

Highway Safety Improvement Program Cycle VIII Grant

Public Works Department

City Council April 17, 2018

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BACKGROUND

- 1. In August 2016, the Public Works Department submitted a Highway Safety Improvement Program (HSIP) grant application seeking funding for new traffic signal controller, software, and central system equipment and installation.
- 2. In November 2016, the City was awarded grant funding in the amount of \$559,900 for the project.
- 3. Local matching funds of \$559,900 were committed.



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ADDITIONAL KEY FEATURES

- 5. Developed connected vehicle capabilities for sending immediate safety information to participating motorists.
- 6. Reduced signal down time when recovering from hardware failure or need to use "flashing red" when configuring IP communications.
- 7. Upgraded information with available visual queuing data and safety messages to staff improving response times.



OVERALL BENEFITS

- 1. Expanded functionality and compatibility.
- 2. Superior reliability.
- 3. Greater longevity.
- 4. Improved traffic operations.
- 5. Enhanced traffic safety.



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