



Legislation Details (With Text)

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File created:	6/27/2019	In control:	Transportation Advisory Board
On agenda:	8/1/2019	Final action:	
Title:	Recommend approval to restrict parking on the west side of Cedar Glade Drive from the centerline of Ledgestone Court to a point 120' north of the centerline of Ledgestone Court.		
Sponsors:			
Indexes:			
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Attachments:	1. Cedar Glade Parking Draft Ordinance, 2. Cedar Glade Sight Distance Exhibit		

Date	Ver.	Action By	Action	Result
8/1/2019	1	Transportation Advisory Board		

TRANSPORTATION ADVISORY BOARD AGENDA ITEM

ACTION REQUESTED:

Recommend approval to restrict parking on the west side of Cedar Glade Drive from the centerline of Ledgestone Court to a point 120' north of the centerline of Ledgestone Court.

DEPARTMENT: Transportation, Engineering and Development

SUBMITTED BY: Kelly Dunne, Project Manager

BACKGROUND:

The City received a request to investigate sight distance at the intersection of Cedar Glade Drive and Ledgestone Court. Cedar Glade Drive is a 37-foot wide Neighborhood Connector roadway posted 25 mph with one travel lane in each direction. Ledgestone Court is a standard cul-de-sac with center island and forms a T intersection at Cedar Glade Drive, with Ledgestone Court under stop control and Cedar Glade Drive uncontrolled.

The sight distance concern is that vehicles parked on Cedar Glade Drive prevent drivers exiting Ledgestone Court from seeing approaching traffic on the north leg of the intersection.

DISCUSSION:

City staff investigated the concern and performed a sight distance study. Field observations noted that several vehicles are typically parked on the west side of Cedar Glade Drive, north of the intersection (see photo in attachment).

Stopping sight distance is the distance required for a moving vehicle to come to a complete stop, including perception-reaction time and time for the vehicle to decelerate. On Cedar Glade Drive, the 25 mph speed limit equates to a stopping sight distance of 155 feet, as determined by the standards of the American Association of State Highway and Transportation Officials (AASHTO).

The attached exhibit shows that for a stopping sight distance of 155 feet, a portion of the area where vehicles currently park obstructs the line of sight between a southbound vehicle on Cedar Glade Drive and an eastbound vehicle turning from LedgeStone Court. In order to provide a clear line of sight and prevent a potential conflict between southbound and eastbound vehicles, 90 feet of parking must be removed. Note that the first 20 feet of parking north of the intersection is already restricted by Section 11-2A-1 of the Municipal Code for No Parking Places.

Staff finds that there are enough unrestricted parking areas along Cedar Glade Drive such that drivers will not have difficulty finding alternative on-street parking.