

TRAFFIC COMMITTEE MEETING

HIGHLANDS NEIGHBORHOOD ASSOCIATION

Date: 02/06/2018

Distribution: HNA Website, HNA Facebook Page, NextDoor

1. Public Comment (2 minutes per person)
2. Area 2 Presentation (**Attached**)
 - a. Background: Pertinent to school discussion - Area 2 will present research on the W. Braemere diverter safety impacts and the Draft/Final Peer Review Report. The purpose is not to re-litigate the Diverter, but rather, if we are going to be able to move on and find common ground on the safety issues, we need to understand how Area 2 sees things.
 - b. Follow-up Discussion:
 - i. Sidewalk improvements in front of school have helped mitigate added 160 car traffic volume each AM and PM. Intersection crossing issue, however, is not addressed.
 - ii. In reference to added traffic sent to Cashmere/Curling - does "terrain" impact ACHD "substandard" intersection criteria?
 - iii. Traffic Committee seeks to discuss relevancy of draft report cut-through conclusions (ref. L.White's "peak hour" analysis response to R.Arnold) and Bogus/Curling intersection concern. These topics to be included on agenda for ACHD meeting. Agenda will be circulated before the meeting. **Draft agenda attached**, see **Agenda Item 4B**).
3. Priority items for an HNA Public Comment on the School Remodel.
 - a. Summary of Feb 5, 2018 Public Meeting hosted by Boise School District:
 - i. School District is preparing to take public comments on "remodel" versus "new bldg." concepts.
 - ii. Decision will be made in April 2018 on "remodel" vs "new bldg."
 - iii. Traffic arrangement post-construction is the same for both alternatives. Traffic committee therefore will not be passing along any recommendation to the HNA Exec committee regarding a preference.
 - iv. Architect Don Hutchison indicated that ACHD is not planning to make improvements on Curling or at the intersection of Curling/Bogus Basin Rd.
 - v. After April 2018, the architect and engineering team will begin design and begin to prepare construction contract documents that will include work restrictions that the contractor must follow during

MINUTES

- construction, which may include: work hours, delivery hours, contractor parking, construction traffic routes, egress requirements, bussing drop off and pickup.
 - vi. Architect/Engineer team referenced Whittier and Lowell Elementary schools as similar projects that we could visit.
 - b. Discussion:
 - i.
 - c. Follow-up:
 - i. **ACTION:** Traffic Committee will draft a letter for HNA to send to school district indicating our interest in being involved in establish the construction work requirements.
 - ii. **ACTION:** T.Seacord will contact HNAs for Whittier and Lowell to ask about:
 - 1. The HNA's involvement and working relationships with the School District.
 - 2. Experiences/impacts during construction.
 - 3. If they had to do something different...what would that be?
 - iii. **ACTION:** HNA Exec committee will explore the possibility of creating a school remodel committee. This committee may interface with the traffic committee and also focus on non-traffic impacts like green-space use, preserving or relocating the pavilion, trees, noise requirements during construction, etc. If committee will be formed, the goal is to establish a committee by the end of March.
4. Review agenda items for Future ACHD Meetings
- a. HV Drive Priorities
 - i. Refer to attached revised draft agenda.
 - b. School Remodel & Other area priorities/
 - i. Refer to attached revised draft agenda.
 - c. Discussion:
 - i. HNA Bylaws (Article 5C) require that committee meetings be open to the all HNA residents, however, a meeting with ACHD is considered a workshop between committee captains (or their delegates) and ACHD staff. In the spirit of Bylaws Article 5C:
 - 1. Draft agendas will be circulated prior to each workshop.
 - 2. Final Agenda will be distributed ~1 week before the workshop.
 - 3. Minutes will be distributed/posted to the HNA Facebook page, Nextdoor and the HNA website.Comments on the draft/final agendas and meeting minutes are welcome.
 - ii. **ACTION:** T.Seacord will:
 - 1. Coordinate with Area Captains regarding comments on draft agendas.
 - 2. Contact ACHD and request meetings to discuss the agenda items with ACHD staff.

MINUTES

3. Distribute Doodle poll to area captains (or their delegates) and ACHD to find a date for the meeting.
4. Post final agendas and meeting minutes to Facebook, Nextdoor, HNA Website.
5. Draft Motions
 - a. Letter from HNA to City of Boise Planning and Development (Hal Simmons) regarding clarification on Highland Cove Mitigation Funds
 - i. Motion passed unanimously with edits (**attached**)
6. Ski Parking on Curling (Wuthrich)
 - a. Background/Discussion:
 - i. Suggestion was made to ask ACHD to create restricted parking area between the intersection of Bogus/Curling and the entry ways to Elementary School and Bomb Shelter. Parking restriction could be limited to peak hours. Such a measure could provide relief for peak hour at the intersection before & after elementary school construction begins.
 - b. Action: **Added to Agenda Item 4B** for discussion with ACHD.
7. Status of Google Drive for file sharing (Wuthrich)
 - a. Background/Discussion:
 - i. Desire was expressed during Jan 24, 2018 meeting to have a file sharing site where prior report, data and meeting minutes could be located for general access.
 - ii. Committee captains will use Google Drive for sharing “working documents”.
 - b. **ACTION:** Committee captains will get google accounts and start using files on Google drive.
 - c. **ACTION:** T.Seacord will ask S.Regean if there is a way to create file “directories” on the HNA website.
8. Feb 15, 2018 – ACHD Budget and Project Request Workshop (Rucklos)
 - a. Background:
 - i. ACHD is hosting a Budget and Project Request Workshop on Feb 15, 2018 from 5:30 to 8 PM at their offices 3775 Adams Street, Garden City, ID 83714.
 - ii. The purpose of the workshop is to provide the public ideas on how to request future projects, ask questions, and suggest projects.
 - iii. <https://www.facebook.com/events/142093979792843/>
 - b. Discussion:
 - i. Committee seeks better understanding of this process in advance of our face-to-face meeting(s) with ACHD in March.
 - c. **ACTION:** Dave Rucklos (Area 2 Captain) will attend and provide notes back to the Committee

MINUTES

9. Other Business

- a. Prior traffic committee will be given 20 minutes at next meeting to discuss background and experiences from 2016-2017. Suggested next meeting scheduled for March, prior to meeting with ACHD.
- b. Concern regarding turning lane/traffic configuration on Camelback Ln and N.15th Street – currently and after retirement center is built. **Topic added to Agenda Item 4A.**

10. Adjourn @ 7:50 PM

ATTACHMENTS:

1. Agenda Item 2 - Area 2 Presentation/W.Braemere Diverter Safety Impacts
2. 4A – HV Drive Priorities (**revised**)
3. 4B – School Remodel & other area priorities (**revised**)
4. 5A – Letter from HNA to City of Boise Planning and Development (Hal Simmons) regarding clarification on Highland Cove Mitigation Funds. (**revised**)

Highlands Traffic Committee
Area 2 Presentation
February 6, 2018

Outline

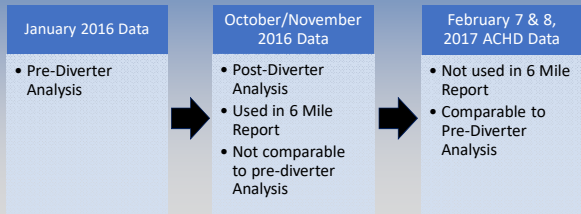
- **Data Analysis**
- 6 Mile "Peer Review"
- Summary

**Highlands Traffic Data Falls Short
of a Fair & Comprehensive Analysis**

Pre-Diverter Data Analysis Did Not Evaluate Post-Diverter Impact on Public Safety

- January 2016 traffic data on L. Braemere met threshold (**@ peak hour**) for additional traffic mitigation per ACHD Policy Manual § 5104.2.4
- ACHD data shows that **~160 more cars** will be diverted past Highlands Elementary during “peak” morning & afternoon hours
- Not included in January 2016 data:
 - The impact at the intersection of Curling and Bogus Basin Rd.
 - The impact of traffic diverted to residential streets, such as Curling, Whidden, and Cashmere

Pre-Diverter Traffic on L. Braemere in Jan. 2016 Due to Bogus Basin



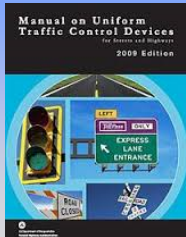
Conclusion

The Pre- & Post-Diverter Data Is Not Comparable.

Therefore, the 6 Mile Peer Review Report is Flawed.

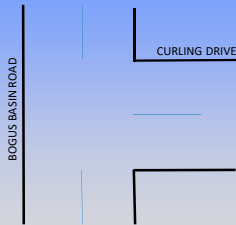
6 Mile Report Did Not Analyze Fundamental Flaws Created by the Diverter

US Dept. of Transportation Manual for Uniform Traffic Control Devices, Part 4, Section 4C



- USDOT = Industry standard of care
- 4C.01 says....
 - Do a traffic study
 - Evaluate factors related to the existing operation and safety...and the potential to improve these conditions using a traffic signal
- Multiple ways (“warrants”) to determine if an intersection qualifies for a traffic signal

4C.04.A – (Warrant 3) All Three of the Following Conditions Must be Met for the Same 1-Hour Period to “Warrant” a Traffic Signal



Traffic Backup On Curling @ Bogus Basin Rd
Feb 28, 2017
Post snow melt

US Dept of Transportation
Manual for Uniform Traffic Control Devices, Part 4, Section 4C.04, Warrant 3

TEST 1: Traffic Backup on Curling \geq 4 Cars
 4C.04.A.1

**TEST 1
CONDITION SATISFIED**

Traffic Backup On Curling @ Bogus Basin Rd
Feb 28, 2017
Post snow melt

US Dept of Transportation
Manual for Uniform Traffic Control Devices, Part 4, Section 4C.04, Warrant 3

TEST 1: Traffic Backup on Curling \geq 4 Cars
 4C.04.A.1

**TEST 1
CONDITION SATISFIED**

Jan 31 – Feb 2 2017 post ACHD snow removal on 1/27/2016; Average temp 30s & 40s

TEST 2: Volume from Curling $>$ 100 Vehicles per Hr

**TEST 2
CONDITION SATISFIED**

4C.04.A.2
2/7/2017 PM (15:00-15:45) = 159/hr
2/7/2017 PM (16:00-16:45) = 143/hr
2/8/2017 AM (7:00-7:45) = 151/hr
2/8/2017 AM (8:00-8:45) = 230/hr

US Dept of Transportation
Manual for Uniform Traffic Control Devices, Part 4, Section 4C.04, Warrant 3

TEST 3: Total Volume Entering from All Approaches > 650 per Hr

**TEST 3
CONDITION SATISFIED**

4C.04.A.3
2/7/2017 PM (15:00-15:45) = 669/hr
2/8/2017 AM (8:15-9:00) = 668/hr

US Dept of Transportation
Manual for Uniform Traffic Control Devices, Part 4, Section 4C.04, Warrant 3

Conclusion

***Based upon USDOT's Industry Standard,
Diverter Placement Results
in the Need for a Traffic Signal
@ Bogus Basin Road & Curling Drive***

The Peer Review Report is flawed having not included this fundamental problem created by the diverter

Outline

- Data Analysis
- **6 Mile "Peer Review"**
- Summary

6 Mile Report Fails the Test of an "Independent Peer Review"

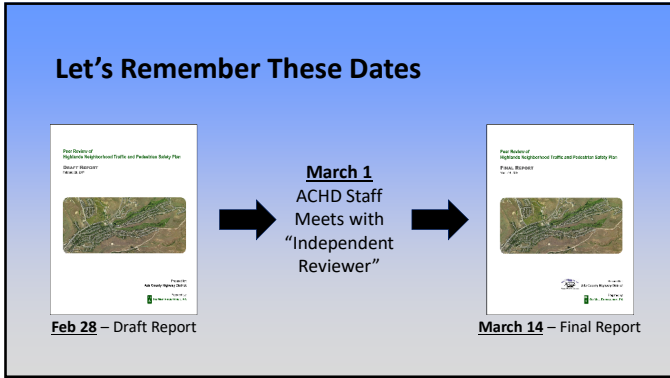


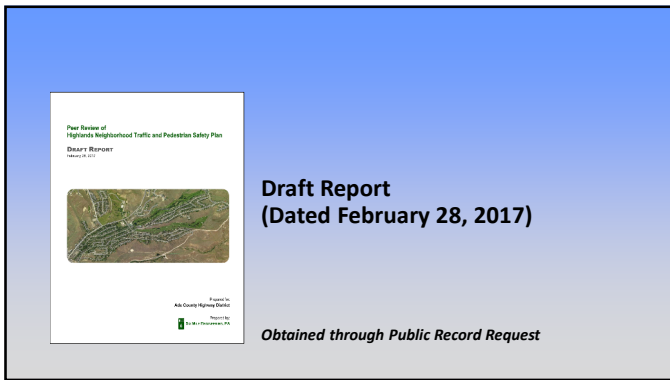
Wikipedia Explains Engineering "Peer Review" Standards

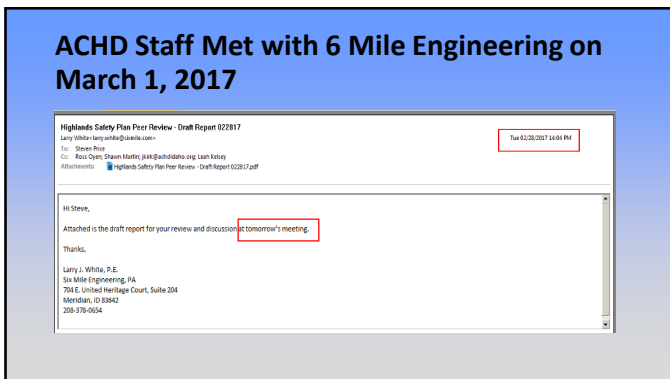
"...focuses on the performance of professionals, with a view to improving quality, upholding standards, or providing certification."

The "Peer Review" process includes a moderator to create independency between the reviewer and the engineers that performed the work.

NASA Systems Engineering Handbook







After Meeting with ACHD Staff, Significant Changes to the Report Were Made

The Report is no longer "Independent Peer Review"

Feb 28 – Draft Report Mar 14 – Final Report Comparison Document

Comparing the Draft and Final Report; Cut-through Conclusions Were Changed

1.4. The diverter re-routed traffic to other streets in the neighborhood, resulting in estimated cut-through traffic on Whidden Street, Cashmere Road and Curling Drive, southeast of Braemere Road, that exceeds ACHD's threshold requirements for cut-through traffic mitigation; cut-through traffic from Lower Braemere Road to Curling Drive. The increase in travel time for the re-routed traffic to drive from the intersection of Braemere Road and Curling Drive to the intersection of Hill Road and 15th Street along the diverted route is approximately 40 seconds on average during the peak hours compared to traveling the cut-through route.

Draft report says cut-through on Whidden, Cashmere & Curling exceeded ACHD standard.

Cut-through Impact Conclusions Were Changed After March 1, 2017 ACHD Staff Meeting with 6 Mile Engineering

1.6. The diverter also re-routed traffic to other streets in the neighborhood resulting in an increase in cut-through traffic on Whidden Street, Cashmere Road and Curling Drive southeast of Braemere Road. However, the increased cut-through traffic volumes on these streets do not exceed ACHD Policy Manual Section 5104.2.4 minimum thresholds for cut-through traffic mitigation.

Final report says cut-through on Whidden, Cashmere, and Curling increased but did not exceed ACHD standard.

Conclusion

*6 Mile Report fails the test of an
"Independent Peer Review"*

Outline

- Data Analysis
- 6 Mile "Peer Review"
- Summary

How does Area 2 see this?

How can we find common ground and move forward?

- Let's conduct our process in accordance with HNA Bylaws

- Recognize traffic mitigation was needed to address volume on W.Braemere – but...
 - Let's recognize the resulting safety issues:
 - Emergency egress
 - Volume problems on Curling, Cashmere and Whidden
 - Volume problems at Bogus/Curling
 - Let's work together to find common ground to address these safety issues

Recommend we seek clarification from ACHD on the following

- Applicability of Feb 2017 data at
 - Curling/Bogus Basin Road
 - Curling/Cashmere/Whidden
- Draft 6-mile report conclusions for Residential portions of Curling/Cashmere/Whidden
 - L.White response to Commissioner Arnold regarding "Peak Hour"

AGENDA ITEM 4A

(REVISED DRAFT – 02/13/2018)

Priority items for meeting with ACHD on Highland View Drive Issues

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 (15th 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 15th 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?

AGENDA ITEM 4B

(REVISED DRAFT – 02/13/2018)

Priority items for meeting with ACHD on School Remodel and 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?
<https://www.achdidaho.org/Documents/Projects/Master%20Street%20Map%202016.pdf>
- 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
 - ii. Jan 2017
 - iii. Other available data?
 - iv. 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.

AGENDA ITEM 5A

February ??, 2018

Ada County Zoning & Planning Commissioners
[insert address] City of Boise Planning and Development Services
Boise City Hall, 2nd Floor
150 N Capital Blvd
PO Box 500
Boise, ID 83701

Attention: Mr. Hal Simmons, Planning Director

Subject: Highlands Neighborhood Association – Traffic Committee / Highlands Cove Mitigation Funds

Dear Mr. Simmons~~Commissioners~~:

The Highlands Neighborhood Association (HNA) recently formed a Traffic Committee to make recommendations resolving various traffic issues in our neighborhood. The HNA requests further information from City of Boise Planning and Development Services ~~Ada County Planning & Zoning~~ regarding \$100,000 held by the City as part of your approval of the Highlands Cove, LLC Traffic Study and Mitigation Plan.

Please provide our Traffic Committee an update as to ~~advise this committee of~~ the status of these funds (details on expenditures to-date), and any pending plans for expenditure of these funds. The Traffic Committee requests to be notified prior to the expenditure of any future funds, and would like to work with the City to ensure we fully consider and communicate about planned work associated with these funds that were intended to mitigate the impact of traffic within the existing neighborhood as a result of the Highlands Cove development.

Please send the requested information to the HNA Traffic Committee Chairman, Tom Seacord (tfseacord@yahoo.com, M: 208.860.6437).

HIGHLANDS NEIGHBORHOOD ASSOCIATION

[Name]

[Title], Highlands Neighborhood Association Executive Committee

CC: Bruce Wong, ACHD Director