

ATP Cycle IV Grant Applications – HAWK & Traffic Signal Improvements; Pedestrian Target Hardening Plan

Public Works Department

City Council
July 24, 2018

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ATP CYCLE IV TRAFFIC SIGNAL PROJECTS

1. Installation of HAWK Signals at the following locations:
 - a. City College Drive west of Olivewood Avenue (adjacent to RCC campus/parking lots); and
 - b. Madison Street at Freda Avenue (Casa Blanca area).



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ATP CYCLE IV – TRAFFIC SIGNAL PROJECTS

2. Installation of Traffic Signals at the intersections of:

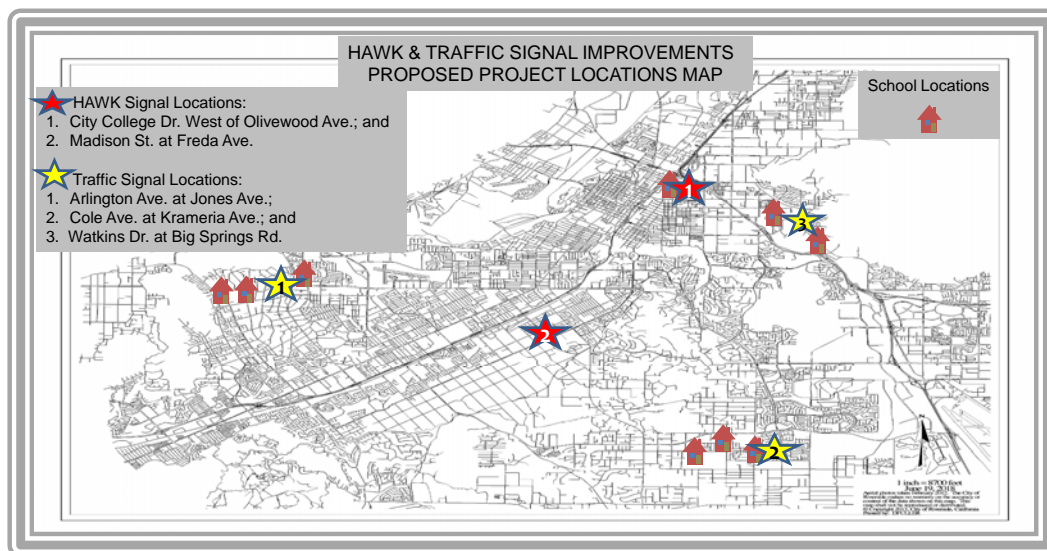
- a. Arlington Avenue at Jones Avenue (near Rosemary Kennedy Elementary, Loma Vista Middle, and Norte Vista High Schools);
- b. Cole Avenue at Krameria Avenue (adjacent to Mark Twain Elementary; near Frank Miller Middle and MLK High Schools); and
- c. Watkins Drive at Big Springs Road (near Riverside STEM Academy, UCR, and area student housing).



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PROPOSED PROJECT LOCATION MAP

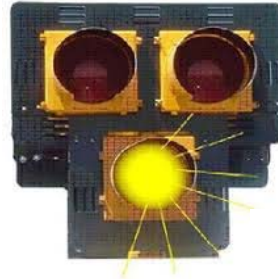


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HAWK SIGNALS



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PROPOSED PROJECT BENEFITS: TRAFFIC SIGNALS

1. HAWK Signals would significantly enhance safety for RCC students, pedestrians, and cyclists at select existing high activity uncontrolled crosswalks thereby promoting active transportation.
2. Traffic Signals would improve safety for students at 3 Elementary, 3 Middle, and 3 High Schools, the STEM Academy, and UCR; as wells as for cyclists, pedestrians and motorists; thus encouraging use of alternate modes of transportation to and from these schools.

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ATP CYCLE IV – PEDESTRIAN TARGET HARDENING PLAN

1. A focused Pedestrian Target Hardening Plan that:
 - a. Identifies areas of high pedestrian use throughout the City;
 - b. Recommends specific countermeasures to reduce risk of vehicular attack; and
 - c. Amends neighborhood plans and General Plan implementation tools to include countermeasures.



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POTENTIAL COUNTERMEASURES

1. Barricades and bollards
2. Concrete benches and planters
3. 'Trip Wire' cameras, alert systems



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PROPOSED PROJECT BENEFITS: PEDESTRIAN TARGET HARDENING PLAN

1. Identify means to deploy countermeasures through grant and development funding;
2. Contribute towards a reduction in risk of vehicular attack on areas designated for pedestrian use; and
3. Provide the public with confidence in the use of public spaces; encourage active transportation.



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RECOMMENDATION

That the City Council :

1. Authorize the Public Works Department to prepare and submit ATP Cycle IV grant application for \$1,349,000 to construct new HAWK and traffic signal improvements at designated locations.
 - a) Authorize local matching funds in the amount of \$238,000, or \$59,500 annually, to be budgeted over a four year period during FY 2018/19 – FY 2022/23.



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RECOMMENDATION (CONT.)

2. Authorize the Public Works Department to prepare and submit a non-infrastructure ATP Cycle IV grant application for \$220,000 to develop a pedestrian target hardening plan.
 - a) Authorize local matching funds in the amount of \$30,000, or \$7,500 annually, to be budgeted over a four year period during FY 2018/19 – FY 2022/23.



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