


Local Highway Safety Improvement Program (HSIP)

For Metro Presentation from Oct 21 to 24 2019



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Local HSIP Program

Outlines:

Local Highway Safety Improvement Program (HSIP)

- Introduce the HSIP program/purpose/eligibility
- Review of HSIP Cycle 9 Call-for-Projects (May 2018)
- HSIP project delivery on RFA extension/Scope Change/Cost Adjustment
- Snapshot for LRSP Call-for-Projects: Mini-SHSP (Oct 2019)
- HSIP Cycle 10 Call-for-Projects, what to expect?(April 2020)

Local HSIP Program

Highway Safety Improvement Program (HSIP)

- 23 United States Code (USC) 148; 23 Code of Federal Regulations (CFR) Parts 924 and 490.
- The purpose of the HSIP program is "to achieve a significant reduction in traffic fatalities and serious injuries on all public roads, including non-State-owned public roads and roads on tribal land." (23 USC § 148 (b)(2))
- HSIP projects:
 - Addressing challenging issues in CA SHSP
 - Targeting locations with high collisions or challenging issues in local networks
 - Reducing fatalities and serious injuries with effective CMs listed in LRSM
 - Data-Driven: proposed through a collision data analysis with a high BCR (HSIP Analyzer), and MUTCD if for CM NS3
 - Systemic (set-asides)

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Local HSIP

Eligible Applicants unless Red Flagged or under Audit

Any local agency that owns, operates, and maintains the public roadways

- City and County agencies
- Tribal Governments
- Others (reviewed on a case-by-case basis)

Eligible Projects:

Improving traffic safety on publicly owned roadway or bicycle/pedestrian pathway

- Projects that can be delivered quickly and have minimal ROW and Environmental impacts are preferred
- Work must be tied to the proposed CMs or matches the set-aside requirement if a projects is a set-aside

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HSIP Cycle 9 Call-for-Projects

- Four months for preparing and submitting the applications: 4/30/18 to 8/31/18;
- Funding: \$180 million in Federal HSIP Funds;
- Application Categories:
 - Benefit Cost Ratio (BCR): \$145 million.
Majority of funding; Minimum BCR for submittal: 3.5.
 - Set-asides (SA): BCR not required; \$35 million.
Guardrail Upgrade/Pedestrian Crossing Enhancements/Horizontal Curve Signing/Tribes.

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HSIP Cycle 9 Call-for-Projects

Category	BCR		Set-asides		All	
	App.	s(M)	App.	s(M)	App.	s(M)
Submitted	265	\$382.3	86	\$36.1	351	\$418.4
Selected	139	\$149.1	82	\$32.7	221	\$181.8
Selected /Submitted	52.5%	39.0%	95.3%	90.1%	63.0%	43.5%

- BCR Applications:
 - Average BCR: 9.8; BCR Range: 0.5 to 143.6;
 - BCR cutoff for being funded: 7.5;
 - Average BCR of selected applications: 15.5.
- Set-aside applications:
 - 82 out of 86 funded. 4 unfunded due to ineligible work.

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HSIP Cycle 9 Call-for-Projects


Types of Projects:

Intersection Improvements:

- New signals: 11 locations
- Converting signal to master arm: 23 locations
- Roundabouts: 2 locations
- Signing/markings upgrades: 307 locations

Ped/Bike Safety Improvements:

- 463 -Ped Countdown heads
- 23 -Hybrid Beacons (HAWKS)
- 53 -New Crosswalks
- 54 -Rectangular Flashing Beacons
- 215 - Leading Pedestrian Intervals
- 1,221 - Signing and marking enhancement at existing crosswalks



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HSIP Project Delivery 2 Milestones

09/30, is the PE-RFA due date, is ~ 9.5 months after a HSIP project is initially approved and posted in DLA website for any HSIP Project Cycle.

09/30, is also the con-rfa due date, which is exactly 2 years after a HSIP Project' PE due date.

Exceptions?

- Not a project responding to a regular HSIP call-for-projects, such as a LRSP or a SSARP project.
- Stated explicitly in the application but differs with the 9/30 due date mentioned above (Watching out, HSIP would hold you responsible!)



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Incentives for On-time Delivery


Simple Math

$$FF = SF + LF$$

$$200M = 200M - X + X$$

X ~ = \$50M @ 2014/15 FY
 X ~ = \$81 M @ 2018/19 FY

X ~ = \$120M with on-time delivery
 but
 slow project delivery in local HSIP forces X to be ~ < \$80M



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HSIP RFA Extension Request

- Must contact Chief Dale Benson first
- Must be the 1st time because an RFA Extension is a one-time-drop-dead extension because HSIP can assign the funding resource to other on-going or future projects needing this support
- For extending a con-RFA date going beyond 5-yr after the initial project approval date, the agency must petition the HSIP Advisory Committee by attending the approaching bi-month committee meeting held in Sacramento

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Scope/Cost Adjustment

- Must contact Chief Dale Benson or the DLAE first
- Must be one-time and no more unless CAMP FIRE took place in Paradise
- Minor scope change (adding a few items, must relate to a listed CM, Incidental but not Intentional)
- Substantial Scope Change: (1) foot-print change, and (2) new CMs to be added, or (3) both. Under these circumstances, a new, signed and stamped BCR is needed along with collision data and new collision diagrams supporting these changes. This BCR for an added CM must **EXCEED** the cut-off BCR for selecting safety projects in the most recent HSIP Cycle.
- If only requesting cost adjustment $\geq 100K$ or $\geq 25\%$ of the project cost in HSIP record, the agency needs to re-submit Dale a new BCR for the request

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How does HSIP Help you to Deliver?

- Do7 Local Assistance will Send you reminders few months ahead of the due date.
- Do7 local assistance professionals will help you to prepare the RFAs or new BCRs when needed
- HSIP will help you to deliver by adding additional post-programing support in case that the bid cost for implementing the CMs proposed in the project application increases
- HSIP is announcing a LRSP call-for-project this or next month

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Why LRSP?

- LRSP, a mini-SHSP, responds to the ongoing CA SHSP, which was set up to support the Federal's HSIP. This LRSP includes 5 SPMs included in the CA-SHSP established by the SAFETY PM FINAL RULE.
- LRSP will get the local agency's top level administration involved, emphasizing the top priority of the safety project delivery
- Help the agency to coordinate the safety improvement efforts with strategic partnership with other local agencies.
- LRSP will help to do public outreach, increasing the public awareness of ongoing local safety concerns
- LRSP will help the agency to implement and evaluate the safety projects

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What is LRSP about in Details?

- LTAP will be providing LRSP training on an as needed basis.
- Currently have two LRSP classes scheduled (month/yr).
 - November 2019 - CSUS
 - February 2020 - Camarillo
- Look for registration through LTAP on the classes

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LRSP Funding

- **\$80,000 will be available for each Plan**
 - \$72,000 LRSP funds
 - \$8,000 Local Funds
- Additional funds may be added if agency wants more details/ analysis added to the plan such as safety project scoping, etc (like the SSAR)
- A call for LRSP funding will go out October 1



HSIP Cycle 10 Call-For-Projects

It will be announced in April 2020

Set-asides: Ped/Bike Crossing Enhancement, Tribal, and Guardrail upgrade may continue.

Cut-off BCR is expected to be high, likely to be around 9.0 (not for the set-asides).

This HSIP call-for-projects goes on with a 2-yr cycle, if not ready, you can apply for funding the next cycle



Please visit:

<https://dot.ca.gov/programs/local-assistance/fed-and-state-programs/highway-safety-improvement-program>
