



JANUARY 8, 2020

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450 East Main Street
John Day, OR 97845

SUBJECT: SCOPE OF WORK – JOHN DAY BUILD GRANT TRANSPORTATION STUDY

This document outlines the scope of services required to evaluate the transportation impacts associated with the proposed Ironwood Estates (Phase 2 and 3) and Mahogany Ridge (Phase 1 and 2) developments located in John Day, OR.

TASK 1. TRANSPORTATION IMPACT ANALYSIS

A Transportation Impact Analysis (TIA) for the proposed project will be conducted in accordance with State and City requirements. The TIA will include all roadways adjacent to and through the site (e.g., all roadways used to access the site). The following intersections will be evaluated during the weekday evening (4:00 to 6:00 pm) peak period:

1. W. Main Street (US 26) / Patterson Bridge Road
2. W. Main Street (US 26) / NW 3rd Avenue
3. E. Main Street (US 26) / NE 3rd Avenue
4. E. Main Street (US 26) / Mahogany Ridge access

Historical count data shall be obtained and utilized for the peak hour. A growth rate will be applied to the older count data to reflect 2021 volumes. An existing conditions analysis will document the existing transportation conditions within the project study area. A description of the surrounding transportation network will be provided including functional classification of roadways, roadway cross-sections, posted speed limits, parking, and pedestrian/bicycle/transit facilities. Field work from prior studies will be utilized; no new field work will be completed for this study. Collision records at the study intersection over the previous five years will be reviewed and summarized to determine if there are any safety related concerns within the project area.

The proposed trip generation will be based on similar land uses reported in the latest version of the ITE Trip Generation Manual (10th Edition). The new vehicle trips generated by the proposed project will be added onto the existing traffic volumes to identify the expected traffic operating conditions once the project is built and fully operational. Phase 2 is expected to be completed by 2023, and

Phase 3 by 2025. Estimated site generated traffic for the proposed project will be distributed and assigned to the existing or proposed arterial and collector roadway network. The distribution of site vehicle traffic will be based on existing travel patterns as determined by traffic counts and location of surrounding land uses. The traffic conditions will be evaluated at the same study intersection as was considered in the existing conditions analysis. In addition, background traffic growth will be added based on historical volumes. The following future analysis scenarios will be evaluated:

- 2023 Background Conditions
- 2023 Project Conditions (Ironwood Estates Phase 2 and Mahogany Ridge Phase 1)
- 2025 Background Conditions
- 2025 Project Conditions (Ironwood Estates Phase 3 and Mahogany Ridge Phase 2)

An additional sensitivity option will be tested for the 2025 Project Conditions Scenario that assumes full build-out of the Innovation Gateway Area site and associated transportation network improvements, and completion of the 3rd Avenue Bridge.

TASK 2. DOCUMENTATION

The findings and recommendations of the transportation impact analysis will be presented in a Draft Report and submitted to the city (one electronic copy), following the requirements and content included in this scoping memo. After the agency reviews of the Draft Report are complete, a Final Report will be prepared addressing all agency comments and stamped by an Oregon Registered Professional Engineer (one electronic copy).

BUDGET

In consideration of the performance of these services, DKS Associates will be compensated on a time and materials basis in accordance with the hourly billing rates set forth in the attached fee schedule, subject to revision December 31, 2021, for a maximum fee of \$16,300. This fee is based upon the scope of services and level of effort presented above.

If you have any questions, please feel free to call or email.