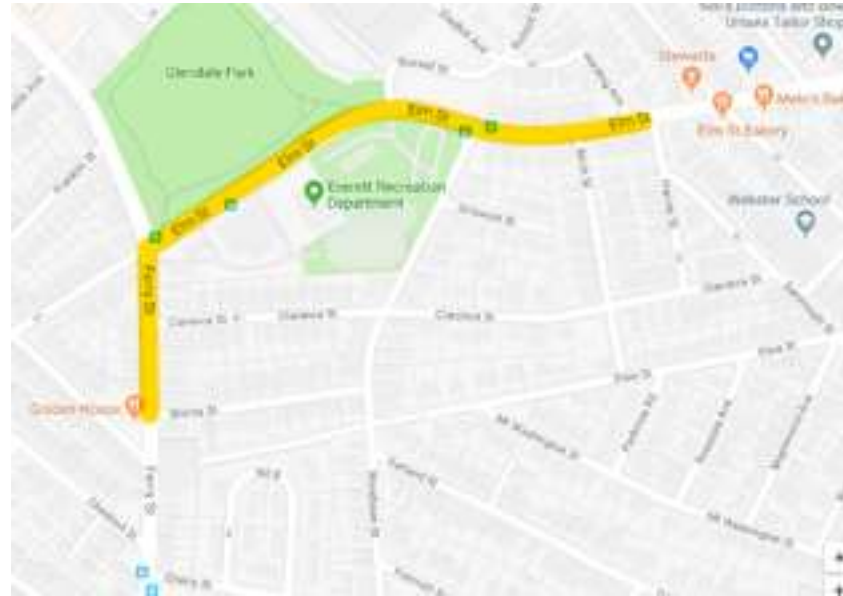


# Elm and Ferry Streets



## City of Everett ADA Transition Plan

July 2018



Institute for Human Centered Design

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## Elm and Ferry Streets

### Background

The area in Everett that was surveyed spans from the intersection of Elm Street and Harvey Street, to the intersection of Ferry Street and Shirley Street. The surveyed area is approximately 1/2 a mile long, and contains a convenience store, the police station, the Allied Veterans Skating Rink, the Sammy Gentile Recreation Center, the 911 Emergency Call Center, the Ferry Street Fire Station, a bus shelter, and an access point for Everett High School.

### Key Accessibility Issues:

#### Detectable Warnings

Detectable warnings were some of the most common and prominent issues within the area surveyed. Some intersections completely lacked detectable warnings.

#### Curb Ramps

Many curb ramps either had excessive slopes, or did not have properly graded landings due to improper cross slopes. Some curb ramps are not flush with the street, and have changes in level of up to 3 inches.

#### Pedestrian Signals

A pedestrian signal in front of the skating rink lacks a 30-inch by 48-inch clear floor space alongside it.

#### Sidewalk Surfaces

The majority of Elm Street has an excessive cross slope, and dips significantly towards the road. This is potentially a major concern for pedestrians using mobility aids. In addition, there are many openings and level changes along both areas, creating tripping hazards.

#### Access to Features

The Fire Station Memorial is not accessible due to a step to access the walkway.

#### Additional Accessibility Issues

- Crosswalk markings are worn away in some areas.
- Surface openings greater than 1/2 inch wide.

### Order of Magnitude Cost Estimates





- Accessible route to memorial: \$390
- Sidewalk regrading: \$331
- Repairing curb ramps and providing detectable warnings: \$5,628
- Providing clear floor space at pedestrian signal: \$92

**Total: \$ 6,441**






### Universal Design Recommendations

- Consider repainting or resurfacing crosswalks to repair faded and broken sections of the crosswalk. This will better indicate the area as a crosswalk.
- Consider prioritizing signaling crossing across major points of interest, such as the access point for Everett High School. These additions could enhance safety for the residents of Everett.
- Consider extending signaled crossing times to serve Everett's residents better.



**City of Everett**  
**Elm and Ferry Streets Exterior Routes**

ID	Location	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
<b>Pedestrian Access Routes</b>										
<b>Walking Surface</b>										
1	Fire Station Memorial on Elm St.	Walking Surface	Point of Interest		Accessible route not provided	5.5"	Provide an accessible route.	1	390	\$390
2	Lamppost at Corner of Elm St.	Walking Surface	Sidewalk		Surface openings > 1/2"	-	Infill area around lamppost with concrete.	1	31	\$31
3	Walking Surface Along Elm St.	Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%)	3.5%	Reduce cross slope to be no steeper than 1:50 (2.00%). (Cost Estimate for 15' of concrete route.)	1	300	\$300
<b>Curb Ramps and Blended Transitions</b>										
<b>Curb Ramp</b>										
4	Crossing at Everett High School	Curb Ramp	N/A		Curb ramp not provided	3"	Provide curb ramp at intersection.	1	1225	\$1225

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ID	Location	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
<b>Diagonal Curb Ramp</b>										
5	Corner of Elm St. & Ferry St.	Diagonal Curb Ramp	N/A		Detectable warning not provided	-	Provide a detectable warning on the curb ramp.	1	180	\$180
<b>Perpendicular Curb Ramp</b>										
6	Crossing at Woodlawn St.	Perpendicular Curb Ramp	N/A		Running slope is > 1:12 (8.33%) Transition from curb ramp to street is not flush	10.4% 3"	Rebuild curb ramp. Reduce running slope to be no steeper than 1:12 (8.33%). Ensure transition from curb ramp to street is flush or free of changes in level.	1	1225	\$1225
7	Crossing at Ferry St. & Pasquale Sq.	Perpendicular Curb Ramp	N/A		Running slope is > 1:12 (8.33%) Clear length at landing < 48" Detectable warning not provided	16.1% 37" 2	Rebuild curb ramp. Reduce running slope to be no steeper than 1:12 (8.33%). Ensure the length at landing is at least 48" long. Provide a detectable warning on the curb ramps on both sides of the intersection.	1	1585	\$1585
8	Crossing in Front of Skating Rink	Perpendicular Curb Ramp	N/A		Transition from curb ramp to street is not flush Landing > 1:50 (2.00%) Detectable warning not provided Landing not provided at top of curb ramp	1.5" 6.5% - -	Ensure transition from curb ramp to street is flush or free of changes in level. Provide landing at top of curb ramp or reconfigure ramp. Provide a detectable warning on the curb ramp.	1	693	\$693
9	Corner of Elm St. & Ferry St.	Perpendicular Curb Ramp	N/A		Detectable warning not provided	-	Provide a detectable warning on the curb ramps.	2	180	\$360

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ID	Location	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
10	Crossing at Everett High School	Perpendicular Curb Ramp	N/A		Detectable warning not provided	-	Provide a detectable warning on the curb ramps.	2	180	\$360
<b>Pedestrian Signals and Pushbuttons</b>										
<b>Accessible Pedestrian Signals</b>										
11	Crossing in Front of Skating Rink	Accessible Pedestrian Signals	N/A		Clear ground space not provided at controls	-	Ensure a 30" by 48" level clear floor space is provided at controls. (Cost estimate for leveling concrete at this area.)	1	92	\$92