



STAFF REPORT

DATE: February 20, 2018
REGULAR
ITEM #: 23

AGENDA ITEM: Hudson Boulevard Design Standards/Typical Section -Authorize Engineering Services

SUBMITTED BY: Jack Griffin, City Engineer

REVIEWED BY: Kristina Handt, City Administrator
Rob Weldon, Public Works Director

ISSUE BEFORE COUNCIL: Should the City Council authorize engineering services to develop design standards, typical sections and concept layout for Hudson Boulevard?

BACKGROUND: Hudson Boulevard is an east-west collector roadway in Lake Elmo located along the southern boundary of the City, extending from Inwood Avenue (CSAH13) to Manning Avenue (CSAH15). As growth and development occurs within the I-94 corridor, Hudson Boulevard will serve as the primary collector street for commercial, business park, and medium and high density residential development. As various development projects come forward it is important for City staff to be able to communicate the City's expectations as they relate to the roadway performance and to be able to guide the developments and transportation projects appropriately to ensure proper access spacing, right-of-way dedication, and street construction elements are achieved.

Currently the City is working jointly with Washington County to complete intersection improvements in 2018 at Keats Avenue (CSAH19) and Hudson Boulevard. In addition, the City is anticipating a development application proposal at the intersection of Manning Avenue (CSAH15) and Hudson Boulevard.

PROPOSAL DETAILS/ANALYSIS: The City Engineer has developed a scope of work to be completed for Hudson Boulevard and is obtaining 2 engineering proposals for consideration. The proposals will be received and evaluated in advance of the meeting and staff will present a recommendation for council consideration.

The project deliverable has been defined as follows:

- Recommendation on urban versus rural street section, including typical cross section recommendation between Inwood Avenue (CSAH13) and Manning Avenue (CSAH15).
- Minimum right-of-way requirements, lane widths, median widths (if applicable), parking provision recommendations, pavement section, recommended design speed limit, geometric design standards (cross-slope, super elevation, and curve radii), and typical section(s) at intersections.
- Recommended access spacing standards and future traffic control locations; including depiction of access control (recommended turn lane locations).
- Recommendation on sidewalks, shared-use paths and boulevard layout.
- Recommended intersection improvements at major intersections.

FISCAL IMPACT: To be presented at the meeting.

RECOMMENDATION: Staff is recommending that the City Council approve engineering services to develop design standards, typical sections and concept layout for Hudson Boulevard. The recommended motion for the action is as follows:

“Move to authorize _____ to complete engineering services to develop design standards, typical sections and concept layout for Hudson Boulevard in the amount not to exceed \$_____”.

ATTACHMENTS:

1. Engineering proposal summary to be handed out at the meeting.