electronic Pressure & Temperature Sensor)



Scanning Equipment

- 1 Trimble SX10
- 1 Velodyne 16 (Puck) Scanner
- 1 Leica P40 Scanner (leased)
- 1 Faro Focus 3D (leased)



Miscellaneous Surveying Equipment

- Ground Penetrating Radar Model ER500A
- 18 Tripod (Various Makes and Models)
- 12 Tri-Brach (Various Makes and Models)
- 6 Triple Prism (Various Makes and Models)
- 6 Single Prism (Various Makes and Models)
- 4 12' Prism Poles (Various Makes and Models)
- 8 25' Mound City Fiberglass Level Rod
- 7 Schonstedt Magnetic Locater (Various Models)

Drones

- DJI Phantom 4 Pro
- MicroDrone MD4-1000 w/UHD LiDAR Sensor

Field Communication

- 1 Iridium 9505 Satellite Phone
- 10 Kenwood Two-Way Radios

Airport/FAA Radios

- 1 ICOM IC-A110 (Vehicle Mounted)
- 1 ICOM IC-A6 (Hand-Held)

