



Approval of a Reimbursement Agreement for SMART Rail Crossing at Jennings Avenue

City Council Meeting
November 29, 2016

Associate Civil Engineer, Transportation and Public Works

Greg Dwyer

BACKGROUND

- SMART design-build contract
- Railroad and pathway improvements
- California Public Utilities Commission approved at-grade crossing at Jennings Avenue on September 15, 2016
- Work best performed by SMART

CONSTRUCTION ESTIMATE

Original (at time of crossing approval)	\$1,512,000
Current	\$2,256,000
Net Increase	\$744,000

CONSTRUCTION ESTIMATE

SMART Crossing Improvements: \$1,066,000

SMART Systems Integration: \$759,000

Subtotal: \$1,825,000

City Improvements (Jennings Ave): \$432,000

Total: \$2,256,000

SMART SYSTEM INTEGRATION SCOPE

- Studying the corridor
- Calibration with specialists
- Integration into overall corridor
- Connecting to power
- Cut and tie in fiber optics
- Reprogram the control system
- Computer modeling for all 47 miles
- Hardware

WHY THE INCREASED COSTS?

- Project approval delayed
- Additional Systems cost no longer in startup costs.
- Systems scope and cost underestimated

JENNINGS AVENUE CROSSING (EAST OF TRACKS LOOKING WEST)



JENNINGS AVENUE CROSSING (EAST OF TRACKS LOOKING NORTH)



JENNINGS AVENUE CROSSING (WEST OF TRACKS LOOKING EAST)



ANALYSIS

Agreement

- City funding
- Construction in SMART corridor by SMART's contractor
- Saves money
- Keeps project on schedule

FUNDING

- Appropriated within the Capital Improvement Program
- No fiscal impact to the General Fund
- Re-prioritization of existing funding
- Funding sources from Gas Taxes and Capital Facilities Fees
- No additional General Funds will be required

RECOMMENDATION

- It is recommended by the Transportation and Public Works Department that the Council, by motion, authorize the City Manager to approve and execute a reimbursement agreement not to exceed the amount of \$1,825,000 with Sonoma Marin Area Rail Transit, to perform work within their right-of-way for the Jennings Avenue at-grade pedestrian and bicycle rail crossing.

QUESTIONS?

