

TO: Public Works Committee  
FROM: Bill Lindauer, Engineering Services Manager  
DATE: November 21, 2024  
SUBJECT: Service Provider Agreement with HDR Engineering for Old Highway 99 and 79<sup>th</sup> Avenue Roundabout Project Amendment No. 1

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1) Recommended Action:

Place the First Amendment to the Service Provider Agreement with HDR Engineering, for the Old Hwy 99 & 79<sup>th</sup> Ave Roundabout Project, on the City Council consent calendar on December 3, 2024, with a recommendation to approve and authorize the Mayor to sign.

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2) Background:

In 2016, the City published the 2036 Transportation Master Plan (TMP), which laid out plans for the improvement of Old Highway 99 from 73<sup>rd</sup> Avenue to 93<sup>rd</sup> Avenue. The TMP projected the need to widen Old Highway 99 to five lanes. It also prescribed intersection control at 79<sup>th</sup> Avenue due to inadequate “gaps” in traffic for turning movements. The City has been collecting Transportation Impact Fees for future reconstruction of Old Highway 99. The Old Highway 99 Corridor Study, completed in November 2022, indicated roundabouts are the preferred alternative designs for the intersections within the studied corridor. Of all the intersections studied in the corridor, Old Hwy 99 & 79<sup>th</sup> Ave Roundabout project should be the first intersection improved due to its current failing level of service. This roundabout project also serves to mitigate traffic concerns related to the planned Operations and Maintenance Facility on Trails End Drive.

The consultant (HDR) scope of work includes design of the Old Highway 99 and 79<sup>th</sup> Avenue Roundabout in addition to frontage associated with the planned Operations and Maintenance Facility and Trails End Park. The original Service Provider Agreement was executed on April 26, 2023, with an expiration date of December 31, 2024. The not-to-exceed amount of the agreement was \$735,000.

The first amendment to the Service Provider Agreement extends the term of services only to December 31, 2026.

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3) Policy Support:

- C. Create and Maintain a Transportation System Safe for All Modes of Travel
    - 1. Implement Capitol Boulevard Plan.
  - F. Refine and Sustain a Great Organization
    - 5. Construct the O&M Facility.
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4) Alternatives:

- Recommend approval of the amendment as is.
- Request changes to the scope of work.
- Recommend against approval of the amendment.

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- 5) Fiscal Notes:  
Funds for the project include transportation impact fees and a blend of general governmental, water, sewer, and storm utility CFPs as “mitigation” for the planned City Operations and Maintenance Facility on Trails End Drive.
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- 6) Attachments:
- A. First Amendment to the Service Provider Agreement for the Old Hwy 99 & 79<sup>th</sup> Ave

**From the corridor study:** (remove when no longer needed)

## 7 PHASING PLAN AND COST ESTIMATES

### 7.1 PROJECT PHASING

We evaluated the corridor and phasing options for improvements along Old Highway 99. We based the phasing options on operational benefit, funding opportunities, and practical project size. First, we gave priority to phases providing more operational benefit. Second, we defined phases based on funding opportunities. Third, we sought to keep the cost for individual phases between \$4M and \$15M (in 2022 dollars). With these considerations in mind, the following phases were determined for the project and their anticipated costs determined.

Figure 7.1 Old Highway 99 Project Phases



#### 7.1.1 Phase 1 – 79<sup>th</sup> Avenue Roundabout (\$4.9 Million)

For the Project, 79<sup>th</sup> Avenue fails to provide an acceptable LOS for existing traffic base on the 2020 traffic counts. The construction of a roundabout would alleviate the congestion at this location and raise it to LOS A. Because it is the only intersection that currently has a failing LOS, it is a critical improvement.

The constructed roundabout would have two circulating lanes through the roundabout on Old Highway 99 and then taper to one lane to match the roadway section on both sides of the proposed roundabout. 79<sup>th</sup> Avenue would tie into the roundabout with one lane going in both directions. A 10-foot sidewalk would be constructed on the east side of the roadway and a 10-foot sidewalk would be constructed on the west side, providing opportunities for bicycles to exit