

# City Council Agenda Memo

**From:** Charlie Richter, City Engineer

**Council Meeting:** November 14, 2023

**Subject:** Resolution 23-104: Installation of a 4-way stop at the intersection of 5<sup>th</sup> Avenue and 5<sup>th</sup> Street

**Presenter:** Charlie Richter, City Engineer

**Summary:**

A resolution is presented to develop a 4-way stop at the intersection of 5<sup>th</sup> Avenue and 5<sup>th</sup> Street. Staff recommends approval.

**Background:**

The intersection of 5<sup>th</sup> Street and 5<sup>th</sup> Avenue is controlled by a traffic signal that dates back several decades. Since the installation of this traffic signal, traffic patterns have changed, and the intersection no longer warrants signalization. Due to the age of the signals and controller, it is cost-prohibitive to continue to repair or upgrade.

**Item Details:**

HDR Inc., the City's traffic consultant, performed a traffic signal warrant analysis, which included traffic counts and sight distance observations to determine if the signals met the traffic warrant set forth in the Federal Manual of Uniform Traffic Control Devices (MUTCD).

HDR's analysis concluded:

- Traffic counts for this intersection **do not** warrant the need for traffic signals at this intersection.
- Traffic warrants were met for a stop-controlled intersection.
- While traffic counts allow for two-way stop control with stop signs placed on 5<sup>th</sup> Street; sight distance issues, due to boulevard trees and parked cars, make a 4-way stop safer.

HDR's analysis recommends the removal of the traffic signals and replacement with a 4-way stopped intersection. During the transition period, it is recommended the signals be put on a 4-way red flash for a period of 90 days prior to installation of the stop signs. If approved, Public Works will place message boards at the intersection, alerting motorists of the intended change.

**Legal Consideration:**

None.

**Strategic Plan Consideration:**

Safe, Inclusive, Connected Community – Improving the safety of pedestrians and vehicular traffic in a high traffic area of Brookings.

**Financial Consideration:**

The 2023 amended budget includes sufficient appropriations in Org. 431 - Streets to cover the estimated cost of \$300 to install new stop signs.

**Options and Recommendation:**

The City Council has the following options:

1. Approve as presented
2. Amend
3. Deny
4. Move the item to a study session
5. Discuss / take no action / table

Staff recommends approval.

**Supporting Documentation:**

Memo

Resolution

Engineering Report

Location Map