Procedural Modelling for Streetscape Design

Paul Seufert, June 27th 2016

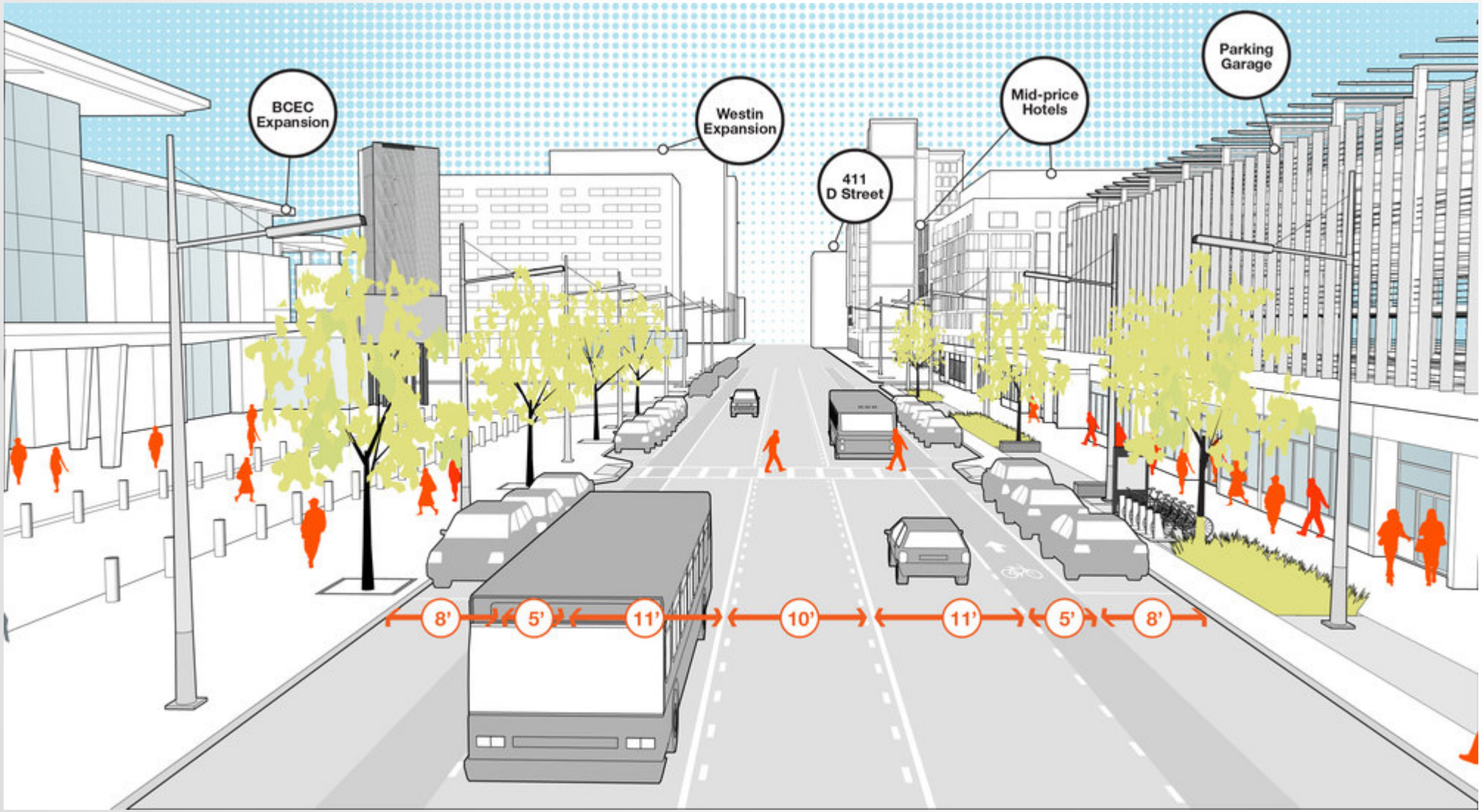
Life as a Policy Maker

Toronto bicycling Network

TORONTO POWER WALKERS

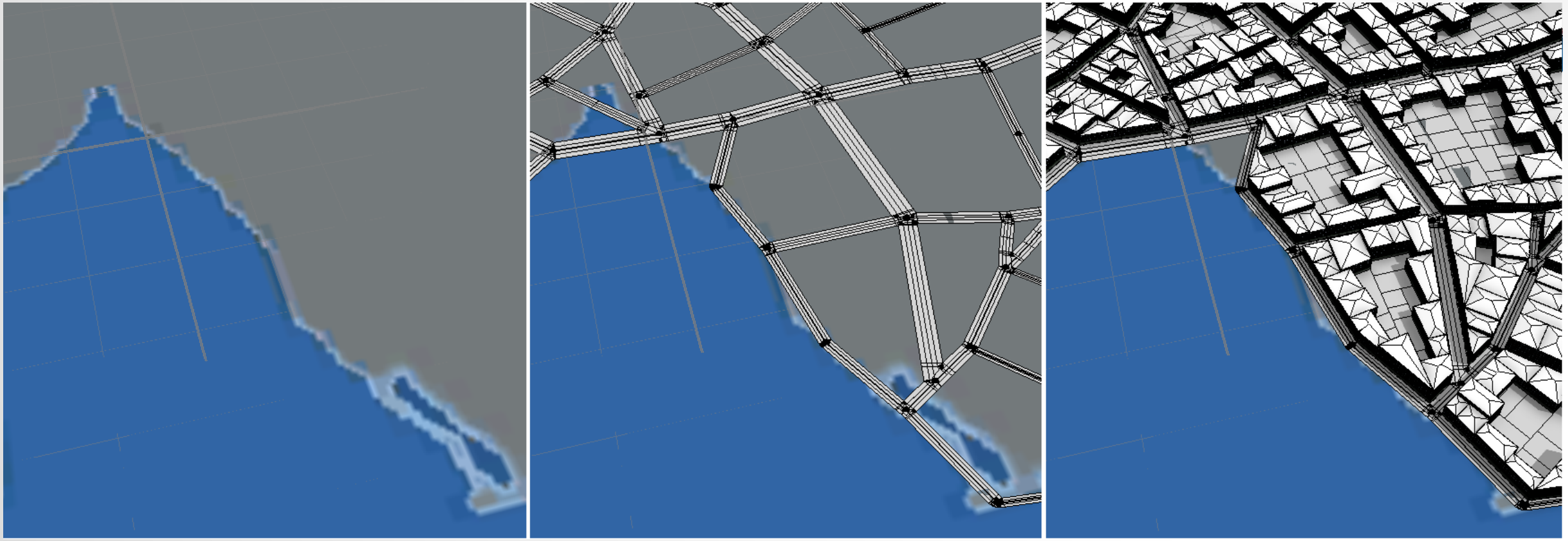
CASTLE BOARD GAME CAFÉ

Fitting into the Street



Procedural Modelling

Esri CityEngine



Getting the Right Data

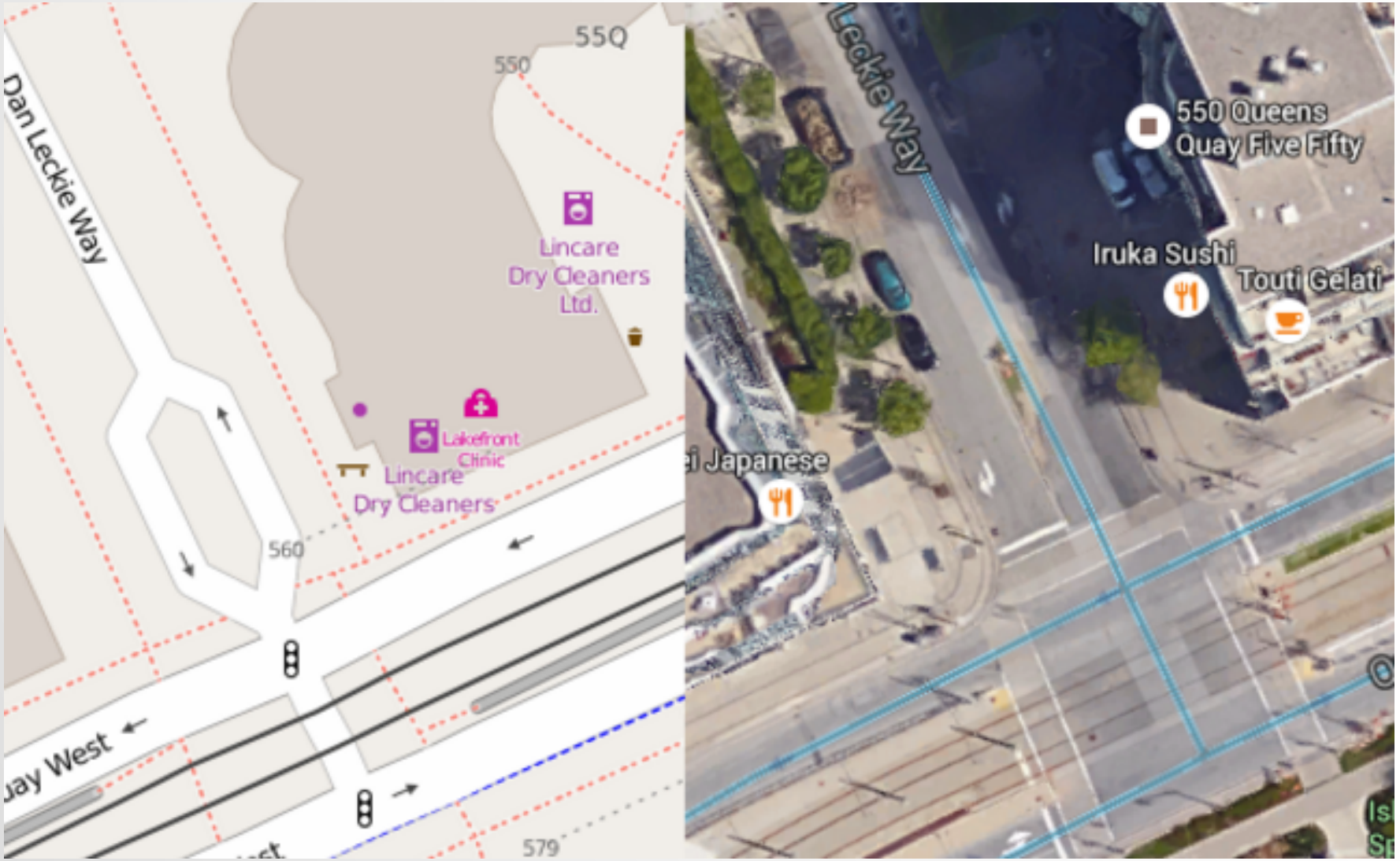
ArcGIS®

ESRI

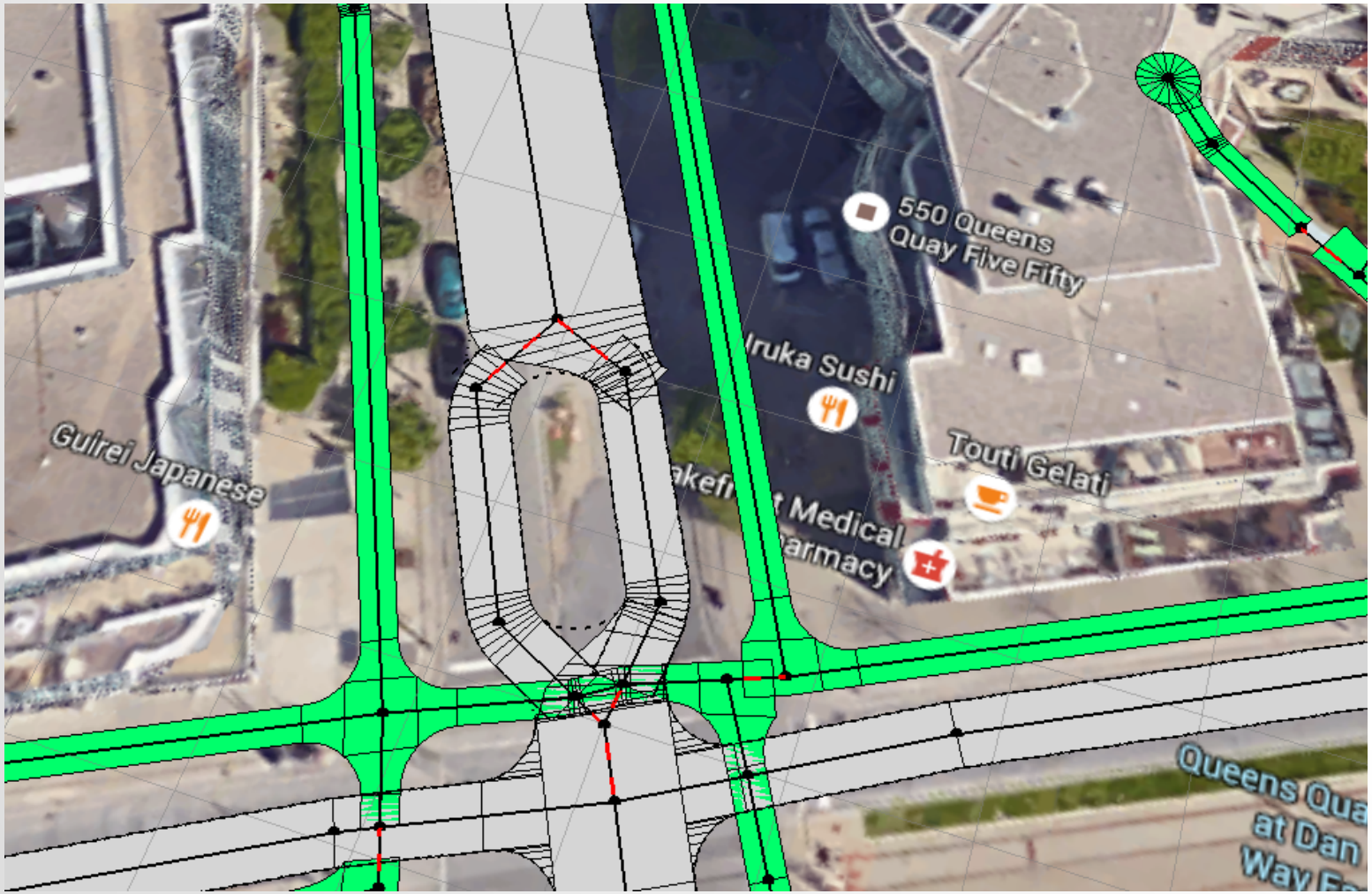
OpenStreetMap

Open Data - Toronto

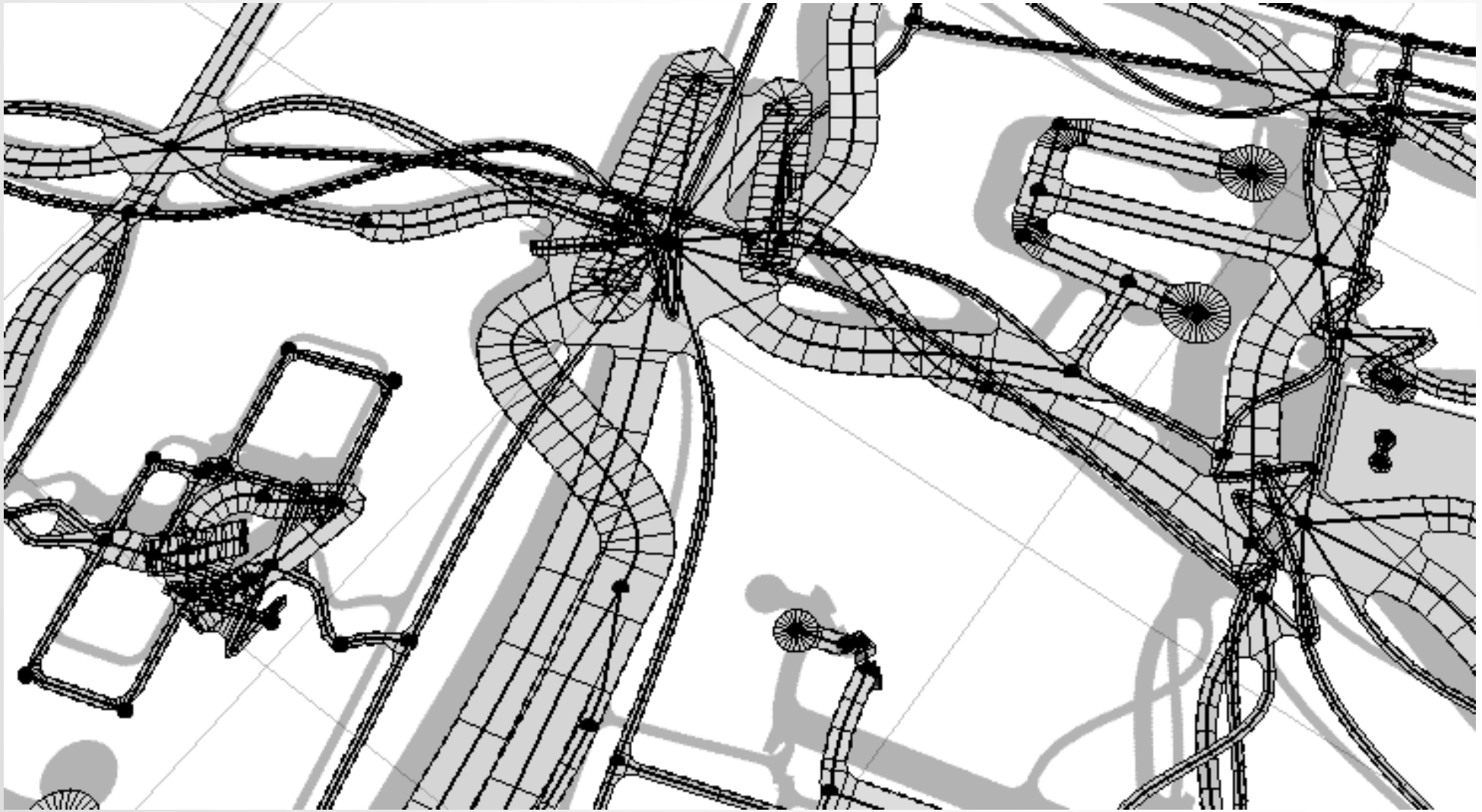
Fidelity Issues



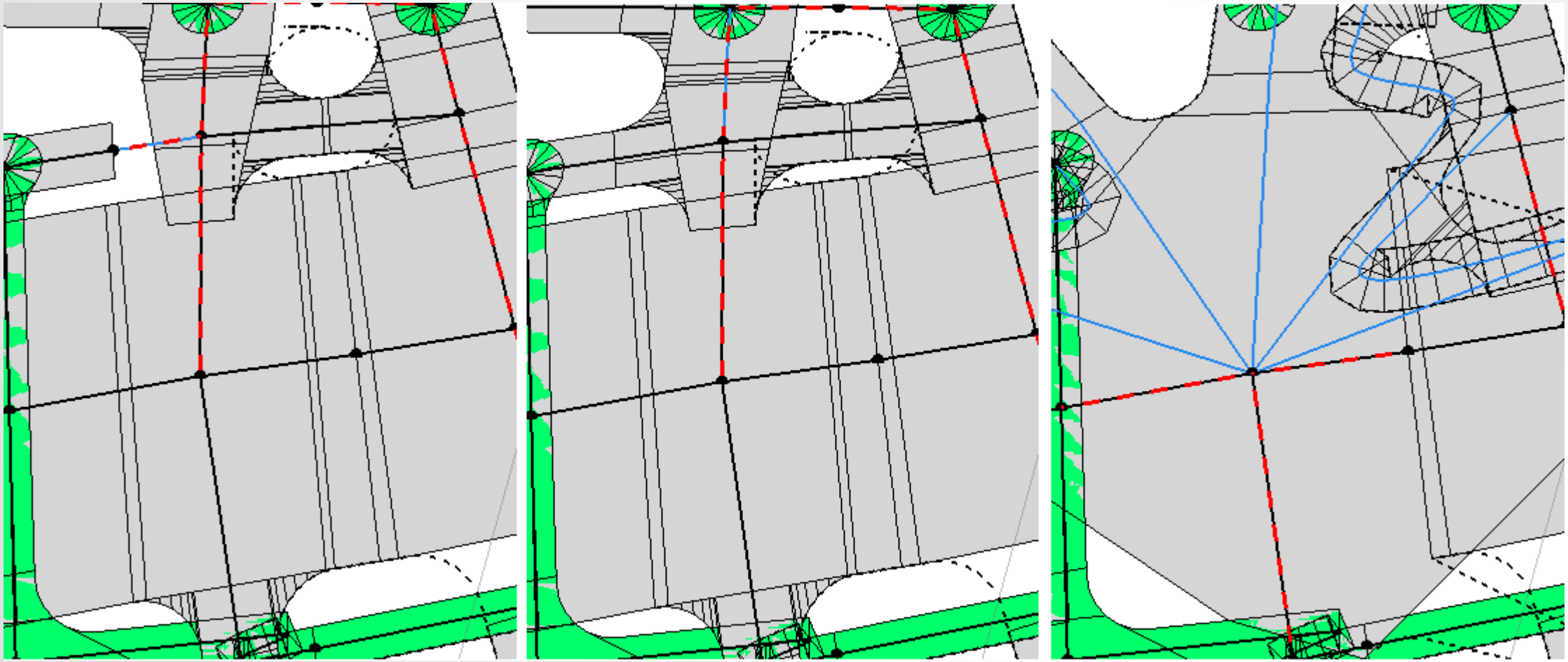
Sidewalk Fix



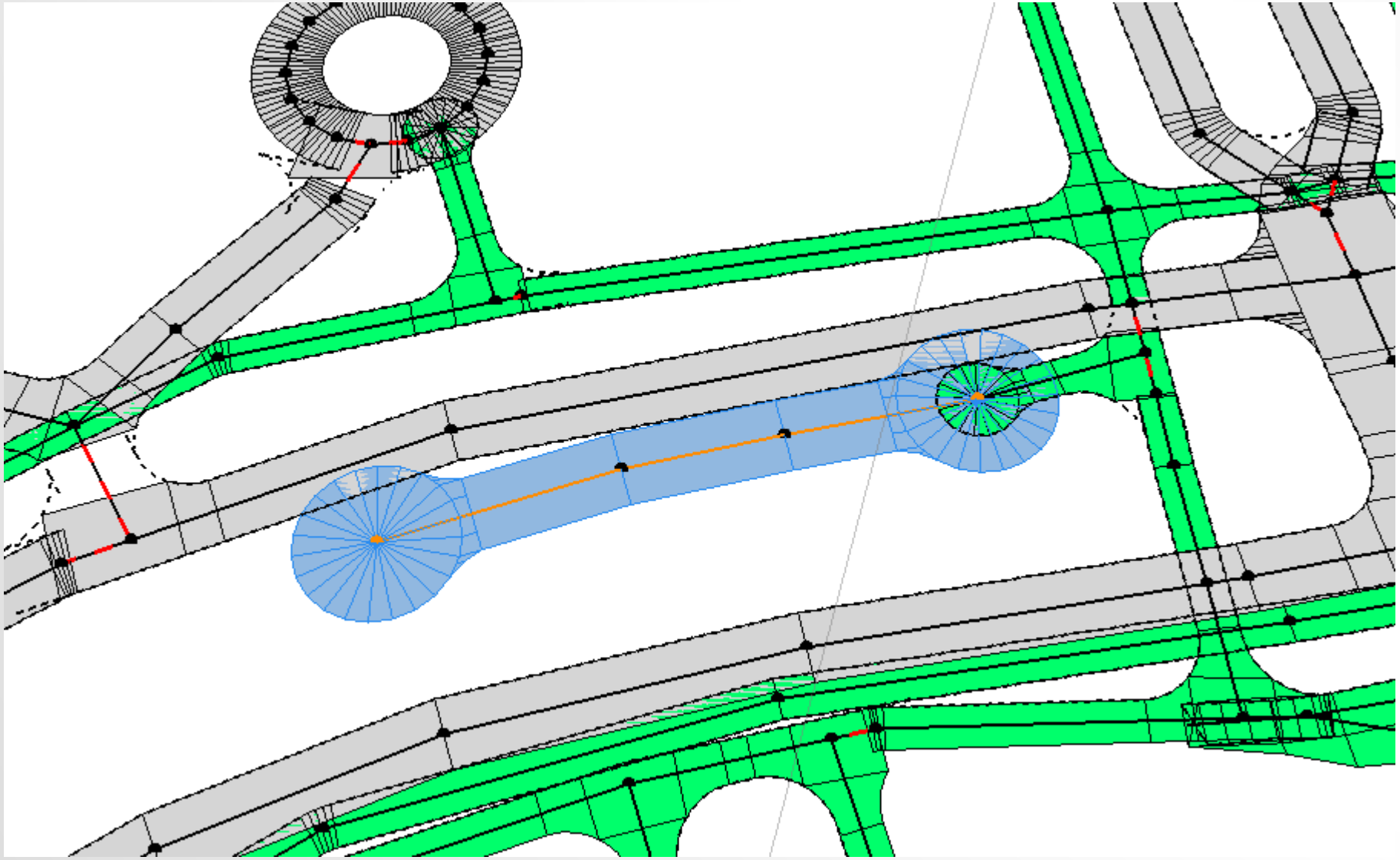
Labyrinth City



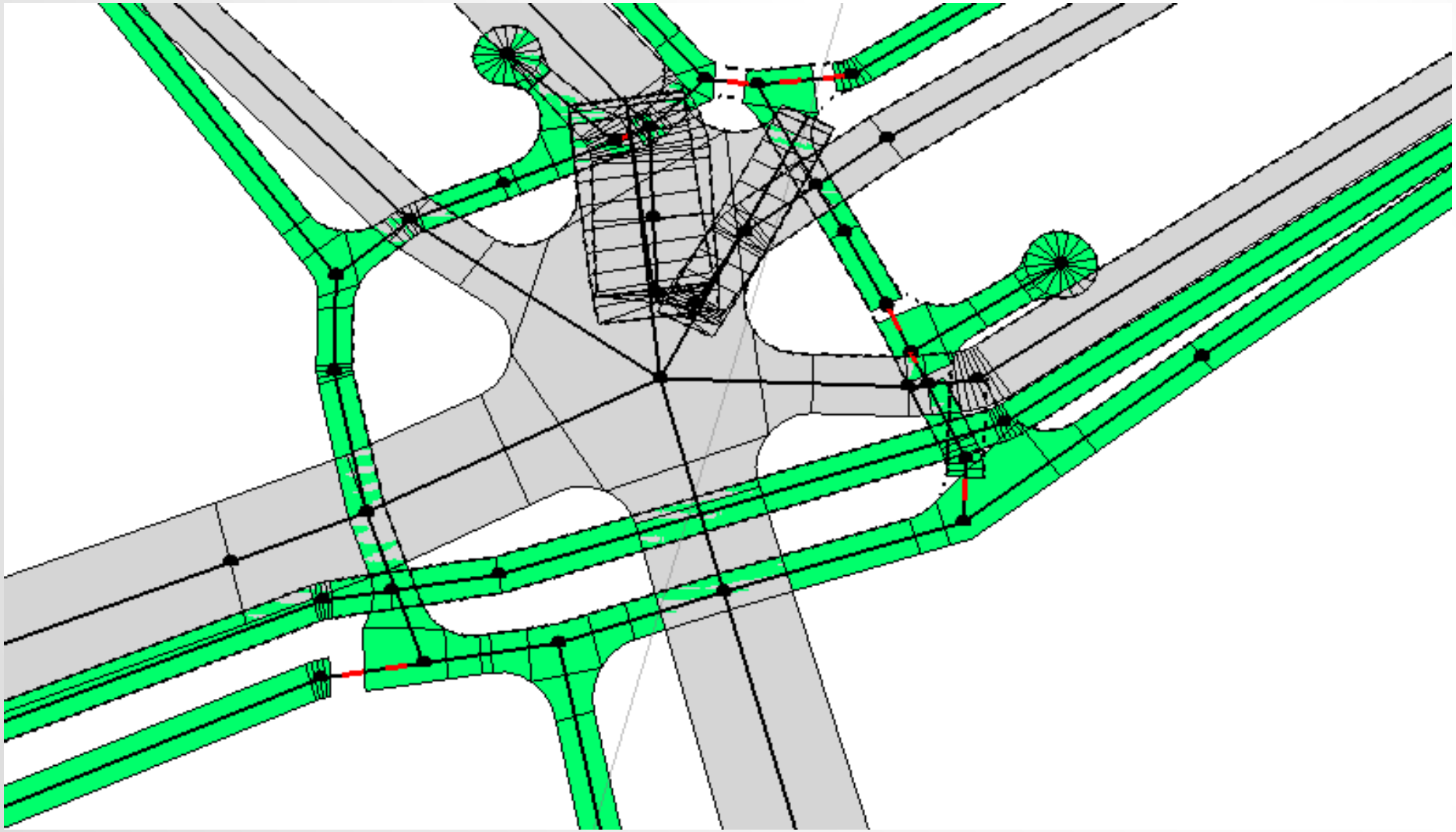
“Cleanup” Tool



Platform Cleanup



Intersection Issues



Current Position

Moving Forward

-Procedural changes to the streetscape

-More advanced building rules

-Data exporting for use in other projects

-Populating the model