

**Upgrade Traffic Signals and Accessories in the Metro Area
Various Intersections
Estimated Road Fund Cost: \$22,500**



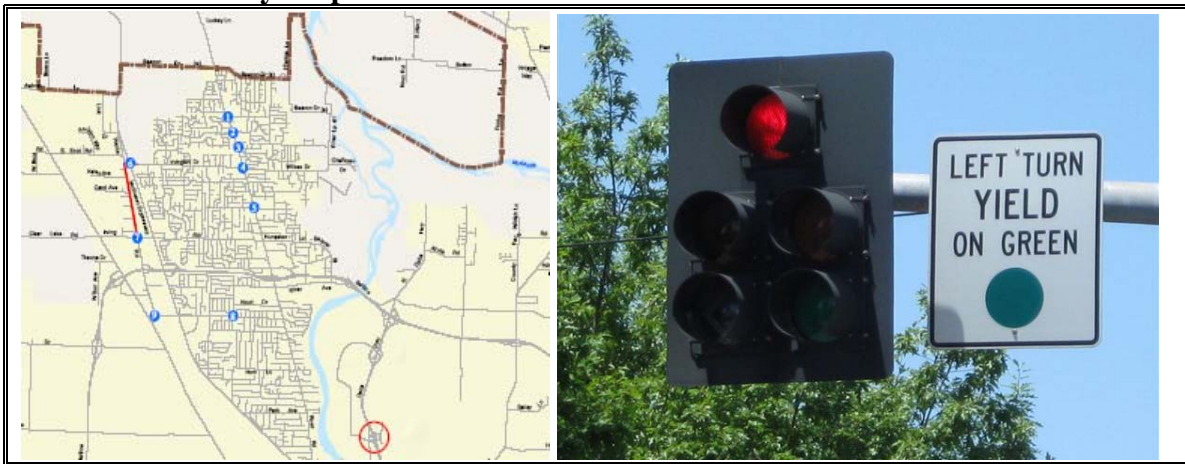
Project Scope: Upgrade Traffic Signals and accessories in the Metro area

Project Limit	LC MPO Area	Project Number	3268-3
Functional Class	Major Collector	Project Status	Proposed
Length	NA	Project Category	Safety Improvements

Existing Roadway Condition

ADT	NA	Crash Rate	NA
Pavement Type	Asphalt Concrete	Sidewalk	<input type="checkbox"/>
PCI	NA	Curb	<input type="checkbox"/>
Width	NA	Bike Lane	<input type="checkbox"/>

Location / Vicinity Map

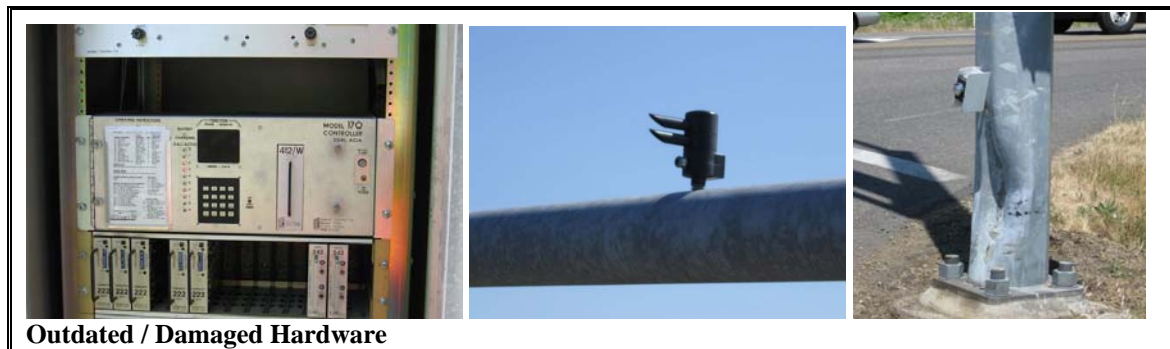


Define the Problem

Lane County currently operates 24 traffic signals inside the metro area, mostly in the River /Road Santa Clara area. These signals were installed at different times; some signals were installed 20 years ago, which have outdated road name signs, hardware, and accessories. Lane County has not been able to update the traffic control devices with newer standards due to a lack of funds.

Proposed Solution

The proposal includes replacing outdated hardware and non-functional components with industry standard units. The improvement needs vary intersection to intersection. Some intersections will merely require replacing road signs while others require hardware



Outdated / Damaged Hardware

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updates. With the proposed new interface software and repair of existing cable interconnections, the project will enable coordination of most of city and county signals in the River Road area.

Project Cost (\$000s)

PROJECT ELEMENT	TOTAL	FY 11	FY 12	FY 13	FY 14	FY 15
Pre-Engineering	\$32	\$32				
Right-of-way	0	0				
Construction Engineering	\$10	\$10				
Construction	\$20.5	\$20.5				
Software	\$25	\$25				
Hardware	\$131	\$131				
Total Cost	\$218.5	\$218.5				

Funding Source (\$000s)

FUND SOURCE	TOTAL	FY 11	FY 12	FY 13	FY 14	FY 15
Road Fund	\$22.5	\$22.5				
STP-U	\$196	\$196				
ARRA	0	0				
State Aid	0	0				
Federal Aid	0	0				
Other		0				
Total Fund	\$218.5	\$218.5				

Factors for Project Selection

Safety Improvement	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Plan Consistency	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Structural Capacity Enhancement	<input type="checkbox"/>	<input type="checkbox"/>	Economic Development	<input type="checkbox"/>	<input type="checkbox"/>
Congestion Improvement	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Supports Tourism, Recreation	<input type="checkbox"/>	<input type="checkbox"/>
Provides Bike/Ped Alternatives	<input type="checkbox"/>	<input type="checkbox"/>	Preserves Bridge Pavements	<input type="checkbox"/>	<input type="checkbox"/>
Degree of Users Benefits	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Has Public Support	<input type="checkbox"/>	<input type="checkbox"/>
Leverages Other Projects/Funds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Total Factor Considered		9

Footnotes[†]

[†] This project is programmed in the Surface Transportation Program for the Metro Area (STP-U) for federal Fiscal Year 2010 in response to the Lane County request for a \$219,000 grant for signal improvement works. The Road Fund amount shown above is the required local match of 10.27% for STP-U funds.

The project area extends to 15 intersections controlled by Lane County within the Metro boundary. The scope includes upgrading outdated or damaged hardware at the 15 identified intersections.