

TCR Program – Application Approval Project #102.1 – May 2005

Santa Barbara Route 101 access; State Street smart corridor Advanced Traffic Corridor System (ATCS) technology in Santa Barbara County.

(\$ X 1,000)

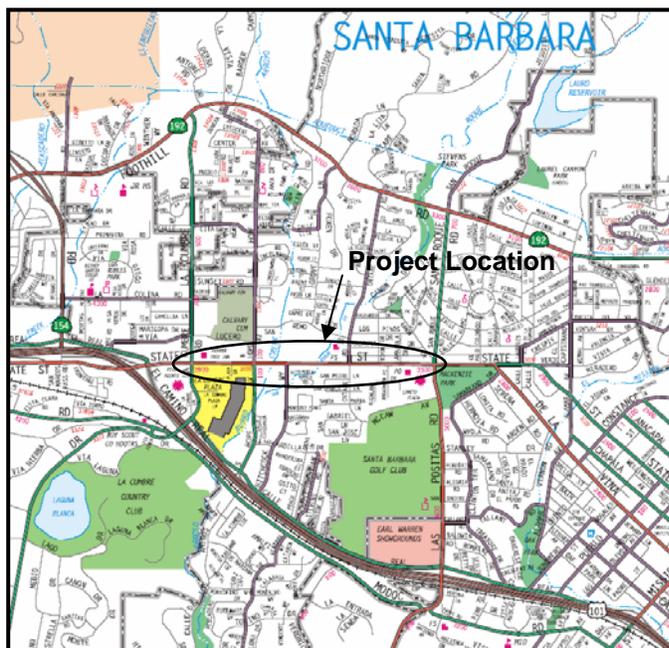
<i>Estimated Project Cost:</i>	\$1,832	<i>TCRP Funds Approved to Date:</i>	\$268
<i>TCRP Funds – Sub-Project #102.1</i>	\$268	<i>Phase(s) Approved:</i>	All
<i>TCRP Funds for Project #102:</i>	\$1,300		
<i>Lead Agency:</i>	City of Santa Barbara	<i>Implementing Agency:</i>	Same

<i>TCRP Allocations to Date:</i>	\$268	<i>for Phase(s):</i>	4
<i>Advance Approved:</i>	\$268	<i>for Phase(s):</i>	4
<i>LONP Approved to Date:</i>	\$0	<i>for Phase(s):</i>	N/A

Project Summary: The overall State Street smart corridor Advanced Traffic Corridor System (ATCS) technology project in Santa Barbara County consists of two separate sub-projects to improve access and mobility to the Route 101/State Street corridor. Each sub-project will be covered under separate project applications. The two sub-projects consist of:

- **Sub-Project #102.1** – Outer State Street Signal System.
- Sub-Project #102.2 – Deleted
- Sub-Project #102.3 – Intersection improvements and signal coordination.

This project covers the Outer State Street signal system that will improve traffic conditions and traffic handling capacity of Outer State Street at nine intersections between Calle Laureles to La Cumbre. This project involves the installation of a traffic adaptive signal system called Split Cycle Offset Optimization Technique (SCOOT).



Cost and Schedule (\$ x 1,000)

Phase	Scope	Start	End	Cost
1	Categorical Exclusion (CEQA/NEPA), Phase I Cultural Resource Study, Historic Bridge Study	2/00	3/01	\$15
2	Plans, Specifications & Estimates (signal modifications, etc) RFP for Video Detection System, Software	3/00	7/01	\$147
3	Right of way Acquisition - Not Applicable			
4	Construction/Installation of Hardware/Software	9/01	8/02	\$1,670
			Total:	\$1,832

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Funding Plan (\$ x 1,000)

Source	Type		Phase 1	Phase 2	Phase 3	Phase 4	Total
TCRP	State	Committed				\$268	\$268
		Proposed					
STIP-RIP	State	Committed		\$147		\$1,102	\$1,249
		Proposed					
City	Local	Committed	\$15				\$15
		Proposed					
Measure D	Measure	Committed				\$300	\$300
		Proposed					
Totals:		Committed	\$15	\$147		\$1,670	\$1,832
		Proposed					
		Totals:	\$15	\$147		\$1,670	\$1,832

Prior TCRP Action:

- Original application was approved August 23, 2001 (TA-01-13) for \$400,000 for Phase 4.
- A minor amendment was approved on February 7, 2002 based on the October 2001 Progress Report.
- An amendment was approved May 26, 2005 (TAA-05-06) transfer \$132,000 of TCR funds to Sub-Project #102.3.

Status of Conditions: No conditions set.

Discussion/Issues: Project is completed.

SCOOT is an Advance Traffic Corridor System (ATCS) software that continuously optimizes traffic signal timing from data received from the field and is used by Anaheim and Oxnard as well as over 100 cities throughout the world. Implementation of the SCOOT system will require hardware and software upgrades at all corridor intersections. The City Traffic Management Center (TMC) will require equipment to be installed to accommodate the traffic adaptive software system. In addition, a fiber communications conduit will be installed between the intersections and the TMC.