



CITY OF FERNLEY

CITY COUNCIL AGENDA REPORT

Meeting Date: August 5, 2020

REPORT TO: Mayor and City Council
REPORT THRU: Daphne Hooper, City Manager
REPORT FROM: Jessica Dover, Senior Project Manager
REVIEWED BY: Brandi Jensen, City Attorney
REVIEWED BY: Denise Lewis, City Treasurer

FINANCIAL IMPACT:

Yes: No:

CURRENTLY BUDGETED:

Yes: No:

FUND/ACCOUNT:

100-475-730

ACTION REQUESTED: Consent Ordinance Resolution Motion Receive/File

AGENDA ITEM: Staff Report (For Possible Action): Possible Action to Award a Contract for Professional Engineering Services for the City of Fernley Signal Participation Fee Development and Operations Analysis Project, to Kimley-Horn and Associates, Inc. (Kimley-Horn), in an amount not to exceed \$33,780.

Agenda Item Brief:

The City would like to evaluate various methods used in Nevada to assess developer signal participation fees based on the development's traffic impact at an intersection. US 95A/Fremont ST/Chisholm TRL, and US 95A/Newlands DR intersections will be the focus of this proposed analysis. In addition, a review of traffic signal and driveway operations along US 95A from Penny LN to the I-80 eastbound ramps will be conducted to determine capacity constraints and intersection operation improvements.

Recommended Motion:

"I move to Award a Contract for Professional Engineering Services for the City of Fernley Signal Participation Fee Development and Operations Analysis Project, to Kimley-Horn and Associates, Inc. (Kimley-Horn), in an amount not to exceed \$33,780."

Business Impact (per NRS Chapter 237):

- A Business Impact Statement is Attached.
- A Business Impact Statement is not required because this is not a rule (term excludes vehicles by which legislative powers are exercised under NRS Chapters 271, 278, 278A, or 278B).

See attached report for background, analysis, alternatives.

ALTERNATIVES:

1. City Council may award the proposed Contract for Engineering Services to Kimley-Horn and Associates, Inc.
2. City Council may reject the proposed Contract and provide additional direction to the City Manager

PROJECT SUMMARY:

The City would like to evaluate various methods used in Nevada to assess developer signal participation fees based on the development’s traffic impact at an intersection. US 95A/Fremont ST/Chisholm TRL, and US 95A/Newlands DR intersections will be the focus of this proposed analysis. In addition, a review of traffic signal and driveway operations along US 95A from Penny LN to the I-80 eastbound ramps will be conducted to determine capacity constraints and intersection operation improvements.

The proposed Scope of Services (Attachment A) includes: Project Management, Participation Fee Case Study Review, Traffic Impact Study Review, NDOT Coordination and Intersection Cost Estimate, Participation Fee Summary Memorandum, Data Collection, Capacity Analysis, Crash Data Review, Recommendations and Operations Analysis Summary Memorandum.

BACKGROUND:

The approved FY 2021 Budget includes funding to conduct a project based on recommendations from the City’s *Transportation Master Plan* (TMP); project scope TBD pending FCC approval of the final TMP. The City of Fernley *Transportation Master Plan* (TMP), Resolution #20-014, was adopted on July 01, 2020.

The TMP identifies the US 95A/Fremont ST/Chisholm TRL Intersection as a critical intersection. Per the TMP and the City of Fernley’s 2018 *Comprehensive Master Plan* (CMP), LOS D is the minimum acceptable LOS for City roadways. The US 95A roadway segment between the Main ST Roundabout and I-80 is currently over capacity; evaluated at a LOS E during FY 19/20. Table 6 through Table 8 of the TMP (Pages 47-49), indicate potential intersection LOS for various Growth Conditions. For all scenarios modeled, the US 95A/Fremont ST/Chisholm TRL Intersection is anticipated to perform at an unacceptable LOS by 2025; High Growth Conditions will cause the US 95A/Newlands DR Intersection to perform at an unacceptable LOS by 2025 as well.

The TMP states, “.... with increased development along US 95A near the Chisholm Trail/Fremont Street area additional capacity and safety concerns may arise, thus evaluations and improvements are recommended along this segment.” (Pages 24-25). During the last 2 years, the City has seen development in this area.

Roundabout Improvements and US 95A Improvements to address safety and capacity are both included as Recommended Projects in the final TMP (Page 52, and Appendix O, *Recommended Improvement Project Summaries*).

LEGAL IMPLICATIONS:

FINANCIAL IMPLICATIONS:

Project appropriations are included in the approved FY 2021 Budget as part of the Capital Improvement Plan:

- \$50,000 (100-475-730), Transportation Master Plan Project (Page 163, 214, 227)

Proposed Scope of Services and Fee (Attachment A, B):

Service A: (Task 1 through Task 5)	\$22,675
Service B: (Task 1 through Task 5)	\$10,705
<u>Kimley-Horn Expenses</u>	<u>\$400</u>
Total NTE Amount:	\$33,780

ATTACHMENTS:

- 1.) City of Fernley Standard Contract for Engineering Services, Kimley-Horn and Associates, Inc.