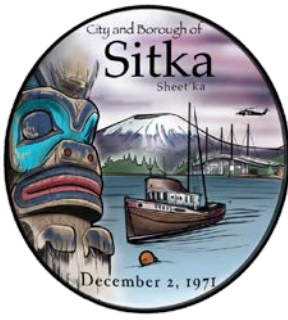


POSSIBLE MOTION

I MOVE TO approve Resolution 2023-09 on first and final reading authorizing the Municipal Administrator to apply for and execute a grant for the Transportation Alternatives Set Aside from the Surface Transportation Block Grant Program with the Alaska Department of Transportation and Public Facilities (ADOT&PF) for the State right of way Harbor Drive Improvement Safe Pedestrian Crossing Project.



CITY AND BOROUGH OF SITKA

A COAST GUARD CITY

MEMORANDUM

To: Mayor Eisenbeisz and Assembly Members

Thru: John Leach, Municipal Administrator *ALA* (Acting)

From: Melissa Henshaw, Public and Government Relations Director

Date: March 8, 2023

Subject: Authorization to Apply for and Execute an Alaska Department of Transportation & Public Facilities Transportation Alternatives (TA) Grant to support State Right of Way Harbor Drive Improvement Safe Pedestrian Crossing Project

Grant Background

The [Transportation Alternatives](#) (TA) Set-Aside from the Surface Transportation Block Grant (STBG) Program provides funding for a variety of generally smaller-scale transportation projects such as pedestrian and bicycle facilities; construction of turnouts, overlooks, and viewing areas; community improvements such as historic preservation and vegetation management; environmental mitigation related to storm water and habitat connectivity; recreational trails; safe routes to school projects; and vulnerable road user safety assessments.

The Call for Projects is broken into two phases. Phase one consisted of submission of a Notice of Intent to Apply (NOIA) that included project title, location, scope, short justification, and eligibility screening in order to be eligible for phase two call for projects. CBS submitted the NOIA and met with the Regional Planner to discuss scope, eligibility, management responsibilities, match requirements, estimating details, supporting documents, and more.

Phase 2 was a call for projects. DOT&PF used the preliminary project information to determine eligibility and prepare a scope, schedule, and estimate. CBS is responsible to develop the full project application.

Awarded projects will be developed and managed by ADOT&PF as this program does not issue grants to communities directly.

Criteria on a 0 to 5-point scale include: Health and quality of life, safety, contributions, M&O costs, public support, gaps/barriers, tied to an event, intrinsic qualities, historic transportation facility, capital cost, other factors.

TA grant key factors with updated dates/milestones:

- Applications are due February 28, 2023. Resolutions and financial commitments are due by the time the Statewide Project Evaluation Board Meets in May.

- Projects proposed on a roadway managed by DOT&PF and within the Right of Way (ROW) supported by ADOT&PF will cover the match.
- Additional funding provided by the community would be considered for additional points.
- The community is responsible for maintenance responsibility for the new facility and open to the public for at least 25 years.
- DOT&PF completes the scope, schedule, and estimate.
- This program is expected to award close to \$20-30 million for this award cycle.
- TA Projects are limited to two project submittals per public entity not to exceed federal share amount of \$5 million per submittal as determined by a DOT&PF certified estimate.
- Projects pre-scored and Project Evaluation Board (PEB) selections will be made April 21, PEB applications submitted by DOT&PF planning in partnership with community May 15, PEB will meet May 30-31.

Project Background

Kittelson & Associates, Inc. (Kittelson) and Huddle AK prepared a tourism focused traffic study, and to conduct related stakeholder outreach, building upon the *Sitka Short-Term Tourism Plan* prepared by CBS staff in advance of the 2022 summer tourist season. Observations included significant pedestrian crossing activities across Harbor Drive between Harrigan Centennial Hall and Lincoln Street of more than 3,000 pedestrians on high volume cruise ship days. The curvature of Harbor Drive along with tall buildings on the northwest side of the road makes it more dangerous for those pedestrians crossing at that blind spot.

The project is to design and construct a pedestrian crossing improvement across Harbor Drive between Maksoutoff Road and Harrigan Centennial Hall. The crossing may include a traffic control device such as a Rectangular Rapid Flashing Beacon (RRFB) or Pedestrian Hybrid Beacon (PHB). Lighting improvements may also be installed. The final design will be in compliance with the Alaska Traffic Manual and supported by engineering analyses.

This crossing is supported by the 2002 Sitka Non-Motorized Transportation Plan; 2022 Traffic Study; and Goal 1 Quality of Life from the Strategic Plan and 4.4.

Fiscal Note

The total project cost is \$1,510,000. Direction was given at the February 28th Assembly meeting to include an additional 5.01% (\$75,651) local match contribution for 3 points from the Commercial Passenger Excise Tax Fund in addition to the State minimum contribution of 9.03%.

Please note that in addition to any match the Assembly approves, ADOT will require that the CBS take on future maintenance for any newly built facilities.

Recommendation

Approve this resolution authorizing the Municipal Administrator to apply for and execute a Transportation Alternatives (TA) program grant for the State Right of Way Harbor Drive Improvement Safe Pedestrian Crossing Project and include a 5.01% match commitment from the Commercial Passenger Vessel Excise Tax Fund.

CITY AND BOROUGH OF SITKA

RESOLUTION NO. 2023-09

A RESOLUTION OF THE CITY AND BOROUGH OF SITKA (CBS) AUTHORIZING THE MUNICIPAL ADMINISTRATOR TO APPLY FOR AND EXECUTE A GRANT FOR THE TRANSPORTATION ALTERNATIVES SET-ASIDE FROM THE SURFACE TRANSPORTATION BLOCK GRANT PROGRAM WITH THE ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES (ADOT&PF) FOR THE STATE RIGHT OF WAY HARBOR DRIVE IMPROVEMENT SAFE PEDESTRIAN CROSSING PROJECT

WHEREAS, the CBS received a request from the ADOT&PF to nominate projects for inclusion in the Transportation Alternatives (TA) Set-Aside from the Surface Transportation Block Grant (STBG) Program as outlined in the ADOT&PF's application packet; and

WHEREAS, with the increase of the visitor industry specifically the cruise ship passenger projections along with the shuttle operation to Harrigan Centennial Hall for passenger disembarking, the CBS recognizes the need to create a safer crossing across Harbor Drive near Harrigan Centennial Hall; and

WHEREAS, the CBS is participating as an eligible project sponsor in the ADOT&PF Transportation Alternatives Program with federal monies available, administered by ADOT&PF, for the purpose of creating and promoting the planning and development of alternative transportation projects in Alaska; and

WHEREAS, the CBS acknowledges the State will pay the 9.03% match requirement since it is a project on State right of way and recognizes the opportunity for a local match commitment and the availability of funds, understanding that more points are scored for a higher match; and

WHEREAS, the CBS acknowledges the scope, schedule, and estimate confirmation prepared by the State of Alaska Department of Transportation & Public Facilities Southcoast Region; and

WHEREAS, the CBS agrees the facility constructed with federal transportation funds be maintained by the CBS and open to the public for at least 25 years; and

WHEREAS, after appropriate public input and due consideration, the governing body of the CBS has recommended that an application be submitted with a local match commitment to the State of Alaska for the State Right of Way Harbor Drive Improvement Safe Pedestrian Crossing Project.

NOW, THEREFORE, BE IT RESOLVED by the Assembly of the City and Borough of Sitka to authorize the CBS Municipal Administrator to apply for and execute a grant with ADOT&PF for the Transportation Alternatives Program with a match commitment of 5.01% totaling \$75,651 from CBS Commercial Passenger Vessel Excise Tax Fund.

PASSED, APPROVED, AND ADOPTED by the Assembly of the City and Borough of Sitka, Alaska on this 14th day of March 2023.

Steven Eisenbeisz, Mayor

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55 ATTEST:

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58 _____
Sara Peterson, MMC

59 Municipal Clerk

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61 1st and final reading: 3/14/2023

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63 Sponsor: Administrator

Scope, Schedule, Estimate (SSE) Confirmation

Project Name	Harbor Drive Pedestrian Crossing			
DATE	21-Dec-22	CATEGORY	Modernization	
NEED ID	tbd	REASON	<input checked="" type="radio"/> New Project <input type="radio"/> Update SSE	

PLANNING SSE

PROPOSED SCOPE	<p>Design and construct a pedestrian crossing improvement across Harbor Drive between Maksoutoff Road and Centennial Hall. The crossing may include a traffic control device such as a Rectangular Rapid Flashing Beacon (RRFB) or Pedestrian Hybrid Beacon (PHB). Lighting improvements may also be installed. The final design will be in compliance with the Alaska Traffic Manual and supported by engineering analyses.</p> <p>Estimate below provided by community:</p>
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	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	TOTAL
<i>Design</i>	300,000	300,000	200,000								800,000
<i>Utilities</i>											-
<i>Right of Way</i>											-
<i>Construction</i>			1,200,000								1,200,000
TOTAL	300,000	300,000	1,400,000	-							2,000,000

CONFIRMED SSE

CONFIRMED SCOPE	
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	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	TOTAL
<i>Design</i>	300,000	200,000	140,000								640,000
<i>Utilities</i>											-
<i>Right of Way</i>		20,000									20,000
<i>Construction</i>			850,000								850,000
TOTAL	300,000	220,000	990,000	-							1,510,000

Scope, Schedule, Estimate (SSE) Confirmation

Project Name	Harbor Drive Pedestrian Crossing		
DATE	44916	CATEGORY	Modernization
NEED ID	tbd	REASON	<input type="radio"/> New Project <input checked="" type="radio"/> Update SSE

CONSIDERATIONS

SSE	Value	Comments
<i>Basis for Estimate Field Review or Recon List Assumptions & Unknowns</i>	Itemized Approxir	
	Yes	
	Curb Bump outs and Lighting improvements. Unknown drainage structures and underground electrical.	

ENVIRONMENTAL	Value	Comments
<i>Anticipated Environmental Doc Environmental Doc Prep Time 4(F) Involvement Permits Required List Assumptions & Unknowns</i>	CE	
	4 months	
	No	
	No	
	Should be a pretty straight forward CE.	

ROW	Value	Comments
<i>Confidence in ROW Estimate List Assumptions & Unknowns</i>	Moderate	
	Replacement of sidewalk will require TCE's from CBS and a private business which might take a bit more work.	

UTILITY	Value	Comments
<i>Confidence in Utility Estimate List Assumptions & Unknowns</i>	Moderate	
	I don't expect any utility work would be needed.	

OTHER	Value	Comments
<i>Impacts to Annual M&O Bridge Work Included Geotech Considerations List Assumptions & Unknowns</i>	Yes	Two more lights LED lights to pay for and maintain.
	No	
	None	
	I don't expect any bridge or geotech work will be needed.	

CERTIFICATION & APPROVAL

Please adjust comment boxes to fit all text before converting to PDF

Confirmed SSE Prepared By	<div style="border: 1px solid black; padding: 2px;"> <small>DocuSigned by:</small> <small>Name</small> <small>DocuSigned by:</small> <small>Signature, Pre-Construction Engineer</small> Kirk Miller </div>	<div style="border: 1px solid black; padding: 2px;"> 2/10/2023 <small>Date</small> </div>
Confirmed SSE Pre-Construction Approval	<div style="border: 1px solid black; padding: 2px;"> <small>DocuSigned by:</small> <small>Name</small> <small>DocuSigned by:</small> <small>Signature, Planning Chief</small> Marie Heidemann </div>	<div style="border: 1px solid black; padding: 2px;"> 2/10/2023 <small>Date</small> </div>
Confirmed SSE Planner Approval	<div style="border: 1px solid black; padding: 2px;"> <small>DocuSigned by:</small> <small>Name</small> <small>DocuSigned by:</small> <small>Signature, Planning Chief</small> Marie Heidemann </div>	<div style="border: 1px solid black; padding: 2px;"> 2/10/2023 <small>Date</small> </div>

Harbor Drive Crosswalk & Lighting

Project Limit: Mile point 0.06 – 0.085



ENGINEER'S ESTIMATE

State of Alaska
 Department of Transportation
 & Public Facilities
 Southcoast Region

Harbor Drive Crosswalk &
 Lighting

Printed: 2/10/23

Description	Unit	Quantity	Unit Price	Amount
202.0003.0000 Removal of Sidewalk	Square Yard	45	\$30.00	\$1,350.00
202.0002.0000 Removal of Pavement	Square Yard	33	\$30.00	\$990.00
202.0009.0000 Removal of C&G	LF	68	\$18.00	\$1,224.00
301.0001.0000 Aggregate Base Course, Grading D-1	Ton	26	\$120.00	\$3,120.00
608.0006.000 Curb Ramp	EA	2	\$1,700.00	\$3,400.00
608.0001.0004 Concrete Slabs, 4 Inches Thick	SY	37	\$150.00	\$5,550.00
609.0001.0ALL Curb, All Types	LF	84	\$30.00	\$2,520.00
615(1) Standard Sign	Square Foot	18.5	\$300.00	\$5,550.00
640(1) Mobilization and Demobilization	Lump Sum	All Required	\$80,000.00	\$80,000.00
641(1) Erosion, Sediment and Pollution Control Administration	Lump Sum	All Required	\$5,000.00	\$5,000.00
641(3) Temporary Erosion, Sediment and Pollution Control	Lump Sum	All Required	\$10,000.00	\$10,000.00
641(5) Temporary Erosion, Sediment and Pollution Control by Directive	Contingent Sum	All Required	\$5,000.00	\$5,000.00
641(6) Withholding	Contingent Sum	All Required	\$0.00	\$0.00
642(1) Construction Surveying	Lump Sum	All Required	\$20,000.00	\$20,000.00
643(2) Traffic Maintenance	Lump Sum	All Required	\$120,000.00	\$120,000.00
643(23) Traffic Price Adjustment	Contingent Sum	All Required	\$0.00	\$0.00
643(25) Traffic Control	Contingent Sum	All Required	\$25,000.00	\$25,000.00
643(32) Flagging	Contingent Sum	All Required	\$20,000.00	\$20,000.00
643(33) Public Information Program	Lump Sum	All Required	\$10,000.00	\$10,000.00
660.0003.0000 Highway Lighting System Complete	Lump Sum	All Required	\$200,000.00	\$200,000.00
670.0001.0000 Painted Traffic Markings	Lump Sum	All Required	\$25,000.00	\$25,000.00
670.0014.0000 Removal of Pavement Markings	Lump Sum	All Required	\$2,000.00	\$2,000.00
				\$545,704.00
	Pay Item Bid Total			

Construction Engineering (Fixed Amount)	20%	109,140.80	654,844.80
Indirect Cost Allocation Plan (ICAP) Percent	7.18%	47,017.86	701,862.66
Construction Project Total+Factor of Saftey	20%	140,372.53	842,235.19

Project Name: Sawmill Creek RRFB & Lighting

IRIS #: PENDING

Estimated By: NAP

Date: 2/10/2023

<u>Section</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Cost</u>
<u>Design</u>				
Designer	200	Mandays	\$725	\$145,000
Assistant Designer	0	Mandays	\$615	\$0
Drafting	5	Mandays	\$500	\$2,500
Manager	150	Mandays	\$935	\$140,250
Consultant		Lump Sum		\$0
			<u>subtotal</u>	<u>\$287,750</u>
<u>Environmental</u>				
Impact Analyst	120	Mandays	\$640	\$76,800
Cultural Resource	15	Mandays	\$570	\$8,550
Statewide/ Environmental Manager	5	Mandays	\$755	\$3,775
Consultant		Lump Sum		\$0
			<u>subtotal</u>	<u>\$89,125</u>
<u>Location Surveying</u>				
Perdiem Fieldwork	1	Crew week	\$22,775	\$22,775
Non-Perdiem Fieldwork		Crew week	\$14,040	\$0
Data / Designer / Manager	10	Officedays	\$1,145	\$11,450
			<u>subtotal</u>	<u>\$34,225</u>
<u>Geology</u>				
Perdiem Fieldwork	0	Crewdays	\$7,385	\$0
Non-Perdiem Fieldwork	0	Crewdays	\$6,865	\$0
Lab	0	Labdays	\$1,715	\$0
Findings Report	0	Officedays	\$1,820	\$0
			<u>subtotal</u>	<u>\$0</u>
<u>Traffic</u>				
Designer	10	Mandays	\$655	\$6,550
Manager	5	Mandays	\$805	\$4,025
			<u>subtotal</u>	<u>\$10,575</u>
<u>Hydrology</u>				
Technical Engineer	8	Mandays	\$955	\$7,640
Assistant	0	Mandays	\$755	\$0
			<u>subtotal</u>	<u>\$7,640</u>

<u>Section</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Cost</u>
<u>Geotechnical</u>				
Technical Engineer	0	Mandays	\$830	\$0
Assistant	0	Mandays	\$610	\$0
<u>subtotal</u>				\$0

<u>Statewide Foundations</u>				
Perdiem Fieldwork	0	Crewdays	\$7,195	\$0
Report / Manager	0	Mandays	\$1,715	\$0
Lab	0	Labdays	\$1,820	\$0
Technical Engineer	0	Mandays	\$780	\$0
<u>subtotal</u>				\$0

<u>Bridge Design</u>				
Technical Engineer	0	Mandays	\$900	\$0
Drafting	0	Mandays	\$505	\$0
<u>subtotal</u>				\$0

<u>ROW Title & Plans</u>				
Data / Designer	5	Mandays	\$635	\$3,175
Manager	2	Mandays	\$920	\$1,840
In-House ROW Survey	8	Crewdays	\$2,600	\$20,800
Contract ROW Survey / Certification		Lump Sum	\$0	\$0
<u>subtotal</u>				\$25,815

<u>Utilities</u>				
Designer	16	Mandays	\$630	\$10,080
Utilities Associate	5	Mandays	\$655	\$3,275
Utility Company PE Billings		Lump Sum		\$0
Manager	2	Mandays	\$830	\$1,660
<u>subtotal</u>				\$15,015

<u>Construction Review</u>				
Project Review	For Approx. Phase 4 Cost	Use		
	Under \$1.0 Million		\$10,000	
	\$1.0 Million to \$5.0 Million		\$15,000	
	Over \$5.0 Million		\$20,000	
	Lump Sum		\$10,000	\$10,000
<u>subtotal</u>				\$15,000

<u>Contracts / Review</u>				
Review Engineer	12	Mandays	\$830	\$9,960
Contract Manager	10	Mandays	\$1,125	\$11,250
<u>subtotal</u>				\$21,210

ICAP 7.18% **\$23,495**

Travel 0.0% **\$3200**

Total Phase 2 Cost \$533,000

Total Phase 2 Cost 20% Factor Safety \$ 639,600