This is an informational memo regarding the Eagle Ridge Drive traffic Calming project.

**Background**
City Ordinance No. 1879, adopted in 2010, established a process for traffic calming projects. The first step in the process is submittal of a letter from at least 5 residents along the section of road where traffic speed is perceived to be an issue. Upon receipt of the letter, staff conducts traffic speed and volume counts, and determines if the results meet the minimum criteria in the ordinance. To be eligible for traffic calming, the volume of traffic must exceed 500 vehicles per day and the 85th-percentile speed must be more than 5 miles per hour over the posted speed limit. The ordinance then requires design, a public meeting, approval by at least 60% of affected residents, Council approval, and funding prior to construction.

**The Project**
Staff received a letter (copy attached) in May 2013, signed by five residents of Somerset Drive in the Heritage Dells subdivision, concerning traffic speeds on Eagle Ridge Drive between Entrada Drive and Somerset Drive (map below).
Staff conducted traffic speed and volume counts on Eagle Ridge Drive midway between Entrada and Somerset in September 2013 (after school was back in session), and the results showed 1310 vehicles per day at an 85th-percentile speed of 44.7 miles per hour. (Eagle Ridge Drive is posted 25 mph.) The 2014 budget includes $100,000 for traffic calming on Eagle Ridge Drive.

Staff has designed the proposed traffic calming, which is depicted in the attached rendering. Traffic islands and medians would be constructed to introduce curves and reduce lane widths to 10 feet, and the proposed landscaping would help reduce sight lines. Staff has estimated the cost of the proposed improvements and believes the $100,000 budget is sufficient.

The attached rendering was forwarded to both Fire and Parks Department staff for review and comment. Neither had any objections to the proposal.

Next Steps
Our next step in the process is to hold a public meeting, which is scheduled for July 29 at 6pm in the Council Chambers. This meeting will be conducted in a different format than our most recent public meetings; rather than an “open house” format, there will be a short presentation at 6pm, followed by a question and answer session. The ordinance requirements, traffic speed and volume data, and the attached rendering will be presented.

Due to this section of Eagle Ridge Drive being an access to part of Heritage Dells, and a primary access to most of Stonebridge, the affected resident area is quite large. The attached map shows the area of the affected residents, all of whom rely on this section of road for access to their property. There are a total of 305 properties in the affected resident area, which means according to the ordinance, 183 of them would need to sign a petition approving the proposed traffic calming of Eagle Ridge Drive.

The public meeting will potentially draw a large number of attendees due to the large number of affected residents. We will have petition forms available at the public meeting. If the number of signatures gathered that evening does not meet the minimum required, perhaps we should allow the advocates thirty days after the meeting to walk the neighborhood and gather signatures if they wish to do so.

We will post the notice of the meeting on the City website, and will also have the traffic message boards placed on Eagle Ridge Drive in advance of the meeting.

If there are any questions please contact me.
May 15, 2013

Dear Mr. Auriemma,

I am writing you to voice my concern over what I perceive to be many drivers traveling at an excessive speed on Eagle Ridge Drive. I live at 691 Somerset Drive, which is two houses up from the corner of Eagle Ridge and Somerset. There are many days when drivers, who are making the turn from northbound on Eagle Ridge to west on Somerset, come very close to driving up on our sidewalk because of the speed in which they are traveling at in the turn. We have two young kids and worry about their safety.

Also, cars traveling south on Eagle Ridge seem to come flying up the hill at speeds greater than 25 mph. We (as do our neighbors) often walk the neighborhood. Just crossing Eagle Ridge Drive, from Somerset, which is a very wide street; seems dangerous due to the speeds that are being driven. This is a neighborhood with many children and their safety should be our priority. I would also like to point out that the corner of Eagle Ridge and Somerset is both the high school and middle school bus stop.

I, and my fellow neighbors, would like to request that a traffic/speed study be done in order to see if there is a need to slow cars down on Eagle Ridge Drive.

Thank you for your consideration,

Shannon Kiedrowski
720-318-5151

Angela S. Hager
664 Somerset Dr.
(303) 809-2583

Kim Mangler
467 Somerset Dr.
(303) 282-3962

Alison Bodor
650 Somerset Dr.
Golden, CO 80401
303-880-5795

Heather Rice
437 Somerset Dr.
Golden, CO 80401
710-623-5067

Emily Todd
631 Somerset Dr.
Golden, CO 80401
303-207-1755
Existing Conditions

This is a concept study for traffic calming on Eagle Ridge Drive near the Heritage Road intersection. This is a wide and straight collector road 46 ft wide, curb to curb. The straightness and length of this road segment encourages higher vehicle speeds. This study describes a concept for adding traffic islands to slow down traffic and reduce noise.

EAGLE RIDGE DRIVE
Traffic Calming

City of Golden

Frank Mullenberg
LANDSCAPE ARCHITECT
Fmmullenberg@gmail.com
City of Golden Public Projects Department
Traffic can be slowed by adding roadside and median islands. These islands break up the straight and wide conditions and encourage drivers to slow down to squeeze through the constricted areas. The islands can also add some refined streetscape character to this residential neighborhood.

This concept plan has median and road edge landscape islands. These islands and the constricted lane widths adjacent to them encourage drivers to slow down.

Cross section through roadside island. Storm runoff passes along existing curb through the island. Some extra water in the island area is good can supplement irrigation and achieve some water quality benefit.

Illustrative Concept Plan

View to the north showing concept for traffic islands. This view to the north. This area will have landscape islands on the roadside and a two lane width, 20ft between them.

Center island set back for clear intersection sight lines and driveway access.

Single lane 10 ft wide on the sides of island.

Single lane 10 ft wide on the sides of center island.

20 ft wide two lane width between road side islands.

20 feet

Google earth

City of Golden

Traffic Calming
The center island on the north end of this area is about 26 ft wide and about 100 ft long.

The curb for the islands has a 24 inch gutter pan. Finished grade is about 4 inches below the top of the curb with cobble mulch.
Near Entrada Drive Intersection

Existing conditions view for the curve near Entrada Rd

Concept for center island this area. The 26 ft wide island is set back from the intersection to allow better sight lines and full access to existing driveway.
AFFECTED RESIDENT AREA MAP
PROPOSED EAGLE RIDGE DRIVE TRAFFIC CALMING

Affected resident area

Proposed for traffic calming