#### TRAFFIC COMMITTEE MEETING

HIGHLANDS NEIGHBORHOOD ASSOCIATION

Date: 03/20/2018 6-8 PM

**Distribution:** HNA Website, HNA Facebook Page, NextDoor

- 1. Public Comment (2 minutes per person)
- 2. Prior Traffic Committee Presentation R.Anderson
- 3. Update ACHD Community Workshop (Feb 15, 2018) Rucklos
- 4. File sharing status Seacord
- 5. Update City response to developer mitigation funds inquiry Seacord
- 6. ACHD Meeting Agenda March 21, 2018
- 7. Draft Motions
  - a. None
- 8. Other Business
- 9. Adjourn

#### **ATTACHMENTS:**

- 1. Agenda Item 2 Powerpoint by Prior Traffic Committee
- 2. Agenda Item 5 City response to developer mitigation funds inquiry
- 3. Agenda Item 6 ACHD Meeting Agenda, March 21, 2018

## Highlands Traffic Mitigation Based on 7/27/16 Traffic Team presentation to ACHD with selected updates 3/2018

### Why important Curling and Highland View Lower Braemere

#### Traffic Mitigation background

- Born out of extensive feedback & testimony to City & ACHD regarding
- Appointed by the Highlands Neighborhood Association Board
  - Representation across the neighborhood

    Upper and Lower Highland View

    Upper and Lower Braemere

    Hackberry area

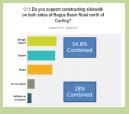
    Ranch/Crane Creek area
- Objective: Address existing & emerging traffic issues via collaborative &
  - Partner with neighborhood, ACHD, City of Boise, Boise School District
- Directed by Guiding Principles
  - Knowing that full agreement would not occur

#### Process / Methodology

- Initial alignment meeting with Commissioner Woods and Council President Clegg as sponsors
   Developed the process and approach
   Collaborative, iterative and guided by outcome objectives

- Iterative approach to developing a plan
   Evaluated survey data
   Rationalized feedback with outcome objectives
   Research & Observation
   Refinement with ACHD/City planners/engineers
- Reviewed proposal at neighborhood meeting on June 23 at Healthwise

#### **Example of ACHD Survey** Feedback



#### **Guiding Principles**

To create, in partnership with the City of Boise, ACHD & Boise School District a comprehensive traffic mitigation plan that addresses existing safety concerns as well as the emerging issues from the Highlands Cove development.

- To preserve livability
- To promote safe walking routes to school
- To promote safe and robust pedestrian and bicycle accommodations
- To preserve the **visual appeal** of neighborhood
- To ensure the nature and classification of **sub standard** streets are respected in future decisions
- To enhance safety around Highlands Elementary
- To ensure a traffic flow plan that distributes traffic from the new development in a 50/50 split between Highland View Drive and E. Braemere

#### Alignment

- Via collaborative & iterative approach...drove with consensus/alignment as
  - High degree of consensus around most issues (see individual survey
  - Data driven ACHD survey feedback informing the process
  - Received very positive neighborhood feedback during the recent neighborhood meeting
  - Understand that 100% consensus was not possible
    - Where consensus was split we relied on the outcome objectives and the 'greater good' approach
- Leverage pilot concept so we all can benefit from learnings
- Integrated nature of plan

  - Comprehensive (Element 1 links to Element 2)
     Example: Diversion and complimentary mitigation in front of school
     Pilot learnings will address requirements before implementing final solution

#### School Area Traffic and Safety Improvements

- Potential revamp of existing parking lot to move more of the school pickup/drop-off activity and parking off the street
- New sidewalks or walking lanes on key approach routes
- Easier crossing to the school side of the street in lower risk spots
- 4 One way loop encouraged by diversion

#### Rationale

- onate

  Added safety and reduced congestion
  during pickup and drop-off rush times.

  Easier throughput for motorists going
  past the school as well as easier access
  for those going to the school.



#### **Summary**

- The plan

  Aligns to the outcome objectives

  Is realistic and can be implemented

  Requires minimal investment and delivers positive outcomes

  Addresses many issues but inherently cannot solve all of the issues (aging patient analogy)

  In some cases, proposed items are the best among imperfect choices

- The 50/50 split remains critical to the plan
  Understand this is a city condition, but request partnership with the city to ensure it is meaningful
  Requirement that the road be complete before development commences
- Request that \$50K be set aside for remediation in front of school
   Following process with Boise School District and City
- Sincere thank you for the collaboration!
- Request funding approval for this comprehensive plan this evening
   To include sidewalk section on Curling
   The neighborhood will report back with pilot findings
   Will return as needed based on 50/50 split approach (Plan will change depending on 50/50 split approach)

## **Proposal Detail**

#### Highlands Traffic Mitigation Plan Summary

- Highlands Cove

  Effective 50/50 split of traffic to HVD and E. Braemere

  Highland View Drive

  Protected lane Estruded Curb for Pedestrian/Bike Lane (Pilot)

  Stop Signs and crosswalls: Whidden and Selbrik

  Additional crosswalls: Whydenere, Park Hill and Braemere

  Adjust HVD to maximum limit of 3000 ADT based on sub-standard nature of road

  Earl Brangere

- Adjust HVD to maximum limit of 3000 Aur obsess on secretarian

  East Brazemere

  Stop Signs and crosswalks: Balmonal and Harcourt/Chardie

  Additional crosswalk at Hearthstone

  Maximum limit of 3000 ADT

  Movable rader speed sign (also Highland View, Bogus Basin)

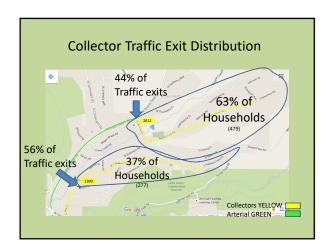
  Bogus Basin

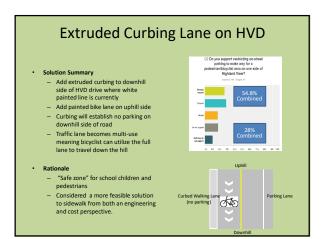
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- Enhanced warming styre a transfer of the Curling
   Curling
   All-Way stop and crosswalks at Braemere intersection
   Sidevalk Braemere to Cashmere and striped walking lane to top of Curling
   Styriped walking lane on Cashmere, Curling to Whidden. Crosswalk across Cashmere at SW side of Whidden
   Drop-off and parking improvements at school
   Lower Braemere
   Sidevalk Ranch to Curling
   Partial diverter pilot at Curling Braemere intersection (Pilot)

### Highlands Comprehensive Traffic Mitigation Plan 3 Components Conditions Owned by City (50/50 split, \$120K, etc) Mitigation Owned by ACHD School Pickup/Drop-off Area Owned by Boise School District





# Solution Summary Add extruded curbing to downhill side of HVD drive where white painted line is currently Painted like lane on uphill side Curbing will establish no parking on downhill side of road Traffic lane becomes multi-use meaning bicyclist can utilize the full lane to travel down the hill (painted similar to 137° S) Pros/Const Constitution in risk of a state verse for pedestrians racident by growling "safe sone" for pedestrians racident by moving the sone of the production of the state of the sone of the sone

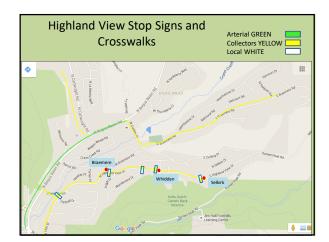
## Example of Curbed Lane Outstanding (2018) • Requested school area enhancements to improve dropoff/pick-up Construction to move forward starting June, 2019 Bulb outs, warning beacon at crosswalk added 2017 Approved plan elements pending implementation HVD curbed walkway Sidewalk stretches (BB Rd-funded, U. Curling—not funded) Highlands Cove City-required mitigation and 50% split Spending of 100K set aside for mitigation Requested 3000 car limit on HVD Additional crosswalks Multiple locations Warning sign/crossing flags at BB Rd/Curling intersection Appendix

#### All Way Stops/Crosswalks at Selkirk and Whidden

- Solution Summary
- Create all-way stops at the intersections:
  - E. HVD and Selkirk
  - W. HVD and Whidden
- Add crosswalks at each intersection New crosswalks at Wyndemere, Braemere, and Park Hill intersections

- Promotes safer environment for pedestrians and bikers with slowed traffic and designated
- Low cost, less noise, and less visually intrusive than speed bumps





#### All Way Stops /Crosswalks Chardie/Harcourt and Balmoral

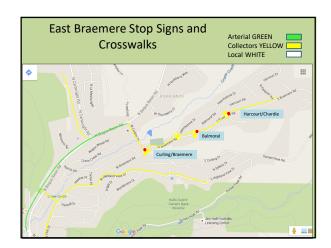
- Solution Summary

  - Iution Summary
    Create All Way Stops at the
    intersections:
    E. Braemere and Chardie/Harcourt
    E. Braemere and Balmoral
    Add crosswalks at each intersection
    Add crosswalk across Hearthstone at E.
    Braemere

#### Rationale

- Promotes safer environment for pedestrians and bikers with slowed traffic and designated cross walks.
- Low cost, less noise, and less visually intrusive than speed bumps

Q12 Do you support installing stop signs on E. Braemere at Balmoral and Harcourt/Chardie?				
Brongly support	44.3% Combined			
Support	combined			
Do not expent  Entirity do not support	21% Combined			
05, 105, 205, 205, 40	5 M6 806 72% A96 805 1395			



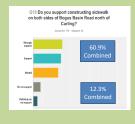
#### Continuation of Sidewalk on Bogus Basin Rd North of **Curling into Hackberry**

#### • Solution Summary

Sidewalk on Bogus Basin Rd from Bogus Basin/Curling intersection north to existing sidewalks (both sides)

#### • Rationale

Increases safety on walking route between school and Hackberry area. Fills in broken link to existing sidewalks.



#### Crosswalk Enhancements at Bogus Basin Rd/Curling

- Repaint crosswalks that have faded on all sides of intersection In-road pedestrian warning sign Pedestrian-held flags Review/enhance intersection lighting

#### Rationale

Improves safety of crossing street at Bogus Basin and Curling, particularly for those walking from Cartwright area.



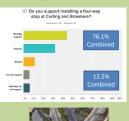
#### All Way Stop/Crosswalks at Curling/Braemere

#### • Solution Summary

- All-way stop at Curling and Braemere intersection
- Painted crosswalks/ramps

#### • Rationale

- Increases driving and walking safety on Curling and Braemere
- Encourages school kids from Upper Braemere and Curling to cross before the school area.
- Reduces crossings on Northwest side of intersection which has dramatically more traffic





#### Sidewalk on Curling from Braemere to Cashmere

#### • Solution Summary

- Sidewalk on uphill side of Curling from Braemere Intersection to Cashmere
- Shift traffic lanes towards golf course to accommodate sidewalk without requiring acquiring additional right of way.
- Buffered walking lanes and crosswalks on Whidden and Cashmere

#### • Rationale

 Increases walking safety on major walking link between school and upper Curling/Highland View area (next to golf course)





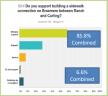
#### Lower Braemere Sidewalk Ranch to Curling

#### • Solution Summary

- Sidewalk on L. Braemere from Braemere/Curling intersection to Braemere/Ranch intersection

#### Rationale

Increases walking safety on major
 walking link between school and lower
 Highlands







Partial Diversion Pilot at Curling/Braemere Intersection							
Solution Summary     Partial diversion pilot     U. to L Braemere traffic motion diverted	Q15 Do you support reconfiguring Braemere at Curling?  Assertal 175 Disport.35						
to utilize Curling and Bogus Basin - SW Right turn allowed : L. Curling to L. Braemere	44% Combined						
<ul> <li>Temporary walkway Curling to Ranch</li> <li>Full access for pedestrians, bikes, vehicles in emergencies</li> </ul>	No.dead 2009/						
Rationale	Outsitudy do not support  Combined (cst.)*						
Reduces traffic to appropriate level for the substandard design of the street : currently 5.5X the typical trips per household of Local streets.	Phonos explois  04. 104. 205. 305. 405. 504. 405. 719. 805. 605. 1005.						
Improves walking safety for 265 homes. Supports more walking to school and less school traffic Encourages a loop pattern for school traffic, reducing car trips, turn arounds and drop-offs on the wrong side of Curling Reduces traffic on sub-standard L.							
Highland View Collector to reflect proportionate amount for population							

#### **Additional Items**

- Increased enforcement
- ACHD required median at E. Braemere/E. Highland View





#### AGENDA ITEM 5

#### **Tom Seacord**

From: Hal Simmons <HSIMMONS@cityofboise.org>

Sent: Monday, February 26, 2018 1:27 PM

To: JEFF BRADLEY

**Cc:** Bruce Wong; Tom Seacord; Scott Tuthill; Leon Letson; Zach Piepmeyer

**Subject:** RE: [External] Highlands Cove traffic mitigation funds

Attachments: Highlands Area FINAL Approved Traffic Mitigation Measures - Status 17071....pdf

Hi Jeff,

As you know, a total of \$120,000 for traffic mitigation was required to be paid by the developer of Highlands Cove. \$20,000 went to ACHD and \$100,000 was to go to Boise. The City of Boise would then place the money into an escrow account and release funds as mitigation projects were completed and bills came due.

Prior to establishment of the escrow account, the developer began funding engineering and construction of two approved traffic calming projects; one on Chardie and one on North Highland View. The projects included bulb-outs and center islands, with landscaping, irrigation and signage. Those projects were approved by the City Council and ACHD and the developer was required to fund them out of the \$100,000 identified above.

Prior to completion of those initial mitigation projects (which were at the time estimated to cost just under \$40,000 but ultimately cost somewhat more), the developer submitted the remaining \$60,042 to the City of Boise. That amount of money is in the escrow account and is available for additional mitigation work. There is no prescribed process currently in place for determining how and where that money should be spent. However, a variety of projects were identified by ACHD and a committee of Highlands residents in 2016. That list may be a reasonable starting point for further discussions about what to fund next. I have attached that list of projects to this e-mail.

The remaining \$60,042 can be spent anywhere within the Highlands. The developer has expressed his intent to leave it up to the neighborhood and ACHD to figure out how to spend it. Our thoughts are that a proposal from the Neighborhood Association to the City of Boise/ACHD would be appropriate to start discussion about the next project.

We are not aware that any decisions have been made by ACHD regarding how to spend the \$20,000 that they have available. I believe that the work they have done so far, including the traffic diverter, and some projects on the attached list have not come from the \$20,000. We assume ACHD remains open to input from the neighbors as well.

The Boise planning team are available to discuss potential projects whenever the neighborhood is ready. Zack Piepmeyer or Leon Letson on our staff would be the appropriate team members to contact. They can be reached by calling the front desk at (208) 608-7100. Their direct contact information is also available on our website.

Sincerely,

Hal Simmons



Hal Simmons Planning Division Director Planning and Development Services Office: (208)608-7072

hsimmons@cityofboise.org

Making Boise the most livable city in the country.

**From:** JEFF BRADLEY [mailto:bighitter@cableone.net]

Sent: Monday, February 12, 2018 8:06 AM

To: Hal Simmons < HSIMMONS@cityofboise.org>

Cc: Bruce Wong <bwong@achdidaho.org>; Tom Seacord <tseacord@carollo.com>; Scott Tuthill

<satuthill@cableone.net>

Subject: [External] Highlands Cove traffic mitigation funds

Hi Mr. Simmons,

Attached is a letter requesting a status update of the Highlands Cove traffic mitigation funds. Please let me know if you have any questions.

**Thanks** 

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#### Highlands Area Traffic Mitigation Measures – Approved by Commission July 27, 2016

Summary of Approved Mitigation Measures					
HIGHLAND VIEW DRIVE					
1.Stop signs at Selkirk & Whidden Complete 7/12/16 2.Extruded curb protected path – north side, Parkhill to ~900' east of Selkirk PS&E Complete	\$500 \$90,000	Installed ~6000' – contract out. Determine openings. Move mailboxes next to driveways? Shorter candles requested by neighbors for aesthetics. In-house design needed? Sharrows on road as well.			
3.Crosswalks at several locations Very low pedestrian activity at new stop control at Selkirk and Whidden. Crosswalk markings not recommended.	\$2,500	Traffic to determine need after path is in and school is in session			
UPPER BRAEMERE					
1.Stop signs at Balmoral & Chardie Complete 7/12/16	\$500	Installed			
2.Radar speed sign Sign installed – WB Braemere E/O Crane Creek CC.	\$5,000	Traffic order and install. I have contact for a property owner interested if location makes sense. Potential annual relocation like Crescent Rim.			
3.Crosswalks at several locations Very low pedestrian activity at new stop control at Balmoral and Chardie.  Crosswalk markings not recommended.	\$2,500	Traffic to determine need after school is in session.			
LOWER BRAEMERE					
One-way diverter, Curling to Ranch, right turn only Complete 8/24/16 (temporary)  Permanent design ready pending emergency services review	\$2,000	Design with candles and paint, and install before school if possible. Lots of signage needed. Assume design and installation by Traffic. Include candled walkway between Curling and Ranch. Coordinate with 2 homes.			
2.Sidewalk, Ranch to Curling  Designed with permanent diverter	TBD	Community project – In-house design, small retaining wall, single ROW purchase. Commissioner Woods would like to see this moved up.			

BOGUS BASIN		
Install sidewalk gap connections northerly of Curling     Programmed – Community Programs project	TBD	Commissioner Woods would like to see this done in asphalt as interim, prior to Community project. Maintenance?
2.Enhanced lighting at SW corner of Bogus/Curling Complete 11/28/16	\$3,000	Traffic to work with the City of Boise to get this installed.
3.In-pavement pedestrian sign across Bogus at Curling crosswalk Complete 9/16/16	\$300	Traffic to install after chip seal and new crosswalk markings
4.Advance Warning Signage approaching Ranch Complete 9/9/16	\$250	Traffic to do
CURLING		
1. Install stop signs at Braemere, with ped ramp and crosswalk Signs complete 7/12/16	\$2,000	Stop signs installed. Ryan installing ramps. Traffic to put in crosswalk after chip seal.
2. Install interim candle-protected walking path, Braemere to Cashmere. Complete 9/27/16	\$15,000	Maintenance project? Before chip seal possible?
3. Stripe 6' walking path, Cashmere to Selkirk – vet with residents	\$2,000	Traffic has lead, after chip seal. Would not restrict parking
Assess protected crosswalk treatment in front of school     Enhanced crosswalk (RRFB/curb extensions) designed –     School District review pending	TBD	P & P and Traffic work with School District – longer term item.
CASHMERE/WHIDDEN		
1.Stripe 6' path on north side of Cashmere (Whidden to Curling); Crosswalk across west leg of Cashmere/Whidden; Stripe 6' path on west side of Whidden (Cashmere to HVD) – vet with residents Complete 9/29/16	\$1,000	Traffic has lead, after chip seal. Would not restrict parking
Partial Estimated Total (without TBDs):	~\$130,000	
r artial Estimated Fotal (Without FBDs).	~\$130,000	

#### NOTES:

- 1. Need to coordinate with Communications to get word out on these changes.
- 2. Traffic must determine appropriate lane/path widths and any changes to existing striping that need to be adjusted prior to chip sealing to accommodate these items on each route.

MEETING AGENDA

#### **MEETING WITH ACHD**

#### HIGHLANDS NEIGHBORHOOD ASSOCIATION TRAFFIC COMMITTEE

Date: March 21, 2018 Time: 1-2:30 PM

Location: 3775 Adams St. Garden City, Idaho 83714

Attendees: HNA Traffic Committee Tom Seacord – Chair Bruce Wong - Director Dean Nygard – Area 1 Paul Woods – Commissioner Dave Rucklos – Area 2 Lauren Brassell – Area 3 (Proxy) Chris Wuthrich – Area 4

#### **Priority items for Highland View Drive**

- 1. Candles/Extruded Curb Issues
  - a. What other alternatives were considered before ACHD decided on extruded curb?
  - b. Did ACHD consider asking the developer to install a sidewalk (per Policy Manual Section 7206.2.2)? What is the estimated cost of a sidewalk?
  - c. Discuss concerns with current candles (width and tilt of walking path, candles installed well inside the white striping, accessibility for wheelchairs and wide strollers, parking restrictions, debris/gravel collection, etc.)
  - d. How does the planned extruded curb address needs of all street users (pedestrians, cyclists, vehicles), and residents (parking, trash cans, debris removal, etc.)?
- 2. Future options for HVD considerations prior to installation of extruded curb
  - a. Discuss additional options for the street to address speed and traffic (turtles, striping modifications, parking restrictions, etc. )
  - b. Discuss possibility of various trial measures on different parts of the road (tailoring to the conditions of the road segments) and studying the outcomes by residents and other users of HVD
  - c. Status of additional mitigation measures addressed in various previous plans (crosswalks, school bus stop protections, speed control signs, additional speed signs, traffic/speed cameras, assistance with police enforcement, etc.)
  - d. What innovative/creative approaches are other roads agencies implementing on streets with issues similar to HVD? Are there examples in other geographies that ACHD could consider?
  - e. HNA's role in design specifications for future traffic mitigation measures

- f. Communication expectations between ACHD, HNA and residents
- 3. Bicycle access
  - a. What are the standards for safe bicycle travel on a street like HVD (any local examples)?
  - b. What options are viable for bicycle uses on HVD?
- 4. Compliance monitoring with Highlands Cove conditions of approval
  - a. How will ACHD monitor compliance (<50% of traffic resulting from the development use HVD)?
  - b. Status of \$20,000 funds held by ACHD (from the developer)
- 5. Issues near 15th and Hill
  - a. What is the plan to address intersection issues related to the approved assisted living development (15<sup>th</sup> and Camelsback Lane, ingress/egress from assisted living center)?
  - b. Crosswalk uphill from Camelsback Lane does not align with the lighting for the cross walk also poor line of sight from cars travelling uphill
  - c. Speed limit patterns are disjointed near this intersection and on HVD (20 mph on Hill Rd, 30 on 15<sup>th</sup> north of Hill, then 25 north of Park Hill, then 20 north of Braemere)
- 6. Consensus from residents
  - a. What traffic mitigation measures require consensus? How is that achieved?
  - b. Need for future survey of residents?

#### **Priority items for School Remodel & Other Area Priorities**

- 1. School zone
  - a. Remodel
    - i. Other than relocating school entry/exit, are any changes planned on Curling or at the intersection of Curling/Bogus Basin Rd in association with the remodel?
    - ii. Need for left turning lane at school entry (northbound on Curling)
    - iii. Does ACHD have any influence over construction traffic mitigation, questions/concerns?
  - b. Interim (and long-term) No-Parking Zone at Bogus/Curling
    - i. Nature of pinch point and solution
      - 1. Limit to peak hours?
    - ii. Process for consideration
  - c. Upgrade of intersection @ Bogus/Curling
    - i. Process for evaluation of traffic signal
      - 1. Factors considered? Signal Warrant Analysis

- ii. Roundabout was included in streets master plan, what would be the threshold to get such a project implemented?
  <a href="https://www.achdidaho.org/Documents/Projects/Master%20Street%20Map%202016.pdf">https://www.achdidaho.org/Documents/Projects/Master%20Street%20Map%202016.pdf</a>
- iii. ACHD advice on evaluating
  - 1. Issues best suited for evaluating now

#### 2. Upper Curling N/O Braemere

- a. Overview process for evaluating cut-through traffic for possible mitigation?
  - i. Peak hour vs. average day?
  - ii. Mitigation thresholds required for local streets
- b. Post W.Braemere Diverter data U.Curling/Cashmere/Whidden
  - i. Nov 2016 vs. Jan 2017
  - ii. Other available data?
  - iii. Special observations from Six Mile Study

#### 3. E.Braemere/HV Drive Diverter

a. Safety issue regarding current diverter configuration.

#### 4. Torridon Way

a. There is a need to mitigate speed on Bogus Basin Road to permit safe left turns from Torridon Way. Need to discuss mitigation option and timeframes for implementation.