

NE 99th Street

(Vicinity of NE 94th Avenue– NE 117th Avenue (SR 503))

Clark County

Project Completed: December 2023

CRP #: 350722

Project Information

RTC funding: \$10,450,000 STP-UL Program

TIB funding: \$3,150,00 Urban Arterial Program

Total Project Cost: \$27,400,000

Project Type: Transportation Safety Improvement

Project Length: 1.10 miles

Function Class: Urban Minor Arterial

Daily Traffic Volume: 5,927



New roundabout at NE 99th Street & NE 94th Avenue.

Project Description

This project constructed a two-lane urban minor arterial with a center turn lane/median, eliminating an 11-block gap in roadway and utilities on NE 99th Street between NE 94th Avenue and NE 117th Avenue, also known as State Highway 503 (SR-503). Roundabouts with splitter islands for pedestrian refuge were created at NE 94th Avenue and NE 99th Street; NE 107th Avenue and NE 99th Street; and at NE 110th Avenue and NE 99th Street to allow for efficient, multi-modal intersections. Individuals have access to a new shared use asphalt path on both sides of NE 99th Street from NE 94th Avenue through the new roundabout at NE 110th Avenue. Cyclists transition to a bike lane and a separated sidewalk with ADA ramps is provided for pedestrians and ADA rolling from NE 110th Avenue to NE 117th Avenue. New retaining walls and noise barriers provide additional safety for the corridor.

Project Benefits

- The project eliminates a roadway gap and provides a critical connection between NE 94th Avenue and SR-503 for all transportation modalities.
- Building this new roadway section and upgrading the existing roadway west to SR 503 completes an important east-west corridor across the urban area of Clark County. NE 99th Street is a gateway to both I-205 and SR 503.
- The completed project will significantly reduce traffic demands and extend the useful life of both Padden Parkway and the NE 119th Street corridors. The new connection provides an alternative access route to and from homes in the project area.
- The new roundabout intersections help to calm traffic and reduces the number of stops to help improve traffic flow. Less idling reduces vehicle emissions and fuel consumption.
- The project improved vehicular, bicyclist and pedestrian mobility while significantly enhancing safety for all transportation modes.
- Pedestrians are removed from the roadway thereby eliminating pedestrian-vehicle and pedestrian-bicycle conflicts.
- Continuous sidewalk, pathways and bike lanes were constructed on both sides of NE 99th Street to improve access for pedestrians, cyclists, and assistive mobility.
- Channelization improvements between NE 107th Avenue and NE 110th Avenue enhances traffic flow and safety.

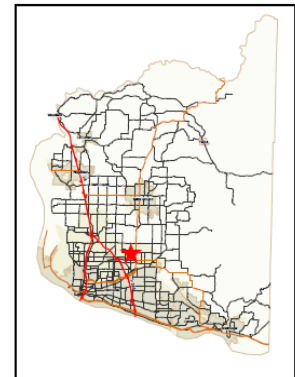
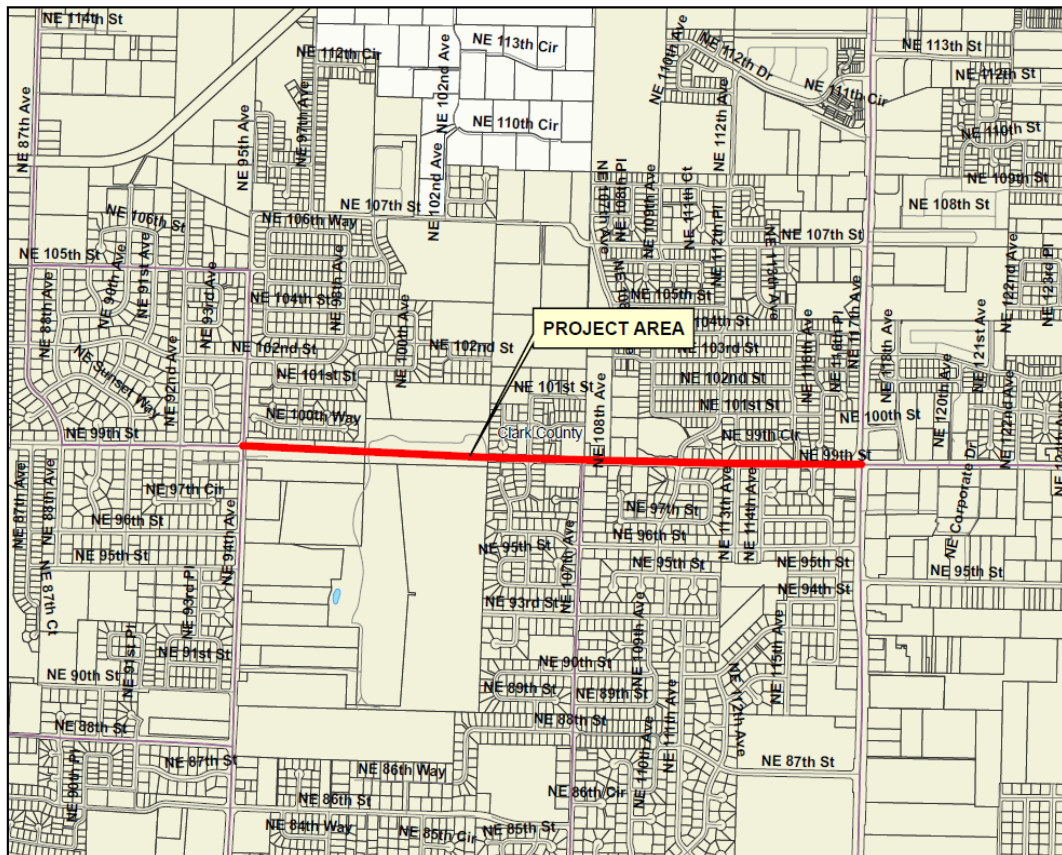
- Fiber optic interconnect in new conduit and junction boxes along the entire project connects to SR-503, and to the existing county fiber on the NE 94th Avenue and NE 107th Avenue Roundabouts, and includes traffic count stations, video cameras and interconnection to the county central traffic system.
- The direct sidewalk and bicycle connection to SR 503 may encourage the use of transit in the project area. In addition, C-Tran can expand services to the project area via this new west-east corridor.
- Safety along the corridor was improved by removing or relocating clear-zone hazards and obstructions, increasing sight distances.
- By partnering with local utilities, outdated water and sanitary sewer were upgraded, increasing capacity for current and future growth. The partnership provided cost-effective solutions that contributed to the success of this project.
- Stormwater management was improved by implementing treatment to meet current regulatory standards.

Project Funding

Phase	Year	Federal Funds	State (TIB) Funds	County Funds	Total
Design	2019	\$ 150,000		\$ 2,053,000	\$ 2,203,000
Right of Way	2020			\$ 3,050,000	\$ 3,050,000
Construction	2021	\$10,300,000	\$3,150,000	\$8,697,000	\$22,147,000
Total		\$10,450,000	\$3,150,000	\$13,800,000	\$ 27,400,000

Note: A three-million-dollar (\$3M) utility reimbursable is included within the project total.

Project Map



NE 99th Street (Vicinity of NE 94th Avenue – Vicinity of NE 117th Avenue)