True Near-Miss Detection

⬤ DATA TYPE

- Forward Collision Alert
- Pedestrian Collision Mitigation Alert
- Automatic Pedestrian Braking
- Automatic Emergency Braking

Vulnerable road user index

22x
20x
18x
16x
14x
12x
10x
8x
6x
4x
2x
0x

Vehicle exceeding speed limit +10mph

100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%

No Data

··· FRC 2-5

PLEASANTON
T r u e   N e a r - M i s s   S t u d y

True Near-Miss Detection displays data from connected vehicles equipped with Advanced Driver Assist Systems (ADAS). Sensors and onboard control systems detect and classify objects, determine the risk of a collision, and act to either alert the driver or automatically apply the brakes.

True Near-Misses are classified as follows:

- Collision Warnings: An alert was triggered, and the object is either a pedestrian or a vehicle
- Automatic Braking: The calculated risk warranted an intervention, and braking action was taken to reduce the severity of a collision

True Near Miss is currently displayed on all road classifications. The City of Pleasanton will only focus on city-owned right-of-way for their safety plan.

VRU Index is a dataset that identifies the presence of Vulnerable Road Users (VRUs) using location-based data. This data is represented as an index, meaning the relative value of an area compared to the overall region.

Speed Distribution Profile (SDP) uses observed speeds to provide true historical average speeds. The map currently displays the percent of observed speeds that are 10 mph+ the posted speed limit.

All data displayed is from Q1 2023