PROJECT INFORMATION FORM

A. Project Information

1. Project Title: ***Laurel Street Pavement Rehabilitation***

2. Amount of Funding Requested: ***$900,000***

3. Implementing Agency: **City of Santa Cruz**

4. Sponsoring Public Agency that has Master Agreement with Caltrans for federal-aide funds (if different from implementing agency):

5. This is priority number **_1__** of **__4__** projects. (*If requesting funds for more than one project)*

6. Project Description/Scope: *(Please describe the scope of work for the project, including all capital improvements or program characteristics, the population to be served and the number of travelers expected to benefit. Please describe the improvements associated with each mode of transportation as applicable. Attach additional information if needed.)*

   This is an important multi-modal arterial corridor that serves cross town traffic (20,000 vpd), transit service to and from the Metro Center and University, and has significant bicycle (100-120 peak-hour)and pedestrian (50-140 peak hour) activity. There are continuous sidewalks, Class 2 bike lanes and transit stops along both sides of the street. Access is provided to Santa Cruz High School and Downtown, with many multi-family residential areas adjacent to the corridor which include many student rentals.

   The street will be rehabilitated from Front Street to Mission Street (Route 1), excluding the recent improvements between Felix and Blackburn. New access ramps will be installed and sidewalks repaired as needed to improve accessibility along the corridor. Construction staging will be done to minimize impacts, though it will still be a difficult project to stage and implement. Staff hopes to use a cold-in-place recycling method on this project as a more sustainable paving practice. A project allocation of $900,000 is requested, with $300,000 in matching funds from Measure H and Gas Tax funds. The project is categorically exempt.

7. Project Cost by Mode:

Road Rehab	TOTAL
100%	**100%**

8. Project Location/Limits (attach an 8 1/2" x 11" map and/or photos if available/applicable, include street names): **See attached diagrams**
   a. Project Length in miles (if applicable): ***0.94 Miles***

9. Contact Person/Project Manager Name: **Christophe J. Schneiter, Assistant Director/City Engineer**
   Telephone Number: 831-420-5422 E-mail: **cschneiter@cityofsantacruz.com**

B. Project Delivery Milestones *(Enter the proposed schedule or actual completion of various project milestones):*

10. **Capital Projects - Schedule:**

Project Milestone		**Date**
Begin Environmental (PA&ED) Phase		Mar 2013
Circulate Draft Environmental Document	**Document Type** *: Catx*	Mar 2013
End Environmental Phase (PA&ED Milestone)		Mar 2013
Begin Design (PS&E) Phase		Mar 2013
End Design Phase (complete PS&E)		May 2013
Begin Right of Way Phase		Mar 2013
End Right of Way Phase (Right of Way Certification Milestone)		Mar 2013
Request Authorization to Proceed with Construction (completion of all prior tasks)		May 2013
Award Contract		June 2013
End Construction Phase (Construction Contract Acceptance Milestone)		Sept 2013
End Closeout Phase (Closeout Report)		Nov 2013

C. Project Cost

11**. Capital Projects – Total Cost Estimate:**

Environ-mental (PA/ED)	Design (PS&E)	ROW	Construction **	Construction Support	Contingency	Total Project Cost
$0	***$60,000***	***NA***	***$1,120,000***	***$20,000***	***Included***	***$1,200,000***

Exhibit C

Project Benefits

Given the large backlog of transportation needs in the region and the extremely limited amount of funding available, it is important to ensure that funds are used cost effectively to maximize benefits to the transportation system. Additionally state and federal rules, as well as RTC policies, require consideration of how projects will contribute towards implementation of the long-range transportation plan and the achievement of one or more transportation goals. Therefore, project benefits will be taking into consideration when evaluating projects. ***Projects are not expected to address all of the following. Please write N/A where something is not applicable to your project.***

1. **Generally, what are the benefits of this project?** (ex. goal/purpose/benefit of project; problem to be addressed; importance to the community):

The project improves the arterial corridor for all users; auto, trucks, transit, bikes and pedestrians. The project preserves the existing infrastructure and improves accessibility. The method of paving my include could-in-place recycling which is a more sustainable paving practice.

2. **How many travelers will be served by/benefit from this project per day?**
   ADT volumes *(if applicable)_**20,000 vpd**_____*
   Other (e.g. avg. number of people directly served/day; number of users of facility/day; TDM-direct participants and indirect beneficiaries) ***_100-120 bikes/peak-hour, 50-140 peds/peak-hour.***

3. **What are the destinations served by this project? (e.g. employment centers, senior centers, schools, groceries, transit centers, etc.)**

   This corridor connects neighborhoods with Downtown employment and retail opportunities, the Metro Center, Santa Cruz High School and the University. It is also one of two local arterial east-west through corridors.

4. **Does this project preserve existing transportation infrastructure/facilities or services?** *Highlight why this location is a priority for preservation, e.g. if project is part of a pavement management plan.*

   The project rehabilitates almost one mile of an existing arterial that's serves as a multi-modal corridor and is included in the City's pavement management system. It is currently in poor condition, with a Pavement Condition Index (PCI) range from 26-60.

5. **Does this project increase access or reduce pollution? If so, how?** If not applicable, put **N/A.**

   NA.

6. Does this project increase <u>safety</u>? Describe. If not applicable, put **N/A.**

The project will likely improve safety with improved striping and pavement conditions, which provides better lane delineation and reducing erratic movements to miss potholes and other poor pavement conditions. Emergency service access is maintained throughout the project.

7. How does the project increase access and safety <u>cost effectively, equitably and responsive to the needs of all users and/or benefit the natural environment</u>? If not applicable, put **N/A.**

The project preserves the existing multimodal transportation system and improves accessibility. If proven feasible a cold-in-place pavement recycling design will be incorporated into the project as a more sustainable paving practice. At a minimum the ground asphalt material is reused or recycled.

8. Has public input been sought on this project? What is the public engagement plan for implementing this project? Is it identified in an adopted plan or other document?

The project is included in the City's pavement management system. Coordination with utility agencies, metro, business and residential communities would take place during project design.

EXHIBIT A

Laurel Street Pavement Rehabilitation - Project Budget & Funding Plan

Project Cost by Phase

Capital Projects:

Enter the amount to be expended for each project phase in each fiscal year by funding source.
Totals should calculate automatically if electronic file is used.

Round figures to the nearest thousand dollars

		Phase of Work			
Sources (Specify fund source type - ex. RSTP,STIP, AB2766, Local, TDA, etc)	**Source Total**	**Env'l (PA/ED)**	**Design (PS&E)**	**Right-of-Way (ROW)**	**Construction**
New Funds Requested from RTC:	**900**	$0	$0	$0	$900
Source 2: Local Measure H, Gas Tax	**$300**	$0	$60	$0	$240
Source 3:	**$0**	$0	0	$0	
Source 4:	**$0**	$0	$0	$0	
Source 5:	**$0**	$0	$0	$0	
Source 6:	**$0**	$0	$0	$0	
Source 7:	**$0**	$0	$0	$0	
Total	**$1,200**	**$0**	**$60**	**$0**	**$1,140**
Scheduled start of each Phase (Fiscal Year)		**Mar 13**	**Mar 13**	**Mar 13**	**June 13**
		Env'l (PA/ED)	**Design (PS&E)**	**Right-of-Way (ROW)**	**Construction**

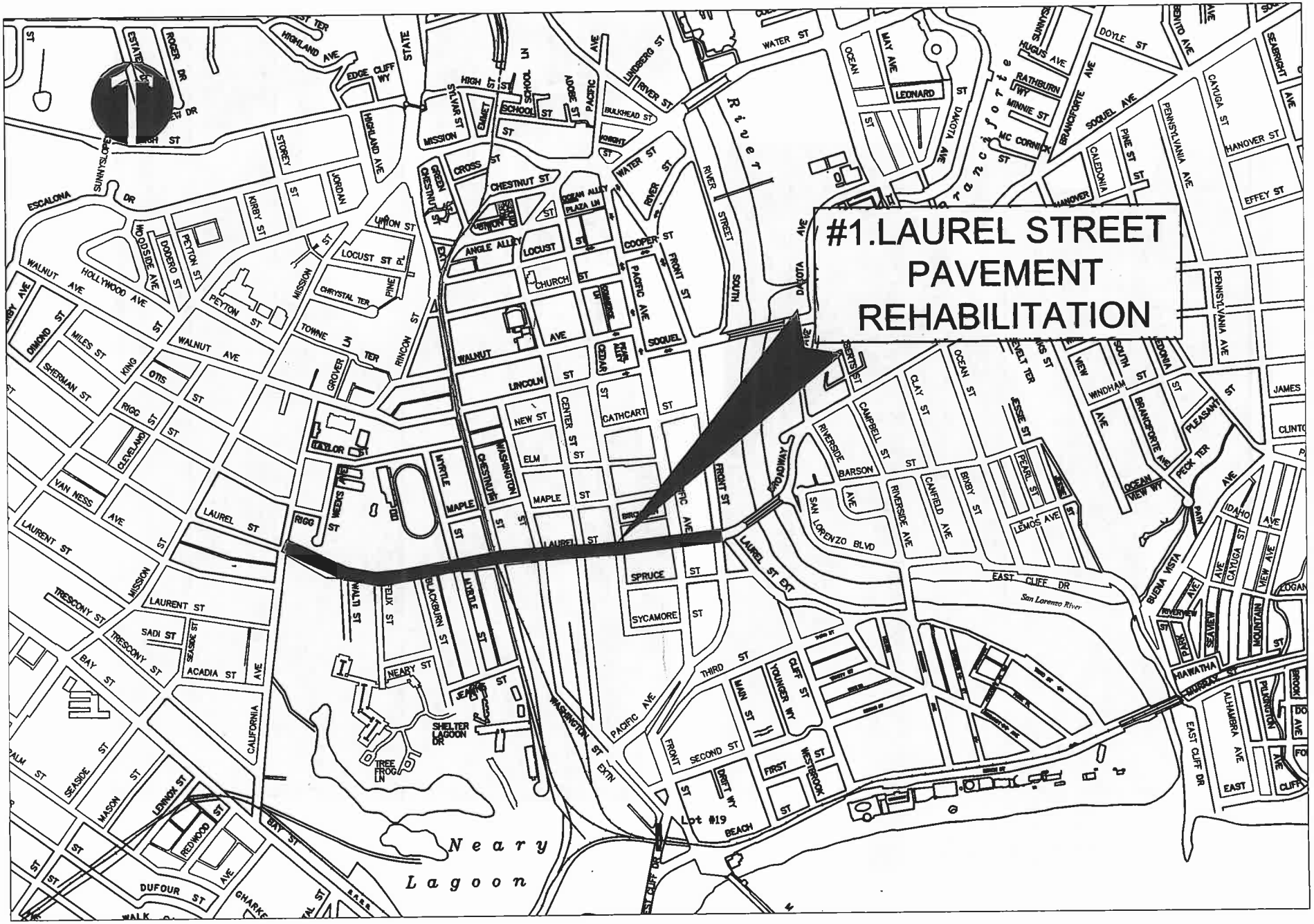
Pending Funds: Highlight any funds that are yet not secured, describe below status/anticipated receipt date:

Exhibit B

City of Santa Cruz
Laurel Street Cost Estimate

No.	Quanity	Unit	Description	ENGINEER'S ESTIMATE UNIT	ENGINEER'S ESTIMATE TOTAL
1	1	LS	Traffic Control and Construction Area Signs	30,000.00	30,000.00
2	1	LS	Mobilization	5,000.00	5,000.00
3	1	LS	Water Pollution Control	2,000.00	2,000.00
4	40000	SF	Full Depth Base Repair HMA 6" Depth	3.00	120,000.00
5	5000	SF	Over-Excavation	20.00	100,000.00
6	18000	SY	Cold Planing (Milling) Asphalt (3" Depth)	6.00	108,000.00
7	1100	TON	Hot Mix Asphalt 1.0" Levelling Course	110.00	121,000.00
8	18000	SY	Pavement Reinforcing Fabric	3.50	63,000.00
9	2200	TON	Hot Mix Asphalt 2" Overlay	100.00	220,000.00
10	36	EA	PCC Curb Ramps	3,800.00	136,800.00
11	5	EA	Adjust Survey Monument Box	400.00	2,000.00
12	38	EA	Adjust Water Valve Box	450.00	17,100.00
13	27	EA	Adjust Manhole Frame & Cover	700.00	18,900.00
14	471	LF	Thermoplastic Traffic Stripe - Detail 1	2.00	942.00
15	378	LF	Thermoplastic Traffic Stripe - Detail 8	2.00	756.00
16	316	LF	Thermoplastic Traffic Stripe - Detail 18	1.00	316.00
17	2467	LF	Thermoplastic Traffic Stripe - Detail 21	1.35	3,330.45
18	1425	LF	Thermoplastic Traffic Stripe - Detail 38A	1.00	1,425.00
19	3038	LF	Thermoplastic Traffic Stripe - Detail 39	1.00	3,038.00
20	1233	LF	Thermoplastic Traffic Stripe - Detail 39A	1.00	1,233.00
21	524	LF	Thermoplastic 12" Stop Bars	3.00	1,572.00
22	1512	SF	Thermoplastic Pavement Markings	4.00	6,048.00
23	1291	LF	Thermoplastic Crosswalk (Piano Key Style)	3.00	3,873.00
24	30	EA	Thermoplastic Parking Space Markings	12.00	360.00
25	1	LS	Remove Pavement Markings & Lane Markers	2,000.00	2,000.00
26	20	EA	Blue Fire Hydrant Pavement Markers	50.00	1,000.00
27	62	EA	Traffic Detector Loops - Type A	450.00	27,900.00
28	31	EA	Traffic Detector Loops - Type D	450.00	13,950.00
29	11	EA	Bicycle Detector Loops	500.00	5,500.00

CONSTRUCTION SUBTOTAL	$ 1,017,043.45
10% CONTINGENCY	$ 101,704.35
GRAND TOTAL	$ 1,118,747.80



2012 RSTP
PROJECT GRANTS

Laurel Street Pavement Conditions

Laurel Street Pavement Conditions