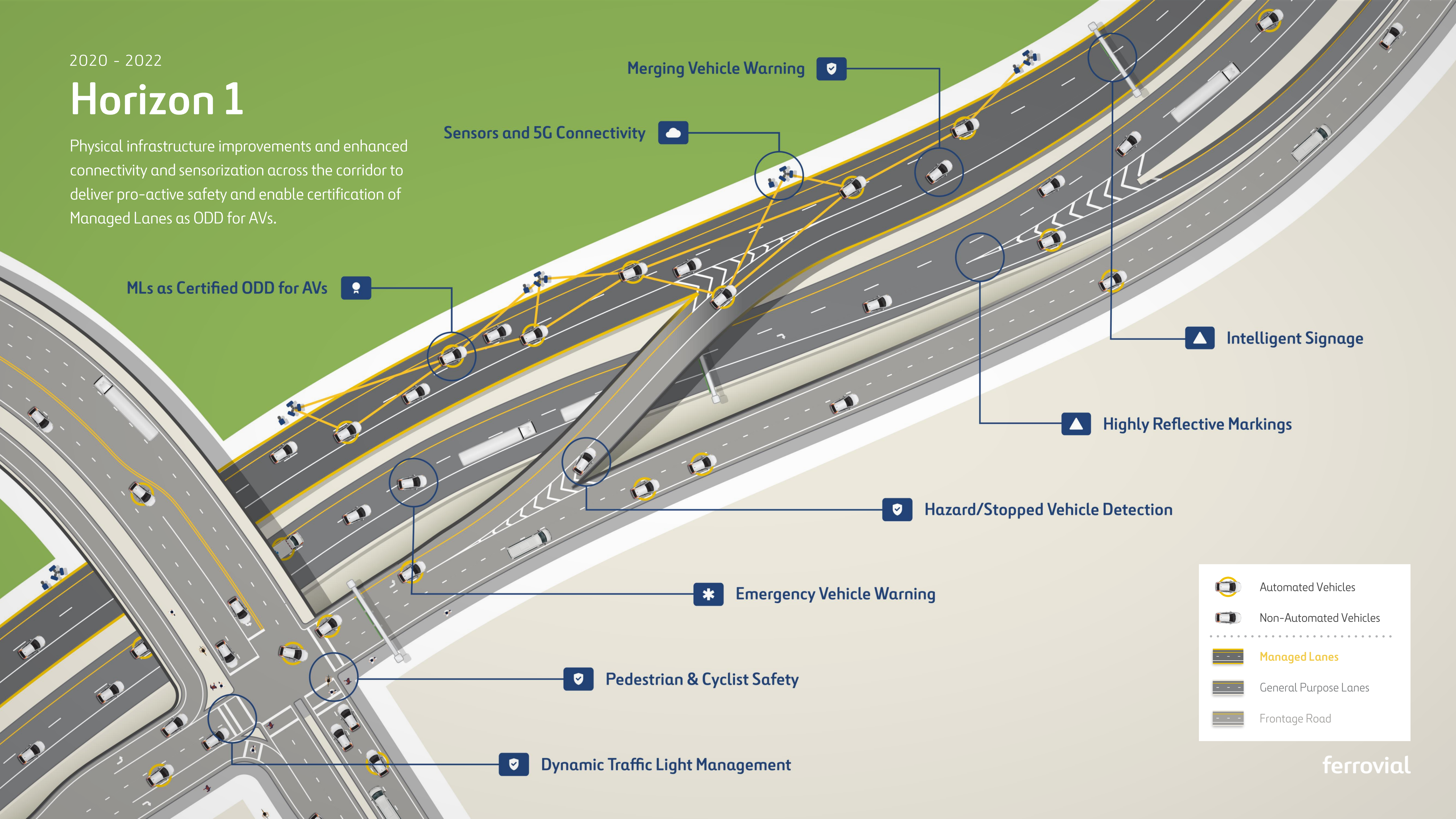




2020 - 2022


Horizon 1


Physical infrastructure improvements and enhanced connectivity and sensorization across the corridor to deliver pro-active safety and enable certification of Managed Lanes as ODD for AVs.




 Automated Vehicles

 Non-Automated Vehicles

 Managed Lanes

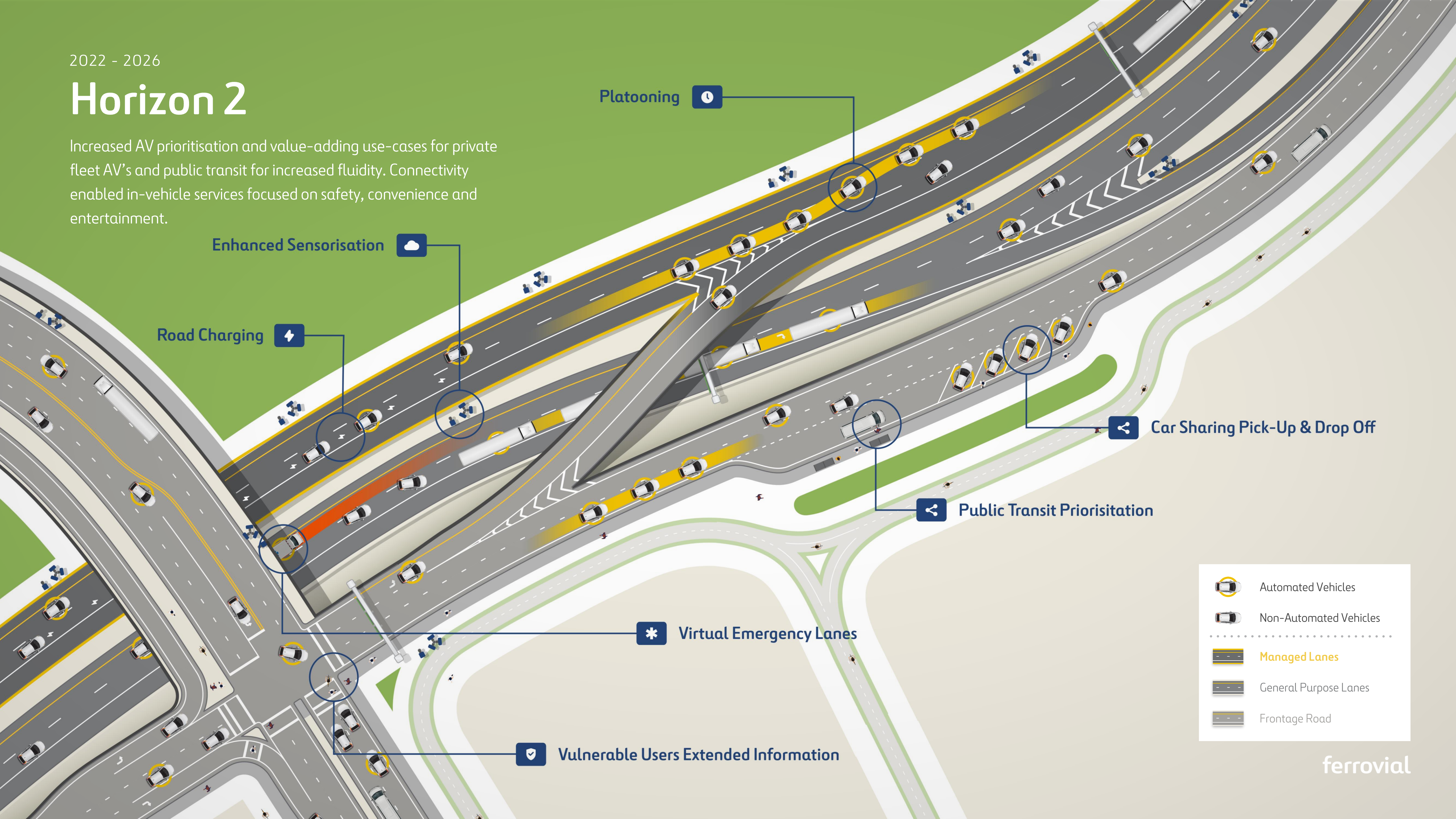
 General Purpose Lanes


 Frontage Road


2022 - 2026


Horizon 2


Increased AV prioritisation and value-adding use-cases for private fleet AV's and public transit for increased fluidity. Connectivity enabled in-vehicle services focused on safety, convenience and entertainment.




 Automated Vehicles

 Non-Automated Vehicles

 Managed Lanes

 General Purpose Lanes






 Frontage Road

2026 - FUTURE

Horizon 3

Fully refined the corridor will deliver fully orchestrated, dynamic traffic management for all vehicles across urban and inter-urban domains to maximize capacity, fluidity and flexibility without the need for additional construction.



-  Automated Vehicles
-  Non-Automated Vehicles
-  Managed Lanes
-  General Purpose Lanes
-  Frontage Road

2020 - 2022

Horizon 1

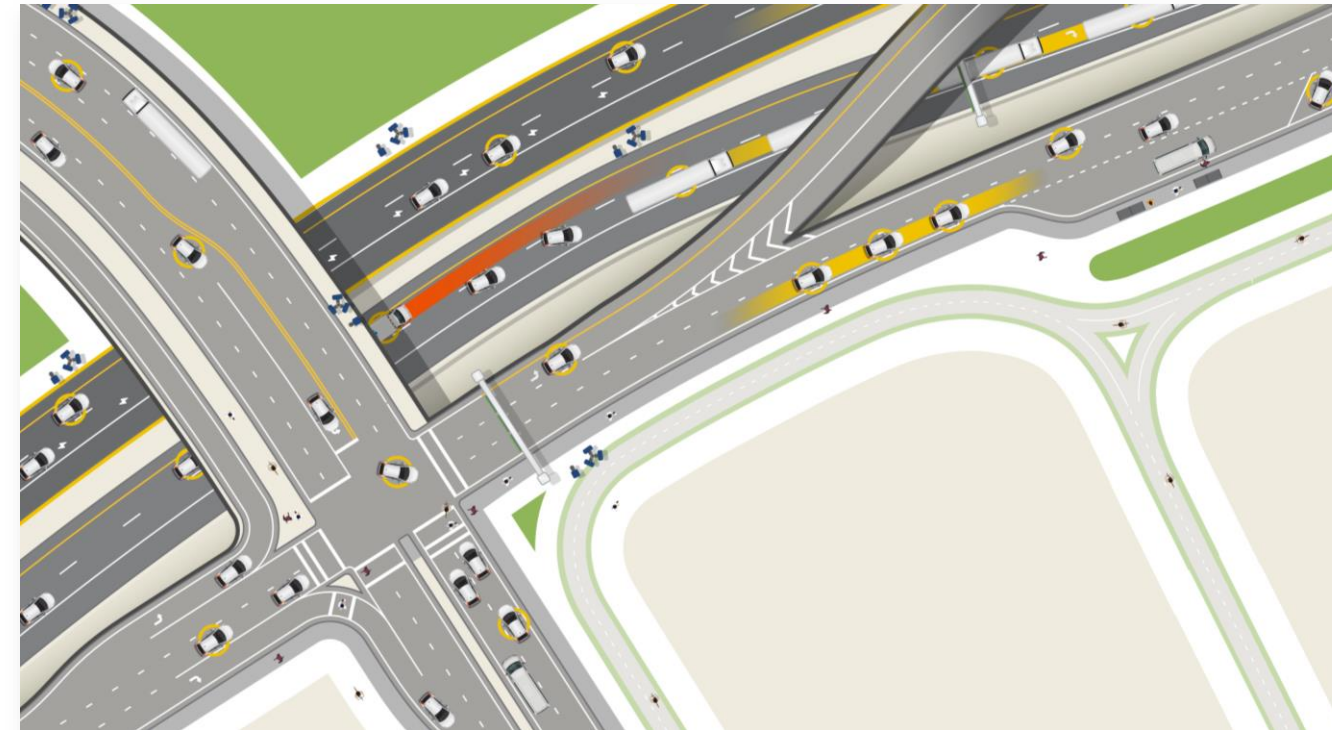


Physical infrastructure improvements and enhanced connectivity and sensorization across the corridor to deliver proactive safety and enable certification of Managed Lanes as ODD for AVs.

- MLs as Certified ODD for AV's
- Sensors and 5G Connectivity
- Merging Vehicle Warning
- Dynamic Traffic Light Management
- Pedestrian & Cyclist Safety
- Emergency Vehicle Warning
- Hazard/Stopped Vehicle Detection
- Highly Reflective Markings
- Intelligent Signage

2022 - 2026

Horizon 2



Increased AV prioritisation and value-adding use-cases for private fleet AV's and public transit for increased fluidity. Connectivity enabled in-vehicle services focused on safety, convenience and entertainment.

- Road Charging
- Enhanced Sensorisation
- Platooning
- Vulnerable Users Extended Information
- Virtual Emergency Lanes
- Public Transit Prioritisation
- Car Sharing Pick-Up & Drop Off

2026 - FUTURE

Horizon 3



Fully refined the corridor will deliver fully orchestrated, dynamic traffic management for all vehicles across urban and inter-urban domains to maximize capacity, fluidity and flexibility without the need for additional construction.

- Maximised & Dynamic Capacity
- Fully Orchestrated Corridor
- Congestion Zone Control
- Urban Air Mobility
- Multimodal Network Control
- Travel time Optimisation
- City Level Coordination