

Dynamic Ridesharing (D-RIDE)



TRANSPORTATION NEEDS ADDRESSED



MOBILITY

HOW COULD THIS HELP?

- ✓ Optimizes ridesharing

HOW DOES THIS WORK?

- ✓ An application uses dynamic ridesharing technology, personal mobile devices, and voice activated on-board equipment to match riders and drivers.

SOLUTION IMPROVEMENTS

- ✓ Unoptimized ridesharing

SOLUTION PITFALLS

- ✓ Vehicles need additional communication equipment

Disclaimer: all content is for planning purposes only and published as of Summer 2020. Contact the author at shacav@mdot.maryland.gov with any questions or comments.

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