

Public Engagement Core Concepts

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What do residents need to know about infrastructure?

- ▶ Awareness of the issue/problem
- ▶ Understanding the costs of maintaining infrastructure
- ▶ This process is going to be transparent and based on data
- ▶ There are tough choices to be made, and additional personal responsibility will be involved
- ▶ Livermore is taking a unique approach to solving this problem
- ▶ Proactive Planning for the future
- ▶ Other items

Public Education & Engagement Mission Statement

The goal of the public education and engagement efforts for the asset management program is to **foster a sense of ownership and shared responsibility** among the residents, businesses, and property owners in Livermore for the ongoing maintenance, renewal, and replacement of our infrastructure.

Public Education & Engagement Mission Statement

- ▶ Engender faith in the asset management planning approach and asset management program transparency.
- ▶ Encourage an understanding of the issues and costs involved.
- ▶ Foster the realization that difficult choices will need to be made regarding how the City maintains our assets on behalf of the residents, businesses, and property owners.
- ▶ Inform City leadership on the community's level of interest in and importance placed on the various services provided to the residents through infrastructure assets.
- ▶ Inform City leadership on the likelihood of consensus among the community for tough policy choices that will need to be made.

Cross-Asset Prioritization

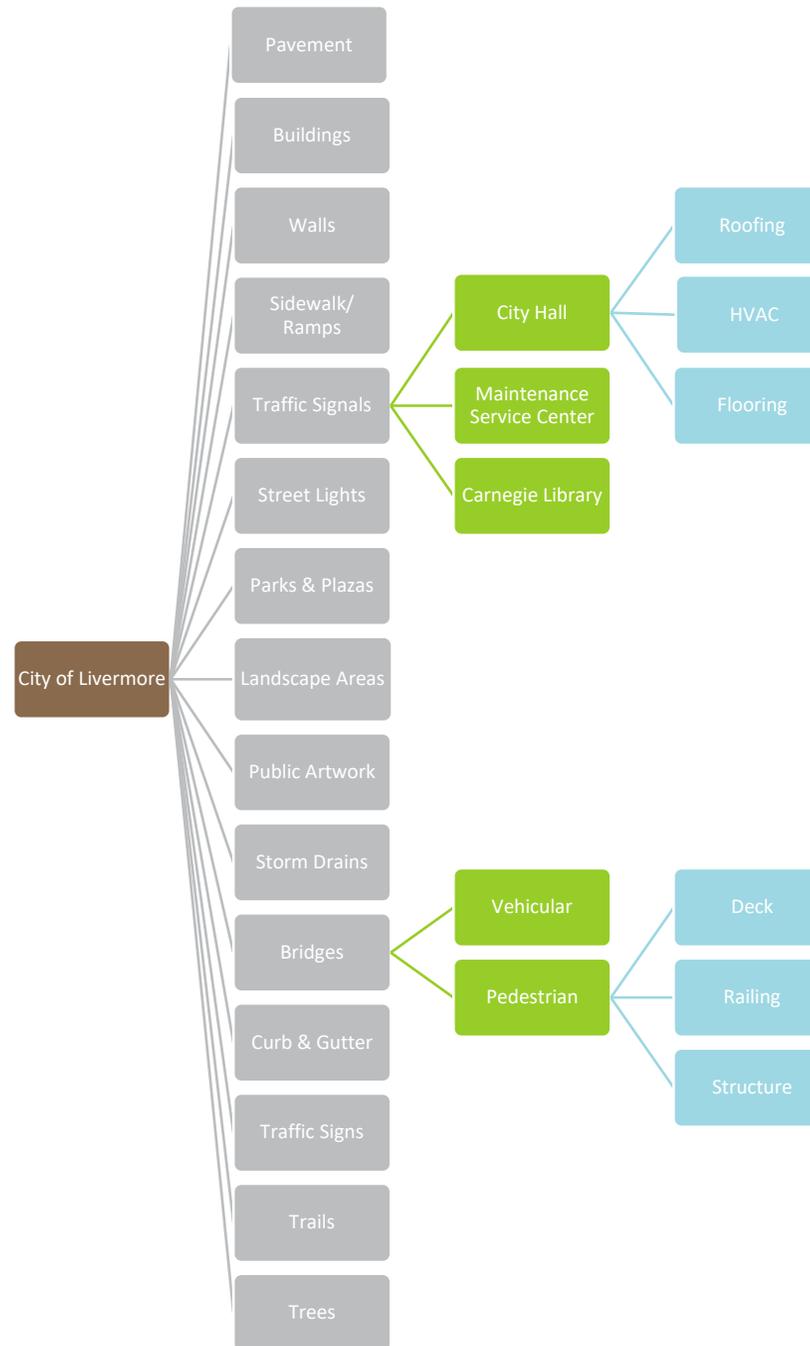
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Goals + Methodology

- Goal
 - To effectively prioritize assets across multiple asset management systems (e.g., pavement, parks, buildings, sidewalk, trees) utilizing a consistent and transparent process
- Methodology
 - Multi-tiered Weighting

Methodology

- Prioritization by
 - System
 - Location/Facility
 - Asset



Prioritization by System

AM System	Priority
Pavement	High
Buildings	Medium
Walls	Low
Sidewalk / Ramps	Medium
Traffic Signals	High
Street Lights	High
Parks & Plazas	Medium
Landscaped Areas	Low
Public Artwork	Low
Storm Drains	High
Bridges	High
Curb/Gutter	High
Traffic Signs	High
Trails	Medium
Trees	Low

Infrastructure Report Card

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State of Infrastructure Rating Criteria

- Objective: To establish a representative rating for each asset management system
 - A, B, C, D, or F
 - Green, Yellow, or Red
 - 0 to 100 score
- Two scores: Physical health & Financial health
 - Physical health
 - Based on Condition $\frac{\text{Sum of Condition 4 \& 5 Replacement Cost}}{\text{Sum of All Replacement Cost}}$
 - Based on Risk $\frac{\text{Sum of Red Zone Asset Replacement Cost}}{\text{Sum of All Replacement Cost}}$
 - Financial health
 - “Catch Up” $\frac{\text{Current Replacement Funding}}{\text{Sum of Red Zone Asset Replacement Cost}}$
 - “Keep Up” $\frac{\text{Current Annual Replacement Funding}}{\text{Projected Annual Replacement Needs}}$

State of Infrastructure Rating Criteria

- Rating criteria examples

	A	B	C	D	F
Condition	≤5%	≤10%	≤20%	≤30%	>30%
Red Zone	≤5%	≤10%	≤15%	≤20%	>20%
Catch Up	≥95%	≥90%	≥80%	≥70%	<70%
Keep Up	≥85%	≥75%	≥65%	≥55%	<55%

Condition	≤10%	≤30%	>30%
Red Zone	≤5%	≤15%	>15%
Catch Up	≥90%	≥70%	<70%
Keep Up	≥75%	≥55%	<55%