



2050 Metropolitan Transportation Plan


Ohio-Kentucky-Indiana Regional Council of Governments

June 2020



www.oki.org

 [/okiregional](https://www.facebook.com/okiregional)

 [/okircog](https://twitter.com/okircog)

OKI 2050

METROPOLITAN TRANSPORTATION PLAN

We are about to enter a New Age of Transportation

Vast changes in the world will occur in the next 30 years and transportation's evolution will be at the forefront.

The extent of the changes depends on a variety of factors, but technology will be the constant stimulus to how we move about the world.

2050 Vision

2050 Plan

Traditional Plan

Requirements for a Traditional MTP

Prerequisite for federal funds:

- Required update every 4 years
- Minimum 20 year horizon
- Conformity required (fiscal & AQ)
- Multi-modal & performance-based
- Address the 11 Planning Factors

Goals (Planning Factors)

- Economic vitality
- Safety
- Security
- Accessibility & mobility options
- Environment
- Connectivity for people & freight
- Efficiency
- System preservation
- Resiliency & reliability
- Reduce or mitigate stormwater impacts
- Enhance tourism

Products of a Traditional Plan

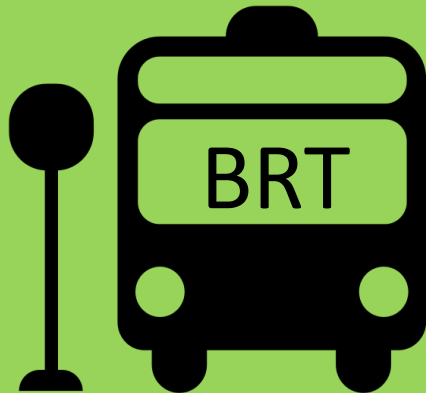
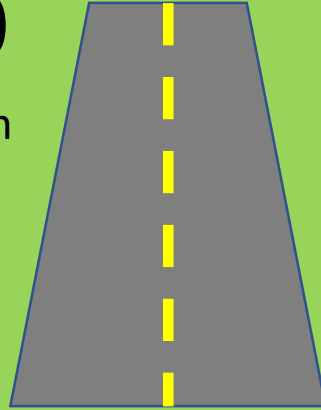
Existing conditions > Assess Needs > Recommendations



Additional Elements in the 2050 Plan

TSMO

Transp. System
Management
& operation

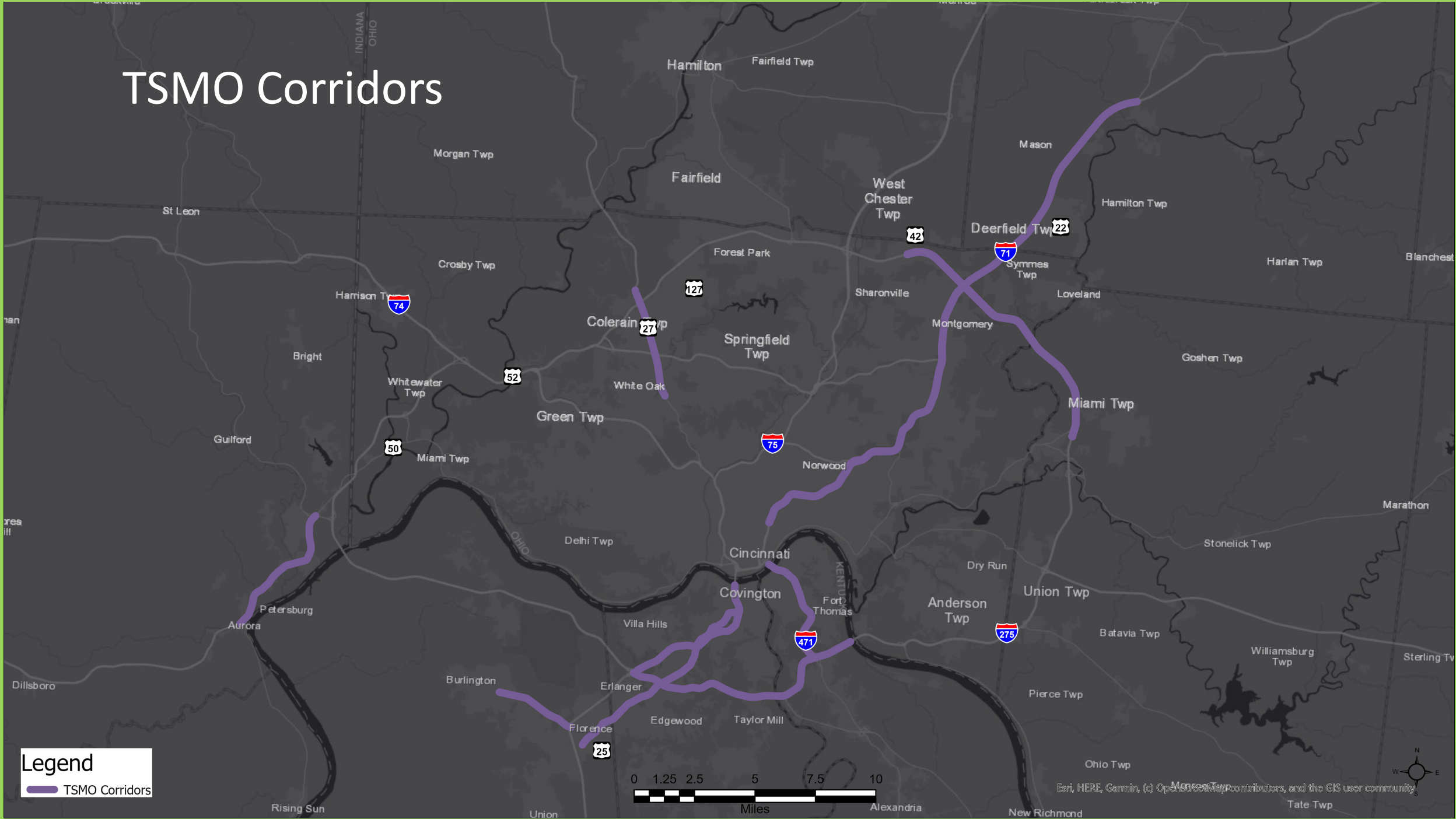


CONNECTEDCAR



Self Driving Vehicles

TSMO Corridors



Summary of Recommended Projects by State

<https://2050.oki.org>

OHIO

116 projects

Freight (2)	\$35.9 M
Bike /Ped (15)	\$158.0 M
TSMO (5)	\$190.4 M
Highway (84)	\$3171.8 M
Transit (10)	\$724.7 M
Total	\$4280.8 M

KENTUCKY

71 projects

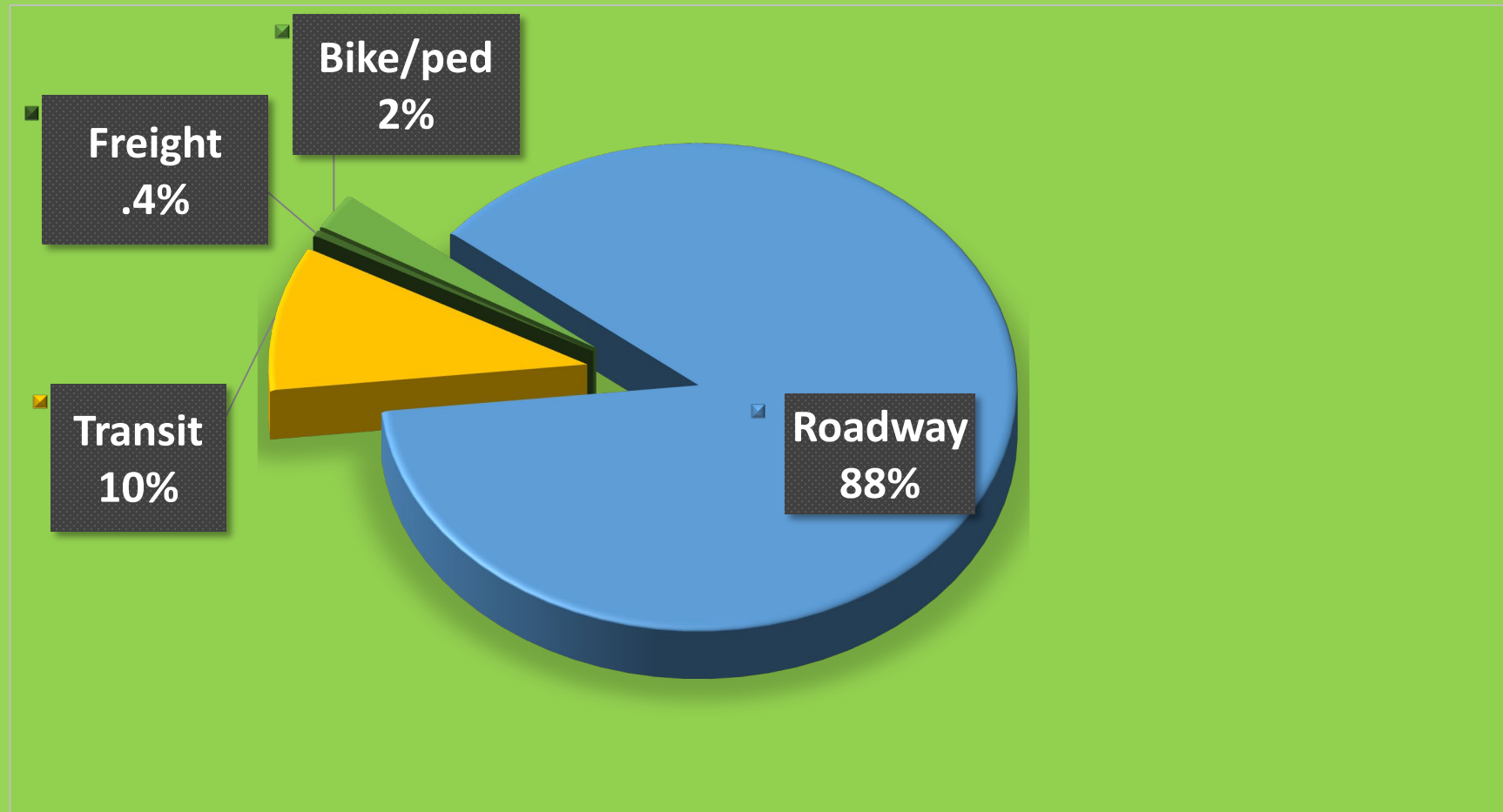
Bike /Ped (8)	\$25.4 M
TSMO (4)	\$49.1 M
Highway (56)	\$3957.4 M
Transit (3)	\$93.4 M
Total	\$4125.2 M

INDIANA

18 projects

Bike /Ped (5)	\$12.8 M
TSMO (2)	\$1.1 M
Highway (10)	\$83.4 M
Transit (1)	\$0.3 M
Total	\$97.6 M

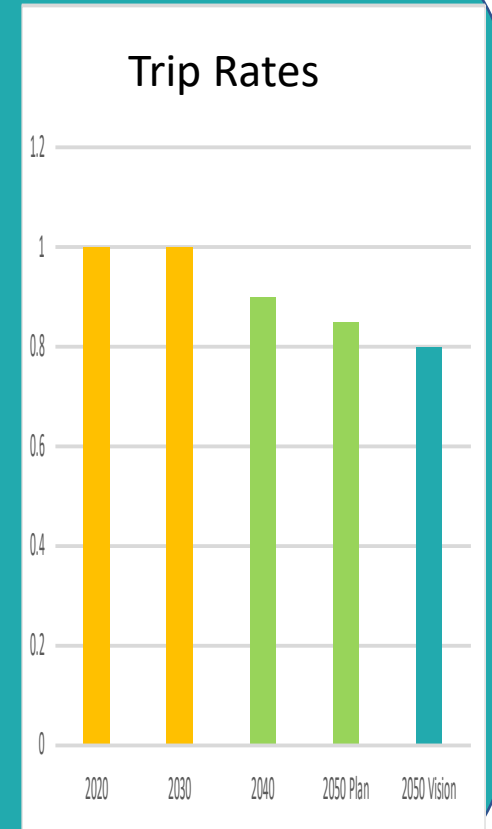
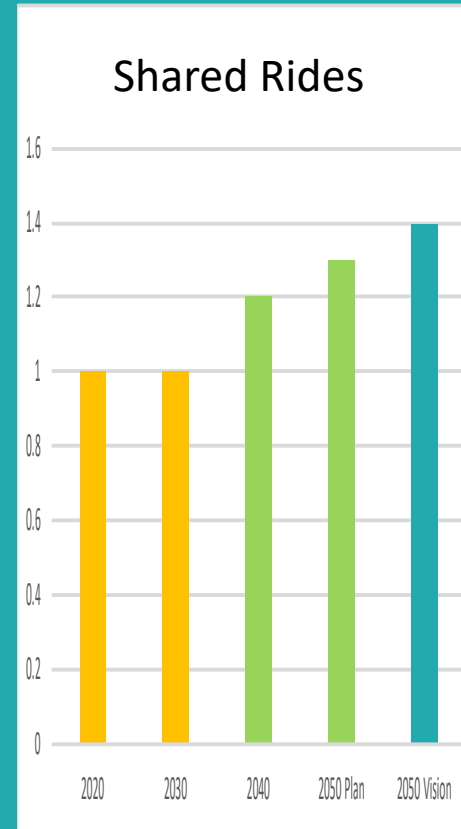
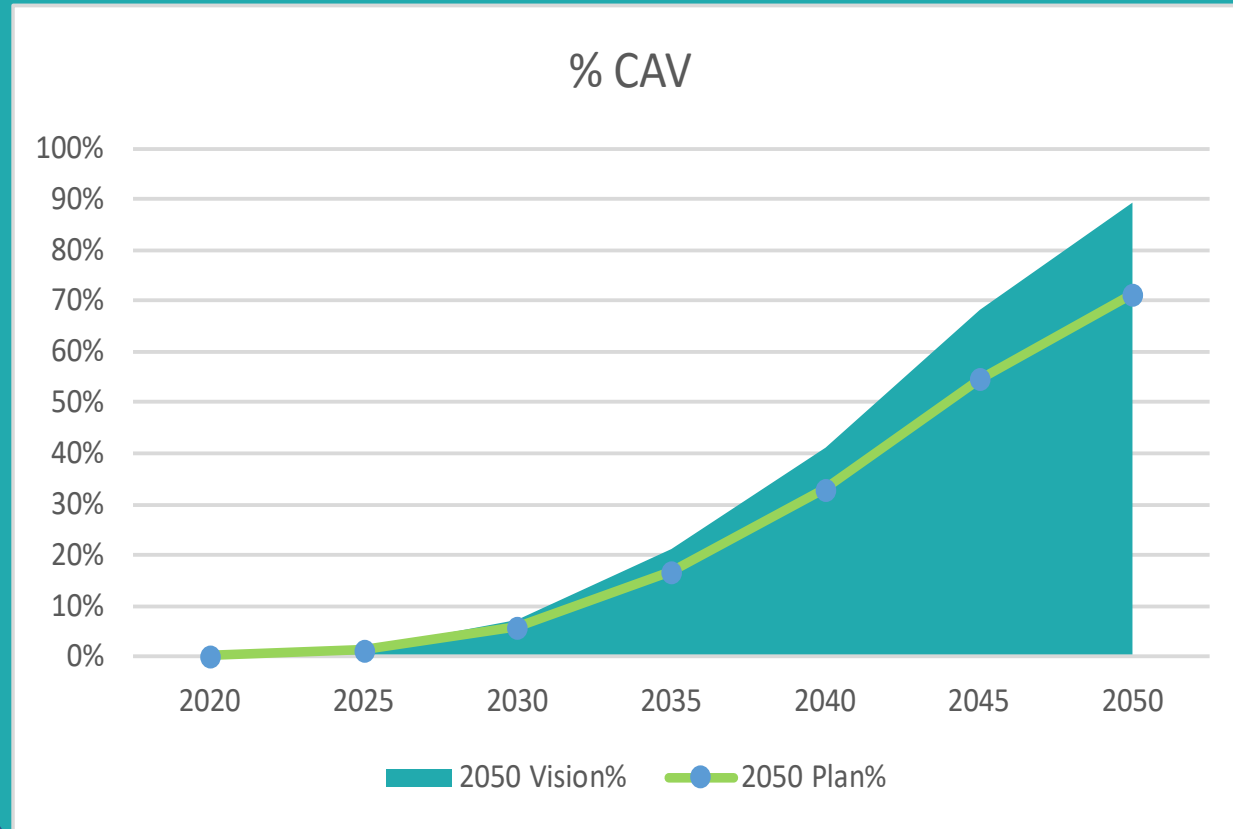
Regional Cost Allocation by Project Type



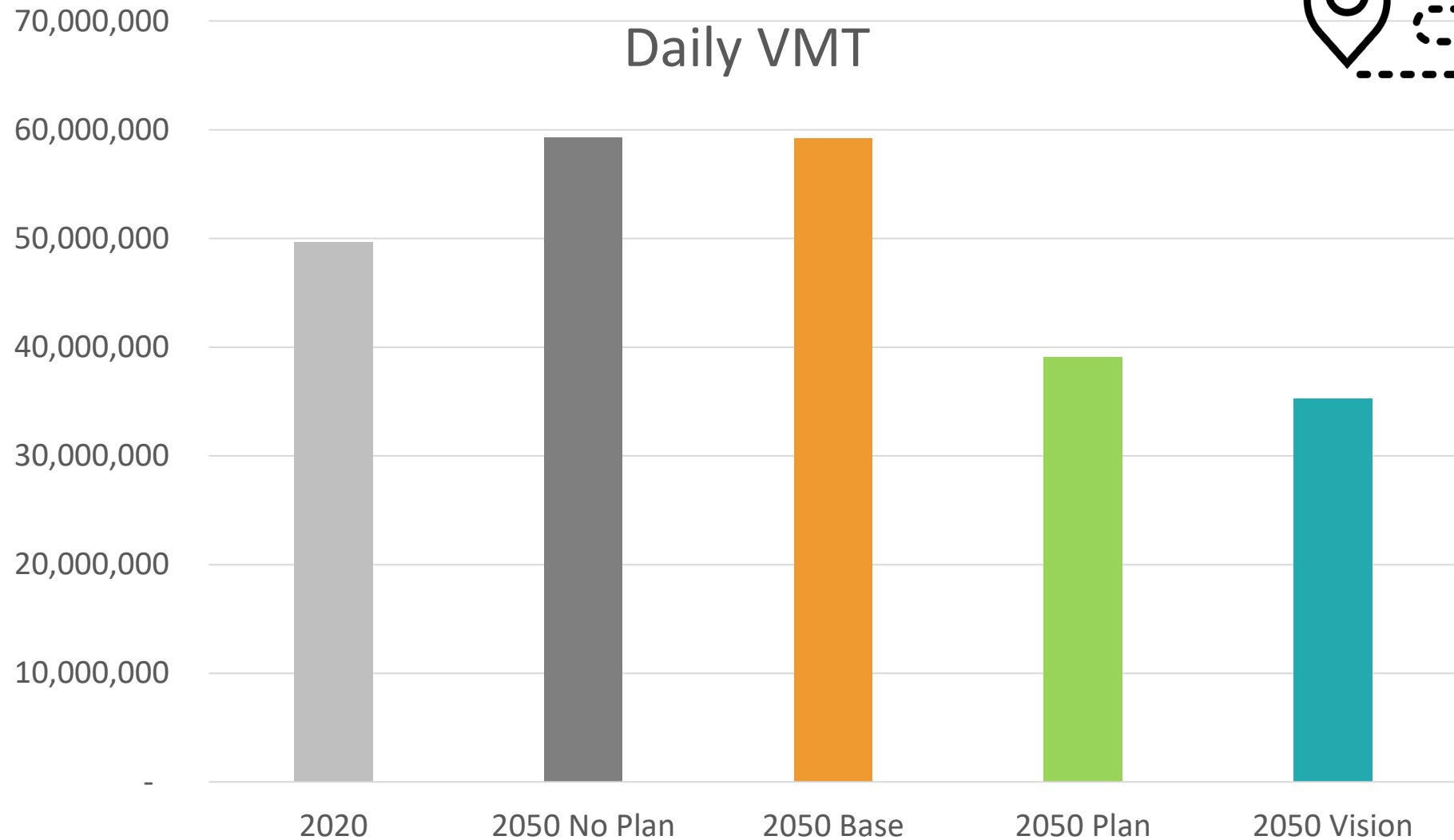
Regional Summary by Project Type

Access management	(4)	Reconstruction	(7)
Add through lanes	(48)	Roundabout	(7)
Add two way LT lane	(11)	Transit	(14)
Signal sys. upgrade	(3)	TSMO	(10)
Intersect./Xchg. Impr.	(45)	Bike/ped	(28)
New route/extension	(5)	Freight Rail	(2)
Geometric improve.	(23)		

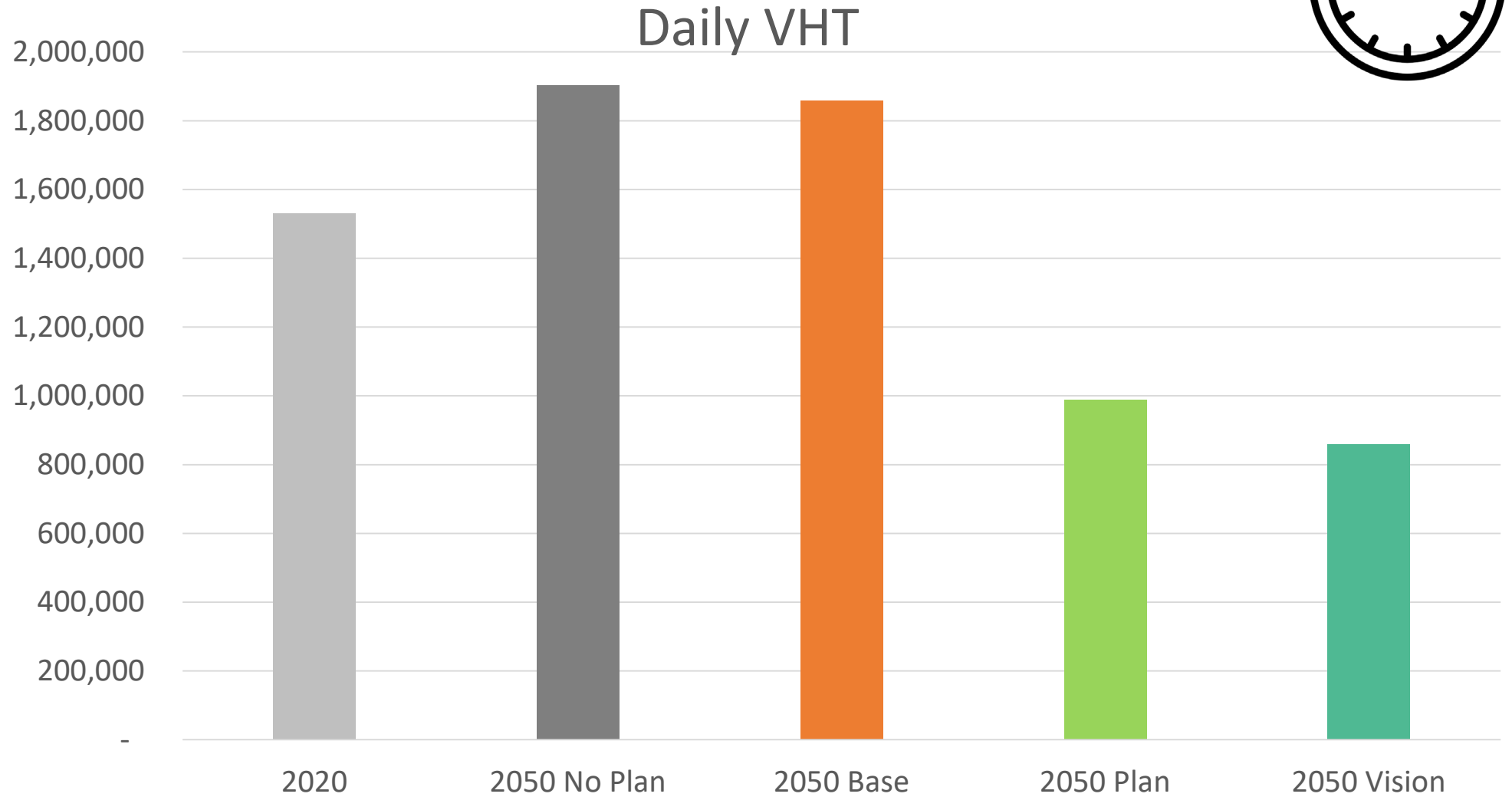
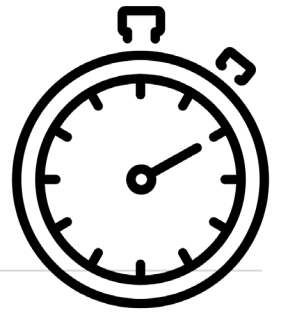
The 2050 Vision



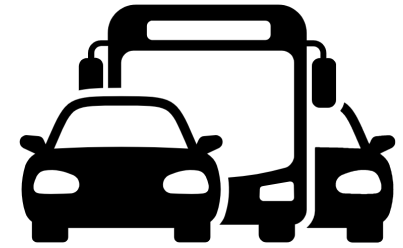
Impacts on Vehicle Miles Traveled



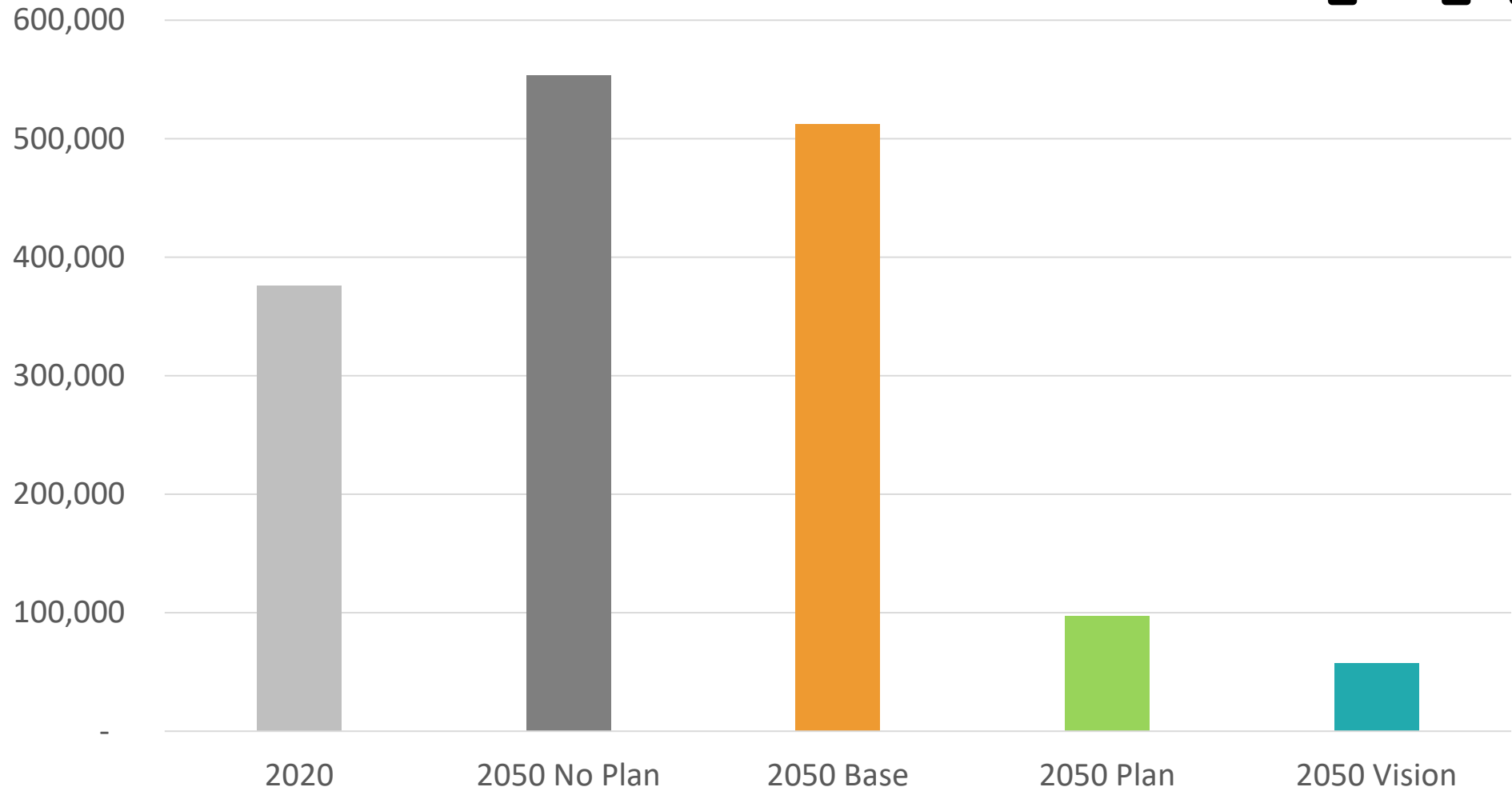
Impacts on Vehicle Hours of Travel



Impacts on Delay



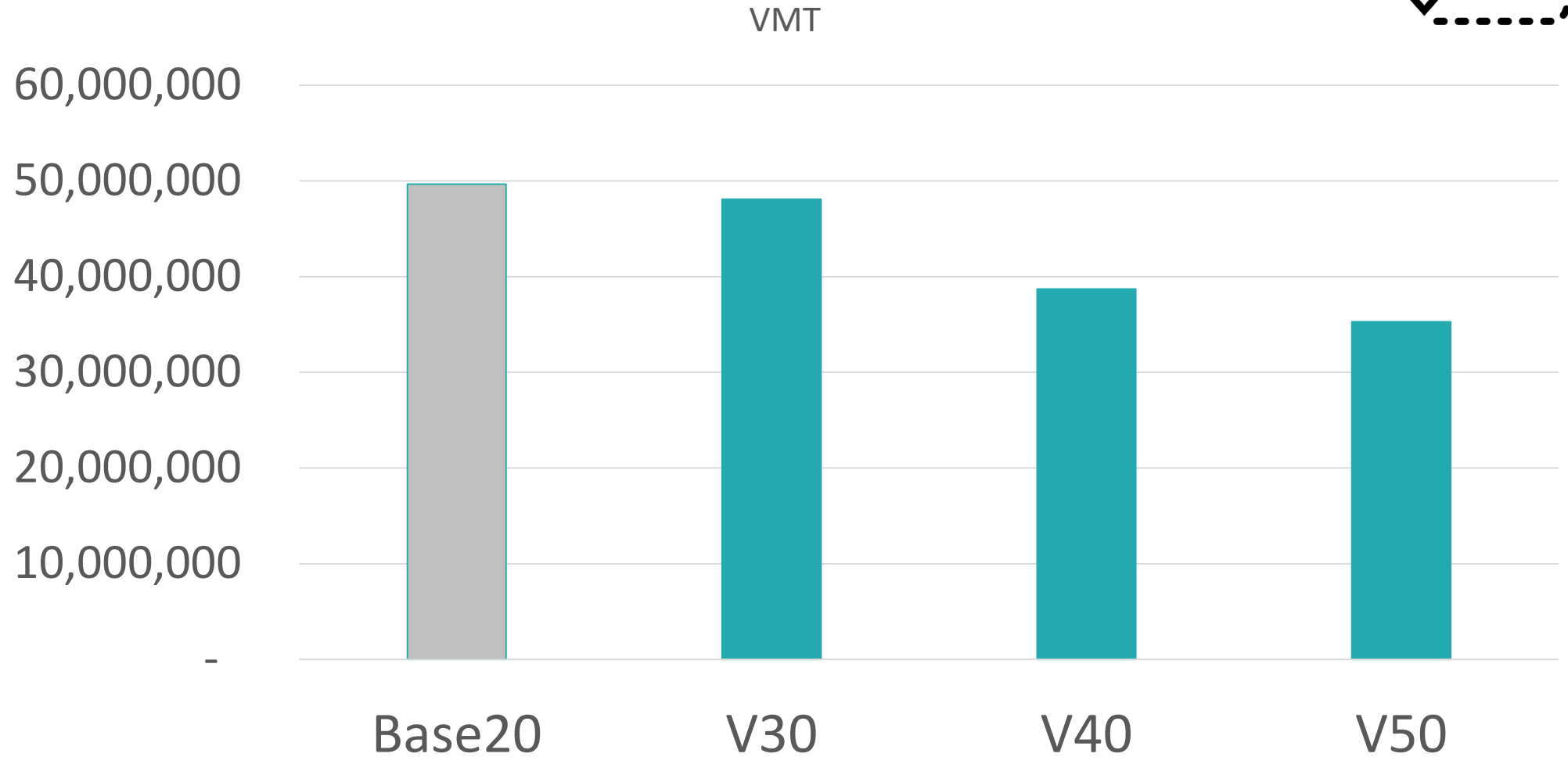
Daily Hours of Delay



Big Picture

The future looks bright but to get there effectively we will continue to rely heavily on traditional projects like Brent Spence, additional lanes, roundabouts, improved signals, enhanced transit and better bike/pedestrian facilities.

Impacts of Vision Plan on Vehicle Miles Traveled



<https://2050.oki.org>

DRAFT OKI 2050 Metropolitan Transportation Plan

GIVE YOUR INPUT



Community Outreach

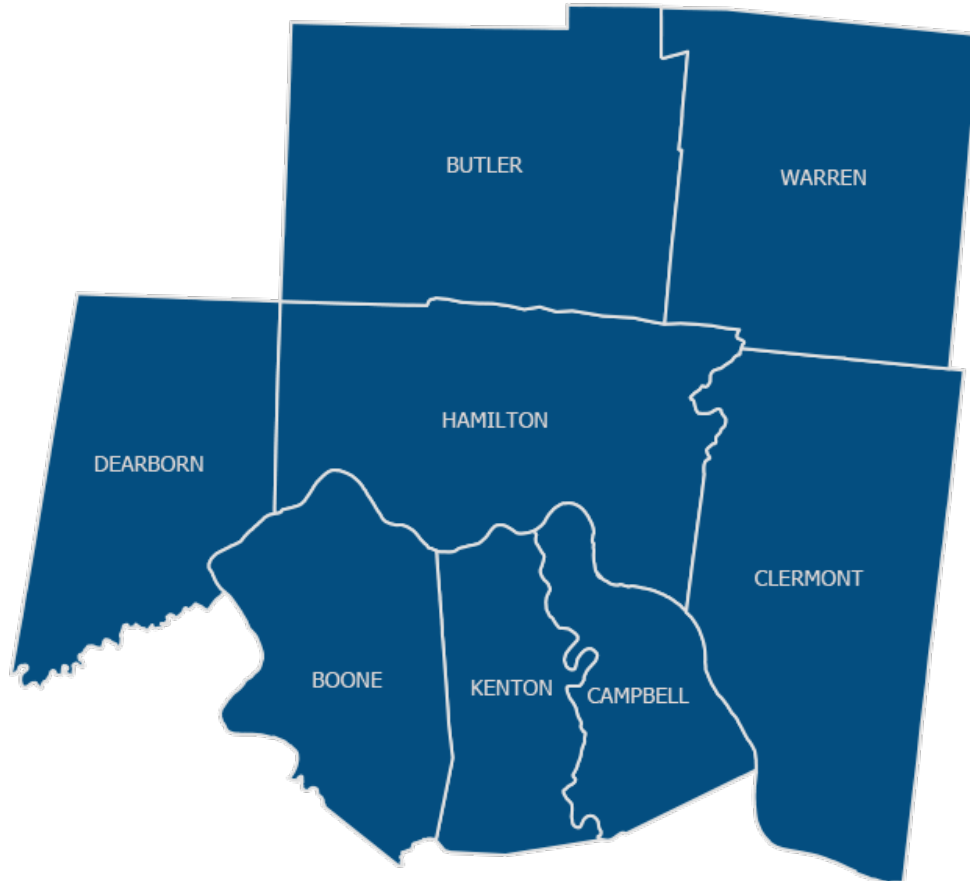
Existing & Future Conditions ▾

Recommended Projects ▾

Impacts ▾



Questions?



<https://2050.oki.org>

Robert Koehler, P.E.
Deputy Executive Director
rkoehler@oki.org
513-619-7676