

Highway 99 Corridor Improvements

Highway 99 – 99th Street – CRP #351022

Clark County



Project Goals:

- Widen southbound lane widths on Highway 99 north of the intersection and westbound lanes on NE 99th Street west of the intersection providing an easier intersection flow.
- Ease the northwest corner turning radius from 20 foot to a wider radius, allowing for a more manageable turn, especially for trucks and buses.
- Extend the left turn lane on the west leg of NE 99th Street to provide a longer queue lane for the eastbound-to-northbound left turn, reducing backups into the through-traffic lane.
- Install a median on the west leg of NE 99th Street to help prevent illegal vehicle movements.
- Enhance pedestrian and cyclist safety by widening sidewalk, new bike lanes with green striping, and bus stop improvement.

Project Information

Federal Funding Program: STP Urban Arterial Program

RTC Awarded Funding: \$2,000,000

Total Project Cost: \$3,010,000

Project Type: Road Improvement

Project Length: 0.25 miles

Function Classification: Principal Arterial

Daily Traffic Volume: 18,959 ADT

Project Description

The project mitigated the effects of the skewed intersection and narrow lanes, widened southbound lanes on Highway 99 north of the NE 99th Street intersection and westbound lanes on NE 99th Street west of the intersection, eased the northwest corner of turning radius of the intersection, extended the left turn lane on the west leg of NE 99th Street to provide a longer queue lane for the eastbound-to-northbound left turn, reducing backups into the through-traffic lane, and installed a median on the west leg of NE 99th Street.

In addition, closure of two commercial driveways closest to the intersection, sidewalk on the intersections' northwest corner was widened, and new bicycle lane on southbound Highway 99 filled a gap north of the intersection, creating a continuous, dedicated bike path for several blocks to the north and south of the intersection.

Project Funding

Phase	Year	Federal Funds	County	Total
PE	2013	\$350,000	\$524,000	\$874,000
ROW	2019	\$351,000	\$351,000	\$702,000
CN	2020-2021	\$1,085,000	\$349,000	\$1,434,000
Total		\$1,786,000	\$1,224,000	\$3,010,000

Project Outcome Details

- North/south cross county travel times were reduced by improving the roadway between NE 102nd Street and NE 97th Street on Highway 99.
- Pedestrian and bicyclist safety were improved by new widened sidewalks, new ADA ramps, and bike lanes with lane separation striping near the intersection of Highway 99 and 99th Street.
- Safety along the corridor was improved by widening lanes, improved turning radius and turning lane extension.
- Medians were added on Highway 99 north of the intersection and on NE 99th Street west of the intersection to prevent drivers from making unsafe left turns.
- Traffic flows and level of service were improved by closing two commercial driveways near the intersection and a new bicycle lane filled a gap north of the intersection on southbound Highway 99. A bus stop was also improved.
- Local businesses received improved access with widened sidewalks and new driveway entrances.
- The project met the stakeholder goals of improved aesthetics for this portion of the corridor making the area more appealing for businesses and the community.
- By partnering with local utilities, outdated water, sanitary sewer and natural gas lines were upgraded, increasing capacity for current and future growth. Utility connections to local businesses were also improved.

MAP



Before: Overhead view of project area. Narrow lanes, narrow sidewalk, limited turning radius.



After: Overhead view of project area. Improved lane, wider sidewalk, improved turning radius, new bike lanes, new/improved striping.



Before: View from South looking north on the west side of Highway 99.

Narrow lanes, narrow/no sidewalk, or bike lane.



After: Closer look with view from south looking north on Highway 99

Extended left turn lane, wider sidewalks with planter, new bike lane and striping, improved right turn lane with separated bike lane to reduce bicycle/vehicle conflict.

