

SECOND CREEK INTERCEPTOR



PROJECT OVERVIEW:

SCHEDULE: Beginning in October 2017 - present

AREA: 18 miles long with a 200 foot wide mapping corridor

PURPOSE: To provide survey design support data for a new sanitary sewer interceptor project consisting of 48"-60" diameter pipe.

AGENCIES INVOLVED:

- Denver International Airport
- City and County of Denver
- Adams County
- Farmers Reservoir and Irrigation Company
- Burlington Northern Santa Fe Railroad
- Union Pacific Railroad
- Colorado Department of Transportation
- Regional Transportation District
- Brighton School District
- South Adams County Water and Sanitation District
- City of Brighton
- City of Commerce City
- City of Thornton
- Multiple utilities

PARCELS CONTRACTED: Surveyed/Mapped Approximately 100 parcels

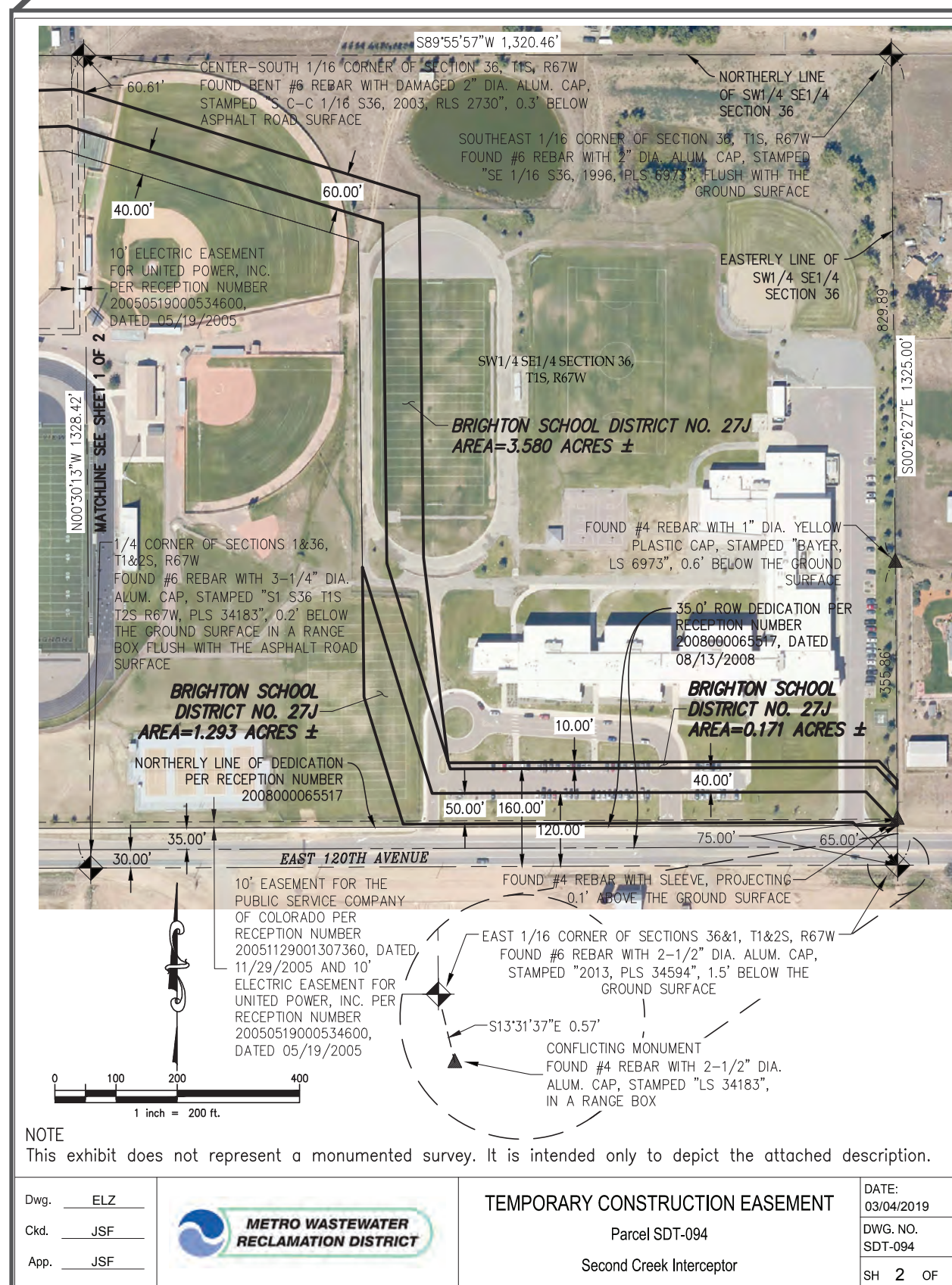
TASKS:

- Mapping potential alignments with aerial LiDAR
- Right of entry
- Establishing a high accuracy control network
- Underground utility mapping, title commitment review
- Parcel boundary determination
- Road rights of way determinations
- Geo-technical boring
- Utility potholes
- Wetland delineation, environmentally sensitive area determination

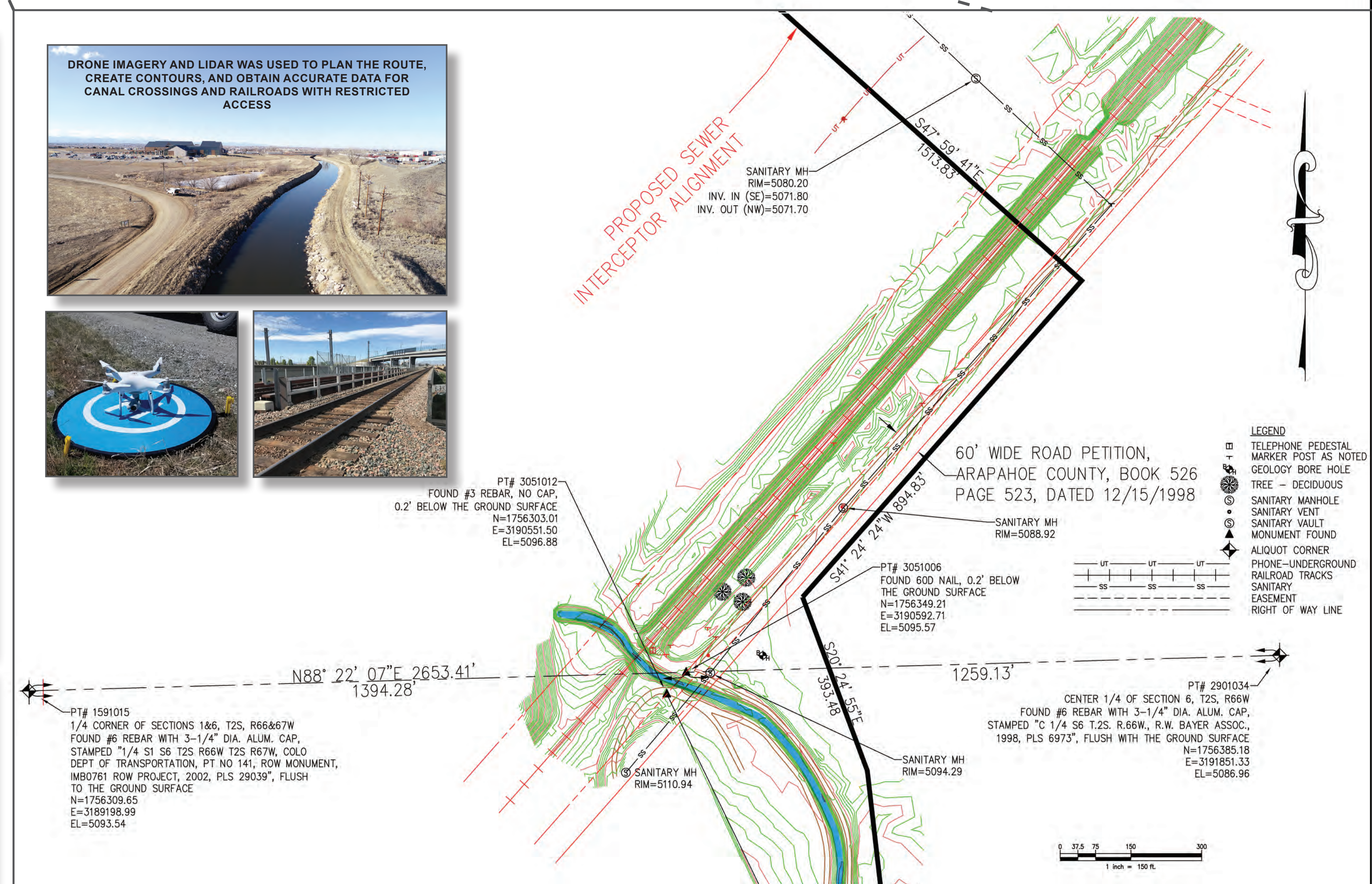
TECHNOLOGY META DATA:

- Aerial LiDAR and Imagery - Optech Galaxy LiDAR, Trimble TAC 100 Camera
- UAS/UAV
- Terrestrial LiDAR
- GPS
- Total Stations

EXHIBITS AND DESCRIPTIONS FOR ACQUIRING PERMANENT AND TEMPORARY EASEMENTS



**DRONE IMAGERY AND LIDAR WAS USED TO PLAN THE ROUTE
CREATE CONTOURS, AND OBTAIN ACCURATE DATA FOR
CANAL CROSSINGS AND RAILROADS WITH RESTRICTED
ACCESS**


[illegible]

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MERRICK	SIGNATURE	DATE
DRAWN	JSF	4/5/2019
DESIGNED		
QC REVIEW	CS	4/5/2019
APPROVED	CS	4/5/2019
CLIENT	SIGNATURE	DATE
REVIEW	CS	4/5/2019
APPROVED	CS	4/5/2019
QAD FILE NAME	SC OVERVIEW.DWG	

CLIENT PROJECT NO.	PAR 123
MERRICK PROJECT NO.	65319752-0
SCALE:	VARIE

TITLE:		
Second Creek Interceptor Project		
 METRO WASTEWATER RECLAMATION DISTRICT		
REVISION:	DRAWING NO.	SHEET NO.
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