



City Council Report

Date: August 29, 2022
To: City Council
Through: Scott Butler, Assistant City Manager
From: RJ Zeder, Transportation Department Director
Ryan Hudson, City Traffic Engineer
Subject: Modify Speed Limit – 1st Street, Mesa Drive to Country Club Drive,
Council District 4

Purpose and Recommendation

Recent and ongoing development along the 1st Street corridor between Mesa Drive and Country Club Drive has brought land use changes and new transportation needs. With this new development, the city expects more pedestrians and parking along 1st Street. To account for these changes and better serve the street environment and traffic characteristics, staff recommends reducing the speed limit from 30 mph to 25 mph on 1st Street between Mesa Drive and Country Club Drive.

See the attached **Figure 1** for a location map.

Background and Discussion

1st Street from Mesa Drive to Country Club Drive is a minor collector street that provides access to the Downtown Area and is set in an urban street environment. Adjacent land uses include residential, some light commercial, the new ASU campus, and numerous public facilities, including the Mesa Library, museums, City Council Chambers, and Fire Station 201. On-street parking is provided throughout the corridor with a mixture of angled and parallel stalls. The segment between Mesa Drive and Hibbert is currently striped as a 5-lane cross section with two lanes in each direction and a center two-way-left-turn-lane. The remainder of the corridor from Hibbert to Country Club Drive is a 3-lane cross section with one lane in each direction and a center two-way-left-turn-lane.

Speeds of 30 mph are covered in Section 10-4-6 of the Mesa City Code, and the speed limit reduction would require modification, by means of Ordinance and amendment, of the respective section. Modifying the speed limit to 25 mph will allow for the street segment to fall under the purview of Section 10-4-7 which covers the default speed limit of 25 mph, not requiring specific street segments.

Coordination

The Transportation Advisory Board (TAB) has reviewed the proposed speed limit modification for 1st Street and concurred with staff's recommendation to reduce the speed limit from 30 mph to 25 mph on the segment between Mesa Drive and Country Club Drive. The TAB reviewed and concurred at their July 19, 2022 meeting.

Alternatives

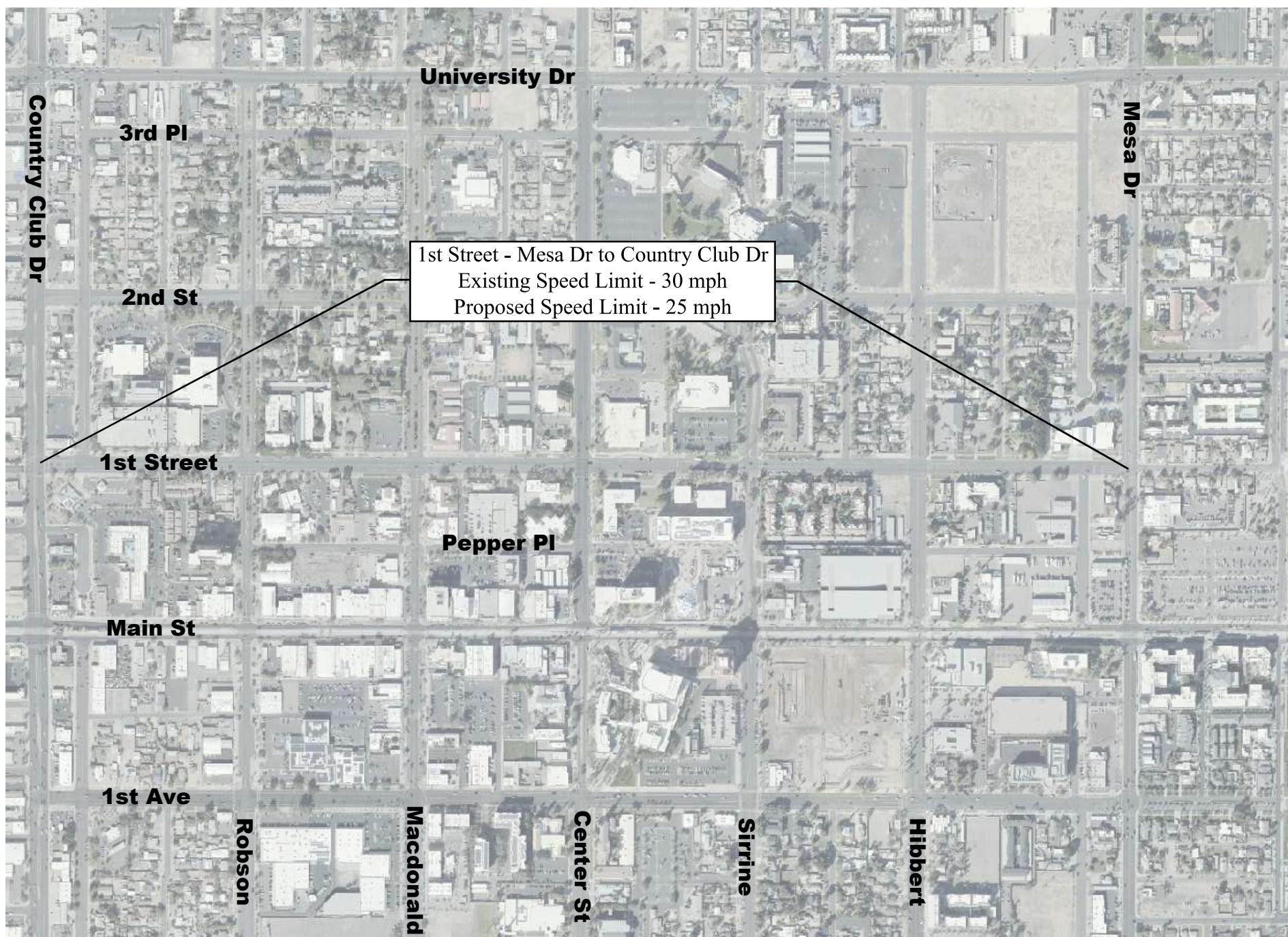
As an alternative, the existing posted speed limit of 30 mph could remain. However, considering the adjacent land uses and urban street environment, the recommended speed limit is most appropriate and reasonable.

Fiscal Impact

The existing 30-mph sign faces will need to be replaced with 25-mph sign faces resulting in a negligible fiscal impact. The respective impact is not considered as a determining factor for this recommended speed limit reduction.



ITEM NO. _____



CITY OF MESA
TRANSPORTATION

FIGURE 1: LOCATION MAP