

= Washington State Route 510 =

State Route 510 (SR 510) is a 13 @. @ 07 @-@ mile (21 @. @ 03 km) long state highway in Thurston County , a subdivision of the US state of Washington . The highway extends southeast from an interchange with Interstate 5 (I @-@ 5) in Lacey to SR 507 in Yelm . SR 510 roughly parallels the Nisqually River , the border between Thurston and Pierce counties , between the Fort Lewis and Nisqually Indian Community area to Yelm . Five educational institutions , including one community college and two high schools , are served by the route . The roadway was built by 1916 as a connector from Saint Clair Lake to the Northern Pacific Railway station in Yelm and was designated as Secondary State Highway 51 (SSH 51) in 1937 . The original route of SSH 51 ran from Tumwater east to Yelm , following the present @-@ day Yelm Highway . In 1959 , the highway was realigned to serve a new freeway , later I @-@ 5 , in Lacey ; SSH 51 was replaced in the 1964 highway renumbering by SR 510 . The Yelm @-@ Tenino Trail was built over the Northern Pacific line in 1993 and a bypass is being constructed around Yelm .

= = Route description = =

SR 510 begins as Marvin Road at exit 111 , a diamond interchange on Interstate 5 (I @-@ 5) in southern Lacey . The highway travels south by the Hawks Prairie Village Mall , home of the Hawks Prairie Center , a division of the South Puget Sound Community College . South of the mall is the Martin Way intersection , located west of River Ridge High School and one of the busiest intersections on the roadway at a daily average of 24 @, @ 000 motorists in 2008 , and the Pacific Avenue roundabout , where SR 510 turns east , renamed Pacific Avenue , northeast of Long Lake . After leaving Lacey city limits , the roadway begins to parallel the Quadlok line owned by Tacoma Rail south towards the Old Pacific Highway . At the Old Pacific Highway , the road becomes the St. Clair Cutoff Road , named for nearby Saint Clair Lake , and crosses the railroad tracks twice . After turning northeast , parallel to Saint Clair Lake 's shoreline , the highway dips southeast , now parallel to the Nisqually River , into Fort Lewis and the Nisqually Indian Community . Outside of the community , SR 510 is renamed the Yelm Highway and passes Southworth Elementary . After intersecting Mudd Run Road , future western terminus of the Yelm Loop , the roadway enters Yelm city limits . After turning southeast , SR 510 becomes Yelm Avenue and serves Yelm High School . Shortly thereafter , the roadway serves Yelm Middle School , crosses the Yelm @-@ Tenino Trail , a 7 @. @ 4 @-@ mile (11 @. @ 9 km) long rail trail in operation since 1993 , and ends at First Street , signed as SR 507 , which continues southeast as Yelm Avenue .

= = Alternate route = =

Stage 1 of a 120 @-@ foot (36 @. @ 58 m) wide , 2 lane bypass of Yelm , named the Yelm Loop , is completed and open to traffic . The bypass begins at a roundabout with SR 510 near the current Mudd Run Road intersection and travels east through a residential and industrial area , currently ending at Cullins Road . The unfinished portion of the Yelm Loop is currently officially signed as State Route 510 Alternate .

Stage 2 will finish the Yelm Loop to SR507 and this segment is currently unfunded . The highway will turn south , pass a city park , and end at a traffic signal with SR 507 east of Yelm . Plans for the Yelm Loop were created in 2004 and the Washington State Legislature funded Stage 1 in 2009 , with its construction completed in October 2010 . The city is actively anticipating completion of Stage 2 , which will redirect traffic that has increased since the 1990s . When completed , it is expected that the current traversal of State Route 510 will be moved to the Alternate , becoming the new State Route 510 .

= = History = =

SR 510 began as an unsigned county @-@ maintained road that ran from the Saint Clair Lake area

to the Northern Pacific Railway station at Yelm , constructed by 1916 . The road later extended west to Tumwater and designated Secondary State Highway 51 (SSH 51) in 1937 . The old route followed present @-@ day Yelm Highway on the southern side of Saint Clair Lake and Patterson Lake to Tumwater . In 1959 , SSH 51 was moved to a northern route to the U.S. Route 99 (US 99) and US 410 freeway in Lacey . SR 510 officially replaced SSH 51 after the 1964 highway renumbering ; US 99 and US 410 also became Interstate 5 (I @-@ 5) in 1968 .

SR 510 between I @-@ 5 and Pacific Avenue was reconstructed and widened in late 2003 , with the addition of a roundabout at the Pacific Avenue intersection .

= = Major intersections = =

The entire highway is in Thurston County .