GOMENTUM STATION

More than an automated vehicle proving ground, it is the nexus of an automated vehicle safety ecosystem.

Test Facility Features

GoMentum Station is one of the largest **automated vehicle** proving grounds in the United States. Strategically and conveniently located near Silicon Valley, the epicenter of automated driving technology development, GoMentum Station offers multiple dynamic environments for real-world connected and automated vehicle testing in a safe and closed-course setting.

19 miles of roadways

48 intersections

5 distinct testing zones

Urban City A
Urban City B
Kinne Blvd.
Bunker City A
Bunker City B

BAILEY RD
KINNE BLVD (SECTOR ?)
BUNKER CITY
CONCORD
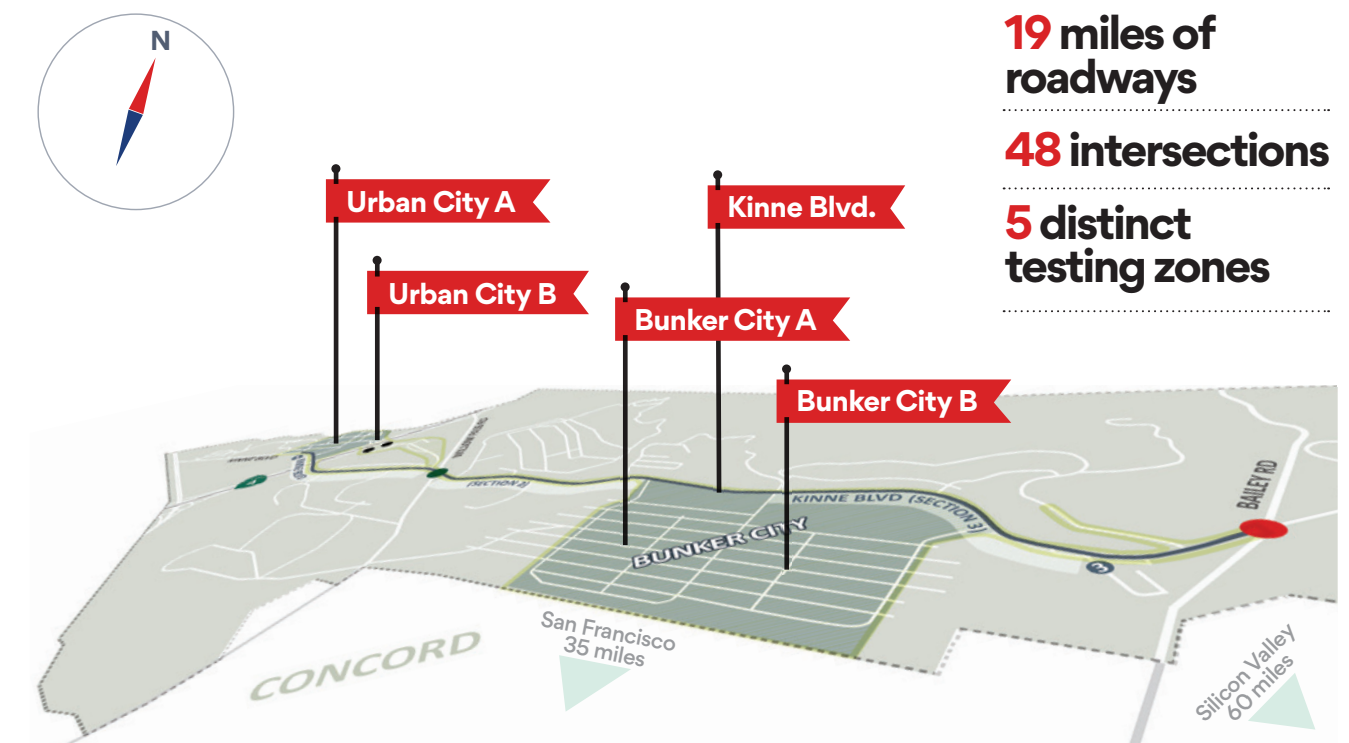San Francisco 35 miles
Silicon Valley 60 miles

GoMentum Station Benefits

Convenient: Just 35 miles from San Francisco, GoMentum Station enables agile work plans

Secure: With guards at all entrances, no unauthorized personnel are allowed

Versatile: With a variety of man-made and natural features, vehicles are subjected to real world obstacles and scenarios

Private: With 2,100 acres and 5 distinct testing zones available, vehicles can be run without any interference

Validated: Leading auto OEM and mobility companies have been testing at GoMentum Station since 2015

Consultative: GoMentum Station works with customers to determine and prioritize track build-out to satisfy their needs

Equipment

Traffic lights

Traffic signs and road work equipment

Pedestrian, deer and bicyclist targets

Amenities

Internet connectivity

Garage, office and meeting spaces

Event space for up to 50

Location

35 miles from San Francisco

60 miles from Silicon Valley

GOMENTUM STATION

With a portfolio of features to design scenarios, **GoMentum Station** offers a robust environment for repeatable and customizable testing.

LANE VARIETY

1. Two-into-one lane merge

2. One to three lane roads (10 to 30 ft wide)

3. Bi-directional and unidirectional lanes

4. Bike lanes

ROADWAY INFRASTRUCTURE

5. Over-passes and railroad tracks

6. Grid system similar to city blocks

7. Two 600 ft. tunnels for sensor and communication testing

8. Parking lot doubles as a low speed vehicle dynamics area

TRAFFIC CONTROL

9. No left/right turn intersections

10. Residential traffic circle

11. Programmable traffic lights

12. Pedestrian crosswalks

GoMentum Station offers automated vehicle (AV) safety testing services including test plan development, equipment rental, engineering support, and results analysis. We support AV developers' testing needs while offering end-to-end testing services. Let's discuss the right level of service for you and your team.

GOMENTUM STATION

We Help AV Developers

Validate Simulations: close the loop from virtual world to real-world

Demonstrate SOTIF: verify AV's safety in a controlled environment

Recreate Critical Scenarios: stress test corner cases in a zero-risk setting

Authenticate New Feature Introduction: perform verification on software updates before testing on public roads

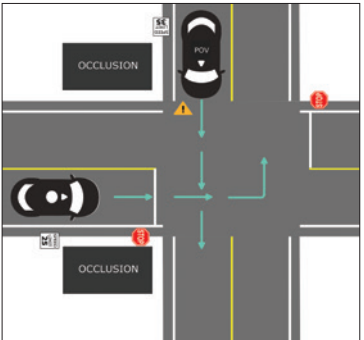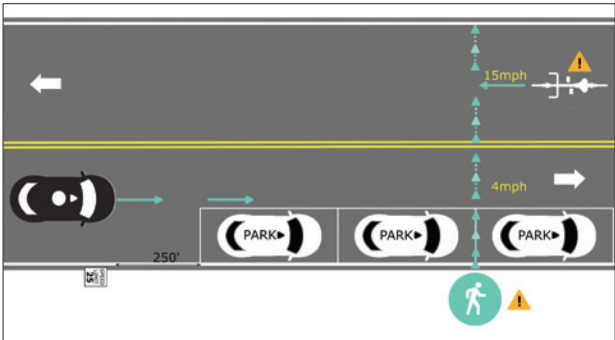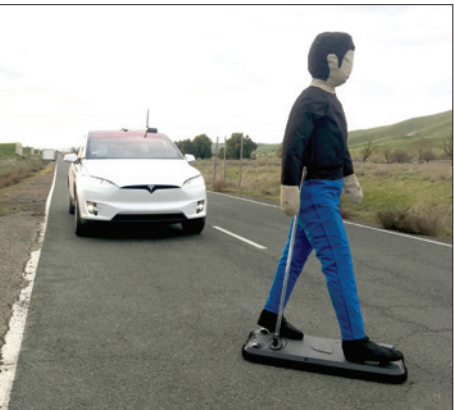## Perfect for:

Passenger Car

Delivery Vehicle

Low-speed Shuttle

Testing Program

We work closely with AV developers to design customized test plans which can be executed right here at GoMentum Station.

We tailor our offering based on customers' needs, from supporting your in-house testing team, to performing entire test operations: scenario setup, AV instrumentation, and test execution.

Customers receive a detailed report and access to a secure and confidential online portal to view all test results including videos and expert analysis.

Available Equipment

- Belt-driven platform system
- Pedestrian and animal targets
- RT-Range, RT-3000 and RTK base station … and many others

GOMENTUM STATION

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