Intelligent Traffic Signal System (I-SIG)

HOW COULD THIS HELP?

- ✔ Optimizes traffic signals for priority

- ✔ Addresses preemption and pedestrian movements

HOW DOES THIS WORK?

- ✔ An overarching system optimization application accommodates signal priority, preemption and pedestrian movements.

SOLUTION IMPROVEMENTS

- ✔ Unoptimized transit operation

- ✔ Striking pedestrian

SOLUTION PITFALLS

- ✔ Infrastructure and vehicle must be V2I equipped

INVESTMENT

+ V2X ROADSIDE UNIT COST PER MILE-FREEWAYS
  N/A

+ V2X ROADSIDE UNIT COST PER INTERSECTION-SIGNALIZED CORRIDORS
  $26,000

+ V2X SIGNAL CONTROLLER COST PER INTERSECTION-SIGNALIZED CORRIDORS
  $10,000

+ FIBER OPTICS COST PER MILE
  $158,000