

# Local Transportation Infrastructure Climate Adaptation Project Program Guideline Development



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# Objective

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The Local Transportation Infrastructure Climate Adaptation Project (LTICAP) Program created by Senate Bill 198 (Chapter 71, Statutes of 2022) provides funding to local agencies for the development and implementation of transportation infrastructure projects that are intended to adapt to the changing climate. (Government Code Section 14564)

# Project Criteria

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## Projects must:

- Increase climate resiliency and protect at-risk transportation infrastructure
- Be consistent with state, regional or local climate adaptation plans.
- Include outreach to under-resourced and vulnerable communities related to the proposed project.
- Incorporate environmental equity, protect vulnerable and under-resourced communities, and provide meaningful benefits to underserved communities

# Eligible Agencies

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- Transportation Planning Agency
- County Transportation Commission
- Regional Transportation Agency
- Joint Powers Authority\*
- Local Transportation Authority
- The Santa Clara Valley Transportation Authority
- City, County or a City and County
- Federally Recognized Native American Tribe

\*per Government Code Section 6500 with the consent of the transportation planning agency/county transportation commission

# Eligible Facilities

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- Highways
- Public Transportation facilities
- Ports

# Project Types

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- Resilience improvement – improve infrastructure to withstand one or more elements of weather or natural disaster
  - Resurfacing, restoring, rehabilitating, reconstructing, replacing, or realigning an existing facility
  - Relocating roadways in a base floodplain
  - Stabilizing slide areas or slopes
  - Using vegetative management practices to improve roadway safety, facilitate wildfire control, and provide erosion control

# Project Types, continued

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- Community resilience and evacuation routes – strengthen and protect evacuation routes that essential during emergency events.
  - Expanding the capacity of evacuation routes
  - Constructing new or redundant evacuation routes
  - Acquiring evacuation routes or traffic incident management equipment

# Project Types, continued

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- At-Risk coastal infrastructure – address impacts of weather, natural disasters, or conditions such as sea-level rising, coastal flooding, wave action, and coastal erosion in order to improve transportation and public safety and reduce costs by avoiding large future maintenance or rebuilding costs.
  - Strengthening, stabilizing, hardening, elevating, relocating, and enhancing resilience of highways and non-rail infrastructure.
    - Non-rail infrastructure includes pedestrian walkways, bicycle lanes, ports, and public transportation.



# Prioritization Factors

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- Degree of risk of reoccurring damage or failure to the asset
- Preserving or enhancing regional or statewide mobility economy and safety and other benefits
- Preserving and protecting adjacent communities the environment and other critical infrastructure
- Degree of which the project incorporates environmental equity

# Additional Prioritization

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- Reducing greenhouse gas emissions
- Reducing vehicle miles traveled

# Project Requirements

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- Developed through multi-stakeholder process
- Aligned with state and local strategies for adapting to climate change
- Consistent with the California State Adaptation Strategy and any relevant climate action plan
- Consistent with applicable sustainable community strategy

# Funding

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## State and Federal Funds

- State General Fund - \$148 million must be allocated by June 2024
- PROTECT - \$250 million (over a five years beginning in FFY 2022)

## Eligibility

- All phases of capital projects (PA&ED, PS&E, RW, Construction Capital)

# Funding Requirements

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## Federal Funds

- 2% Set-a-side - Planning Activities
- 40% Maximum - New Construction
- 10% Maximum – Preconstruction Activities
- 20% Match Requirement with exceptions
- 40% Goal - Directed to Federal DACs (Justice40)

# Program Requirements

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## Commission:

- Must consider climate equity across the State and adaptation strategies that benefit adaptation efforts for each cycle.
- Authorize the use of natural infrastructure to address climate adaptation.
- Coordinate with other State agencies that administer climate funding programs.

# Areas of Discussion

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- Stakeholder input/feedback



# Areas of Discussion - Cycles

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## Programming Cycles

- Cycle 1

	Cycle 1 - 2023		Available for Programming
	FFY 2022	FFY 2023	
<b>Federal - PROTECT</b>	\$ 48,520,000	\$ 49,520,000	<b>\$ 98,040,000</b>
<b>State - General Fund</b>	\$ 148,000,000	\$ -	<b>\$ 148,000,000</b>
	<b>\$ 196,520,600</b>	<b>\$ 49,520,600</b>	<b>\$ 246,040,000</b>



# Areas of Discussion – Cycles, continued



## Programming Cycles

- Proposed Subsequent Cycles

	Cycle 2 - 2025		Available for Programming
	FFY 2024	FFY 2025	
<b>Federal - PROTECT</b>	\$ 50,480,000	\$ 51,520,000	\$ 102,000,000
<b>State - General Fund</b>	\$ -	\$ -	\$ -
	\$ 50,480,000	\$ 51,520,600	\$ 102,060,000

# Areas of Discussion – Cycles, continued



## Programming Cycles

- Proposed Subsequent Cycles

	<b>Cycle 3 - 2027 FFY 2026</b>	<b>Available for Programming</b>
<b>Federal - PROTECT</b>	\$ 52,520,000	\$ 52,520,000
<b>State - General Fund</b>	\$ -	\$ -
	\$ 52,520,600	\$ 52,520,000

# Areas of Discussion - Match

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- Minimum 20%
  - Higher?
- What is an allowable match?
  - Fund source
- Allowable costs?



# Areas of Discussion

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- Aligning the state and federal programs
  - Follow the same funding restrictions
- Requiring all projects to be federalized
- 50% of PROTECT funds transferrable to other FHWA programs
- Construction ready projects

# Areas of Discussion, continued

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- Early coordination with State Climate Adaptation Program
- Reporting – Use of Accountability and Transparency Guidelines
- Project examples

# 2023 Cycle Timeline

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## Tentative Schedule

- Guideline Development Workshop 1 – October 13, 2022
- Guideline Development Workshop 2 – October 25 or 27, 2022
- Draft Program Guideline Workshop – November 3, 2022
- Draft Program Guidelines presented to Commission – December 7 – 8, 2022
- Adoption of Program Guidelines – January 25 – 26, 2023
- Call for Projects – January 25 – 26, 2023
- Project Nominations due – April 7, 2023
- Staff Recommendations Released – June 8, 2023
- Program of Projects Adoption – June 28 - 29, 2023

# Thank You

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## More Information

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