



City Council Report

Date: April 16, 2018
To: City Council
Through: Karolyn Kent, Assistant City Manager
From: RJ Zeder, Transportation Department Director
Sabine Ellis, City Traffic Engineer
Subject: Establish Speed Limit - Cadence Parkway from Ellsworth Road to Williams Field Road, Council District 6

Purpose and Recommendation

Pacific Proving Grounds North (PPGN), a mixed-use development at the former General Motors Proving Grounds, is currently under construction near the intersection of Ellsworth and Ray Roads. Cadence Parkway is identified as a collector street and will require a speed limit to be established per City Code.

Staff recommends establishing a speed limit of 35 mph on Cadence Parkway from Ellsworth Road to a point 1,200 feet east of Ellsworth Road and a speed limit of 30 mph from a point 1,200 feet east of Ellsworth Road to Williams Field Road in City Code. See Figure 1 for a location map.

Background and Discussion

Cadence Parkway will run from Ellsworth Road to Williams Field Road once the PPGN development is completed. From Ellsworth Road to a point 1,200 feet east of Ellsworth Road, Cadence Parkway will be a 4-lane collector with a raised median and the adjacent land use will be predominantly commercial. A 35-mph speed limit is reasonable and typical for this type of roadway. From a point 1,200 feet east of Ellsworth Road to Williams Field Road, Cadence Parkway will be a 2-lane collector with a raised median and run through the primarily residential part of the development. Due to the change in traffic lanes and land use, a 30-mph speed limit is more suitable for this section of roadway.

Speed limits for street segments of 35 mph and 30 mph are covered in Sections 10-4-5 and 10-4-6, respectively, of the Mesa City Code.

Coordination

The Transportation Advisory Board has reviewed the proposed speed limit and concurred with staff's recommendation to establish a speed limit of 35 mph on Cadence Parkway from Ellsworth Road at their November 21, 2017 meeting.

Alternatives

As an alternative, a speed limit other than 35 mph and 30 mph respectively could be established. However, considering the roadway geometrics of Cadence Parkway and the adjacent land uses, the recommended speed limits are most appropriate and reasonable.

Fiscal Impact

The installation of speed limit signs is included in the construction of PPGN, resulting in no fiscal impact.

Figure 1

