

Summary of Local HSIP Cycle 12 Projects

Division of Local Assistance

Project Selection Criteria: All proposed projects, except set aside projects, are evaluated based on the Benefit/Cost Ratios (BCRs). All completed applications are prioritized in descending order by the BCRs. Projects with the highest BCRs are selected for funding and a cutoff line is established when the available HSIP funding capacity is reached. All project's related costs including support are included in the calculation. No more than 25% of HSIP funds are dedicated to set aside applications. For Cycle 12, 17.9% of HSIP funds are being used for the four funding Set-asides: Pedestrian Crossing Enhancements, Guardrail Upgrade, Installing Edgelines, and Bike Safety Improvements.

Applications received:

- Number of applications received: 330;
- Number of local agencies who submitted applications: 165;
- Total HSIP funds requested by all applications: \$398.7 million.

Applications selected for funding:

- Number of applications selected for funding: 288 or 87%;
- Number of local agencies with projects selected for funding: 153;
- Total HSIP funds for the selected applications: \$299.6 million.
- Out of the 288 applications selected for funding,
 - 153 applications, totaling \$245.9 million of HSIP funds, were selected based on their Benefit Cost Ratios (BCRs). The BCR cutoff for an application to be selected for funding is 7.0. The average BCR of the selected applications is 28.0;
 - 135 applications, totaling \$53.7 million of HSIP funds, were selected for funding under the set-asides for Pedestrian Crossing Enhancements, Guardrail Upgrade, Installing Edgelines and Bike Safety Improvements.
 - 152 applications (52.8%), totaling \$200.3 million of HSIP funds (66.9%), are within Disadvantaged Community (DAC) vicinities (Note: a project is considered within DAC vicinities if the applicant has DAC's within its boundaries, though the project locations may not be in a DAC).

Types of safety projects include but are not limited to:

- Safety improvements at signalized and non-signalized intersections:
 - New signals: 11;
 - Signal hardware improvements: 1,420 intersections;
 - Install/upgrade signs at non-signalized intersections: 101 intersections;
 - Install/upgrade intersection pavement markings: 245 intersections;
 - Signal timing improvement: 218 intersections;

- Providing left-turn phases/lanes or other left turn improvements: 90 intersections;
- Install lighting: 101 intersections;
- Install flashing beacons: 63 intersections;
- Installing median island approaches: 14 intersections;
- Friction improvements: 65 intersections;
- Converting signals from pedestal mounting to master arm: 30 intersections;
- Improving sight distance: 184 intersections; and
- Roundabouts: 13 intersections.

➤ **Pedestrian/bike projects:**

- Pedestrian hybrid beacons: 18 intersections;
- Pedestrian countdown signal heads: 302 intersections;
- Leading Pedestrian Interval (LPI) implementation: 791 intersections;
- Bike lanes: 85.9 miles and Separated/buffered bike lanes 6.5 miles;
- New sidewalk: 9.9 miles;
- Install raised medians/refuge islands: 53 intersections;
- Other safety enhancements of pedestrian crossings such as installing Rectangular Rapid Flashing Beacon (RRFB), installing advance stop bar, etc.: 704 locations.

➤ **Roadway safety improvements**

- Curve/speed warning signing: 75 miles;
- Install/upgrade signs with new fluorescent sheeting: 1,618 miles;
- High Friction Surface Treatment (HFST) installation: 39 miles;
- Rumble strips/stripes: 18 miles;
- Install edge/center lines: 188.6 miles;
- Install new guardrail or guardrail upgrades: 19.4 miles;
- Install roadway lighting: 18 miles; and
- Install delineators, reflectors and/or object markers: 138.0 miles.

The below table provides a summary of HSIP Cycle 12 Funding Distribution by Caltrans Districts.

HSIP Cycle 12 Funding Distribution

Caltrans District	Number of Projects	HSIP Funds (\$ million)
1	11	\$5.1
2	1	\$5.3
3	28	\$26.0
4	59	\$52.0
5	23	\$18.8
6	31	\$35.5
7	46	\$55.6
8	40	\$45.6
9	8	\$7.2
10	13	\$17.9
11	14	\$14.1
12	14	\$16.4
Total	288	\$299.6