



Wards 4 & 7 Meeting
Wednesday, May 24, 2017 6:45-9pm
The Miller Center, 130 Gosse Court, Burlington

6:45-7pm - Snacks & Socializing

7:00-7:05 - Ground rules & Introductions

7:05-7:15 - Open Forum

7:15-7:30 - BPD Community Conversation - Lt. John Young

7:30-8:00 - DPW Capital Plan and North Ave Pilot - Chapin Spencer

8:00-8:30 - Updates Elected Officials - City Council - State Reps - School Board

8:30-9:00 - Ward 7 City Council Special Election Forum

Ward 4 Steering Committee

Matt Cropp, Green Acres Dr 338-1002
Eric Corbman, Northshore Dr 399-2602
Jim Holway, Loaldo Dr 865-44711238
Jeff Clark, Cumberland Rd. 734-0993

Ward 7 Steering Committee

Liam Griffin, Billings Ct (347) 647-0371
Martha Molpus, Heineberg Rd 652-0323
Linda Deliduka, Village Grn 864-5114
Chris Trombly, Sandy Ln 238-1158

GROUND RULES

Listen to others speaking | Respect the agenda and process
Share your opinion politely | Treat people respectfully

For more information about Wards 4 and 7 NPA visit their CEDO webpage
<https://www.burlingtonvt.gov/CEDO/Neighborhood-Services/NPAs/Wards-4-and-7-NPA>



Watch the meeting live at <https://www.facebook.com/NorthEndNPA/>



Neighborhood Planning Assembly Attendees

NPA (choose one)	☐	Wards 1 & 8	☐	Wards 2 & 3	☒	Wards 4 & 7	☒	Ward 5	☐	Ward 6
---------------------	-----------------------	----------------	-----------------------	----------------	----------------------------------	----------------	----------------------------------	-----------	-----------------------	-----------

Date of Assembly : 5 / 24 / 17 Location: Miller Ctr

Please return to your convenor, Phet Keomanyarnh
or email to cedofd@burlingtonvt.gov

- | | |
|---------------------------|----------------------------|
| 1 Chris Trombly ward 7 | 21 <u>Jeff Dison</u> |
| 2 Billy Nocotny ward 4 | 22 Ireland, Peter & Doreen |
| 3 Kathy Farham ward 4 | 23 Doug Facey |
| 4 LIAM GRIFFIN WARD 7 | 24 Susan Fin |
| 5 ALEX FARRELL WARD 4 | 25 Rachel Fin |
| 6 RJ Lalumiere 7 | 26 Ann Kiley |
| 7 Jim Helweg 4 | 27 Paul Bostrom |
| 8 Matt Cropp 4 | 28 Jeff HINDS |
| 9 Jeff Clark 4 | 29 KASTEN HINDS |
| 10 Nicole Losch - DEN | 30 Deb Bouton |
| 11 Nancy Strong 4 | 31 Anne Jackson |
| 12 Ali Diens 7 | 32 Sam Palmer |
| 13 Kate Knesi 4 | 33 Linda M. Agas |
| 14 Konrad Knesi 4 | 34 Kurt Wicks |
| 15 Amy Livingston 7 | 35 TIM PARSONS |
| 16 <u>Chris Spencer</u> | 36 <u>Car Ayres</u> |
| 17 <u>Paul Moreau</u> | 37 Dwight Balan |
| 18 Tom Morley | 38 Monika Ivancic |
| 19 <u>Paul Klem</u> | 39 Elkie Blaw |
| 20 Robert Bristow-Johnson | 40 Brian William 7 |
| | 41 Abby Kenney - 4 |
| | 42 <u>Joe McIntyre</u> |



**POLICE DEPARTMENT
CITY OF BURLINGTON**

Brandon del Pozo
Chief of Police

Phone (802) 658-2704
Fax (802) 865-7579
TTY/TDD (802) 658-2700

MEMORANDUM

To: Burlington City Council
Fr: Eric Fowler, Crime Analyst
Re: North Avenue Crash & Injury Data
May 9, 2017

Our department was asked to update an analysis of crash and injury data related to the North Avenue Pilot Project originally reviewed in October of 2016. This memorandum provides a summary of our work and findings.

Overview of Crash Data Compilation:

- Gathering the data to perform the following analyses was a multiple-step process.
 1. I extracted all car crash incidents from Valcour (the BPD's record management system) in the city of Burlington occurring within four study control periods, specifically the months of July through April during the years 2012/2013, 2013/2014, 2014/2015 and 2015/2016, and occurring within the experimental or intervention period, specifically the months of July 2016 through April 2017. The period 7/1/2016 to 4/30/2017 is the period infrastructural changes took effect on North Avenue pursuant to the Pilot Project. Comparing this period to the same months during the four previous control periods allows for a standardized, equitable evaluation. This made up the city-wide crash sample.
 2. From this sample, I extracted all crashes that occurred in North Avenue Area A (Washington St to Plattsburg Ave) using the street address connected to the incident.
 - a. I then manually vetted each incident file individually, examining the incident narrative as well as a scanned copy of the police report or ticket, to determine if the crash took place on a public area of the North Avenue Area A stretch or if it occurred in an adjacent parking lot or driveway. Incidents that occurred in these private areas were eliminated from the sample.
 - b. I also used this process to ascertain the type of crash that occurred and whether or not there were injuries.
 3. From this scrubbed sample I created a subset for North Avenue Area B (Route 127 to Shore Rd) using the street address connected to the incident.
 4. From here, I performed simple analyses on each sample to produce raw counts of crashes city-wide, on North Ave A, and on North Ave B as well as raw counts of crash types and crashes involving injuries for North Ave A and North Ave B.
 5. Below, I present analyses comparing these counts across years.



**POLICE DEPARTMENT
CITY OF BURLINGTON**

Summary of Crash Data:

Crashes and Types by Study Period (7/1-4/30)

	'12-'13	'13-'14	'14-'15	'15-'16	'16-'17	Change from Avg
Citywide	1481	1613	1499	1328	1486	0%
North Ave A	48	49	45	45	31	-34%
Type of Crash						
Animal	2	1	0	1	1	0%
Backing Into	2	1	3	0	2	+33%
Broadside	14	12	6	8	4	-60%
Head On	2	4	5	2	1	-69%
Pedestrian	0	1	2	2	1	-20%
Rear End	11	14	13	14	15	+15%
Roadside Obst	9	4	5	5	1	-83%
Sideswipe	8	9	10	10	5	-46%
Other/Unknown	0	3	1	3	1	-43%
North Ave B (subset of A)	29	28	26	26	19	-30%
Type of Crash						
Animal	1	1	0	0	1	+100%
Backing Into	2	1	0	0	1	+33%
Broadside	10	6	3	5	2	-67%
Head On	1	3	4	1	0	N/A
Pedestrian	0	1	2	1	0	N/A
Rear End	5	5	8	9	10	+48%
Roadside Obst	4	1	2	2	1	-56%
Sideswipe	6	7	6	8	4	-41%
Other/Unknown	0	3	1	0	0	N/A



**POLICE DEPARTMENT
CITY OF BURLINGTON**

Crashes Involving Injuries by Study Period (7/1 - 4/30)

	12-'13	'13-'14	'14-'15	'15-'16	'16-'17	Change from Avg
Citywide Total Crashes	1481	1613	1499	1328	1486	0%
Involving Injury	115	98	81	110	99	-2%
North Ave A Total Crashes	48	49	45	45	31	-34%
Involving Injury	9	9	6	16	6	-40
North Ave B (subset of A) Total Crashes	29	28	26	26	19	-30%
Involving Injury	6	6	4	11	2	-70%

Analysis:

- Crashes city-wide during the intervention period were equal to the control period average but down considerably in both North Ave segments (-34% and -30%).
- Injuries city-wide during the intervention period were down slightly (-2%) but were down considerably in both North Avenue segments (-40% and -70%) indicating that crashes during the intervention period in North Ave A and B were not only fewer in number, but also less severe.
- The only meaningful exception to the overall decrease in crashes was for rear-end collision crashes, which increased 15% and 48% in the North Ave A and B respectively and make up the most common category of crash in the entire sample.
- It is also important to note the change in crash volumes in the areas we determined to be private parking lots or driveways adjacent to North Avenue and on intersecting roads away from the intersection. If the Pilot Project were achieving its intended effect (i.e. reducing crashes in the intervention area of North Avenue), we would expect to see a reduction in the volume of crashes in the public areas inside the intervention stretch and in areas immediately adjacent to it but no such decrease in the parking lots, driveways and intersecting streets that are adjacent to North Avenue but not affected by its traffic patterns and flow. Observing a reduction in crashes in those areas adjacent to North Ave but not immediately on North Ave that mirrored the reduction in crashes on North Ave could imply that an exogenous factor is causing an overall reduction in crashes or the reporting of crashes in that area of the city (e.g. people less likely to report crashes in that area, police with slower response times to crashes in that area leading to cancelled calls, etc). This would indicate the relationship between the Pilot Project itself and the reduction in crashes on North Ave was spurious. A quick analysis reveals that crashes in private areas and areas adjacent



**POLICE DEPARTMENT
CITY OF BURLINGTON**

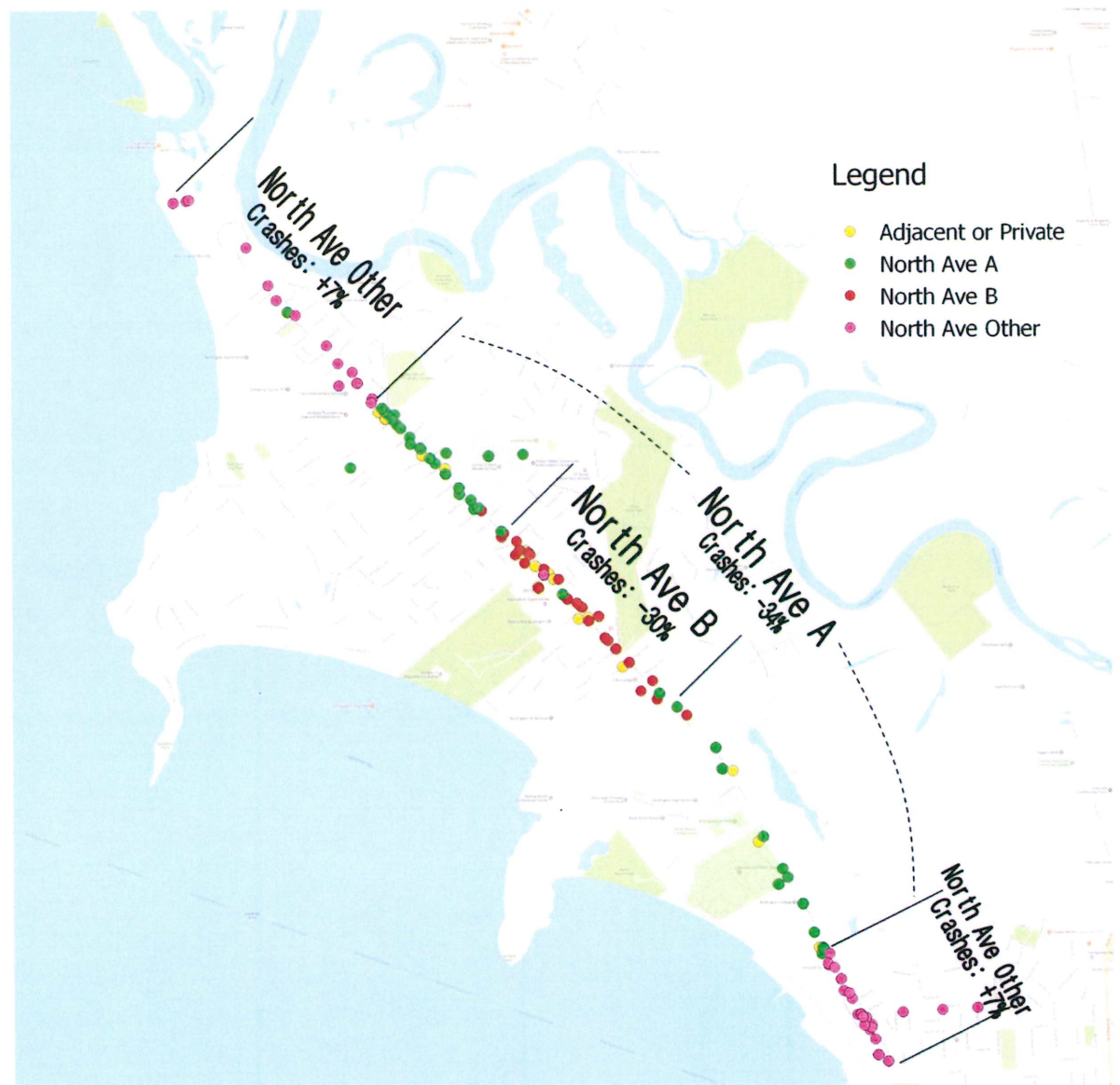
to, but not on, North Avenue did decrease in both the North Ave A and North Ave B sections (-6% and -10% respectively), however, those decreases are not nearly as pronounced as the decreases in the public areas of North Ave (-34% and -30% respectively), indicating a unique affect to the North Avenue corridor caused by the Pilot Project.

- Related, using the same rationale, we analyzed the change in crashes on North Avenue in sections not affected by the Pilot Project Intervention (i.e. the stretch north of Plattsburg Ave and the stretch south of Washington St). Without knowing which incidents occurred in private versus public areas of these stretches, it was clear that overall there was not a decrease in crashes that mirrored the decrease in North Ave sections A and B. In fact, in these areas of North Ave unaffected by the Pilot Project, there was a 7% increase in crashes.
- Because of the small sample size and short duration of the pilot project, it is not possible to conclude to a degree of statistical significance that the intervention itself is the cause, and the only cause, of the reductions in crashes in the intervention areas.
- Additionally, because of the very small sample size and the short duration, it is not possible to conclude the intervention had an effect on crashes involving injuries. However, it may be interesting to note that there were only 2 accidents where an injury was reported in the entirety of the intervention area during the Pilot Project.



POLICE DEPARTMENT
CITY OF BURLINGTON

Map Depicting Change in Volume of Crashes During the Pilot Project Intervention
Period on North Avenue by Road Segment



2017 Burlington DPW Capital Projects

This is a working document and will be updated throughout the season

Improvement	Street	Begin	End	A	Length	Notes
Water Main - Relining	Pine St	Lakeside Ave	Howard St		2120	1894 pipe
Water Main - Relining	Pine St	Lakeside Ave	Howard St		2120	1980 pipe
Water Main - Relining	Pine St	Maple St	Main St		802	
Water Main - Relining	South Cove Rd	All			3425	
Water Main - Relining	Austin Dr	Red Rocks	Home Ave		1400	
Water Main - Relining	Crescent Rd	All			2515	
Water Main - Relining	Dunder Rd	All			1325	
Water Main - Relining	St Paul	Main St	Maple St		750	Coordinated with Great Streets
Water Main - Replacement	Ethan Allen Parkway	Lopes	Sandy			
Water Main - Replacement	Ethan Allen Parkway	Sandy	Farrington			
Water Main - Replacement	Ethan Allen Parkway	Farrington	James			
Water Main - Replacement	Colchester Ave	Nash Pl	Barret			
Water Main - Replacement	Curtis Ave	All				
Water Main - Replacement	Latham Ct	All				
Water Main - Replacement	Ferguson Ave	Pine St	Shelburne St			
Water Main - Replacement	Maple St	Battery St	Pine St			
Paving - Mill and Fill	Manhattan Dr	Rose St	Park St		0.16	
Paving - Mill and Fill	East Ave	Colchester Ave	Main St		0.74	Spring construction
Paving - Mill and Fill	Beltline (Route 127)	New Pavement	Heineberg Br		2.86	
Paving - Mill and Fill	Beltline Ramp (Route 127)	Plattsburgh Ave	Route 127		0.27	
Paving - Mill and Fill	Lakeview Cemetery					
Paving - Mill and Fill	Lavalley Lane	Maple St	VRS gate			
Paving - Mill and Fill	Pine Street	Locust St	Howard St			NB lane only
Paving - Reclaim	Marble Ave	All			0.17	
Paving - Reclaim	King St	Battery St	Pine St		0.2	Coord. with water & traffic calming
Paving - Reclaim	Valade Pk	All			0.22	
Paving - Reclaim	Borestone Ln	All			0.15	
Paving - Reclaim	Rivers Edge Dr	All			0.22	
Paving - Reclaim	Hildred Terr	All			0.3	
Paving - Reclaim	Oakledge Park	Upper parking lot				
Paving - Reclaim	Lavalley Lane	VRS gate	VRS roundhouse			Paid by VT Rail Systems
Sidewalk - Reconstruction	Bradley	Hungerford Terr	S Union		502.7	N
Sidewalk - Reconstruction	Bright	Archibald	Riverside Av		523.1	E
Sidewalk - Reconstruction	Brook Dr	Van Patten Pkwy	56 Brook Dr		531.3	SE
Sidewalk - Reconstruction	College	St Paul	Pine		340.2	N
Sidewalk - Reconstruction	Crombie	Intervale Av	N Winooski Av		512.1	SW
Sidewalk - Reconstruction	Decatur	N Winooski Av	Intervale Av		566.5	NE
Sidewalk - Reconstruction	Elmwood Ave	North St	Spring		857.6	E
Sidewalk - Reconstruction	Fairmont Pl	North Av	end		934	S
Sidewalk - Reconstruction	Flynn Av	Across 207 Flynn Av	Across Oak Beach Dr		1418.9	N
Sidewalk - Reconstruction	Gosse Ct	Gosse Ct End	North Av		1740.7	SW
Sidewalk - Reconstruction	Greene	Loomis	Hickok Pl		570.8	W
Sidewalk - Reconstruction	Hillside Terr	Riverside Av	Riverside Av		1191.4	W
Sidewalk - Reconstruction	Hyde	Archibald	North St		1242.8	NW
Sidewalk - Reconstruction	Hyde	N Willard	Archibald		163.5	NW
Sidewalk - Reconstruction	Lakeview Terr	Canfield	98 Lakeview Terr		585	E
Sidewalk - Reconstruction	Manhattan Dr	Volz	Ward		330	S
Sidewalk - Reconstruction	Nash Pl	Nash Pl End	Colchester Av		531	W
Sidewalk - Reconstruction	North St	High Grove Ct	N Willard		590.8	N
Sidewalk - Reconstruction	North St	N Prospect	High Grove Ct		476.5	N
Sidewalk - Reconstruction	Pine	Flynn Av	Birchcliff Pkwy		1376.5	E
Sidewalk - Reconstruction	S Willard	Pearl	Buell		492.4	W
Sidewalk - Reconstruction	S Willard	Bayview	Howard		478.6	W
Sidewalk - Reconstruction	S Willard	Cliff	Bayview		283.4	W
Sidewalk - Reconstruction	Summit	Maple	Main		757.7	E
Sidewalk - Reconstruction	S Champlain	King	Maple		25	W
Sidewalk - Reconstruction	Chase	46 Chase	Colchester Av		465	NW
Sidewalk - Reconstruction	Colchester Av	Kampus Kitchen	East University Rd		149	S
Sidewalk - Reconstruction	Colchester Av	Across Barrett	Across Chase		465	W
Sidewalk - Reconstruction	N Willard	North St	Loomis		290	W
Sidewalk - Reconstruction	Isham	Loomis	Hickok Pl		60	W
Sidewalk - Reconstruction	Booth	Loomis	North St		60	E

2017 Burlington DPW Capital Projects

This is a working document and will be updated throughout the season

Sidewalk - Reconstruction	School	North St	Loomis	587.9	W
Sidewalk - Reconstruction	Germain	Archibald	Pomeroy	375.1	W
Sidewalk - Reconstruction	N Union	North St	N Winooski Av	521	E
Sidewalk - Reconstruction	N Winooski Av	N Union	Archibald	525.213	E
Sidewalk - Reconstruction	Luck	St Marys	Intervale Av	239.5	S
Sidewalk - Reconstruction	Billings Ct	Billings Ct End	Van Patten Pkwy	343.8	W
Sidewalk - Reconstruction	Elm Terr	Elm Terr End	25 Elm Terr	220.6	S
Sidewalk - Reconstruction	Elm Terr	31 Elm Terr	S Winooski Av	115.5	S
Sidewalk - Reconstruction	Gove Ct	Shelburne Rd	Gove Ct End	70	N
Sidewalk - Reconstruction	Harrington Terr	Maple	Jackson Ct	309.8	E, public mtgs, 2017 const. possible
Sidewalk - Reconstruction	King	S Winooski Av	Church	367.1	N
Sidewalk - Reconstruction	Kingsland Terr	Kingsland Terr End	S Union	467.1	N
Sidewalk - Reconstruction	Ledge Rd	Edgewood Ln	Iranistan Rd	85	N
Sidewalk - Reconstruction	Oakcrest Dr	Beachcrest Dr	Tallwood Ln	100	S
Sidewalk - Reconstruction	S Prospect	178 S Prospect	Main	60	E
Sidewalk - Reconstruction	S Union	Bayview	Cliff	281	E
Sidewalk - Reconstruction	S Union	Cliff	Spruce	364.9	E
Sidewalk - Reconstruction	S Williams	College	Main	422.7	W
Sidewalk - Reconstruction	Sandy Ln	Ethan Allen Pkwy	Roseade Pkwy	268.7	N
Sidewalk - Reconstruction	Spruce	S Union	S Willard	50	S
Sidewalk - Reconstruction	Tallwood Ln	Oakcrest Dr	Woodridge Dr	50	W
Sidewalk - Reconstruction	Woodbury Rd	Stanbury Rd	North Av	55	S
Stormwater	Gazo Street Outfall	Gazo Avenue			Reconstruction
Stormwater	Pease Parking Lot	Bottom of College Street			Pervious pavement
Stormwater	Route 127 Outfall Repair	Route 127 (Ramp 'J')			Reconstruction
SUMMARY:					

Asset Class	Recent Avg / Year	2017	% Increase
Water Mains	<1 mile	4.1 miles	310%
Sidewalks	1 mile	3 miles	200%
Paving	2.25 miles	5.6 miles	148%
Garages	\$1 million	\$3 million	200%

Interactive Capital Map Available May 15: www.burlingtonvt.gov/dpw

Ward 4 and 7 NPA meeting
Wednesday, May 24th 2017 6:45-9pm
The Miller Center, 130 Gosse Court Burlington
Draft minutes

Start 7:00pm

Steering Committee member present: Linda Deliduka-Ward 7, Matt Cropp-Ward 4, Liam Griffin-Ward 7, Chris Trombly-Ward 7, Jeff Clark-Ward 4

Open Forum

Go online to fill out North Ave. survey.

See Click Fix if see any issues. This will go to DPW, Police, Fire Department

Burlington Telecom will be on sale and looking at keeping this utility a co-op. See Matt Cropp who is on the committee to keep BT a co-op.

Warm weather has increase crime rates so lock doors and report any suspicious activity

Chapin Spenser-DPW Capital Plan and North Ave Pilot

Thanks for the voter's support in November for the bond investment. This will bring a lot of improvements. This year will go from 2 to 5.6 miles of pavement Will increase construction improvements from 1 to 3 mile of sidewalk, usually there is less than 1 mile of water main replacement they will be four miles of improvement. There is 110miles of water main line and 47% of the mainline is in need for improvement. See attached 2017 Capital investment list. There will be major repaving of belt line. Will do Ethan Allen water lines and remaining of Ethan Allen parkway next year. There are 130 miles of sidewalk in City and 7miles of streets that don't have sidewalks. Looking at what the greatest need of repair is needed. DPW will be continuing to update the work documents that will be on website.

Pilot Project, last fall 2016 did 1st first presentation in front of City Council to remove ballads and armadillos for winter. There was some pedestrian crossing failure close in 127 but since then has been fixed. There is current survey undergoing and put out a RFP. Received 4 RFP request back and went with Castleton surveying. On the RFP did put a bid to have survey sent out to all homes. All respondent of RFP felt they could not do a full home survey. For Spring survey City paying in full. Sent out survey on post cards to registered voters and on Facebook. So far 2100 responders and 1700 are North Ave. Will extend the survey out another week to June 4th. Safety data is a 10months worth of data. Crashes are lower 34% but has increased in rear end collisions 48%. Injuries down 40% to 70%. Police looked at all crashes and strip out those that have happened outside of the corridor. Will continue to look at traffic congestion due to increase construction to see if traffic calming measures need to happen or if road configuration needs to be tweaked. Secured a grant from Agency of Transportation to increase flashing crossing beacons. The design is currently in review. As part of the 1st survey executed there was outreach from CCRPC to take laptops to housing community to help residents take the survey. Will look at getting another post card out to the community. Once get survey and safety data will be at June 26th Council meeting and seek direction. The number of surveys questions were that same as first round due to wanting to compare. City Council can support or ask for more time. On dead animal collection, Fish and Wildlife deal with larger animals, police dogs and cats and contact families, and parks and rec on smaller animals such as squirrels.

Updates Elected Officials

Dave Hartnett-Encourage everyone to take the survey. Direct mail to every home doesn't ensure that all the surveys will be filled out. Castleton options of postcard, call in and online may increase the return yield. Have offered City Councilor funds to help pay for survey cost.

Tom Ayers-Also encourage for everyone to take the survey to help move the dialogue on. The post card to be better designed to grasp people's attention. Castleton has a national reputation to quality of statistical research across party lines.

Kurt Wright-Also urge people to fill out survey. It's important that the administration follow by what they said they will do and listen to the public. The post card has to jump out at people so people will want to take it. Hope that can do another post card mailing that will catch people's attention. Also, Castleton website crashed and this was frustrating for people. Just came from budget presentation and the City is in good fiscal shape and has a surplus. There was pilot money that used to go to the schools but not goes to the City. Am open to finding ways for the pilot to flow back to the City. Will need to work with Secretary of Education.

Legislative update report-Governor veto Marijuana bill. Teacher health care negotiations would move to the state level because of the affordable health care act. All other negotiations will stay on a local level. I

Ann Judson-School District, currently in negotiations, and next meeting is May 31st. There are a lot of good things that are happening in Burlington School District. In the high school there's a scholars' bowl that is going to DC and Hunt is having a musical.

Ward 7 City Council Special Election Forum

Vince -could not make it but would keep property taxes under control. Improve transportation, and collaborate on opiates epidemic.

Ally Blaze-Was on City Council when ward 7 became ward 7. Feeling frustrated that the City is not listening to the people. It's difficult for nursing home and elderly housing in terms of transportation. This is problem that could be worked on such as lowering rates. Need safer crossing signs near elderly housing. Housing is a major problem because elderly can't afford to live in their own homes. Feel safer with lane configuration but need more input and survey. There is so much that is happening in the City and people are not aware until it's done. This is the main reason why decided to run. Would like to bring some clothing department store and would like to see something that whole neighborhood can get involved. Would not support Burlington Town Center.

Ali Dieng- AliDieng.com. Since moved from West Africa have been working with Burlington School District to help families and children. There are younger families and they want to connect with elders. In terms of health, it's important for City to work with healthcare agencies and to have satellite facilities so elders don't need to drive. Need to bring services to the neighborhoods and be connected to the community. Many elders live on their own. Safety should come first for our children. The problem is not the change but the process. It's important for this neighborhood to know each other. It's important

for each one of us to raise their voices and be part of the process. North Ave. needs more events and opportunities such as Beach Bites. Need to decentralize services. Everything is down town and other neighborhoods have identity. For example, South End is an art district. If bring festivals down to N. Ave to spend here it will be good for the neighborhood. North End needs to have its own identity. Need to have City wide approach of what to accomplishment. Would support Burlington Town Center based on the need of green housing.

Chris-Lived in North end because of the great area that is assessable to school, beaches and parks. Concerned about property taxes and when hearing about priory of City away from quality of families questioned this. Would want to see a senior planning committee dedicated to seniors. There are younger families but there are still the issues of elderly people who are getting priced out of their homes. Major issue heard when knocking on doors was property taxes, 4 to 1 are in favor in keeping current lane configuration and also in favor too. Already have a great neighborhood and have a great community center. Would ask for a BTV plan in the North End to address parking. Economic Development is bringing more visitors such as beach bites. Already have great shopping Center. Not sure would want more commercial development because residential community. Would support Burlington Town Center but not happy with height.

End time: 9:05pm

Notes taken by Phet Keomanyvanh-CEDO