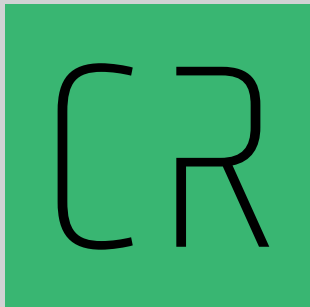


Intersection site management tool with coordination and benefit analysis

CrossRoads is an innovative signalized intersection site management tool that helps you stay organized while performing key traffic engineering tasks including site, benefit, and coordination analysis. The different functions work together to make sure signal timing, detection zones, and phasing choices are configured to reduce economic costs with the control onsite at different times of the day.



- Create multiple intersection animations with different traffic volumes and patterns.
- Create an arterial corridor travel demand model from intersection turn move counts.
- Create dynamic, static, and arrival detection zones with different signal timing and phasing options.
- Perform coordination analysis using a time-space diagram, simulation, and coordination reports.
- Perform benefit analysis of economic outputs such as CO2 emissions, fuel savings, and motorist time savings.
- Perform site analysis using Wavetronix sensor footprint overlays.
- Perform “what if” analysis by adding lanes or extending turn bays.
- Manage custom animations based on map location. Store traffic and signal timing data in animation repository to help manage each site over time. Save and compress animations for sharing.
- Access a suite of example animations for experiential learning.
- CrossRoads Standard and CrossRoads Starter available for single intersection benefit and site analysis respectively.

