

PROJECT

WORKINGTON TRANSPORT HUB
WORKINGTON

CLIENT

CUMBRIA CITY COUNCIL

PROJECT TYPE

EML
GPR SURVEY
RTK GPS

PROJECT OVERVIEW

CUMBRIA CITY COUNCIL HAD PROPOSED 3 NEW ROUTES FOR A NEW SURFACE WATER DRAINAGE SYSTEM AND ASSOCIATED MANHOLES. THIS REQUIRED THAT ALL SERVICES ON SITE BE LOCATED, SURVEYED AND DELIVERED IN 3D FORMAT TO ALLOW EACH ROUTE TO BE ASSESSED PRIOR TO A FINAL ROUTE BEING SELECTED.

PROJECT HIGHLIGHTS

PRECISION UTILITY MAPPING WERE SELECTED TO PERFORM EML & GPR SCANS TO TSA LEVEL 4 GUIDELINES. ASSETS WERE MAPPED IN THE FIELD USING GPS AND THEN COMBINED WITH EXISTING DIGITAL DATA SOURCES TO CREATE A SEAMLESS UTILITY DRAWING

REAL TIME KINEMATIC (RTK) GPS SURVEY

A GLOBAL POSITIONING SYSTEM (GPS) SURVEY WAS PERFORMED TO RECORD THE LOCATION OF ALL UTILITIES. USING RTK SURVEY METHODS THE FIELD CREWS WERE ABLE TO WORK EFFICIENTLY IN COLLECTING ASSET LOCATIONS.

QUALITY ASSURANCE

OUR SURVEYORS APPLIED QA/QC PROCEDURES TO THE SURVEY DATA TO ENSURE THAT THE TARGETED ACCURACY WAS BEING ACHIEVED.

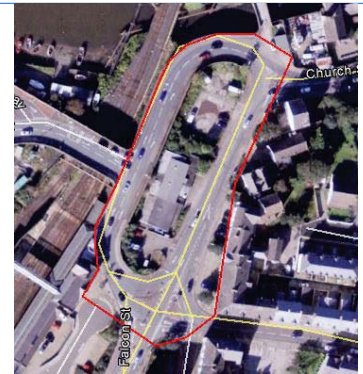


Image Field



Image Field