

72nd Avenue Concept Design

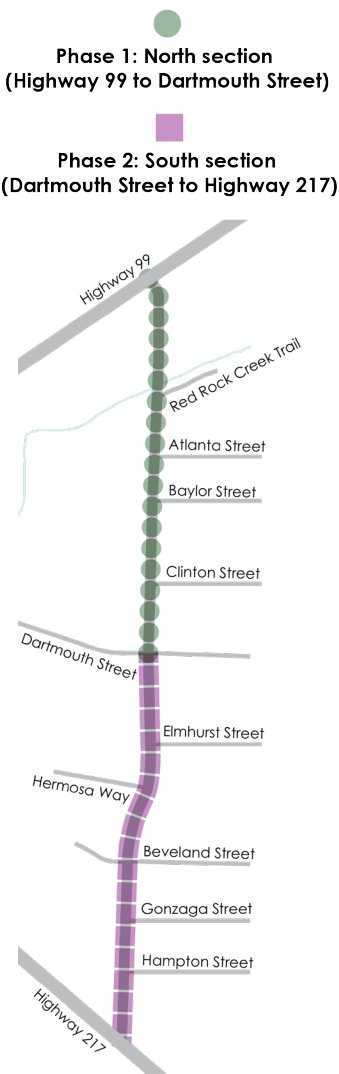


PROJECT OVERVIEW

What is it?

The 72nd Avenue Pre-Design project includes recommendations for 72nd Avenue between Highway 99 and Highway 217, the main street in the Tigard Triangle. The preferred concept design includes a complete street design of the entire corridor, intersection improvements, and incorporates future roadway connections within the Tigard Triangle.

The study split the project into two parts:

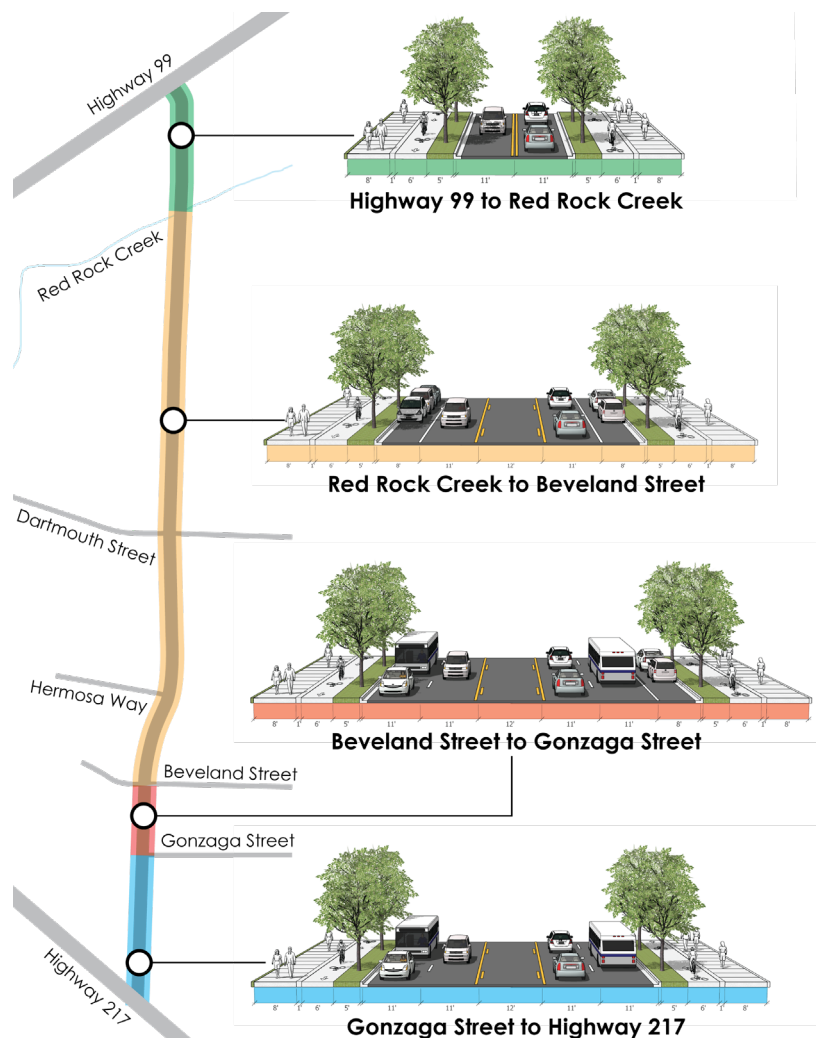


What is the purpose?

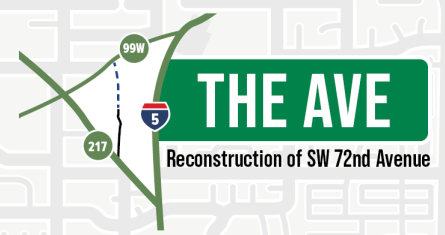
The project includes a “complete street” design which means safer and continuous bike and pedestrian routes, including sidewalks, protected bike lanes (cycle tracks), on-street parking, and bus stops. The project will make it easier to get around the Tigard Triangle while improving safety for residents, workers, and businesses.

PROPOSED CROSS SECTIONS

The 72nd Avenue Corridor Study created a vision for the cross section of the street. The design includes sidewalks, protected bike lanes, and landscaping. Other elements including the number of vehicle lanes, parking, and bus stops vary along the corridor depending on the needs of that segment.



72nd Avenue Concept Design



SAFETY ENHANCEMENTS

Enhanced Pedestrian Crossings

Red Rock Creek Trail
Enhanced crossing with rectangular rapid flashing beacons (RRFBs) on the roadway.



Midblock Crossing to Shopping Center
Crossing with RRFBs, "bulb outs" to reduce crossing distance, and median refuge.



Intersection Improvements

Dartmouth Street
A protected intersection design including enhanced crosswalk striping, shorter pedestrian and bicycle crossings, and integrates the protected bike lane design.



Beveland Street
Transition point for 5-lane to 3-lane section with shorter pedestrian and bicycle crossings and bus stops.



Bus Stops
Bus stops at Beveland Street and Dartmouth Street designed to accommodate longer buses with more room for people and the ability for all-door boarding for faster stops.



COST ESTIMATE

The City of Tigard continues to seek funding for the design, engineering, and construction of Phase 1 of The Ave project. The estimated cost for Phase 1 improvements is approximately \$25 million. The estimated cost for Phase 2 improvements is approximately \$17 million.

NEXT STEPS

The concept design will be used to help the City pursue grant funding and coordinate with upcoming projects, including the Red Rock Creek Trail and development frontage improvements.

PROJECT TIMELINE (Concept Design Phase)

