

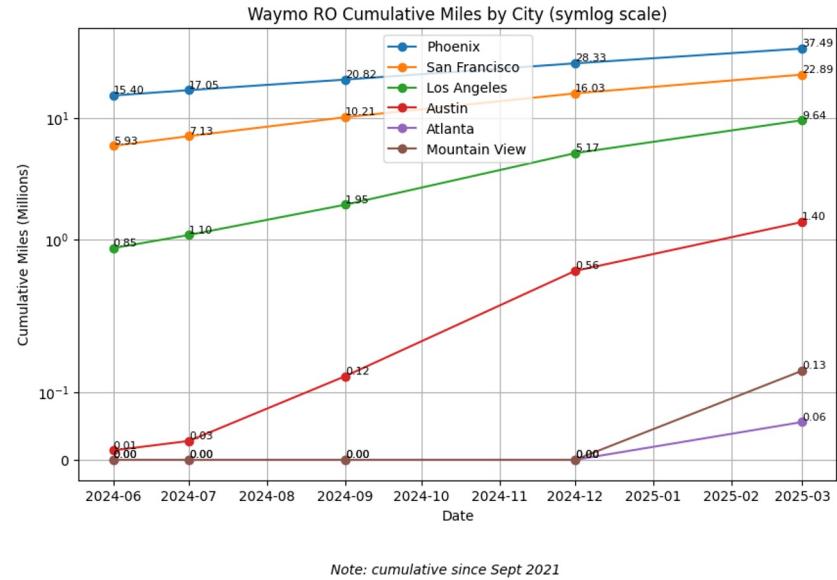
LA28 – Risk-Based AV Deployment Concept

- **Motivation:** Manage the surge in LA28 travel demand and public scrutiny by using a risk-based approach to decide where and how AVs should operate.
- **Goal:** Use the GIRS CoE AV safety framework and existing AV data (Waymo, NHTSA SGO, DMV) to design a corridor-level AV deployment concept linking venues, the athletes' village, and major hotel/tourist clusters
- **Outcomes:** A shortlist of candidate AV corridors with defined ODD guardrails, a minimal data and reporting package for LA28 AV operators, and a scoped next-phase work plan to make the deployment concept actionable by 2028.

LA28 – Data & Corridors

- Corridor focus**
 - Venues ↔ athletes' village
 - Venues ↔ major hotel / tourist / transit hubs
- AV safety data we can use**
 - Waymo + NHTSA SGO crashes with approximate location fields
 - DMV AV disengagement and collision data with conditions + narratives
- City data to add**
 - LA crash / injury data by corridor & intersection
 - Expected LA28 demand along those corridors
- Idea:** rank corridors by **baseline risk + AV performance** to flag green / yellow / red AV zones

Incident Date	The date the crash occurred.	Date	MM/DD/YYYY where MM is the month, DD is the day, and YYYY is the year.	September 7, 2024	N/A
Location Address / Description	The description of the location of the crash.	String	Examples are descriptions of cross streets, addresses, or other locations.	September 7, 2024	N/A
Zip Code	The zip code of the location of the crash.	Integer	5-digit zip code. Blank indicates missing value. Zip code is not reported for events reported after June 2025.	September 7, 2024	September 16, 2025



...	Location	Crash Count
0	AUSTIN	25
1	LOS_ANGELES	124
2	MOUNTAIN_VIEW	2
3	PHOENIX	258
4	SAN_FRANCISCO	419

LA28- Prospective Timeline

Phase 1 – Scoping & baselines (near term)

- Map candidate LA28 corridors; build human-driven crash baselines and demand profiles.

Phase 2 – AV data integration (mid term)

- Overlay Waymo / SGO / DMV AV data on those corridors.
- Identify safer vs higher-risk operating envelopes (time of day, weather, VRU hotspots).

Phase 3 – Deployment concept (pre-Games)

- Propose ODD guardrails + data/reporting package for AV operators.
- Sketch a simple monitoring dashboard concept for during the Games.