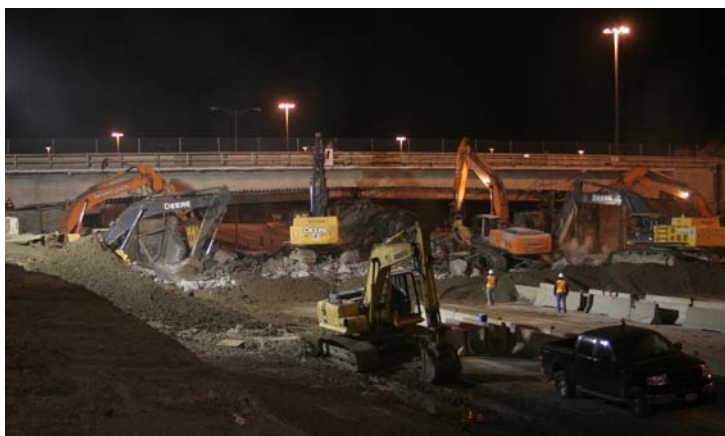
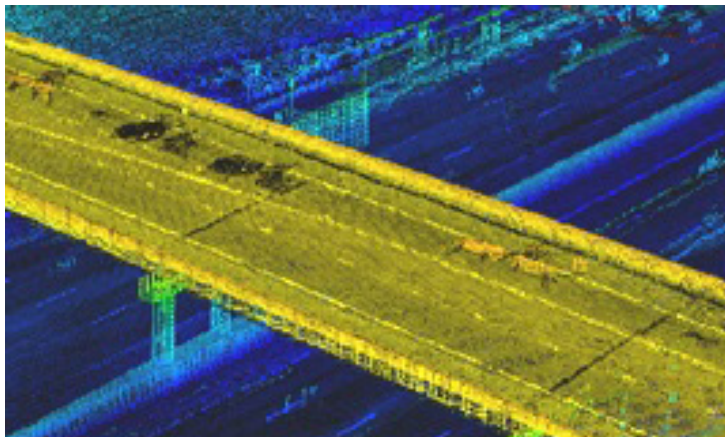




LiDAR Solutions for Roads

SOKKIA



We start with technical viability study, location & layout
Engineering survey and investigation, gradient & slope
Preliminary design support for road, bridges and structures
Layout of all facilities, features and assets
Help in BOQ and cost estimate
Land classification & utility relocation,
We create contours and digital terrain models
Route selections, alignment and land use
Inventory of roads, culverts, bridges, overpass, underpass
Road inventory survey
Bridge condition survey
Hydrology & drainage survey
Cut and fill material analysis
3d topographic survey
Generating digital terrain model & contours
Horizontal and vertical alignment
L-Section & Cross sections
Land plan, ROW and existing assets
Road Design – Data can be imported and used in MXroad
Site Design & area mapping
Asset & feature extraction for inventory count
Pavement management & rehabilitation

Export :

Line work, 3D model, polylines, features, assets, street furniture, planes, edges, cross-sections, mesh, features, angles, lengths, heights, volume, vectors, annotation, colour 3D point cloud, break lines, ground, non-ground, surface grid, hill-shades, draped imagery, contours, intensity, texture, layers, DTM, classified points, assets, dimensions, line of sight, fly through, projection, etc.

Export Format:

DXF, DWG, BMP, GIF, JPEG, PNG, TIFF, CL3, CLR, PTX, CLD, IJ, LAS, OBJ, WRL, X3D, CLT, TRG, PTS, TXT, MSH, TN3, DGN, SHP, XML, PTC, ASCII, GeoTIFF, ESRI, USGS DEM, FLT, and other GIS & CAD formats.

Compatibility:

AutocAD, Civil 3D, SolidWorks, Microstation, Bentley, MXROAD, GEOPAK, InRoads, Revit, Navisworks, ESRI, ERDAS, GIS and other geospatial softwares.

