



Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: November 21, 2016

Re: Amending Chapter 14 of the City Code to Change the Speed Limits on Portions of State Route 163 and Battle Avenue

Executive Summary

Staff is proposing to amend Chapter 14 of the City Code to change the speed limit on a portion of State Route 163, also known as Providence Road, from the intersection of Mick Deaver Memorial Drive to State Route K/Old Plank Road, and on Battle Avenue from St. Charles Road to the north city limit.

Discussion

MoDOT conducted a speed study on State Route 163, from Mick Deaver Memorial Drive to State Route K/ Old Plank Road, which is currently posted at 55 mph. The speed study considered crash history, presence of pedestrians and bicyclists, the number of access points, and actual vehicle speeds; and recommends lowering the speed limit to 50 mph on this portion of the road (see attached MoDOT letter and speed study).

Per City ordinance, Section 14-61d, the state highway commission shall have exclusive authority to place and maintain traffic control signs, signals and devices on all state highways. MoDOT is enacting a speed limit of 50 mph on State Route 163, from Mick Deaver Memorial Drive to State Route K/ Old Plank Road. In order for the Columbia Police department to enforce the enacted speed limit, the ordinance must be revised to reflect these changes.

City staff conducted a similar speed study on Battle Avenue, which is posted at 45 mph, and recorded an 85th percentile speed of 45 mph (see attached speed study). Currently, the traffic on this road is mostly comprised of trips generated to and from the schools; however, a residential subdivision is being built in the area that will eventually generate trips into and out of the subdivision. A roundabout is also planned to be constructed at Battle Avenue and Spartan Drive. Considering this information, staff anticipates the operating speeds will need to be lowered and recommends reducing the current 45 mph speed limit to 40 mph on Battle Avenue from St. Charles Road to the north city limit.

Fiscal Impact

Short-Term Impact: \$155 for new speed limit signs on Battle Avenue only

Long-Term Impact: None



Vision & Strategic Plan Impact

Vision Impacts:

Primary Impact: Transportation, Secondary Impact: Secondary, Tertiary Impact: Tertiary

Strategic Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Secondary, Tertiary Impact: Tertiary

Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Secondary, Tertiary Impact: Tertiary

Legislative History

Date	Action
N/A	N/A

Suggested Council Action

Pass the ordinance amending Chapter 14 of the City Code to lower the speed limit on State Route 163 from Mike Deaver Memorial Drive to State Route K/Old Plank Road from 55 mph to 50 mph; and set the speed limit on Battle Avenue from St. Charles Road to the north city limit at 40 mph.