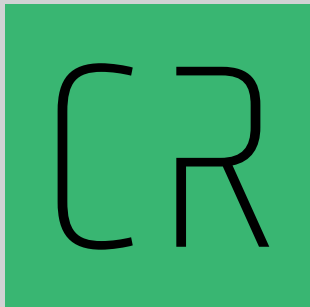


Benefit analysis software for independent signalized intersections

CrossRoads empowers your team to efficiently conduct site-specific comparative economic analyses, uncovering significant benefits from optimizing interactions between detection and control at signalized intersections. This powerful tool also enhances understanding of basic and complex traffic principles through an engaging, interactive experience.



- The benefit calculator's animated traffic metrics include both traveler delay and economic outputs including:
 - CO2 emission savings
 - Fuel savings
 - User time savings
- The traffic simulation models microscopic traffic interactions based on an intersection model you customize to the satellite map view
- Road Builder facilitates exploring "what if" scenarios, such as "What if we added another lane?"
- The vehicle manager evaluates performance for a variety of different traffic volumes and patterns
- The learning experience is enhanced by presentation visuals including:
 - Controller status displays
 - Interactive controller diagrams
 - Radar sensor footprints
- Pre-loaded with animations that illustrate or quantify the savings associated with:
 - Stop bar detection
 - Long zones over short zones
 - Advance railroad preemption
 - Dynamic dilemma zone protection

