

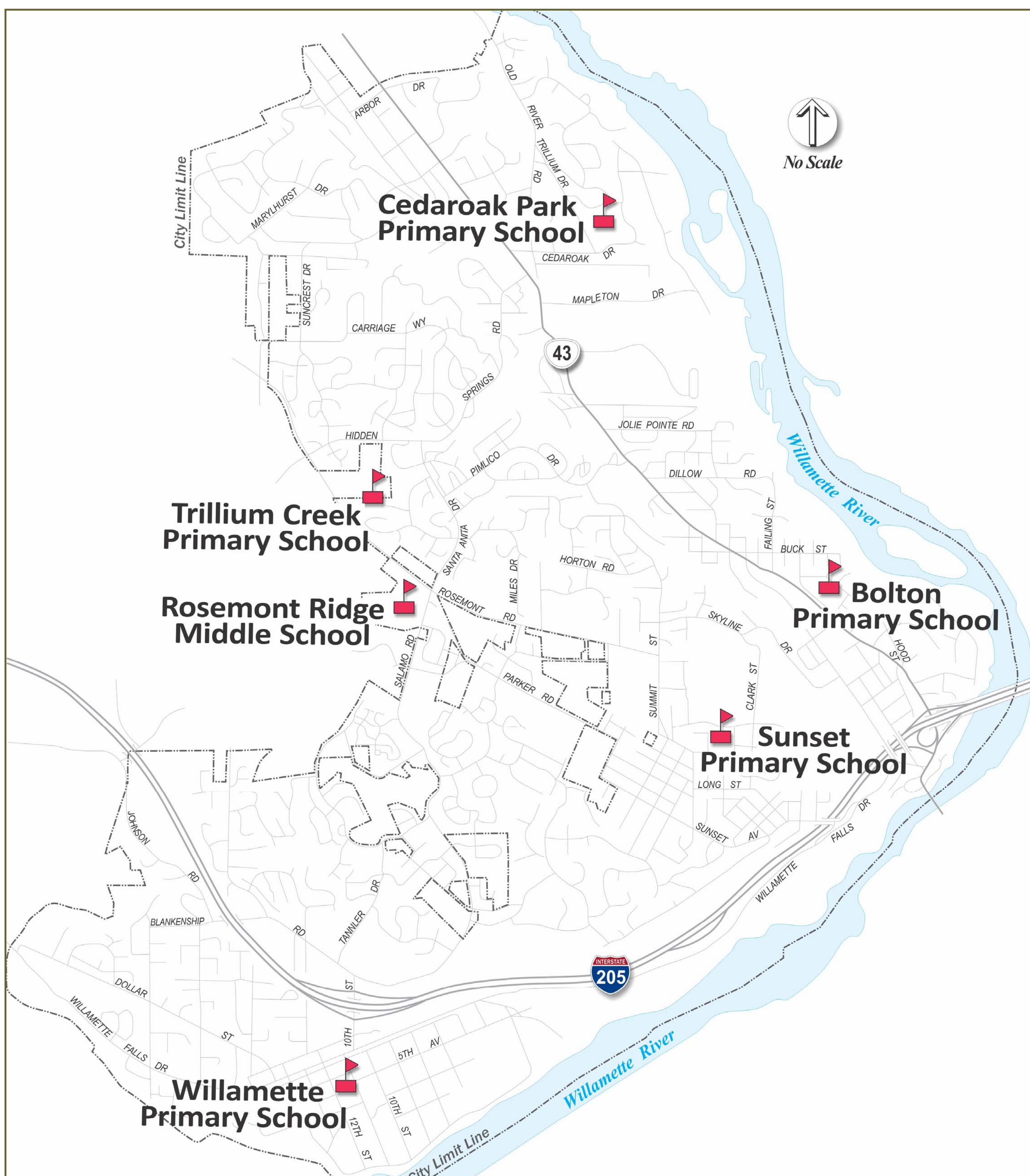
Project Background

The goal of this project was to evaluate the existing safe routes to school plans, identify potential projects to improve the pedestrian network for each school, and prioritize the projects with the highest benefits. The following six West Linn-Wilsonville School District schools were evaluated in this study:

- . Bolton Primary School
- . Cedaroak Park Primary School
- . Rosemont Ridge Middle School
- . Sunset Primary School
- . Trillium Creek Primary School
- . Willamette Primary School



Map of School Locations



What are Safe Routes to School?

Safe Routes to School are safe walking and biking routes to and from schools. They are typically characterized by marked pedestrian crossings, sidewalks and bike lanes, flashing beacons, and other enhancements. Safe Routes to School aim to make it safe, convenient, and fun for children to walk and bicycle to and from schools. The goal is to improve safety while increasing health and physical activity.

What are Walking Boundaries and How are They Defined?

The school walk zone, or walking boundary, is typically a subset of the enrollment zone. School walking boundaries may be defined by State or Local policy, but if not, a general rule of thumb is that the walking boundary is 1/2 mile or 1-mile out from an elementary school, sometimes farther for middle and high schools.

Walk zones defined by policy typically indicate the area within which students are NOT provided with bus service.

Ideally, the walking boundary would be represented by a circular area with the school located at the center, but rarely is the walk zone an exact circle. A child's route to school should have a minimal number of busy street crossings or require crossing bodies of water or other barriers. Some students will live too far away from the school to reasonably be expected to walk, and they are typically provided with bus service.

Prioritization Methodology

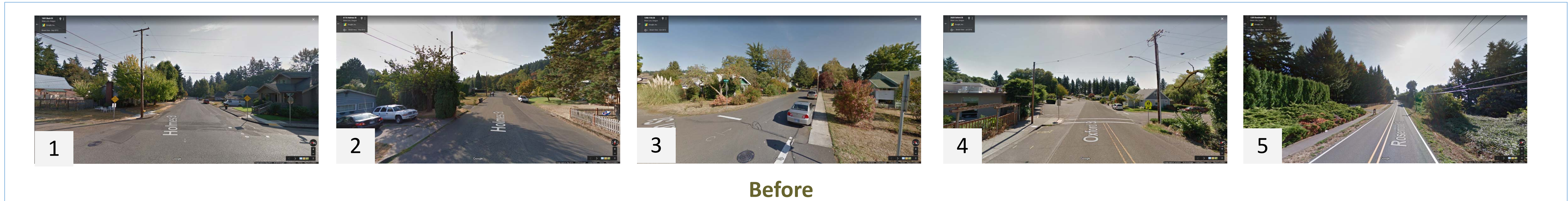
The project team used the following five criteria to evaluate and prioritize the Safe Routes to School projects to make the most efficient use of the limited funding available.

- . Accessibility - Does this project make the school more accessible (ie: curbramps)?
- . Connectivity - Does this project provide new connections to the school?
- . Safety - Does this project reduce the risk of a crash?
- . Proximity - How much of the walking boundary does the project serve?
- . Transportation System Plan Project - Is this project included in the City's TSP?



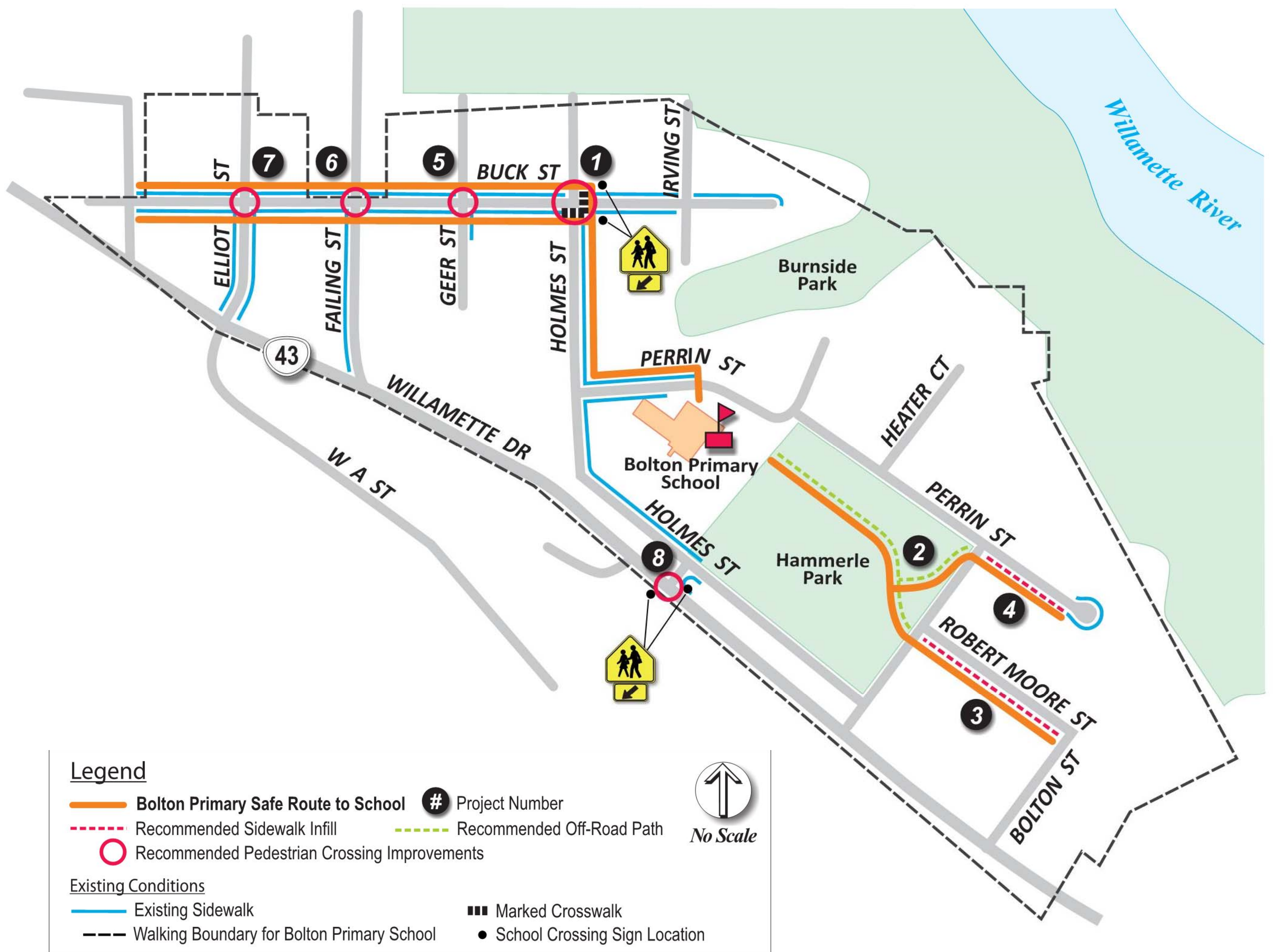
What Projects Have Already Been Completed?

	1	2	3	4	5
Location	Buck Street at Holmes Street	Holmes Street north of Bolton Primary	5th Avenue near 11th Street	Oxford Street and Bittner Street	Rosemont Road between Wild Rose Drive and Salamo Road
Project	Install new sidewalk	Install new sidewalk on the east side	Install new sidewalk	Install new sidewalk on both sides	Install sidewalk on both sides and cycle track
Year Completed	2018	2014	2018	2018	2018
Publicly or Privately Funded?	Privately-funded as part of new house construction	Publicly funded, capital improvement project PW-14-11	Privately funded as part of new house construction	City-School District partnership as part of new school construction	City-Developer partnership as part of Tanner Ridge subdivision
School	Bolton Primary	Bolton Primary	Willamette Primary	Sunset Primary	Trillium Creek Primary and Rosemont Ridge Middle School



Bolton Primary School - Project List

Project	Roadway	From	To	Project Description	Cost Estimate
B1	Holmes Street	Buck Street	-	Pedestrian crossing markers and signs on west and north legs	\$10,000
B2	Perrin Street	Lewis Street	Bolton Primary	Install meandering asphalt path through Bolton Park to serve houses east of school	\$60,000
B3	Robert Moore Street	Bolton Street	Lewis Street	Install sidewalk on north side	\$120,000
B4	Perrin Street	Lewis Street	End of Perrin Street	Install sidewalk on south side	\$100,000
B5	Buck Street	Gear Street	-	Install new curb ramps at intersection	\$80,000
B6	Buck Street	Failing Street	-	Install ADA curb ramps on all corners	\$50,000
B7	Buck Street	Elliott Street	-	Upgrade ramps on NW and SW corners	\$30,000
B8	Willamette Drive	Holmes Street	Holmes Street	Install pedestrian refuge island	\$110,000



Cedaroak Park Primary School - Project List

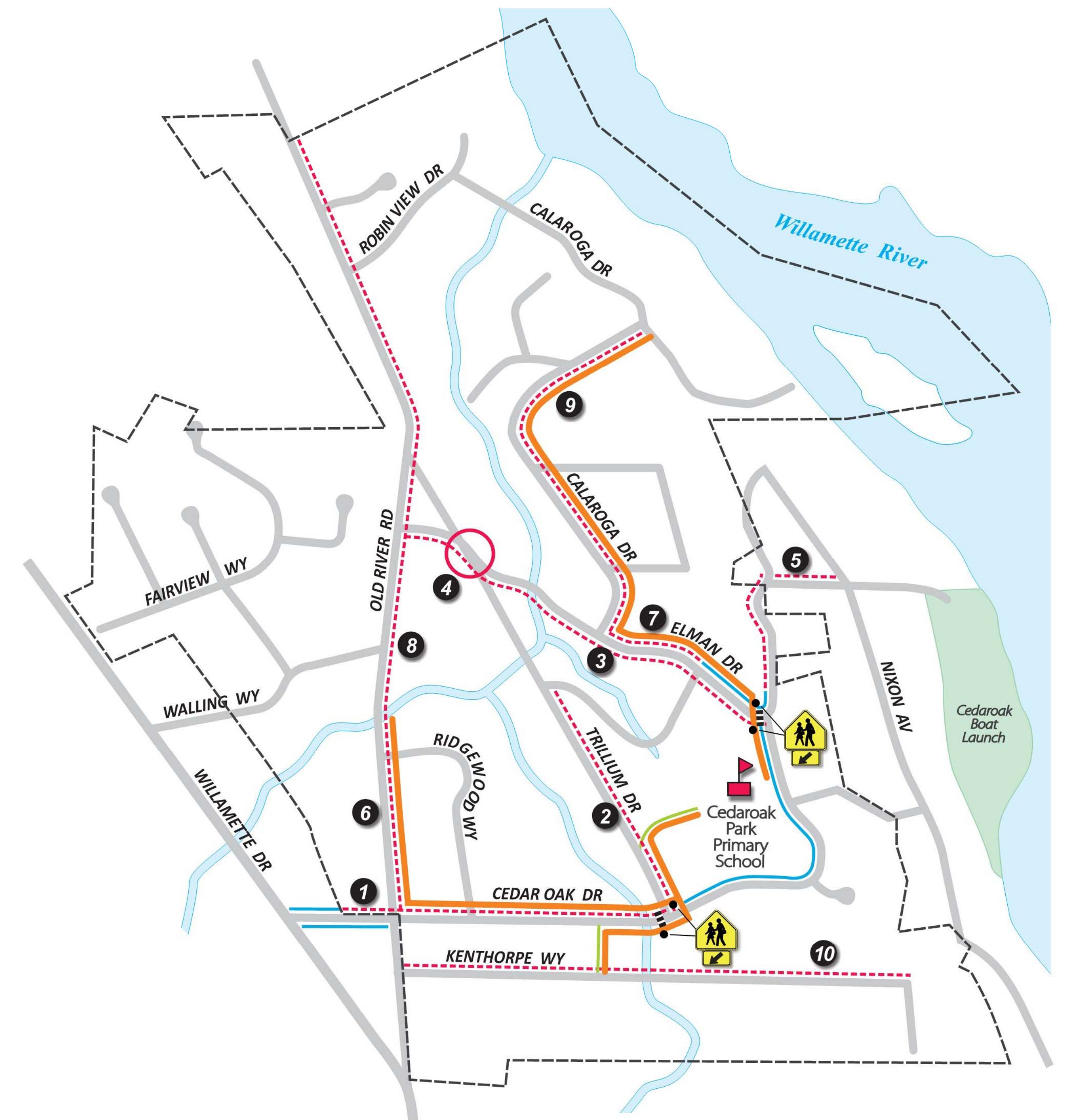
Project	Roadway	From	To	Project Description	Cost Estimate
C1	Cedar Oak Drive	Trillium Drive	Highway 43	Install sidewalk on north side	\$880,000
C2	Trillium Drive	Glen Terrace	Cedar Oak Drive	Install sidewalk on east side	\$470,000
C3	Elmran Drive	Old River Road	Cedar Oak Drive	Install sidewalk on south side	\$1,610,000
C4	Elmran Drive	Trillium Drive	-	Add pedestrian crosswalk marking and school crossing signs	\$10,000
C5	Elmran Drive	Cedar Oak Drive	Nixon Ave	Install sidewalk on east/north side	\$510,000
C6	Old River Road	Cedar Oak Drive	Creek	Install sidewalk on east side	\$350,000
C7	Elmran Drive	Glen Terrace	Calaroga Court	Install sidewalk on north side	\$160,000
C8	Old River Road	Creek	Riverside Court	Install sidewalk on east side	\$930,000
C9	Calaroga Drive	Elmran Drive	Calaroga Court	Install sidewalk on east side	\$640,000
C10	Kenthrope Way	Old River Road	End of road	Install sidewalk on north side	\$830,000

Legend

- Cedaroak Park Primary Safe Route to School
- Recommended Sidewalk Infill
- Recommended Pedestrian Crossing Improvements
- Project Number
- No Scale

Existing Conditions

- Existing Sidewalk
- Off-Road Path
- Marked Crosswalk
- School Crossing Sign
- Walking Boundary for Cedaroak Park Primary School



Rosemont Ridge Middle School - Project List

Project	Roadway	From	To	Project Description	Cost Estimate
R1	Salamo Road	Hoodview Ave	Hoodview Ave	Extend northbound left turn lane to school driveway, add marked crosswalk & signage with pedestrian refuge on south side of intersection, recommend a crossing guard	\$30,000
R2	Rosemont Road	Salamo Road	Salamo Road	Install school crossing signs	\$20,000

Legend

- Rosemont Ridge Middle School Safe Route to School
- - - Recommended Sidewalk Infill
- Recommended Pedestrian Crossing Improvements
- # Project Number
- No Scale

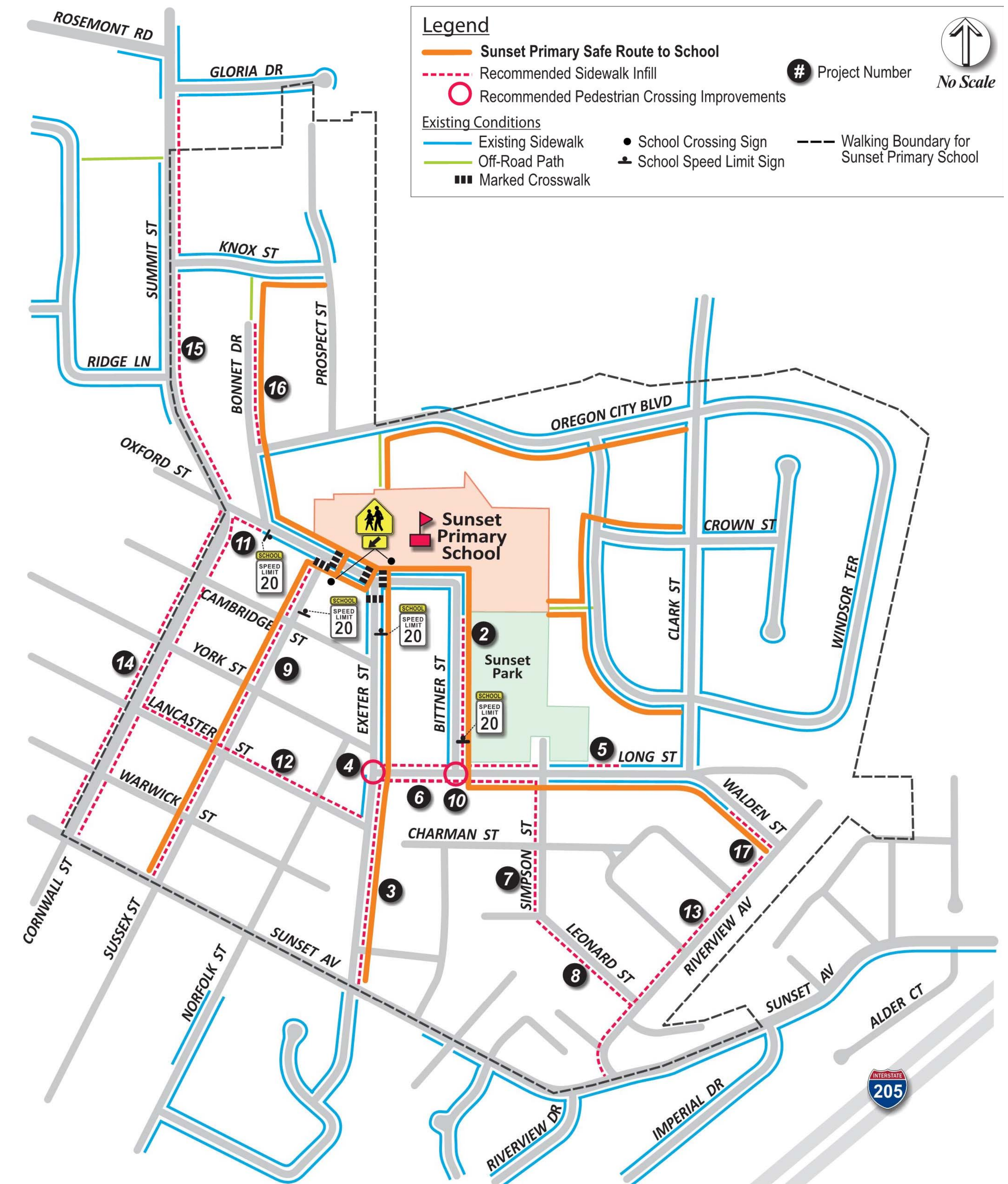
Existing Conditions

- Existing Sidewalk
- Off-Road Path
- Marked Crosswalk
- Pedestrian Crossing Sign
- Walking Boundary for Rosemont Ridge Middle School



Sunset Primary School - Project List

Project	Roadway	From	To	Project Description	Cost Estimate
S1	Various	-	-	Replace existing school speed signs with flashers	\$30,000
S2	Bittner Street	Long Street	Oxford Street	Install sidewalk on east side	\$110,000
S3	Exeter Street	Sunset Ave	Long Street	Install sidewalk on east side	\$240,000
S4	Exeter Street	Long Street	-	Install curb ramps on both sides of Exeter Street	\$40,000
S5	Long Street	Clark Street	Simpson Street	Install sidewalk where missing on north side	\$40,000
S6	Long Street	Simpson Street	Exeter Street	Install sidewalk on both sides	\$300,000
S7	Simpson Street	Leonard Street	Long Street	Install sidewalk on west side	\$200,000
S8	Leonard Street	Riverview Avenue	Simpson Street	Install sidewalk on west side	\$200,000
S9	Sussex Street	Sunset Ave	Oxford Street	Install sidewalk on west side	\$440,000
S10	Long Street	Bittner Street	-	Add pedestrian crossing signing and	\$10,000
S11	Oxford Street	Cornwall Street	Bonnet Drive	Install sidewalk on south side	\$80,000
S12	Lancaster Street	Cornwall Street	Exeter Street	Install sidewalk on north side	\$350,000
S13	Riverview Avenue	Walden Street	Sunset Ave	Install sidewalk on west side	\$370,000
S14	Cornwall Street	Sunset Ave	Oxford Street	Install sidewalk on both sides	\$940,000
S15	Summit Street	Gloria Drive	Oxford Street	Install sidewalk on east side	\$610,000
S16	Bonnet Drive	Beginning of road	Oregon City	Install sidewalk on east side	\$160,000
S17	Walden Street	Riverview Avenue	Long Street	Install sidewalk on west side	\$90,000



Trillium Creek Primary School - Project List

Project	Roadway	From	To	Project Description	Cost Estimate
T1	Hidden Springs Road	Suncrest Drive	-	Install curb ramp on NE corner, replace existing pedestrian crossing signs with RRFB	\$80,000
T2	Santa Anita Drive	Pimlico Drive	-	Replace existing pedestrian crossing signs with RRFB, improve lighting	\$90,000
T3	Santa Anita Drive	Clubhouse Circle	-	Replace existing pedestrian crossing signs with school crossing signs, improve lighting	\$20,000
T4	Hidden Springs Road	Santa Anita Drive	-	Install pedestrian refuge island, improve lighting, replace existing pedestrian crossing signs with school crossing signs	\$40,000
T5	Off-road path on east side of school	-	-	Repave path with asphalt and add lighting	\$170,000

Legend

- Trillium Creek Primary Safe Route to School
- Recommended Sidewalk Infill
- Recommended Pedestrian Crossing Improvements
- Project Number
- No Scale

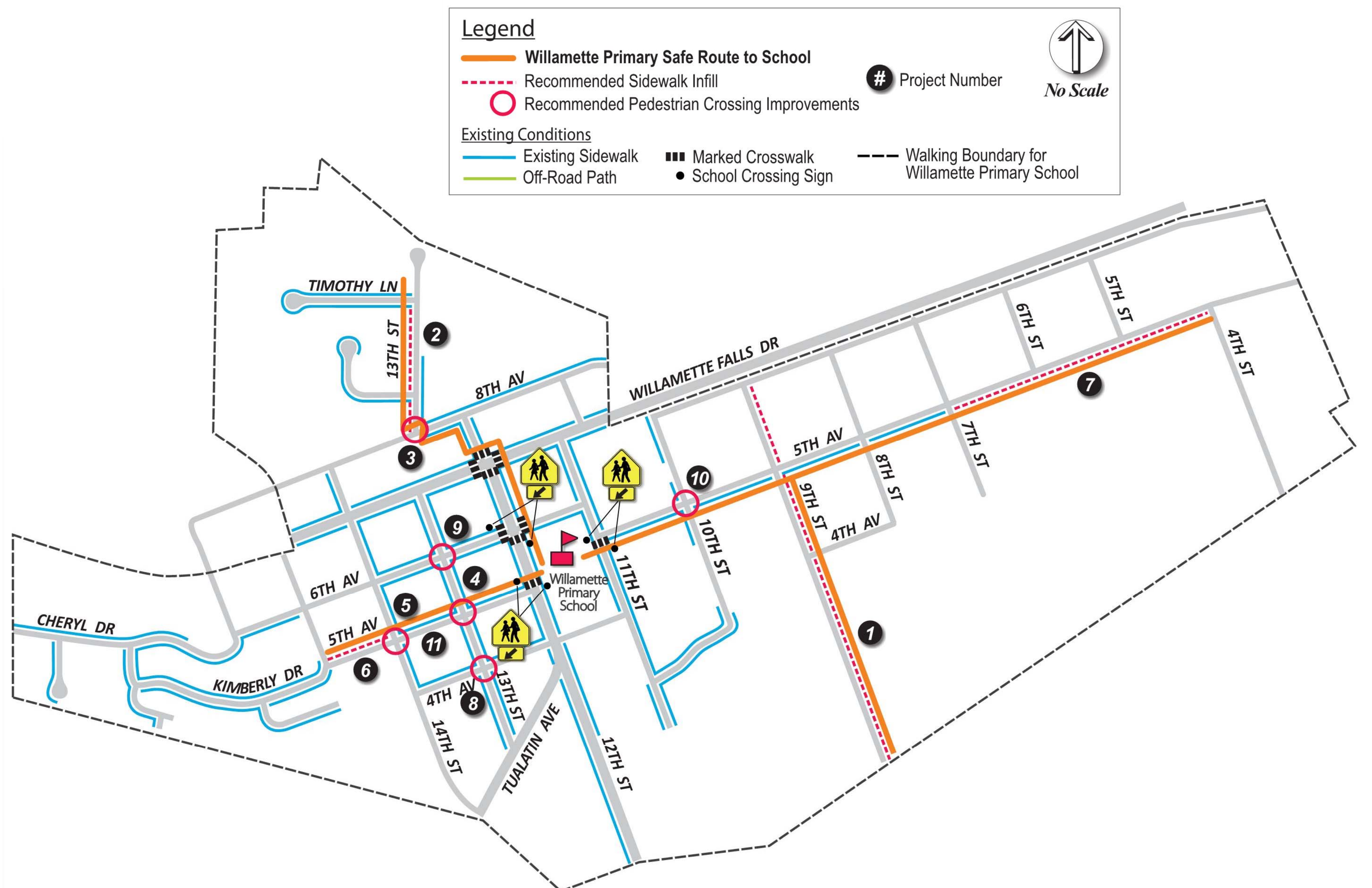
Existing Conditions

- Existing Sidewalk
- Off-Road Path
- Marked Crosswalk
- Pedestrian Crossing Sign
- Walking Boundary for Trillium Creek Primary School



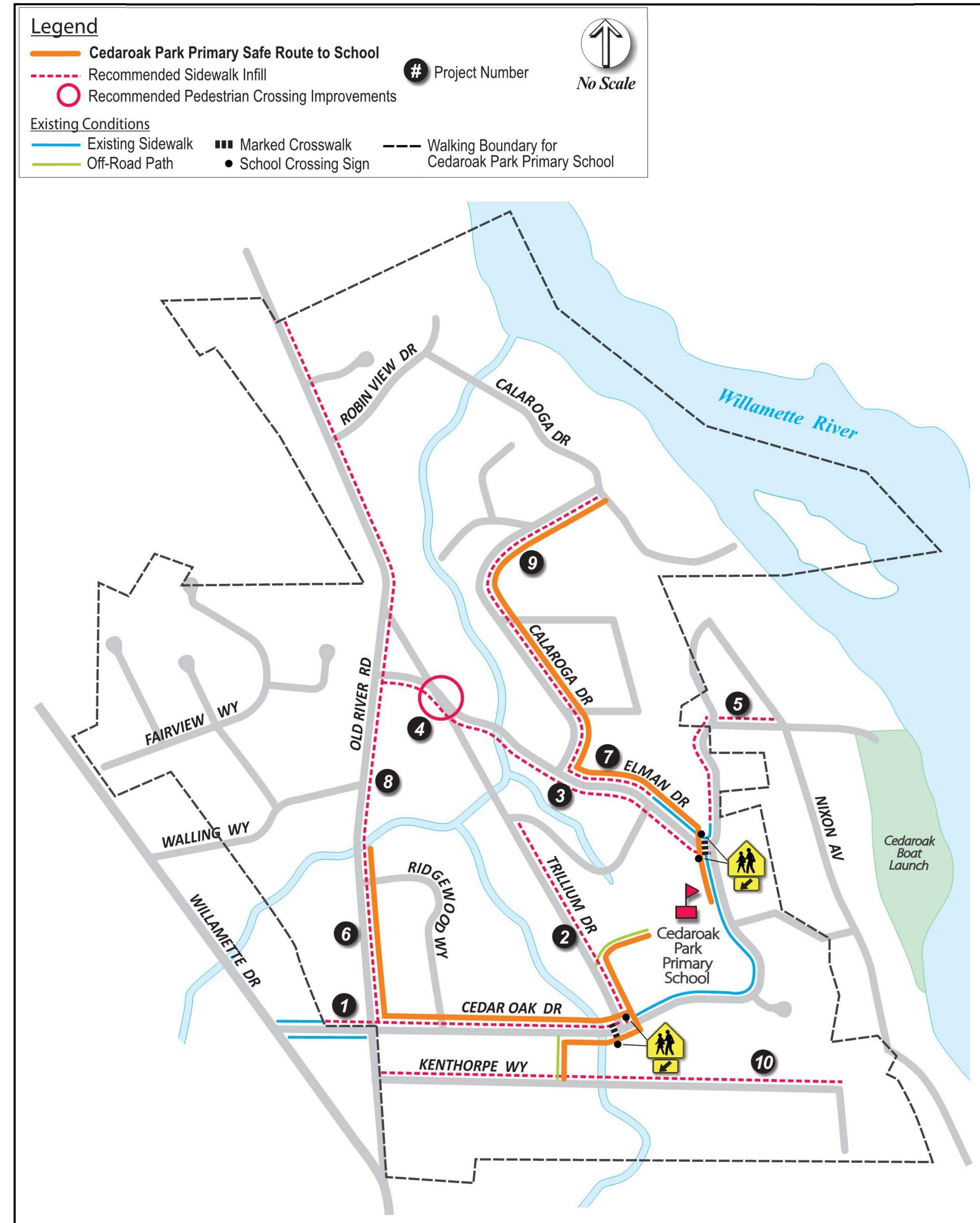
Willamette Primary School - Project List

Project	Roadway	From	To	Project Description	Cost Estimate
W1	9th Street	Volpp Street	5th Ave	Install sidewalk on east side	\$870,000
W2	13th Street	8th Ave	Timothy Lane	Install sidewalk on west side	\$240,000
W3	13th Street	8th Ave	-	Add pedestrian crossing signing and striping	\$10,000
W4	5th Ave	13th Street	-	Install curb ramps at all corners	\$50,000
W5	5th Ave	14th Street	-	Install curb ramps at NE and SE corners	\$50,000
W6	5th Ave	14th Street	15th Street	Install sidewalk on north side	\$90,000
W7	5th Ave	7th Street	4th Street	Install sidewalk on south side	\$390,000
W8	13th Street	4th Ave	-	Install curb ramps at NE, NW, SE corners	\$40,000
W9	13th Street	6th Ave	-	Install curb ramps at all corners	\$50,000
W10	5th Ave	10th Street	-	Install new curb ramps on NW and NE corners	\$30,000
W11	5th Ave	12th Street	14th Street	Replace sidewalk on north side	\$170,000

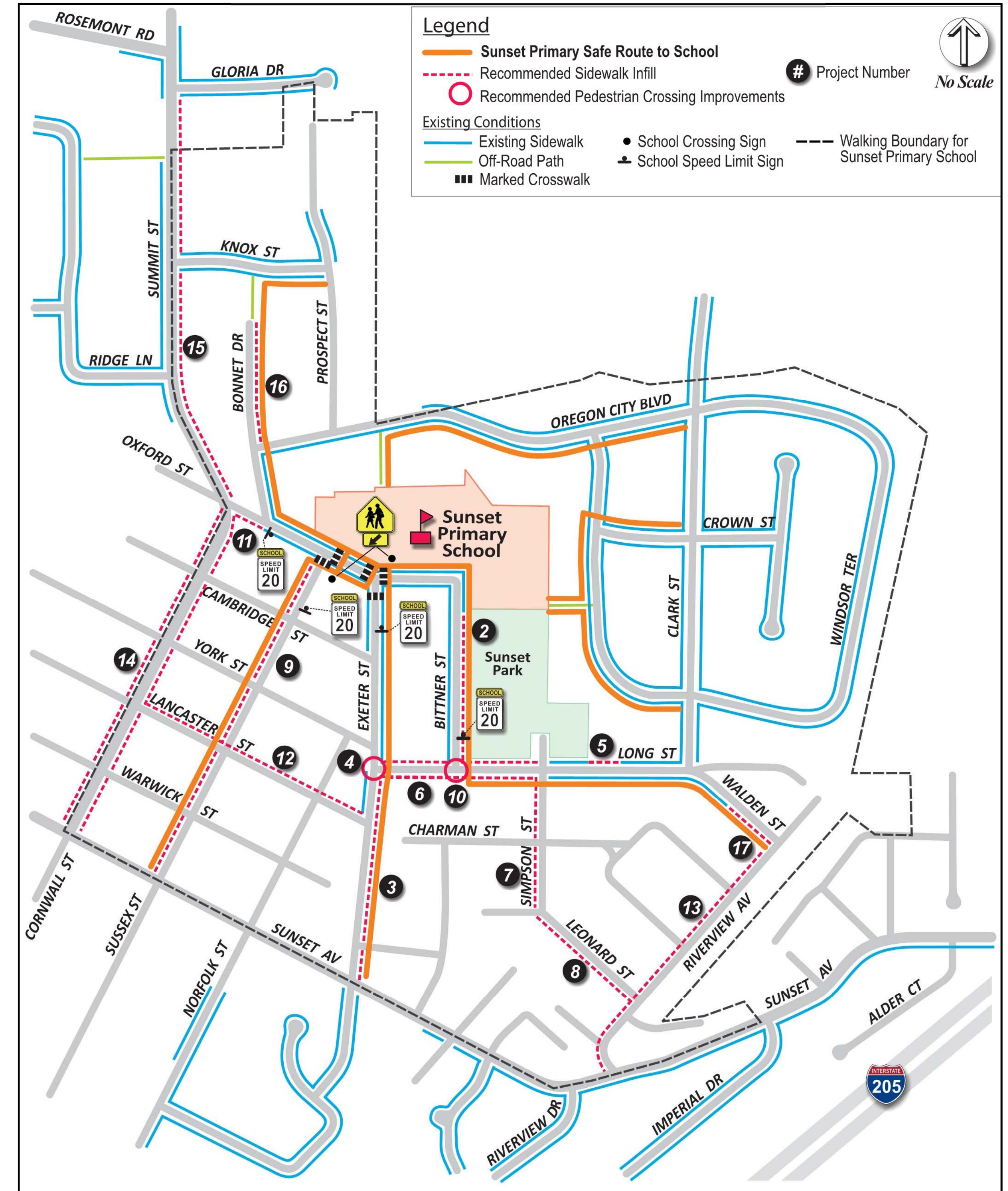


Which Projects Are Most Important to You?

CedarOak Park Primary School

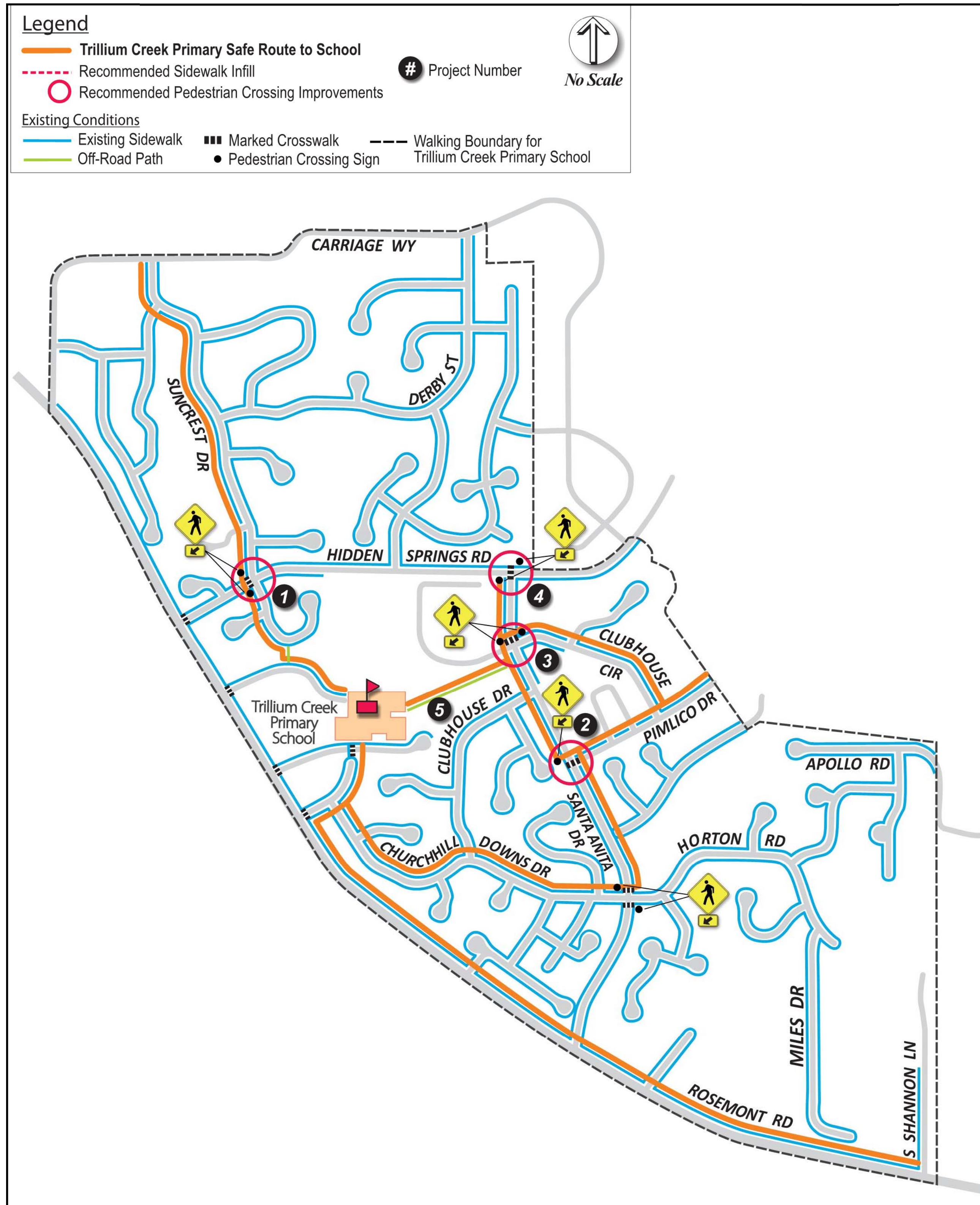


Sunset Primary School

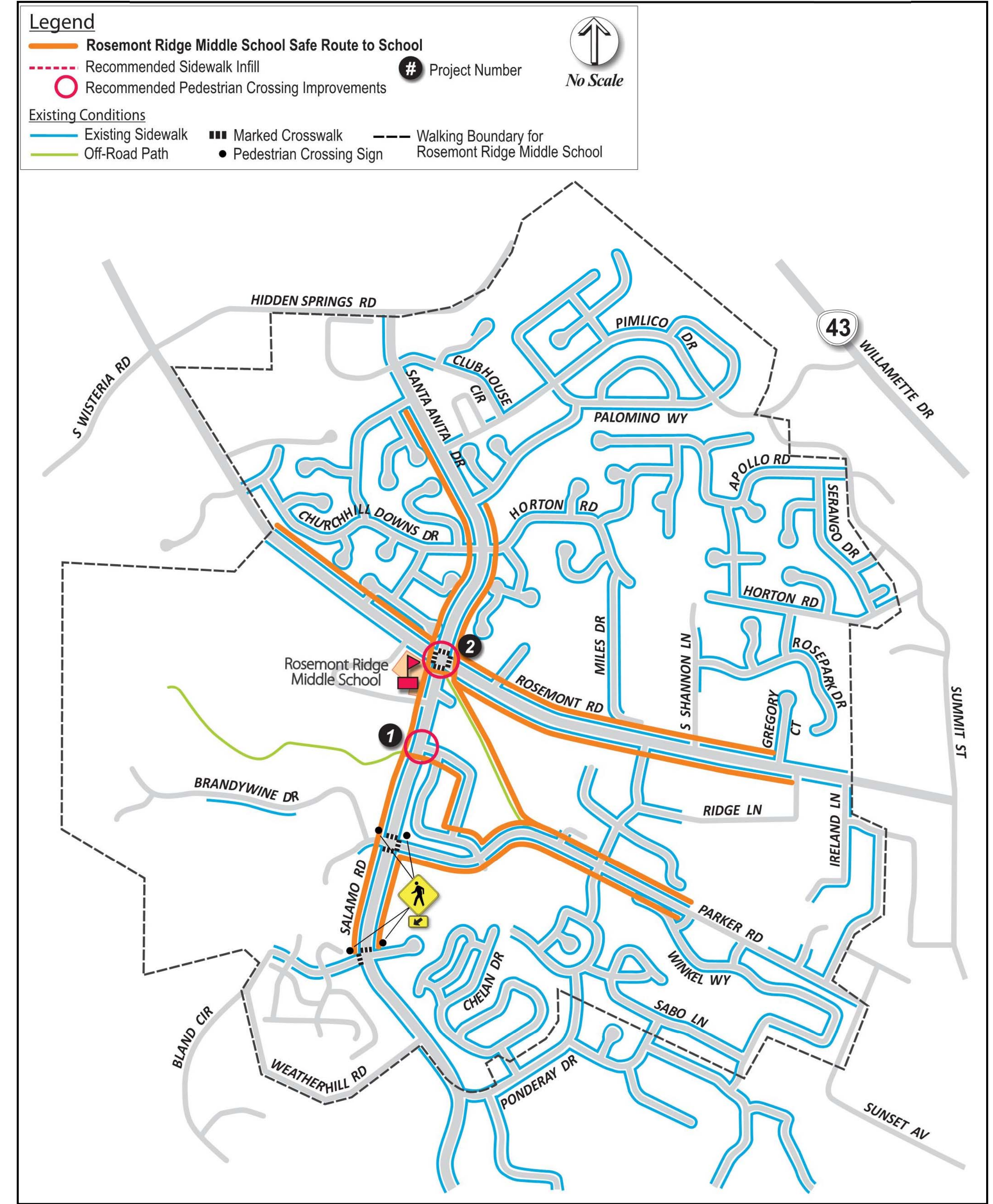


Which Projects Are Most Important to You?

Trillium Creek Primary School

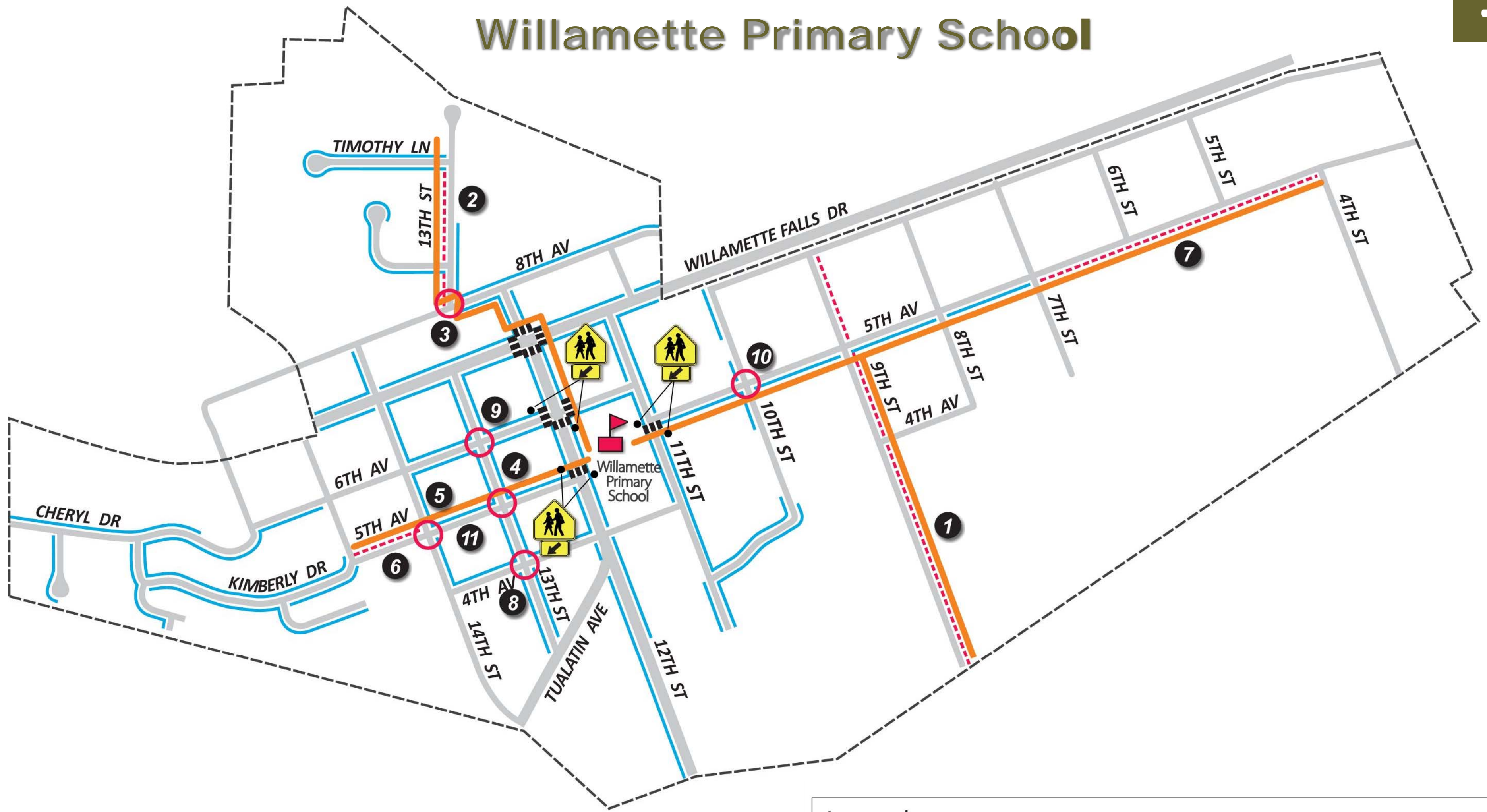


Rosemont Ridge Middle School



Which Projects Are Most Important to You?

Willamette Primary School

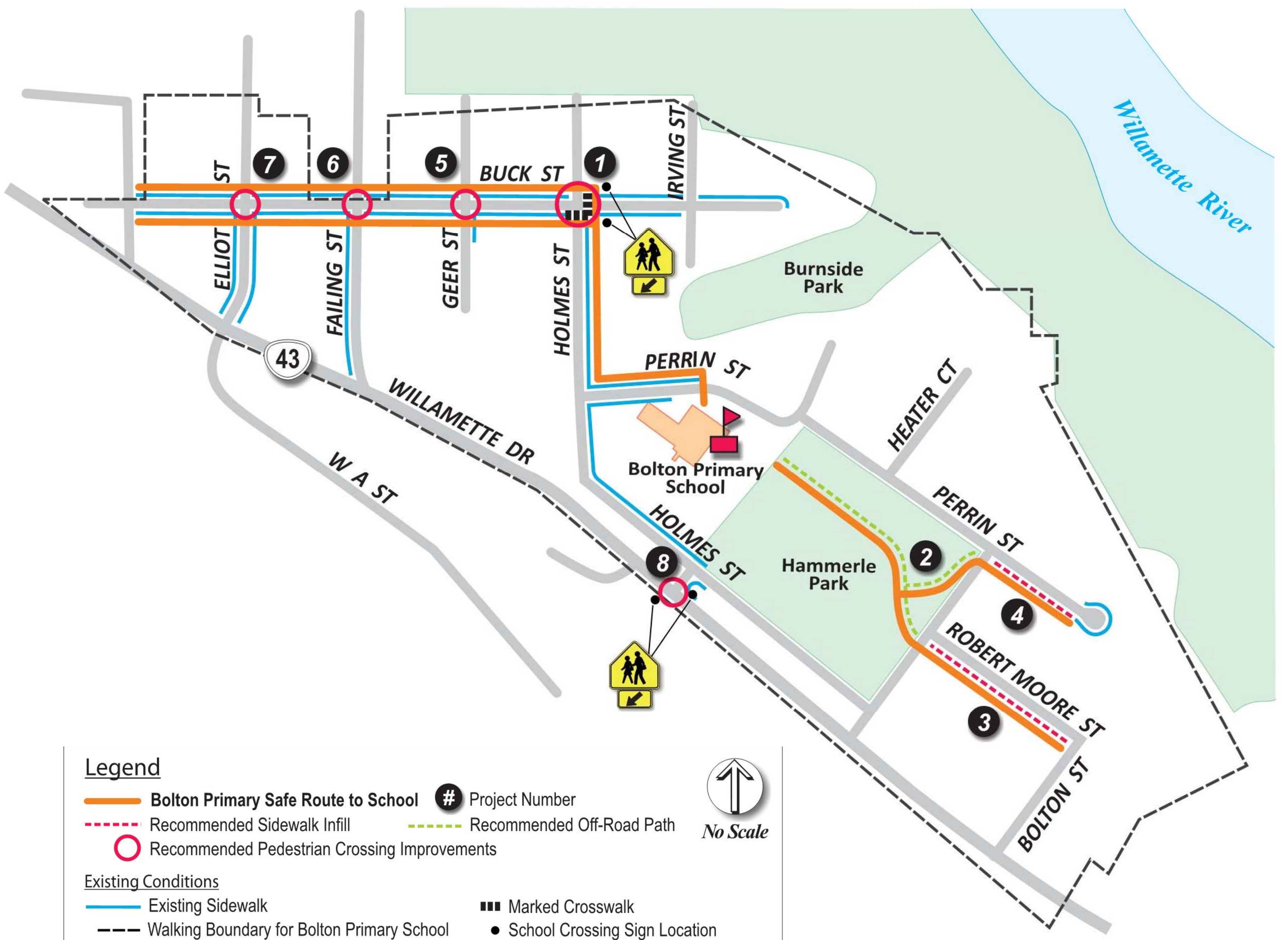


Legend

- Willamette Primary Safe Route to School
- Recommended Sidewalk Infill
- Recommended Pedestrian Crossing Improvements
- Project Number
- Existing Conditions
- Existing Sidewalk
- Off-Road Path
- Marked Crosswalk
- School Crossing Sign
- Walking Boundary for Willamette Primary School

No Scale

Bolton Primary School



Legend

- Bolton Primary Safe Route to School
- Recommended Sidewalk Infill
- Recommended Pedestrian Crossing Improvements
- Recommended Off-Road Path
- Project Number
- Existing Conditions
- Existing Sidewalk
- Walking Boundary for Bolton Primary School
- Marked Crosswalk
- School Crossing Sign Location

No Scale