



FIRST BASE SOLUTIONS
CHANGING VIEWS TO GET A BETTER PERSPECTIVE

FAST, ACCURATE SITE ANALYSIS FOR CIVIL ENGINEERS

It's not about what you've got, it's about what you can do with it. Proper analysis of your building site can help your development blend well with the surrounding streetscape, maximize economic potential, or enhance any unique physical features. First Base Solutions gives you the tools to make the most of your location.

CHALLENGE

Environmental impact in the pre-construction assessment, soil quality, traffic flow, sitelines, drainage, utility access, sanitary services, acoustic impact, and so much more needs to be assessed in the pre-construction phase. The challenge is accomplishing all these tasks quickly and accurately with minimal investment.

SOLUTION

Our customers in civil engineering frequently make use of our high resolution imagery and complementary data products to gain a complete, accurate, and up to date pictorial description of the site without engaging in costly ground surveys and site visits. Digital boundary files provided by Teranet depict property lines and easements, updated quarterly. Elevation data as DEM or contour lines allows engineers to identify peaks, valleys, slope and aspect of the land, which can be used for predicting the flow and ponding of surface water, acoustic and sightline analysis, and for performing volumetric calculations on soil mounds and depressions. Search our online libraries of spatial data and you'll find regulatory floodplain mapping and geological and hydrogeological strata models as well.

FEATURES

- All our data and imagery is georeferenced and integrates well with most CAD and GIS software, enabling the user to take measurements, draw, and plan directly over the photo and elevation models.

BENEFITS

- Knowledge is power, so the more detail, the more educated assumptions, and the more complete planning can be added to the project management documents the better.
- You can proceed with the project confident in the knowledge that you've taken into account every possible risk in advance.

CONCLUSIONS

Bidding and planning for development contracts is crucially important to get right, but often needs to be done at lightning speed. With the need for on-site visits reduced, but in-depth knowledge of the site conditions increased, more of your time becomes free to accurately define the project scope

and address risks you identify using our data that could otherwise become costly later on. With these tools in place, you can visualize your plans before a shovel ever hits the ground, make sure the site can accommodate the design, and that the design will harmonize with the surrounding area.

WANT TO LEARN MORE?



MAPWAREHOUSE is Ontario's largest geospatial data marketplace. Search, select, and download CAD and GIS mapping data 24/7.



VuMAP is a feature-packed online mapping application to view, query, measure, and compare FBS's imagery and geospatial data collection.

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