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**MEMORANDUM**

*Engineering Division*

July 15, 2016

To: ACHD Commissioners and Director  
 From: Bruce Mills, PE, Deputy Director, *Engineering Division*  
 Subject: **Highlands Area – Recommended Traffic & Safety Improvements Report**

**Executive Summary**

Following the summer 2015 Highland Cove Subdivision hearings, ACHD staff was directed to work with the Highlands neighborhood through a public process to assess and recommend various mitigation measures to improve the safety for all modes of travel in the greater Highlands area. This report summarizes this effort and makes recommendations for implementation of improvements.

**Chronology**

<u>Date</u>	<u>Event</u>
June 24, 2015	ACHD Commission heard testimony for Highlands Cove Subdivision preliminary plat application; deferred decision to August 5 for staff to collaborate with neighborhood and developer on possible mitigation to address traffic and safety concerns
August 5, 2015	Staff reported on possible mitigation measures; Commission approved application; put mitigation measures on hold pending Boise City Council action on application
December 1, 2015	Boise City Council approved preliminary plat application
February 10, 2016	Staff held work session with Commission to examine possible mitigation measures prior to holding a public open house meeting
April 6, 2016	ACHD held public open house meeting, gathered input directly and through a survey
June 15, 2016	Commission approved interim stop signs at five locations prior to developer beginning construction
April-July 2016	Staff worked with neighborhood representatives to refine mitigation measures

**Proposed Mitigation by Corridor**

**Highland View Drive**

Description	Estimated Cost	Schedule
Stop signs at Selkirk and Whidden (during construction as pilot first)	\$500	Installed July 2016
Extruded curb protected walking path, northerly side, Braemere to 900' east of Selkirk (existing sidewalk). Eliminates parking on northerly side.	\$50,000 (3700')	By Spring 2017; potential partial pilot in 2016?
Crosswalks at several locations (demand verified)	\$2,500	By Spring 2017

Eliminated from consideration:

- Seed humps (unsupported)
- Street lighting (unsupported – light pollution)
- Bus stops (can use protected path area)

**Upper Braemere (northeasterly of Curling)**

Description	Estimated Cost	Schedule
Stop signs at Balmoral and Chardie/Harcourt (during construction as pilot first)	\$500	Installed July 2016
Radar speed sign (alternate locations annually with Highland View Drive)	\$5,000	Fall 2016
Crosswalks at several locations (demand verified)	\$2,500	By Spring 2017

Eliminated from consideration:

- Speed humps (unsupported)
- Medians (try stop signs first)
- Chicanes (hard to retrofit/lost parking)

**Lower Braemere (Highland View Drive to Curling)**

Description	Estimated Cost	Schedule
One-way diverter, Curling to Ranch as a pilot. Includes buffered walking path on surplus pavement. Eliminates all travel from Upper Braemere and Curling onto Lower Braemere, except for right turns from Curling	\$2,000	Fall 2016 as pilot
Sidewalk on northwesterly side of Ranch, as a community program project	\$20,000	TBD

Eliminated from consideration:

- Additional speed humps (unsupported)

**Bogus Basin**

Description	Estimated Cost	Schedule
Install sidewalk gap connections northerly of Curling (community program project)		TBD
Enhanced lighting at SW corner of Bogus/Curling	\$2,000	Fall 2016
In-pavement pedestrian sign paddle across Bogus at Curling crosswalk	\$300	August 2016

**Curling**

Description	Estimated Cost	Schedule
Install all-way stop signs at Braemere, with ped ramp and new crosswalk	\$2,000	Stop sign in; other work in August 2016
Install RRFB in front of school at crosswalk. School District is scoping a parking lot rehabilitation project first, which will determine final crosswalk location.	\$30,000	TBD
Install candle-protected walking path along southerly side of Curling from Braemere to Cashmere. Involves widening north side of road and moving hydrant.	\$15,000	Spring 2017
Stripe 6' walking path along southerly side, Cashmere to Selkirk (no parking restriction) – vet with residents.	\$2,000	Spring 2017

## Cashmere/Whidden

Description	Estimated Cost	Schedule
Stripe 6' walking path on north side of Cashmere (Whidden to Curling) and crosswalk across west leg of Cashmere/Whidden. Stripe 6' walking path on west side of Whidden (Cashmere to HVD). No parking restrictions – vet with residents. All to improve safe route to school.	\$1,000	Spring 2017

### **Recommendation**

Implement items as outlined in report. Monitor and report back impacts to Commission.