

SPOTLIGHT ON: TRAFFIC SIGNS

The City of Livermore owns and manages **12,450 traffic signs**. Traffic signs play a critical role in traffic control. The main purpose of traffic signs is to regulate, warn, and guide drivers and to increase traffic safety.

All together, the City's traffic signs and related components are worth over \$3.6 million. Each sign is replaced on a 12-year schedule, or more frequently if damaged. City staff manufacture traffic signs in-house, using recycled aluminum blanks and vinyl decals cut to State specifications.

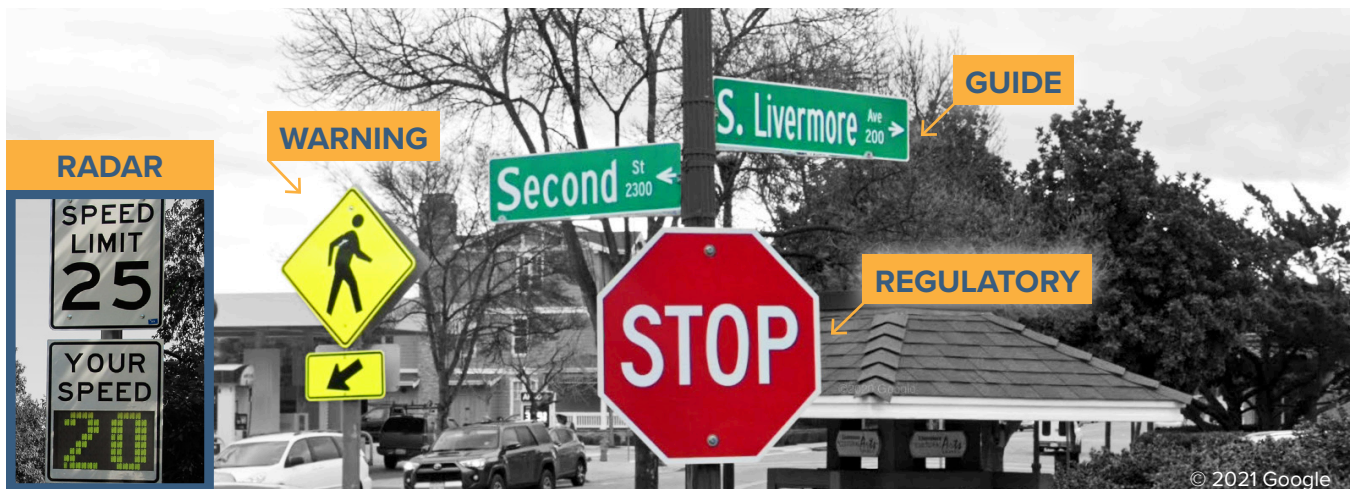
Currently, traffic signs have an **Asset Health grade of A**. This tells us that traffic signs are generally in good condition. There is sufficient budget now and anticipated in the future for repair and replacement activities.

Quick Facts

Number of Traffic Signs:	12,450
Asset Components:	23,945
Total Replacement Cost:	\$3.6M
Asset Health Grade:	A
Funding Gap:	None

Types of Traffic Signs

The City designates each traffic sign and each sign post as separate asset components. **There are four main types of traffic signs:** regulatory, warning, guide, and radar speed signs. Typically, regulatory signs are red and white, warning signs are yellow and diamond shaped, and guide signs are rectangular. Radar speed signs vary in shape to indicate a driver's speed. Other signage including monuments, entry signs, and parks signs are not included in this analysis.





Asset Health

The City evaluates traffic signs differently from other asset classes. Because traffic signs do not contain as many complex components, it isn't necessary to apply the Probability of Failure and Consequence of Failure equations used for other types of assets.

Starting in 2006, the City began a blanket replacement program for all street signs, switching all old signs with longer-lasting materials. The City now uses a hybrid program to replace signs, completing blanket replacement on a set schedule as well as using a retroreflectorimeter to determine if a sign needs replacing outside the set schedule based on condition.



The Road Ahead

With the introduction of higher-quality reflective materials, new traffic signs are lasting much longer. Signs are made inhouse, which is less expensive than outsourcing and results in higher quality products. Because of this, the City's current budget is sufficient to maintain these assets into the future.

Available Funding:
\$205k/year

