



Puget Sound Regional Council

# Funding Application

<b>Competition</b>	Regional TAP
<b>Application Type</b>	Bicycle and Pedestrian
<b>Status</b>	submitted
<b>Submitted:</b>	September 20th, 2017 5:45 PM

## Project Information

- Project Title**  
Northwood Elementary Safe Routes to School
- Transportation 2040 ID**  
N/A
- Sponsoring Agency**  
Mercer Island
- Cosponsors**  
N/A
- Does the sponsoring agency have "Certification Acceptance" status from WSDOT?**  
Yes
- If not, which agency will serve as your CA sponsor?**  
N/A

## Contact Information

- Contact name**  
Casey Nelson
- Contact phone**  
206-275-7655
- Contact email**  
casey.nelson@mercergov.org

## Project Description

- Project Scope**  
This project will construct walkways including curb and gutter, ADA curb ramps, driveways, and a new bike lane. It will install new crosswalk pavement markings and retrofit existing street lights to LED. Stormwater catch basins will be installed or relocated to improve drainage. Vegetation obstructing walkway will be removed and replaced at appropriate locations.
- Project Justification, Need, or Purpose**  
This project will provide critical safety and mobility improvements for youth and other residents that routinely walk to community facilities and adjoining neighborhoods. It will complete the gap in the existing sidewalk facilities and bicycle facilities. It will improve ADA accessibility throughout the corridor.

## Project Location

- Project Location**

SE 40th St

2. **Please identify the county(ies) in which the project is located.**

King

3. **Crossroad/landmark nearest the beginning of the project**

88th Ave SE

4. **Crossroad/landmark nearest the end of the project**

Gallagher Hill Road

5. **Map and project graphics**

Upload\_\_1\_Project\_Map.pdf

## Plan Consistency

1. **Is the project specifically identified in a local comprehensive plan?**

Yes

2. **If yes, please indicate the (1) plan name, (2) relevant section(s), and (3) page number where it can be found.**

1. Safe Routes to New Elementary School (in 2015-2016 Capital Improvement Program)

2. See Sections: Project Highlights (2015-2016), CIP Project Summary (Funded Streets, Pedestrian and Bicycle Facilities), and Individual Project Sheets.

3. Pages: G-9,G-121, G-138

3. **If no, please describe how the project is consistent with the applicable local comprehensive plan, including specific local policies and provisions the project supports.**

N/A

## Federal Functional Classification

1. **Functional class name**

16 Urban Minor Arterial

## Support for Centers

1. **Describe the relationship of the project to the center(s) it is intended to support. For example, is it located within a designated regional, countywide or local center, or is it located along a corridor connecting to one of these areas?**

This project is part of the main route to the Town Center. It, also, serves an elementary school, high school, Public Pool, Boys and Girls Club, churches, public parks, and high density housing. Furthermore, four King County bus routes directly serve this corridor.

2. **Describe how the project supports existing and/or planned population/employment activity in the center.**

This project serves commuters, pedestrians, and bicyclists that work at the elementary or high school, Town Center, Downtown Seattle, or Downtown Bellevue.

3. **Describe how the project helps the center develop in a manner consistent with the adopted policies and plans for the center.**

This project serves large broad range of users that include the elderly population, school students, minority, low income, and disabled persons. It improves walking, biking, and transit use.

## Criteria: Bicycle and Pedestrian Projects

1. **Describe how the project extends or completes a regional or local bicycle and pedestrian system, and/or adds facilities to an existing bicycle and pedestrian system or network.**

This project extends the Safe Routes to School system serving Northwood Elementary and Mercer Island High School.

2. **Describe how the project addresses a need in the community and reduces key barriers to use and functionality, i.e., safety and comfort, distance, slope, gaps, etc.**

The existing conditions have significant safety, comfort, and accessibility concerns which include sub-standard walkways ranging from 2ft to 4ft wide that have root heave and steep cross slopes. It also has numerous non-ADA compliant curb ramps, drainage deficiencies,

and poor lighting. The new sidewalk will be installed at 5ft wide and will include ADA compliant ramps. Drainage facilities will be improved and street lighting will be upgraded to LED retrofits.

**3. Describe the connections to other multimodal facilities the project provides.**

This corridor directly serves four King County Metro Bus stops and indirectly provides access to the Mercer Island Presbyterian Church Park and Ride and Mercer Island Park and Ride. In 2023, this corridor will indirectly provide access to the future Mercer Island Light Rail Station.

**4. Describe how the project will benefit a variety of user groups, including those groups identified in the President's Order for Environmental Justice, seniors, people with disabilities, those located in highly impacted communities and/or areas experiencing high levels of unemployment or chronic underemployment.**

This corridor serves adult and school aged pedestrians and bicyclists, disabled persons (11% of the population), elderly persons (22% of the population) and minorities (29% of the population). This project will improve safety and accessibility of this corridor by constructing ADA compliant routes and facilities.

**5. Discuss whether the resource is threatened and if there will be a loss of opportunity if this project is not funded.**

TAP funds will allow us to enhance this project area and create even more advocacy for PBF improvements along the route to this Center.

### PSRC Funding Request

**1. Has this project received PSRC funds previously?**

No

**2. If yes, please provide the project's PSRC TIP ID**

N/A

Phase	Year	Alternate Year	Amount
construction	2018	2019	\$300,000.00

Total Request: \$300,000.00

### Total Estimated Project Cost and Schedule

#### PE

Funding Source	Secured/Unsecured	Amount
Local	Secured	\$51,000.00
		<u>\$51,000.00</u>

**Expected year of completion for this phase: 2016**

#### Construction

Funding Source	Secured/Unsecured	Amount
Local	Secured	\$54,000.00
TAP	Unsecured	\$300,000.00
		<u>\$354,000.00</u>

**Expected year of completion for this phase: 2018**

#### Other

Funding Source	Secured/Unsecured	Amount
Local	Secured	\$49,000.00
		<u>\$49,000.00</u>

**Expected year of completion for this phase: 2018**

### Summary

**1. Estimated project completion date**

Nov 2018

2. **Total project cost**  
\$454,000.00

## Funding Documentation

### 1. Documents

Upload\_\_2\_Funding\_Documentation.pdf

2. **2. Please describe the secure or reasonably expected funds identified in the supporting documentation. For funds that are reasonably expected, an explanation of procedural steps with milestone dates for completion which will be taken to secure the funds for the project or program should also be included.**

The City of Mercer Island adopted 2015-2016 Capital Improvement Project allocated \$354,000 for construction. This project has been delayed until 2018.

## Project Readiness: PE

1. **Are you requesting funds for ONLY a planning study or preliminary engineering?**  
No
2. **Is preliminary engineering complete?**  
Yes
3. **What was the date of completion (month and year)?**  
June 2017
4. **Have preliminary plans been submitted to WSDOT for approval?**  
N/A
5. **Are there any other PE/Design milestones associated with the project? Please identify and provide dates of completion. You may also use this space to explain any dates above.**  
N/A
6. **When are preliminary plans expected to be complete and approved by WSDOT (month and year)?**  
N/A

## Project Readiness: NEPA

1. **What is the current or anticipated level of environmental documentation under the National Environmental Policy Act (NEPA) for this project?**  
Categorical Exclusion (CE)
2. **Has the NEPA documentation been approved?**  
No
3. **Please provide the date of NEPA approval, or the anticipated date of completion (month and year).**  
Mar 2018

## Project Readiness: Right of Way

1. **Will Right of Way be required for this project?**  
No
2. **How many parcels do you need?**  
N/A
3. **What is the zoning in the project area?**  
N/A
4. **Discuss the extent to which your schedule reflects the possibility of condemnation and the actions needed to pursue this.**  
N/A
5. **Does your agency have experience in conducting right of way acquisitions of similar size and complexity?**  
N/A

6. **If not, when do you expect a consultant to be selected, under contract, and ready to start (month and year)?**  
N/A
7. **In the box below, please identify all relevant right of way milestones, including the current status and estimated completion date of each.**  
N/A

## Project Readiness: Construction

1. **Are funds being requested for construction?**  
Yes
2. **Do you have an engineer's estimate?**  
Yes
3. **Engineers estimate document**  
Upload\_\_3\_Engineer's\_Estimate.pdf
4. **Identify the environmental permits needed for the project and when they are scheduled to be acquired.**  
Not applicable due to categorical exclusions.
5. **Are Plans, Specifications & Estimates (PS&E) approved?**  
Yes
6. **Please provide the date of approval, or the date when PS&E is scheduled to be submitted for approval (month and year).**  
June 2016
7. **When is the project scheduled to go to bid (month and year)?**  
April 2018

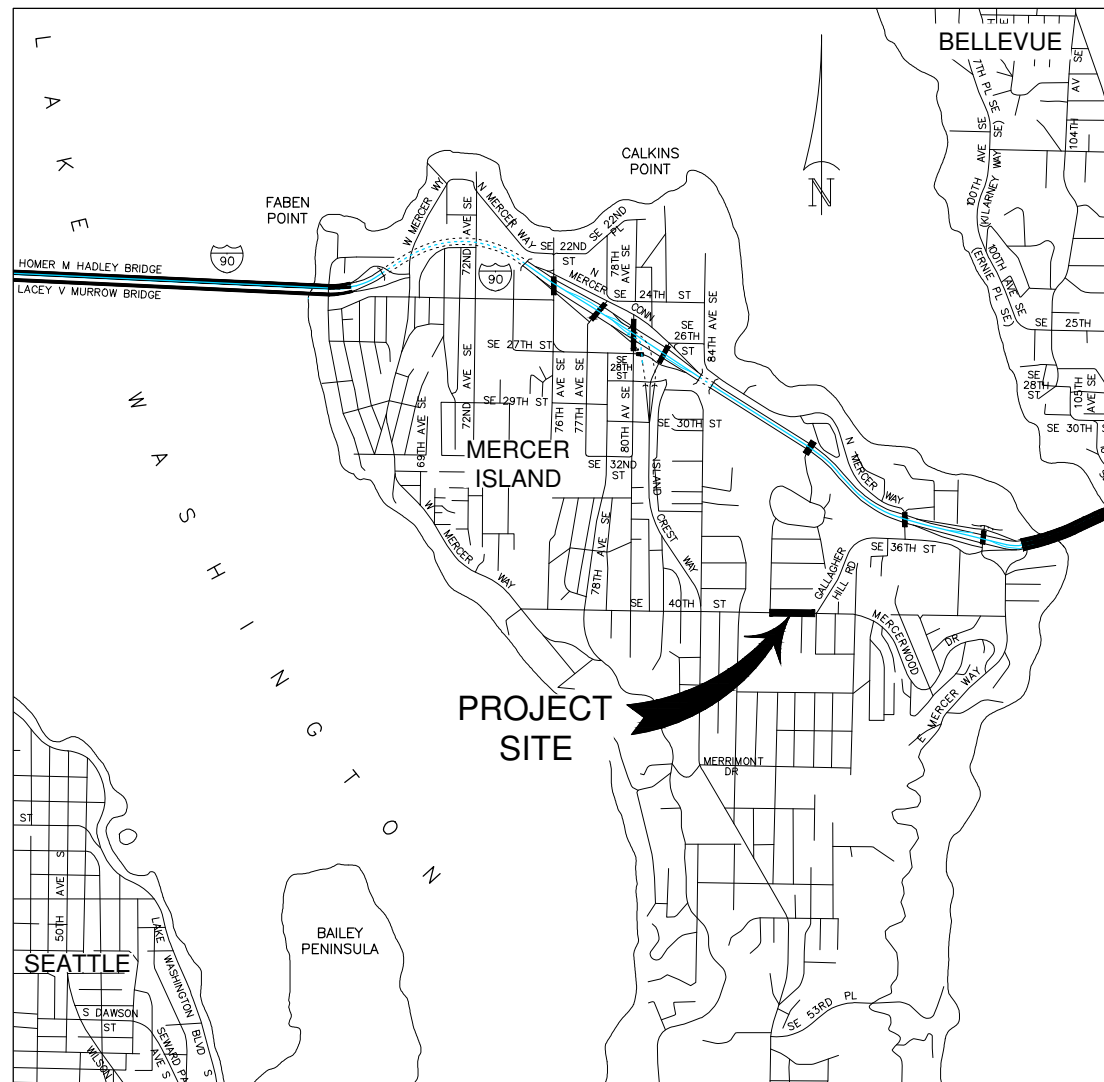
## Other Considerations

1. **Describe any additional aspects of your project not requested in the evaluation criteria that could be relevant to the final project recommendation and decision-making process.**  
Please note that if selected, the City will contribute 33% of the total project cost.
2. **Describe the public review process for the project and actions taken to involve stakeholders in the project's development.**  
The school district and residents were strong advocates for this project during and before the Transportation Improvement Plan Public Comment Period.
3. **Final documents**  
N/A

# CITY OF MERCER ISLAND

## Northwood Elementary Safe Routes to School

### SE 40TH STREET IMPROVEMENTS



VICINITY MAP  
N.T.S.

#### SHEET INDEX

SHEET TITLE	DRAWING #	SHEET #
COVER SHEET, INDEX & VICINITY MAP	GN1	1
LEGEND & ABBREVIATIONS	LG1	2
ALIGNMENT PLAN	AL1	3
TYPICAL ROADWAY SECTIONS	RS1	4
SITE PREPARATION PLAN	SP1-SP4	5 - 8
PAVING PLAN	PV1-PV4	9 - 12
PAVING DETAILS	PVD1-PVD4	13 - 16
CHANNELIZATION AND SIGNING PLAN	CH1-CH4	17 - 20

CITY OFFICIALS:

MAYOR:

BRUCE BASSETT

DEPUTY MAYOR:

DEBBIE BERTLIN

COUNCIL MEMBERS:

DAN GRAUSZ  
JEFF SANDERSON  
WENDY WEIKER  
DAVID WISENTEINER  
BENSON WONG

RECOMMENDED FOR APPROVAL:

PROJECT ENGINEER

TRAFFIC ENGINEER

MAINTENANCE SUPERINTENDENT

CONSTRUCTION MANAGER

APPROVED BY:

CITY ENGINEER

DIRECTOR

Final Opinion of Cost  
 City of Mercer Island  
 Northwood Elementary Safe Routes to School  
 6/2/2017  
 20150279.000

Spec. Section	ITEM	UNITS	QUANTITY	UNIT PRICE	AMOUNT
<b>SCHEDULE A</b>					
1-05SP	Roadway Surveying (1%)	LS	1	\$ 3,000	\$ 3,000
1-07	SPCC Plan	LS	1	\$ 500	\$ 500
1-09	Mobilization (8%)	LS	1	\$ 22,000	\$ 22,000
1-10SP	Project Temporary Traffic Control	LS	1	\$ 50,000	\$ 50,000
2-01SP	Clearing and Grubbing	SF	4,360	\$ 1	\$ 4,360
2-01SP	Remove Tree	EA	13	\$ 750	\$ 9,750
2-02SP	Removal of Structures and Obstructions	LS	1	\$ 3,000	\$ 3,000
2-02SP	Asphalt Pavement Removal	SY	1,000	\$ 20	\$ 20,000
2-02	Removing Cement Conc. Sidewalk	SY	20	\$ 40	\$ 800
2-02	Removing Cement Conc. Curb and Gutter	LF	23	\$ 35	\$ 805
2-02	Removing Cement Conc. Sloped Mountable Curb	LF	23	\$ 15	\$ 345
4-04	Crushed Surfacing Top Course	TON	280	\$ 50	\$ 14,000
5-04	Commercial HMA	TON	40	\$ 170	\$ 6,800
5-04	HMA for Pavement Repair CL. 1/2 In. PG 64-22	TON	130	\$ 170	\$ 22,100
7-12SP	Adjust Water Valve Box	EA	4	\$ 450	\$ 1,800
8-01	Erosion/Water Pollution Control	EST	1	\$ 2,000	\$ 2,000
8-01	Silt Fence	LF	80	\$ 3	\$ 240
8-01SP	Seeding, Fertilizing, and Mulching by Hand	SY	330	\$ 2	\$ 660
8-02	Topsoil Type A	CY	60	\$ 55	\$ 3,300
8-02SP	Property Restoration	EST	1	\$ 15,000	\$ 15,000
8-04	Cement Conc. Traffic Curb and Gutter	LF	1,000	\$ 25	\$ 25,000
8-04	Cement Conc. Pedestrian Curb	LF	350	\$ 25	\$ 8,750
8-09	Raised Pavement Markings, Type 1	EA	40	\$ 8	\$ 320
8-09	Raised Pavement Markings, Type 2	EA	10	\$ 10	\$ 100
8-13SP	Adjust Monument Case	EA	1	\$ 600	\$ 600
8-14	Cement Conc. Sidewalk	SY	290	\$ 60	\$ 17,400
8-14	Cement Conc. Curb Ramp, Type Parallel A	SY	30	\$ 300	\$ 9,000
8-14	Cement Conc. Curb Ramp, Type Perpendicular A	SY	40	\$ 300	\$ 12,000
8-14	Cement Conc. Curb Ramp, Type Single Direction A	SY	100	\$ 300	\$ 30,000
8-21	Permanent Signing	LS	1	\$ 2,500	\$ 2,500
8-22	Paint Line	LF	17	\$ 10	\$ 170
8-22	Plastic Stop Line	LF	110	\$ 12	\$ 1,320
8-22	Plastic Crosswalk Line	SF	620	\$ 10	\$ 6,200
<b>Schedule A Construction Total</b>					<b>\$ 293,900</b>

Final Opinion of Cost City of Mercer Island Northwood Elementary Safe Routes to School 6/2/2017 20150279.000					
Spec. Section	ITEM	UNITS	QUANTITY	UNIT PRICE	AMOUNT
<b>SCHEDULE B</b>					
1-05	Roadway Surveying (1%)	LS	1	\$ 1,000	\$ 1,000
1-07	SPCC Plan	LS	1	\$ 500	\$ 500
1-09	Mobilization (8%)	LS	1	\$ 4,000	\$ 4,000
2-02	Removing Existing Drainage Structure	EA	2	\$ 750	\$ 1,500
2-02	Removing Existing Drainage Pipe	LF	123	\$ 12	\$ 1,476
4-04	Crushed Surfacing Top Course	TON	80	\$ 50	\$ 4,000
7-04	Ductile Iron Storm Sewer Pipe, 12 In. Diam.	LF	124	\$ 100	\$ 12,400
7-05	Adjust Catch Basin	EA	11	\$ 500	\$ 5,500
7-05	Adjust Manhole	EA	1	\$ 750	\$ 750
7-05	Catch Basin Type 1	EA	5	\$ 1,500	\$ 7,500
7-05	Catch Basin Type 2 48 In. Diam.	EA	1	\$ 3,250	\$ 3,250
8-14 SP	Curb Cover with Frame	EA	3	\$ 1,000	\$ 3,000
8-01	Erosion/Water Pollution Control	EST	1	\$ 2,000	\$ 2,000
8-01	Inlet Protection	EA	18	\$ 85	\$ 1,530
8-04	Cement Conc. Pedestrian Curb, Modified	LF	20	\$ 30	\$ 600
8-26SP	Potholing	EST	1	\$ 5,000	\$ 5,000
<b>Schedule B Construction Total</b>					<b>\$ 54,100</b>



Final Opinion of Cost City of Mercer Island Northwood Elementary Safe Routes to School 6/2/2017 20150279.000					
Spec. Section	ITEM	UNITS	QUANTITY	UNIT PRICE	AMOUNT
<b>SCHEDULE C</b>					
1-05	Roadway Surveying (1%)	LS	1	\$ 2,000	\$ 2,000
1-07	SPCC Plan	LS	1	\$ 500	\$ 500
1-09	Mobilization (8%)	LS	1	\$ 10,000	\$ 10,000
1-10SP	Project Temporary Traffic Control	LS	1	\$ 50,000	\$ 50,000
2-01	Clearing and Grubbing	SF	2,480	\$ 1	\$ 2,480
2-01SP	Remove Tree	EA	3	\$ 750	\$ 2,250
2-02	Removal of Structures and Obstructions	LS	1	\$ 3,000	\$ 3,000
2-02	Asphalt Pavement Removal	SY	500	\$ 20	\$ 10,000
2-02	Removing Cement Conc. Sidewalk	SY	10	\$ 40	\$ 400
4-04	Crushed Surfacing Top Course	TON	80	\$ 50	\$ 4,000
5-04	Commercial HMA	TON	70	\$ 170	\$ 11,900
8-01	Erosion/Water Pollution Control	EST	1	\$ 2,000	\$ 2,000
8-01	Seeding, Fertilizing, and Mulching by Hand	SY	220	\$ 2	\$ 440
8-02	Topsoil Type A	CY	40	\$ 55	\$ 2,200
8-02SP	Property Restoration	EST	1	\$ 15,000	\$ 15,000
8-14	Cement Conc. Driveway Entrance Type 3	SY	210	\$ 65	\$ 13,650
8-14	Detectable Warning Surface	SF	10	\$ 100	\$ 1,000
8-21	Permanent Signing	LS	1	\$ 300	\$ 300
<b>Schedule C Construction Total</b>					<b>\$ 131,200</b>
<b>FINAL OPINION OF COST</b>					<b>\$ 480,000</b>