



August 16, 2019

Ms. Camille Courtney  
AMH Development  
3131 S. Vaughn Way, Suite 220  
Aurora, CO 80014

Re: Sterling Hills  
Traffic Memorandum  
Aurora, CO  
LSC #190890

Dear Ms. Courtney:

Per your request, we have completed this trip generation report for Sterling Hills development in Aurora, Colorado. Figure 1 shows the vicinity map.

The site is proposed to include 67 single-family dwelling units. Figure 2 shows the conceptual site and circulation plan.

Table 1 shows the estimated average weekday, morning peak-hour, and afternoon peak-hour trip generation potential for the site based on rates from Trip Generation, 10<sup>th</sup> Edition, 2017 by the Institute of Transportation Engineers (ITE).

The site is projected to generate about 632 vehicle-trips on the average weekday, with about half entering and half exiting the site during a 24-hour period. During the morning peak-hour, which generally occurs for one hour between 6:30 and 8:30 a.m., about 12 vehicles would enter and about 37 vehicles would exit the site. During the afternoon peak-hour, which generally occurs for one hour between 4:00 and 6:30 p.m., about 42 vehicles would enter and about 25 vehicles would exit the site.

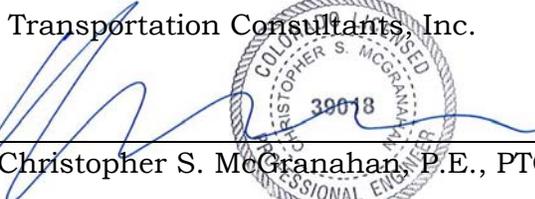
Traffic calming measures should be considered to better accommodate pedestrians. A reasonable approach would be to provide curb bump-outs at one or more intersection locations to shelter on-street parking and reduce walk distances across intersections.

\* \* \*

We trust this information will assist you in planning for the Sterling Hills development.

Respectfully submitted,

LSC Transportation Consultants, Inc.

By:  \_\_\_\_\_  
Christopher S. McGranahan, P.E., PTOE



CSM/wc

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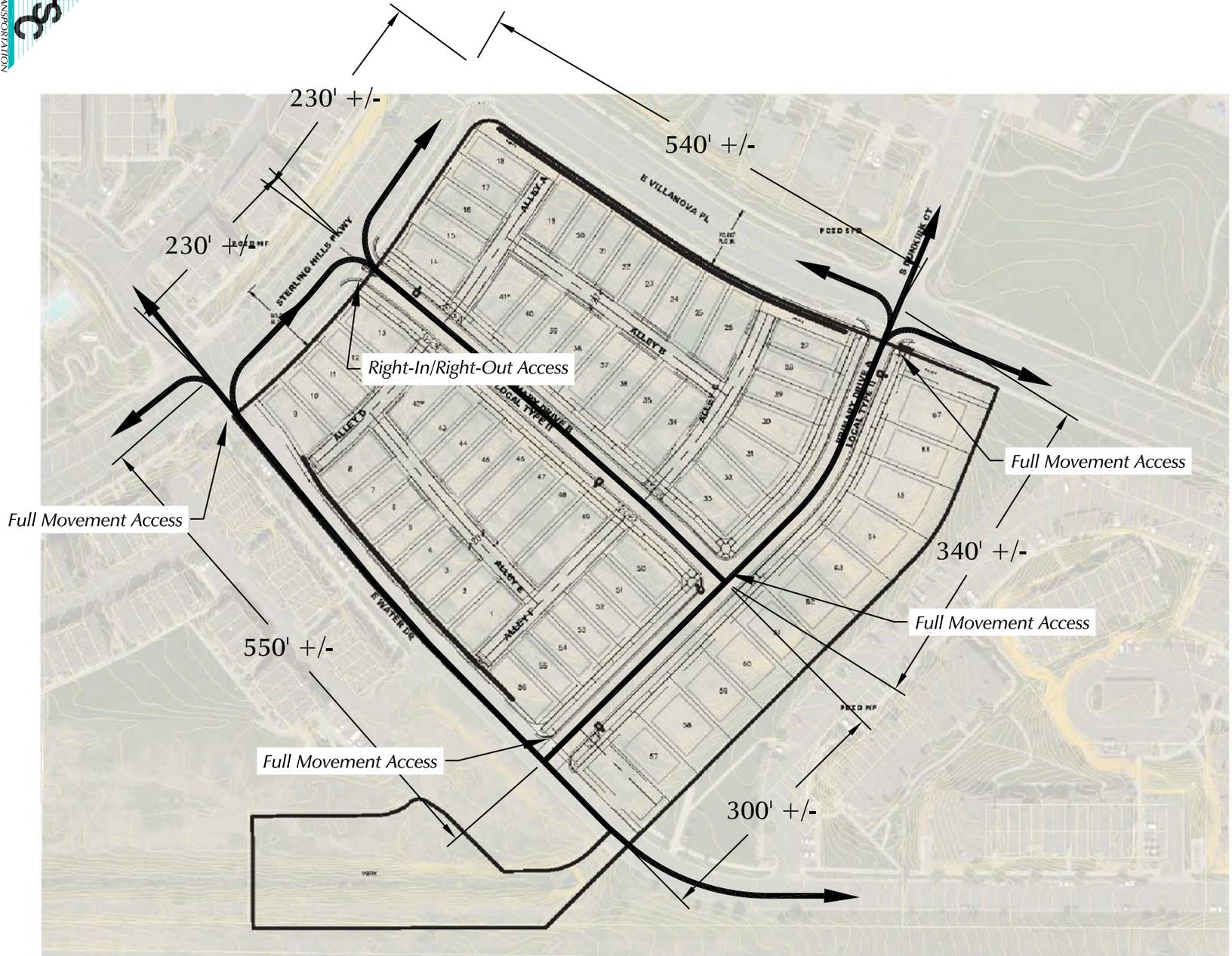
Enclosure: Table 1  
              Figures 1 and 2

**Table 1**  
**ESTIMATED TRAFFIC GENERATION**  
**Sterling Hills**  
**Aurora, CO**  
**(LSC #190890; August, 2019)**

Trip Generating Category	Quantity	Trip Generation Rates <sup>(1)</sup>				Vehicle - Trips Generated					
		Average Weekday	AM Peak-Hour In	PM Peak-Hour Out	PM Peak-Hour In	Average Weekday	AM Peak-Hour In	PM Peak-Hour Out	PM Peak-Hour In	PM Peak-Hour Out	
<b>CURRENTLY PROPOSED LAND USE</b>											
Single-Family Housing <sup>(2)</sup>	67 DU <sup>(3)</sup>	9.44	0.185	0.555	0.624	0.366	632	12	37	42	25

Notes:  
(1) Source: *Trip Generation*, Institute of Transportation Engineers, 10th Edition, 2017.  
(2) ITE Land Use No. 210 - Single-Family Detached Housing  
(3) DU = Dwelling Unit





North Arrow  
Approximate Scale  
Scale: NTS

Figure 2  
**Site Plan**

Sterling Hills (LSC #190890)