

SCCRTC- 2021 Consolidated Call for Projects (RSTPX, STIP, HIP, & CRRSAA)

APPLICATION/PROJECT PROGRAMMING REQUEST

A. Project Information

Applicant/Implementing Agency		Public Agency Sponsor (if different)	
City of Santa Cruz			
Project Title			
Ocean Street Pavement Rehab and Bike/Ped Upgrades			
Brief Description/Scope of Work (attach extra pages to fully describe scope)			
Ocean Street pavement rehabilitation and bike and pedestrian upgrades between Felker St and Water Street.			
Location, Limits, Length (attach map(s)/photos on separate tab)			
Ocean Street from Felker to Water St			
Roadway Functional Classification: (if applicable)			
Summary of Project Benefits, Purpose and Need			
This project extends the useful life of this roadway. Project improves bike, pedestrian, and transit accessibility and implements the Ocean Street Area Plan. This will improve safety for all roadway users.			
Funds requested	\$1,200,000	Total Project Cost	\$1,500,000
Was project previously programmed for funds by RTC?		Y/N	RTIP ID
Y		N	
Project Cost by Mode (list approximate percentage of total project costs)			
Mode	% of Total Cost		
Pavement Preservation (rehab, overlay, etc.)	70%		
Road-Auto serving (not rehab)			
Bicycle	13%		
Pedestrian	13%		
Transit	4%		
Transportation System Management (TSM)			
Transportation Demand Management (TDM)			
Other:			
	100%		
Priority #	Project is priority #	2 of 3	
Contact Name	Phone	E-mail Address	
Josh Spangrud, PE	(831) 420-5178	jspangrud@cityofsantacruz.com	

B. Project Benefits/Evaluation Criteria

Information in this section will be used to evaluate projects. The RTC is required to consider how well projects advance regional, state and federal goals, policies, performance metrics and targets, including how projects will contribute towards implementation of the long-range transportation plan (Regional Transportation Plan) and other state and federal regulations including the California Complete Streets Act of 2008, SB375, the Federal FAST Act.

See Attachment 2 of the call for projects for examples of type of information to demonstrate benefits.

Project Title:	Ocean Street Pavement Rehab and Bike/Ped Upgrades
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Generally, what are the benefits of this project?

(ex. goal/purpose/benefit of project; problem to be addressed; importance to the community)

Enhanced PCI, extended useful life of paving, improved bike, ped, and transit access, improved safety for all modes.

	Benefit Category <i>(see Attachment 2 of Call for Projects for additional information and supporting data)</i>	How does this project address any of the following? <i>Projects are not expected to address all of these; if not applicable or not a primary purpose, write "N/A".</i>
1	Safety (reduce fatal or injury collisions)	During the time period of 1/1/2015 through 12/31/2020, this segment of Ocean Street experienced 41 crashes. Of these, 44% (18) involved a cyclist or pedestrian. The improvements in this application improve safety for all roadway users, but in particular for cyclists and pedestrians by improving signage and striping, as well as safety of intersections.
2	System preservation (maintain existing transportation infrastructure, service, or program)	This project extends the useful life of this roadway by 20 years and improves the PCI.
3	System Performance	This project will improve system performance for non motorized users by improving bike, pedestrian, and transit accessibility. Iterative designs will be presented to the City Transportation and Public Works Commission and RTC Commissions, and in consultation with METRO a final design will be selected for City Council approval. This design could include such elements as buffered and/or protected bike lanes, shared bus bike lanes, or other similar scale improvements.
3a	Reduce emissions and/or vehicle miles traveled	This project improves facilities for people who walk, bike, and take transit, likely leading to mode shift. This mode shift reduces VMT.
3b	Improve travel times, travel time reliability; reduce delay	This project will improve travel times and travel time reliability for those who walk, bike, and take transit.
3d	Improve freight or goods movement efficiency	N/A

4	Increase Access for All (Expand multi-modal travel options/choices, especially to and within key destinations for all users)	Ocean Street serves as a key destination as a major commercial corridor. Additionally, this segment of Ocean Street provides access to transit for the routes 4, 17, and 35, which serve the Emeline Campus, San Jose/Amtrak, and the San Lorenzo Valley. The improvements in the grant will improve access for all modes, but in particular improve access for those who use transit, walking, or biking as a mode of transportation.
5	Health and Equity - Enhance health, safe access to key destination for transportation-disadvantaged populations	The City of Santa Cruz has the second highest bike mode share in the state at 9.5%. Pedestrian mode share is equally high at 10.3%, significantly higher than the State of California. This high mode share comes with high collision rates, a priority Public Health concern in the Santa Cruz community. California Office of Traffic Safety (OTS) ranked the City of Santa Cruz as the worst city for bicyclist injury/fatalities- 1st of similar sized cities in 2015, 2014, 2013 and 2012, the most recent years reported. Many in transportation disadvantaged populations use walking, biking, and transit as primary modes of transportation. This project improves the bike, pedestrian, and transit access and utility of this challenging section of Ocean St.
5a	Improve public health or promote healthy communities, provide outreach to targeted users/health issues	This project increases public health by increasing the quality of bike and pedestrian infrastructure on this high volume roadway. As noted, above, bicyclists and pedestrians accounted for 44% of collisions that occurred on this roadway segment between 2015-2020. The improvements in this application will improve safety for non-motorized users, thereby increasing public health.
5b	Serve people who are transportation disadvantaged due to age, income, ability or language or other challenges	The Ocean St corridor serves as both a destination and a means to access other priority locations. This section of Ocean Street is a primary route to access County Health Services at the Emeline Campus, providing both a direct bike and pedestrian connection as well as transit access. This serves folks who are transportation disadvantaged due to age, income, and ability among other challenges. Additionally, Ocean Street is currently a barrier to access other great facilities, including the Riverwalk. The improvements in this application will improve access for transportation disadvantaged populations to cross Ocean St.

Additional Considerations in Project Evaluation:

A.	RTP Consistency: If project is included in the 2040 or Draft 2045 Regional Transportation Plan (RTP) Project List, list RTP Project Number	SC-48 Ocean St Pavement Rehab, and SC-P86 Ocean St Streetscape and Intersection
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B.	Consistency with Complete Streets guidelines and policies: Describe how is project consistent with guidelines, integrates complete streets elements	This project is consistent with the Monterey Bay Area Complete Streets Guidebook, in particular the sections around health, safety, and access. In terms of safety, this project reduces the number of bicycle and pedestrian hazards. For Health, this project increases the number of people that walk and bike. For access, this improves the quality of the walking and biking trip.
C.	Consistency with other plans. What other plans is this project listed in, if any?	Ocean Street Area Plan, Active Transportation Plan
D.	Public engagement: How was this project determined to be a priority? What outreach will occur during implementation?	This project was identified through the multiyear Ocean Street Area Plan effort. The City held two community workshops at key points of the planning process to actively engage the community in the creation of the Area Plan. Additionally, the City utilized a Ocean Street Area Plan Committee that met through the project to further guide the process and allow for additional community input. This resulted in the plan recommendations that are included in this grant application. Outreach will continue to occur during implementation, including press releases and neighborhood mailers.
E.	Scale of Benefits- How many users are expected to use the facility, service or program? What is the source of this estimate?	According to RTC Traffic Counts from 2010-2016, this segment of Ocean Street sees between 18,000-28,000 vehicles per day. As we know, this number increases dramatically during summer, weekend, and event traffic days.
F.	Potential Risks (and plans to mitigate them)	
F1	Funding - Is this project fully funded?	With this funding, yes
	How will potential cost increases be funded?	Local funds, gas tax and Measure D
F2	Schedule: Describe any potential delays to schedule	None
F3	Deliverability: Describe why your agency is capable of delivering this project. (sufficient staff, project management, performance in past)	Proven history of delivering complicated and complex transportation projects. Regular and ongoing paving work very similar to this work.
F4	Environmental: Describe any potential environmental issues, mitigations, risks associated with current and future environmental conditions (climate change, extreme weather, seismic)	None
F5	Other: Describe any other potential risks and plans to mitigate risks	None

E&P (PA&ED)									0
PS&E									0
R/W SUP (CT)									0
CON SUP (CT)									0
R/W									0
CON			100						100
TOTAL	0	0	100	0	0	0	0	0	100

Fund No. 4:	Measure H - city								<i>Measure H</i>
Component									
Component	Prior	21-22	22-23	23-24	24-25	25-26	26-27	Total	
E&P (PA&ED)								0	
PS&E								0	
R/W SUP (CT)								0	
CON SUP (CT)								0	
R/W								0	
CON			100					100	
TOTAL	0	0	100	0	0	0	0	100	

C.ii. Detailed Cost Estimate - Capital Projects

(Replace with categories/format appropriate to your project. Shown below are examples only.)

Project Title:	Ocean Street Pavement Rehab and Bike/Ped Upgrades				
Item No.	Engineer's Estimate				
	CONSTRUCTION (update items to match actual items for project)				
	Item Description	Quantity	Units	Unit Cost	Total
1	Mobilization	LS	1.00	50,000.00	50,000.00
2	Water Pollution Control	LS	1.00	5,000.00	5,000.00
3	Traffic Control System and Construction Area Signs	LS	1.00	175,000.00	175,000.00
4	Changeable Message Signs	EA	4.00	3,000.00	12,000.00
5	Adjust Water Valve Box	EA	45.00	900.00	40,500.00
6	Adjust Manhole Frame & Cover	EA	12.00	1,350.00	16,200.00
7	Adjust Drain Inlet Frame & Cover	EA	6.00	2,500.00	15,000.00
8	Over-Excavation (Revocable)	CY	20.00	1,000.00	20,000.00
9	Median Island and curb repair	LS	1.00	25,000.00	25,000.00
10	Full Depth Base Repair AC Sections (6-Inch Depth) (Revocable)	SY	500.00	80.00	40,000.00
11	Full Depth Base Repair PCC Sections (6-Inch Depth) (Revocable)	SY	150.00	200.00	30,000.00
13	Cold Planing (Milling) Asphalt Concrete (2-Inch Depth)	SY	20,000.00	5.70	114,000.00
14	Cold Planing (Milling) Asphalt Concrete (4-Inch Depth)	SY	5,000.00	13.00	65,000.00
16	Pavement Reinforcement Fabric (TruePave) (Revocable Item)	SY	1,500.00	12.25	18,375.00
17	Hot Mix Asphalt Pavement - Type A Leveling Course (1")	TON	125.00	250.00	31,250.00
18	Hot Mix Asphalt Pavement - Type A Overlay (2" to 3")	TON	3,000.00	150.00	450,000.00
19	Striping	LS	1.00	110,732.50	110,732.50

SUBTOTAL CONSTRUCTION ITEMS	1,218,057.50
CONTINGENCY 20.0%	243,611.50
TOTAL CONSTRUCTION COST	1,461,669.00

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PUBLIC WORKS DEPARTMENT

809 Center Street, Room 201, Santa Cruz CA 95060 • 831 420-5160 • Fax: 831 420-5161

Re: Ocean Street Pavement Rehab and Bike/Ped Upgrades

Detailed Scope of Work:

This project will rehabilitate and repave Ocean Street between Felker Street and Water Street. As part of this project, enhanced transit, bike, and pedestrian facilities will be included. This improvement will extend the useful life of this facility by 20 additional years.

Current conditions include an two travel lanes in each direction, a parking lane, on-street class 2 bike lane, and standard width sidewalks. During the time period of 1/1/2015 through 12/31/2020, this segment of Ocean Street experienced 41 crashes. Of these, 44% (18) involved a cyclist or pedestrian.

This project was included in the Ocean Street Area Plan, General Plan, and Capital Investment Program. Currently, staff has engaged with METRO to discuss possible design alternatives that improve transit accessibility. As part of an iterative design process, these project concepts will be reviewed at the City Transportation and Public Works Commission as concepts, then layouts, before moving to City Council for approval. Possible elements include buffered or protected bike lanes, transit lanes, and/or shared bus bike lanes.

Matching funds for this project come from Measure D funds specifically called out in the City of Santa Cruz Measure D Five Year Plan as Arterial and Collector Roadway category.

Ocean Street Existing Conditions Site Photos



Figure 1 Ocean Street looking towards Felker St



Figure 2 Ocean St looking towards Hunolt St



Figure 3 Ocean St looking towards Water St



Figure 4 Ocean St at Water St

E. Certification and Assurances - After reading each item, initial and sign to certify your agency agrees to each.

Project Title: Ocean Street Pavement Rehab and Bike/Ped Upgrades

INITIALS

As authorized representative for my agency, I hereby certify that the information contained in this application, including required attachments, is accurate and hereby certify the following:

- 1 The project implementing agency possesses legal authority to nominate projects and to finance, acquire, construct, and/or implement the proposed project;
- 2 This project is among the highest priorities for this agency;
- 3 The proposed transportation investments have received the full review and vetting required by law;

Such investments are an appropriate use of taxpayer dollars. The agency shall adhere to principles and policies that ensure government oversight and management of the contracting process to ensure
- 4 taxpayer funds are spent wisely; contracts are not wasteful, inefficient, or subject to misuse; unnecessary no-bid and cost-plus contracts are avoided; and contracts are awarded according to the best interests of California taxpayers;

The agency will maintain and operate the property acquired, developed, rehabilitated, or restored for the life of the resultant facility(ies) or activity. I understand that with the approval of the California
- 5 Department of Transportation, the Administering Agency or its successors in interest in the property may transfer the responsibility to maintain and operate the property;
- 6 If these new funds are used to replace funds previously committed to this project, the agency will maintain its effort with regard to redirecting those funds to similar transportation projects;
- 7 The agency will give RTC and California Department of Transportation's representative access to and the right to examine all records, books, papers, or documents related to the project;

Work on the project shall commence within a reasonable time after receipt of notification that funds
- 8 have been approved, allocated or obligated, as applicable, and that the project will be carried to completion with reasonable diligence;

The agency will comply where applicable with provisions of the California Environmental Quality Act, the National Environmental Policy Act, the Americans with Disabilities Act, the Secretary of the
- 9 Interior's Standards and Guidelines for Archaeology and Historic Preservation, and any other federal, state, and/or local laws, rules and/or regulations; and
- 10 The agency shall comply with all reporting requirements outlined by FHWA, FTA, RTC, Caltrans, the California Transportation Commission (CTC) or state statute, as applicable;
- 11 The agency will commit the funds necessary to ensure this project is fully funded.

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Implementing Agency Representative:

Signed 
 Printed (Name and Title) Enter Name/Title
 Implementing Agency Enter Implementing Agency Name

Date 9/28/21

Project Sponsor – if different

Signed _____
 Printed (Name and Title) Enter Name/Title
 Sponsor Agency Enter Sponsoring Agency Name

Date _____



PUBLIC WORKS DEPARTMENT

809 Center Street, Room 201, Santa Cruz CA 95060 • 831 420-5160 • Fax: 831 420-5161

Date: September 27, 20021
 To: SCCRTC
 1523 Pacific Ave, Santa Cruz, CA, 95060
 c/o rmoriconi@sccrtc.org

The City of Santa Cruz submits the following local road rehabilitation project for certification that the project is in compliance with California Transportation Commission guidelines.

Project Description: Ocean Street pavement rehabilitation and bike and pedestrian upgrades between Felker St and Water Street.

<u>Street/Road</u>	<u>From to</u>	<u>Local Road Facility</u> (Pavement, drainage structure, bridge, cut slope, embankment, etc.)	<u>PPNO</u>	<u>Rehabilitation Strategy</u> (Resurfacing, chip seal, seal coat, restoration of existing facility, etc.)	<u>Service Life (Years)</u>
Ocean Street	From Water Street To: Felker	Pavement		Grinding and repaving	10 20

The project listed above meets the following standards:

- The type of work is eligible for local road rehabilitation, and excludes routine maintenance work, as described in Section II-D-9: "Eligibility of Rehabilitation Projects" of the Procedures for Administering Local Agency Grant Projects in the State Transportation Improvement Program.
- For pavement rehabilitation, the estimated number of years the work will extend the service life of the facility is documented in a PSR or equivalent signed by a registered civil engineer.
- Pavement rehabilitation strategies with less than 10 year service life have been determined by a Pavement Management System (PMS) to be cost-effective and have a service life of 5 years or more. (Attach PMS certification if appropriate).
- The work does not degrade any existing safety or geometric aspect of the facility.

City Signature: *[Signature]* Title: *Asst. Dir./City Eng.*

Regional Transportation Planning Agency/County Transportation Commission Certification

The Regional Transportation Planning Agency certifies the projects listed above meet California Transportation Commission guidelines.

Signature: _____ Title: _____ Date: _____



PUBLIC WORKS DEPARTMENT
809 Center Street, Room 201, Santa Cruz CA 95060 • 831 420-5160 • Fax: 831 420-5161

Date: September 27, 2021

To: SCCRTC, 1523 Pacific Ave, Santa Cruz, CA, 95060
c/o rmoriconi@scrtc.org

PPNO: TBD

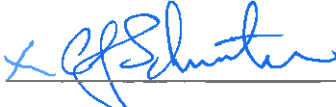
Project Description: Ocean Street pavement rehabilitation and transit, bike and pedestrian upgrades between Felker St and Water Street.

The City of Santa Cruz certifies that it has a Pavement Management System (PMS) and the project meets the criteria described in this chapter. A system must be in place to meet standards for pavement rehabilitation projects programmed in the STIP.

The system was developed by the Metropolitan Transportation Commission (**Street Saver**) and contains, at a minimum, the following elements:

- Inventory of all existing pavements under the City/County jurisdiction.
Centerline miles: **135.3**
Total lane miles (or equivalent units): **273.5**
The last update of the inventory was completed: **2014**
- Identification of sections of pavement needing rehabilitation
Total lane miles (or equivalent units):
- Estimate of the cost to rehabilitate deficient sections: \$
- A procedure to identify rehabilitation strategies that are cost effective (briefly describe it on an attached sheet).

You may direct any questions regarding the system to Joshua Spangrud at (831) 420-5178.

Signature  Title: 