

# 2021 State Highway System Management Plan (SHSMP)

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# What is the State Highway System Management Plan?

- **10 Year Performance-based asset management plan**
  - Updated every 2 years
- **Unconstrained system needs**
  - Defines the need for the State Highway System
- **Constrained Investment Plan**
  - Defines how available SHOPP dollars are utilized
- **Performance Expectations**
  - What performance can be expected with available funding



# The 2021 SHSMP Spans 10 Years



# Inventory and Condition Summaries

Performance Objective	Inventory	Good	Fair	Poor	
<b>Primary Asset Classes</b>					
Pavement	49,672 Lane Miles	57.0%	42.0%	1.0%	
Bridges and Tunnels	251,703,052 Square Feet	54.1%	42.5%	3.5%	
Drainage	22,402,404 Linear Feet	74.0%	16.7%	9.3%	
Transportation Management Systems	20,816 Each	71.1%	N/A	28.9%	
<b>Supplementary Asset Classes</b>					
Drainage Pump Plants	288 Each	15.3%	34.4%	50.3%	
Highway Lighting	94,745 Each	37.9%	15.3%	46.7%	
Office Buildings	2,669,524 Square Feet	43.6%	28.9%	27.6%	
Overhead Sign Structures	16,433 Each	57.3%	35.5%	7.1%	
Safety Roadside Rest Areas	86 Locations	36.0%	36.0%	27.9%	
Transportation Related Facilities	4,382,000 Square Feet	22.8%	17.6%	59.6%	
Weigh in Motion Scales	140 Stations	44.3%	17.9%	37.9%	

# New Additions for the 2021 SHSMP

- Reimagined SHOPP Safety programs
  - Implements performance management for safety
  - Defines proactive and reactive safety programs
- Incorporation of bike and pedestrian needs and investments
  - Initial asset inventory
  - Funding to maintain and build new bike and pedestrian elements
- Sea Level Rise mitigation cost estimates
  - Quantification and cost estimates to start a funding conversation
- More transparent presentation of performance

# SHOPP Analysis Summary

Unconstrained  
Need

\$110 Billion

10-Year  
Funding

\$49.3 Billion

Percent of  
Needs Funded

~45%

# Review Process and Next Steps

- Draft 1 - Caltrans internal review ~ 200 comments
- Draft 2 - External Partner comments ~ 90 comments
- Draft 3 – To CTC for comments – Comments to be received in March

## Next Steps

- March – May – Plan revisions to address comments as applicable
- June – Plan is transmitted to the Governor and Legislative Members