



Airport Commission

Airport Commission - Wednesday, September 6, 2023 at 4:00pm - Wednesday, September 6, 2023, 4:00 PM, Zoom/Wright Room at the Airport

PLEASE NOTE:

This meeting is will be held on zoom and in-person in the Wright Room at the Airport. Zoom Info:

Join from a PC, Mac, iPad, iPhone or Android device:

Please click this URL to join. [https://us02web.zoom.us/j/86253461005?](https://us02web.zoom.us/j/86253461005?pwd=U0lQem55VVRxb2RCUGs4aHVfb3VSdz09)

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Passcode: 472807

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1. Call to Order

Subject	1.1. Call to Order
Meeting	September 6, 2023 - Airport Commission - Wednesday, September 6, 2023 at 4:00pm - Wednesday, September 6, 2023, 4:00 PM, Zoom/Wright Room at the Airport
Category	1. Call to Order
Department	

Type

Subject	1.2. Acknowledgement of Remote Commissioners
Meeting	September 6, 2023 - Airport Commission - Wednesday, September 6, 2023 at 4:00pm - Wednesday, September 6, 2023, 4:00 PM, Zoom/Wright Room at the Airport
Category	1. Call to Order
Department	

Type

2. Agenda

Subject	2.1. Motion to amend/adopt agenda
Meeting	September 6, 2023 - Airport Commission - Wednesday, September 6, 2023 at 4:00pm - Wednesday, September 6, 2023, 4:00 PM, Zoom/Wright Room at the Airport
Category	2. Agenda
Department	
Type	
Recommended Action	

3. Public Forum

Subject	3.1. PUBLIC FORUM - Verbal Comments
Meeting	September 6, 2023 - Airport Commission - Wednesday, September 6, 2023 at 4:00pm - Wednesday, September 6, 2023, 4:00 PM, Zoom/Wright Room at the Airport
Category	3. Public Forum
Department	
Type	

4. Consent Agenda

Subject	4.1. Enplanements
Meeting	September 6, 2023 - Airport Commission - Wednesday, September 6, 2023 at 4:00pm - Wednesday, September 6, 2023, 4:00 PM, Zoom/Wright Room at the Airport
Category	4. Consent Agenda
Department	
Type	
Subject	4.2. Approval of Minutes
Meeting	September 6, 2023 - Airport Commission - Wednesday, September 6, 2023 at 4:00pm - Wednesday, September 6, 2023, 4:00 PM, Zoom/Wright Room at the Airport
Category	4. Consent Agenda
Department	
Type	

5. Action Items

Subject	5.1. GSA Lease Amendment No. 2 (N. Longo)
Meeting	September 6, 2023 - Airport Commission - Wednesday, September 6, 2023 at 4:00pm - Wednesday, September 6, 2023, 4:00 PM, Zoom/Wright Room at the Airport
Category	5. Action Items
Department	Burlington International Airport

Type Action

Recommended Action

Subject 5.2. Grant of Easement BTV-CWD

Meeting September 6, 2023 - Airport Commission - Wednesday, September 6, 2023 at 4:00pm - Wednesday, September 6, 2023, 4:00 PM, Zoom/Wright Room at the Airport

Category 5. Action Items

Department Burlington International Airport

Type

Recommended Action

Subject 5.3. BTV Vehicle Purchase

Meeting September 6, 2023 - Airport Commission - Wednesday, September 6, 2023 at 4:00pm - Wednesday, September 6, 2023, 4:00 PM, Zoom/Wright Room at the Airport

Category 5. Action Items

Department Burlington International Airport

Type

Recommended Action

6. Construction Update

Subject 6.1. Construction Update (L. Lackey)

Meeting September 6, 2023 - Airport Commission - Wednesday, September 6, 2023 at 4:00pm - Wednesday, September 6, 2023, 4:00 PM, Zoom/Wright Room at the Airport

Category 6. Construction Update

Department Burlington International Airport

Type Action

7. Community Connection

Subject 7.1. Noise Data (H. Dusablon)

Meeting September 6, 2023 - Airport Commission - Wednesday, September 6, 2023 at 4:00pm - Wednesday, September 6, 2023, 4:00 PM, Zoom/Wright Room at the Airport

Category 7. Community Connection

Department Burlington International Airport

Type

Subject 7.2. Residential Sound Insulation Program Updates (L. Lackey)

Meeting September 6, 2023 - Airport Commission - Wednesday, September 6, 2023 at 4:00pm - Wednesday, September 6, 2023, 4:00 PM, Zoom/Wright Room at the Airport

Category 7. Community Connection

Department Burlington International Airport

Type

8. Director's Report

Subject 8.1. Director's Report

Meeting September 6, 2023 - Airport Commission - Wednesday, September 6, 2023 at 4:00pm - Wednesday, September 6, 2023, 4:00 PM, Zoom/Wright Room at the Airport

Category 8. Director's Report

Department

Type

9. Commissioner Items

Subject 9.1. Noise Exposure Map and Compatability Program Updates (B. Oakleaf)

Meeting September 6, 2023 - Airport Commission - Wednesday, September 6, 2023 at 4:00pm - Wednesday, September 6, 2023, 4:00 PM, Zoom/Wright Room at the Airport

Category 9. Commissioner Items

Department Burlington International Airport

Type

10. Follow-up Items

Subject 10.1. Queue Permits for Taxi Drivers (N. Longo)

Meeting September 6, 2023 - Airport Commission - Wednesday, September 6, 2023 at 4:00pm - Wednesday, September 6, 2023, 4:00 PM, Zoom/Wright Room at the Airport

Category 10. Follow-up Items

Department Burlington International Airport

Type

11. Executive Session

Subject 11.1. Communication: Nic Longo, Negotiation of a lease agreement with the Burlington School District **expected executive Session**

Meeting September 6, 2023 - Airport Commission - Wednesday, September 6, 2023 at 4:00pm - Wednesday, September 6, 2023, 4:00 PM, Zoom/Wright Room at the Airport

Category 11. Executive Session

Department Burlington International Airport

Type Communication

Recommended Action

12. Adjournment

Subject 12.1. Motion to adjourn - Next meeting: October 4, 2023

Meeting	September 6, 2023 - Airport Commission - Wednesday, September 6, 2023 at 4:00pm - Wednesday, September 6, 2023, 4:00 PM, Zoom/Wright Room at the Airport
Category	12. Adjournment
Department	Council and Board
Type	
Recommended Action	

Burlington International Airport

Passenger and Operational Statistics

July 2023



**Data not Audited	<u>July 2023</u>	<u>July 2022</u>	<u>% Change</u>	<u>FY2023 YTD</u>	<u>FY2022 YTD</u>	<u>% Change</u>
Enplaned Passengers	64,807	58,546	10.69%	64,807	58,546	10.69%
Deplaned Passengers	64,673	61,482	5.19%	64,673	61,482	5.19%
		-				
Total Passengers	129,480	120,028	7.87%	129,480	120,028	7.87%
Departing Load Factor	93%	87%	6.51%	93%	87%	6.90%
Departing Seat Capacity (Actual)	69,941	67,615	3.44%	69,941	67,615	3.44%
Total Landed Weight	74,604,638	82,492,270	-9.56%	74,604,638	82,492,270	-9.56%

One Month Behind on Reporting:

	<u>June 2023</u>	<u>June 2022</u>		<u>FY2023 YTD</u>	<u>FY2022 YTD</u>	<u>% Change</u>
Air Carriers	9,698	1,581	513.4%	9,698	1,581	513.4%
Air Taxi	4,126	627	558.1%	4,126	627	558.1%
General Aviation	21,769	3,566	510.5%	21,769	3,566	510.5%
Military	1,998	237	743.0%	1,998	237	743.0%
Total BTV Operations	37,591	6,011	525.4%	37,591	6,011	525.4%

<https://aspm.faa.gov/opsnet/sys/Main.asp?force=atads>

*** Data from FAA Air Traffic Activity Data System

Air Carrier: Seating Capacity of more than 60 seats or a max payload capacity of more than 18,000 pounds

Air Taxi: Maximum seating capacity of 60 seats or a max payload capacity of less than 18,000 pounds

General Aviation: Takeoffs and Landings of all civil aircraft, except those classified as air carrier or air taxi

Military: All classes of military takeoffs and landings

Burlington International Airport

Passenger and Operational Statistics

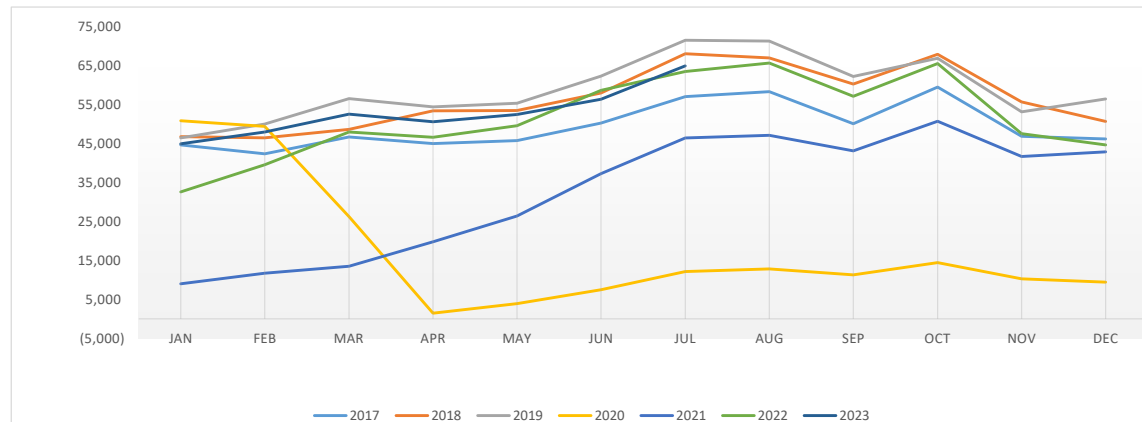
July 2023



BTV Enplaned Passengers

C Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total
2014	42,901	44,650	51,210	48,583	50,555	53,224	59,273	58,601	52,737	57,727	45,416	46,928	611,805
2015	43,916	43,589	49,215	47,184	45,872	49,944	55,684	57,629	51,089	58,296	46,470	45,153	594,041
2016	42,913	45,975	46,759	45,467	47,350	52,466	57,997	60,108	52,211	60,851	46,359	46,117	604,573
2017	44,537	42,279	46,600	44,871	45,683	50,187	56,956	58,215	49,995	59,378	46,781	46,076	591,558
2018	46,684	46,371	48,526	53,285	53,367	57,855	67,921	66,807	60,193	67,781	55,549	50,605	674,944
2019	46,356	49,867	56,400	54,340	55,209	62,180	71,381	71,200	62,116	66,795	53,007	56,314	705,165
2020	50,750	49,341	26,158	1,448	3,911	7,458	12,119	12,823	11,292	14,416	10,211	9,393	209,320
2021	8,979	11,696	13,491	19,765	26,325	37,229	46,346	47,059	43,072	50,621	41,572	42,786	388,941
2022	32,520	39,497	47,897	46,485	49,452	58,546	63,402	65,535	57,038	65,411	47,452	44,545	617,780
2023	44,848	47,864	52,484	50,521	52,337	56,241	64,807						

2013 YTD	46,256	91,322	140,927	187,731	235,789	289,828	347,855	409,180	463,667	522,026	568,993	616,006	
2014 YTD	42,901	87,551	138,761	187,344	237,899	291,123	350,396	408,997	461,734	519,461	564,877	611,805	
2015 YTD	43,916	87,505	136,720	183,904	229,776	279,720	335,404	393,033	444,122	502,418	548,888	594,041	
2016 YTD	42,913	88,888	135,647	181,114	228,464	280,930	338,927	399,035	451,246	512,097	558,456	604,573	
2017 YTD	44,537	86,816	133,416	178,287	223,970	274,157	331,113	389,328	439,323	498,701	545,482	591,558	
2018 YTD	46,684	93,055	141,581	194,866	248,233	306,088	374,009	440,816	501,009	568,790	624,339	674,926	
2019 YTD	46,356	96,223	152,623	206,963	262,172	324,352	395,733	466,933	529,049	595,844	648,851	705,165	
2020 YTD	50,750	100,091	126,244	127,692	131,603	196,410	155,014	167,837	179,129	193,545	203,754	213,147	
2021 YTD	8,979	20,675	34,383	53,197	79,522	116,751	163,097	210,156	253,228	303,849	345,421	388,207	
2022 YTD	32,520	72,017	119,914	166,399	215,851	274,397	337,799	403,334	460,372	525,783	573,235	617,780	
2023 YTD	44,848	92,712	145,196	195,717	248,054	304,295	369,102						



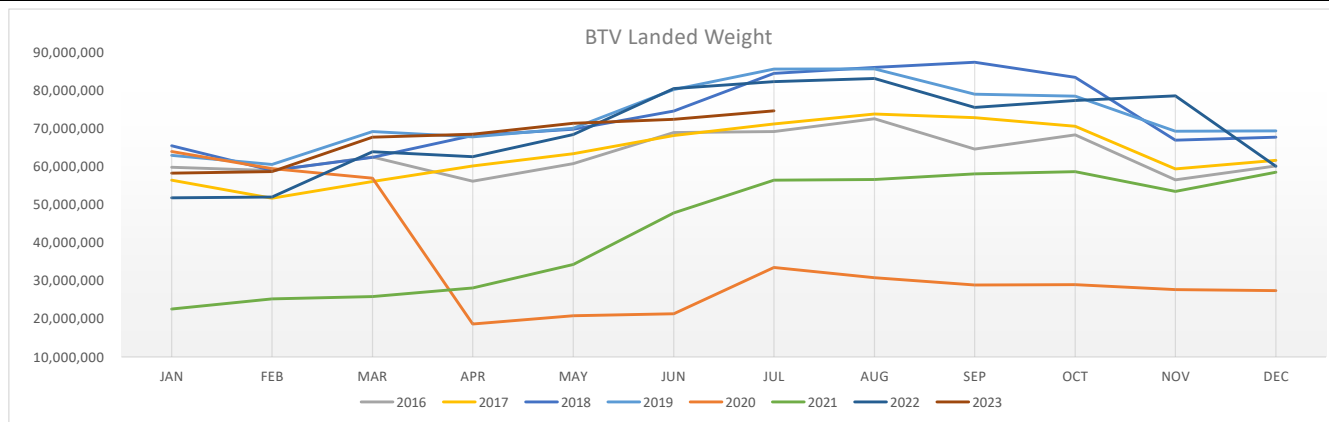
Airline	July 2023	July 2022	% Change	Jul '23 Share	FY2023 YTD	FY2022 YTD	% Change	FY23 YTD Share
United	23,890	19,507	22%	36.9%	23,890	19,507	22%	36.9%
American	20,011	19,158	4%	30.9%	20,011	19,158	4%	30.9%
Delta	14,783	17,482	-15%	22.8%	14,783	17,482	-15%	22.8%
Jetblue	4,629	4,659	-1%	7.1%	4,629	4,659	-1%	7.1%
Sun Country	1,494	1,453	3%	2.3%	1,494	1,453	3%	2.3%
Frontier		1,143		0.0%		1,143	-100%	0.0%
Boutique				0.0%			0%	0.0%
Subtotal	64,807	63,402	2.22%	100%	64,807	63,402	2.22%	100%

Burlington International Airport
Passenger and Operational Statistics
July 2023



BTV Landed Weight

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total
2014	54,953,876	54,793,326	61,338,283	59,783,921	64,096,128	64,682,726	70,702,546	70,844,351	66,186,099	64,626,169	56,324,271	57,747,440	746,079,136
2015	55,444,310	53,270,336	60,105,714	59,673,095	56,481,915	62,334,588	65,677,274	67,889,959	66,876,985	69,329,074	59,229,784	61,031,736	737,344,770
2016	59,752,887	58,922,944	62,472,419	56,126,273	60,761,349	68,943,708	69,153,418	72,522,917	64,540,095	68,253,802	56,486,325	60,158,144	758,094,281
2017	56,426,320	51,662,077	56,077,562	60,141,364	63,312,335	68,090,109	71,141,495	73,773,005	72,771,741	70,521,148	59,322,198	61,593,661	764,833,015
2018	65,452,631	58,959,242	62,372,896	68,140,374	69,761,510	74,588,089	84,417,186	85,964,940	87,356,781	83,419,070	66,905,333	67,676,141	875,014,193
2019	62,888,161	60,527,294	69,143,545	67,798,990	70,008,934	80,193,521	85,578,730	85,614,754	78,932,303	78,455,138	69,265,023	69,373,474	877,779,867
2020	63,919,646	59,439,846	56,886,928	18,638,302	20,815,237	21,334,949	33,444,122	30,833,466	28,872,043	28,949,589	27,704,187	27,405,711	418,244,026
2021	22,571,673	25,210,640	25,875,488	28,139,372	34,229,467	47,818,403	56,374,818	56,605,445	58,029,438	58,635,557	53,456,684	58,501,296	525,448,281
2022	51,765,857	51,968,763	63,901,776	62,586,962	68,389,168	80,455,912	82,294,270	83,096,590	75,518,662	77,329,039	78,564,638	60,012,252	835,883,889
2023	58,244,396	58,652,961	67,677,730	68,446,609	71,369,682	72,340,944	74,604,638						471,336,960



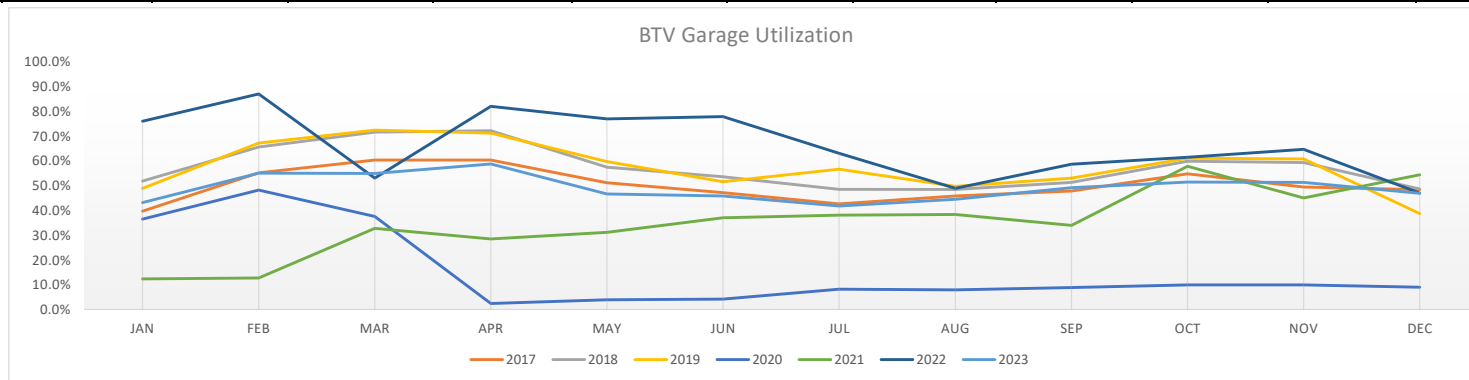
<u>Airline</u>	<u>July 2023</u>	<u>July 2022</u>	<u>% Change</u>	<u>July '23 Share</u>	<u>FY 2023 YTD</u>	<u>FY 2022 YTD</u>	<u>% Change</u>	<u>FY23 YTD Share</u>
American	21,698,940	23,900,878	-9%	27.62%	21,698,940	23,900,878	-9%	27.6%
United	26,392,400	23,753,600	11%	33.59%	26,392,400	23,753,600	11%	33.6%
Delta	15,974,100	21,753,600	-27%	20.33%	15,974,100	21,753,600	-27%	20.3%
JetBlue	5,186,198	6,014,000	0%	6.60%	5,186,198	6,014,000	-14%	6.6%
Frontier		1,175,942	0%	0.00%		1,175,942	-100%	0.0%
Boutique Air			0%	0.00%				0.0%
Sun Country	1,316,700	1,316,700	0%	1.68%	1,316,700	1,316,700	0%	5.0%
Federal Express	3,960,000	4,158,000	-5%	5.04%	3,960,000	4,158,000	-5%	5.3%
Wiggins	76,300	562,868	-86%	0.10%	76,300	562,868	-86%	0.1%
Legacy				0.00%				0.0%
Cargo Total	4,036,300	4,720,868	-15%	5%	4,036,300	4,720,868	-15%	5%
Airline Total	74,528,338	77,914,720	-4%	95%	74,528,338	76,598,020	-3%	95%
Cumulative Total	78,564,638	82,635,588	-4.93%	100.0%	78,564,638	81,318,888	-3.39%	100.0%

Burlington International Airport
 Passenger and Operational Statistics
July 2023



BTV Garage Utilization - Monthly Average

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVG
2009	72.5%	85.4%	88.8%	84.7%	74.5%	68.9%	77.2%	78.6%	70.5%	79.7%	70.9%	66.2%	76.5%
2010	70.5%	80.7%	84.9%	83.8%	68.4%			47.6%	48.4%	54.8%	23.1%	58.7%	62.1%
2011	76.0%	58.7%	52.4%	54.6%	52.6%	47.6%	45.9%	49.3%	48.1%	52.4%			53.8%
2012	49.9%	58.9%	72.4%	64.1%	59.4%	56.8%	59.0%	52.6%	57.6%		54.9%	48.6%	57.7%
2013	49.7%	52.2%	67.0%	58.8%	49.5%	48.8%	47.2%	48.3%	51.0%	55.2%	54.2%	45.3%	52.3%
2014	44.6%	55.2%	64.8%	62.9%	54.7%	47.2%	48.5%	49.2%	50.0%	54.0%	51.5%	45.8%	52.4%
2015	45.3%	58.1%	65.7%	61.2%	49.3%	46.4%	45.2%	42.1%	47.3%	53.2%	48.9%	40.0%	50.2%
2016	43.1%	55.0%	54.9%	58.7%	46.7%	45.8%	41.8%	44.5%	49.1%	51.4%	51.3%	46.9%	49.1%
2017	39.7%	55.2%	60.3%	60.3%	51.1%	47.2%	42.6%	45.8%	47.8%	54.8%	49.5%	48.4%	50.2%
2018	51.8%	65.6%	71.6%	72.2%	57.5%	53.5%	48.5%	48.4%	51.3%	59.9%	59.3%	48.6%	57.3%
2019	48.9%	67.2%	72.4%	71.2%	59.7%	51.6%	56.7%	49.7%	53.0%	61.0%	60.8%	38.7%	57.6%
2020	36.5%	48.2%	37.5%	2.4%	3.9%	4.2%	8.2%	7.9%	8.8%	9.9%	9.9%	9.0%	15.5%
2021	12.3%	12.7%	32.7%	28.4%	31.1%	37.0%	38.1%	38.3%	33.9%	57.8%	45.0%	54.4%	35.1%
2022	76.0%	87.0%	53.0%	82.0%	76.9%	77.9%	63.0%	48.9%	58.7%	61.4%	64.6%	47.0%	66.4%
2023	62.0%	63.0%	83.0%	85.0%	74.0%	65.0%	60.0%						70.3%



**BURLINGTON INTERNATIONAL AIRPORT
BOARD OF AIRPORT COMMISSIONERS
MINUTES OF MEETING
August 2, 2023**

DRAFT

[Hybrid meeting]

MEMBERS PRESENT: Tim George
Jeff Schulman
Greg Shepler
Bryn Oakleaf
Chip Mason

MEMBERS ABSENT: Helen Riehle
Robin Guillan

BTV STAFF PRESENT: Nic Longo, Director of Aviation
Larry Lackey, Director of Engineering & Environmental Compliance
Marie Friedman, Director of Finance
Hannah Dusablon, Executive Assistant
Kirk Patch, Airport Engineer
Jillian Waite, BTV

OTHERS PRESENT: Matt Collins, Heritage
James Leas, So. Burlington
Nick Clabber, Kaplan, Kirsch & Rockwell
Channel 17

1.0 CALL TO ORDER

Aviation Commission Chair, Tim George, called the meeting to order at 4:07 PM.

2.0 AGENDA

2.01 Approve/Adopt Agenda

MOTION by Greg Shepler, SECOND by Jeff Schulman, to accept the agenda as presented. VOTING: unanimous (4-0)[Chip Mason not present for vote]; motion carried.

3.0 PUBLIC FORUM

- James Leas, South Burlington, spoke of conflict of interest and the need for the members of the airport commission to recuse or retire for not putting safety as the priority of the airport. Mr. Leas also spoke of climate emergency which could be addressed by establishing single standards for all airport users for noise and fuel efficiency.

4.0 CONSENT AGENDA

4.01 Enplanements

4.02 Minutes: July 5, 2023

MOTION by Greg Shepler, SECOND by Jeff Schulman, to approve the consent agenda as presented.

DISCUSSION:

- **Staff reported the enplanement numbers are year-end numbers and show just over 630,000 outbound passengers from the airport.**

VOTING: unanimous (5-0); motion carried.

5.0 PRESENTATION: Federal Obligations for Aeronautical Access

5.01 Presentation by Nick Clabber, partner in the firm of Kaplan, Kirsch and Rockwell Attorney Nick Clabber, partner in the national law firm of Kaplan, Kirsch and Rockwell with extensive experience in airport related legal matters, discussed the City of Burlington's authority to restrict aeronautical activities at Burlington Airport. The following was highlighted:

- The city has no authority to adopt/enforce restrictions and could have FAA enforcement action, informal/formal complaints, and loss of federal grant funds if do so.
- Burlington Airport signed 39 FAA grant assurances that require the airport to be available for public use for all aeronautic activities including government aircraft. The airport cannot grant exclusive rights.
- Any restrictions must be approved by the FAA. Any prohibitions otherwise are considered discrimination.
- The FAA has jurisdiction over aircraft in flight, airspace, and aircraft fuel efficiency.
- Airline Deregulation Act (ADA) preempts local laws/regulations. Airlines will litigate regulations preempted by the ADA.
- Airport Noise and Capacity Act (ANCA) procedural requirements must be met for any airport access restrictions and no airport to date has been successful in doing this.
- Consequences for noncompliance with FAA rules include FAA enforcement action, loss of FAA grants, formal and informal complaints by users including airlines and industry users, civil penalties.

There was discussion of grant assurances (initiated in 1948; grant assurances are part of every FAA grant the airport has received to date), offering incentives or applying a tax to incentivize noise reduction or fuel efficiency (cannot put undue burden on interstate commerce; any additional fee/tax must be tied to the cost to the airport to provide service to the aircraft and users must have access to the airport under the same terms and conditions and no additional cost as other aircraft so an incentive is not viewed as an impediment), and environmental justice over-riding federal statute (there is nothing to suggest the FAA is looking at environmental impacts equivalent to aeronautical safety; any party filing a lawsuit must meet the thresholds to file a formal or informal complaint to the FAA).

City Council will hear the presentation by Nick Clabber on aeronautical access.

6.0 PRESENTATION: Next Project

6.01 Presentation by Jacobs Engineering

Representatives from Jacobs Engineering working on the north terminal project gave a presentation on the initial design of the project. The project includes the building addition on the north end of the terminal, removing the existing hold rooms for passengers, improving views and natural light in the building, improving safety and interaction with aircraft, sustainable and clean design of the space (Vermont maple wood beams, geothermal heat, natural lights, photovoltaics). Nic Longo noted preliminary project cost is between \$35 million and \$39 million. The project will provide the flexibility needed to accommodate the airlines and passengers and bring the airport to the next generation of airports. It is hoped to start construction on Next Project in the summer of 2024.

7.0 CONSTRUCTION UPDATE

Recently hired airport engineer, Kirk Patch, was introduced. In addition to the written report, Larry Lackey noted construction has started on Taxiway Alpha, milling is being done, trimming of topsoil is happening, the wedge was installed so the new jet bridge can be used, and stormwater treatment has been installed on the south apron.

8.0 FINANCIAL UPDATE

Marie Friedman reported:

- Revenues through the end of June are \$27 million including \$1.7 million in stimulus money.
- The airport has had a strong and healthy recovery.
- Expenses are \$16.4 million and include a full year of QTA operations and some bills for parking garage projects.
- Cash in the checking account as of 6/27/23 is \$6.3 million.
- PFCs are at 92% to date, but enplanements continue to trend upward.
- AIP Receivables include grants and reimbursements.
- The airport did borrow from the grant anticipation note.

A presentation on the FY2024 budget was given. The budget was approved by Burlington City Council in June 2023. The financial outlook of the airport is positive. All stimulus money will be expended by the prescribed date. The airport is planning significant capital projects.

Staff reviewed budget line items showing significant change including runway deicing, repairs & maintenance, insurance, indirect fees for shared services with the city, and airport security (contract with Burlington Police).

There was brief discussion about enplanements (Burlington Airport is consistent with the growth of other airports in the region) and achieving the 5% growth in parking garage revenue (additional flights are needed at the airport since the current number of flights serving the airport are full).

9.0 COMMUNITY CONNECTION

It was noted noise comments are shown on the noise exposure map and on btvsound.com. Staff gave an update on the Residential Sound Insulation Program. Sound improvements

for the 15 houses in the initial phase should be done this year. The grant for Phase 3 is anticipated so sound improvements for the next 52 houses can be done as well as design outreach for the next 50 homes. The process to update the Noise Exposure Map is moving forward. There was mention of expanding the membership of the technical and regional advisory committees for the Noise Exposure Map update.

10.0 AVIATION DIRECTOR'S REPORT

Aviation Director, Nic Longo, reported:

- The airport received an extremely clean report from the FAA on the annual Part 139 inspection. Kudos to staff for all their hard work.
- A public meeting will be held in September to discuss the Noise Exposure Map update and ideas for a rec path on the parcel across from the airport.
- Beta Technologies hopes to have a certificate of occupancy for its 150,000 s.f. facility by August 25, 2023 and a certificate of occupancy for the general aviation hangar on the valley west apron. The headquarters building is operational now.
- A contract is being drafted with Burlington Tech Center for a building to house their aviation technical program.
- New hires at the airport include an airport engineer (Kirk Patch), operations manager (Stacy Leveille), and airfield maintenance manager (Andrew Geppner). Hannah Dusablon was promoted to Executive Assistant to Airport Administration. Director of Innovation & Marketing has been hired and will start in mid-September. Staff continues to fill positions as outlined in the airport reorganization document.
- Staff is working on an acquisition plan for new vehicles at the airport (all will be electric vehicles).
- The airport is working with the state on how the airport can help with flood relief.

11.0 COMMISSIONER ITEMS

None.

12.0 FOLLOW UP ITEMS

12.01 Queue Permits for Taxi Drivers (Nic Longo) –Staff continues to work on the matter. Retain on agenda.

13.0 ADJOURNMENT

MOTION by Greg Shepler, SECOND by Jeff Schulman, to adjourn the meeting.

VOTING: unanimous (5-0); motion carried.

The meeting was adjourned at 6:25 PM.

Next meeting: September 6, 2023 at 4 PM.

RScty by tape: MERiordan



PATRICK LEAHY BURLINGTON INTERNATIONAL AIRPORT

TO: Burlington Airport Commission

FROM: Nic Longo, Director of Aviation

DATE: September 6, 2023

SUBJECT: Authorization to Execute Lease Amendment No. 2 to the General Services Administration (GSA) Lease

Request:

The Patrick Leahy Burlington International Airport ("Airport" or "BTV") seeks Board of Finance recommendation and City Council approval to execute a second amendment to its lease with the U.S. General Services Administration ("GSA").

Executive Summary:

Background:

The original Lease Amendment No. 2, brought before the Airport, Commission, Board of Finance and City Council in March 2023, was not signed, as the terms and the preferred location of the office space of that agreement have since changed and therefore an alternative amendment #2 to the lease..

In this updated Lease Amendment No. 2, the Transportation Security Administration ("TSA") will be moving offices from their current first-floor space in the Airport to an area located within the Consolidated Screening Checkpoint ("CSC"), adjacent to the new TSA screening area. Both BTV and the U.S General Services Administration (GSA) who manages real estate on behalf of TSA have agreed that the new office and breakroom space should be located within a different area as opposed to the former Airport Administration office location. This aligns with the airports goals of utilizing the upstairs corridor for passenger seating and growth. While the Airport and GSA design the new site locations, the GSA requested a change in square footage to their existing lease to address the temporary reduction in usable space. Upon completion and acceptance of the new designed space the Airport will then come back to the Airport Commission with either a new lease agreement or amendment #3, the format is still being determined by GSA.

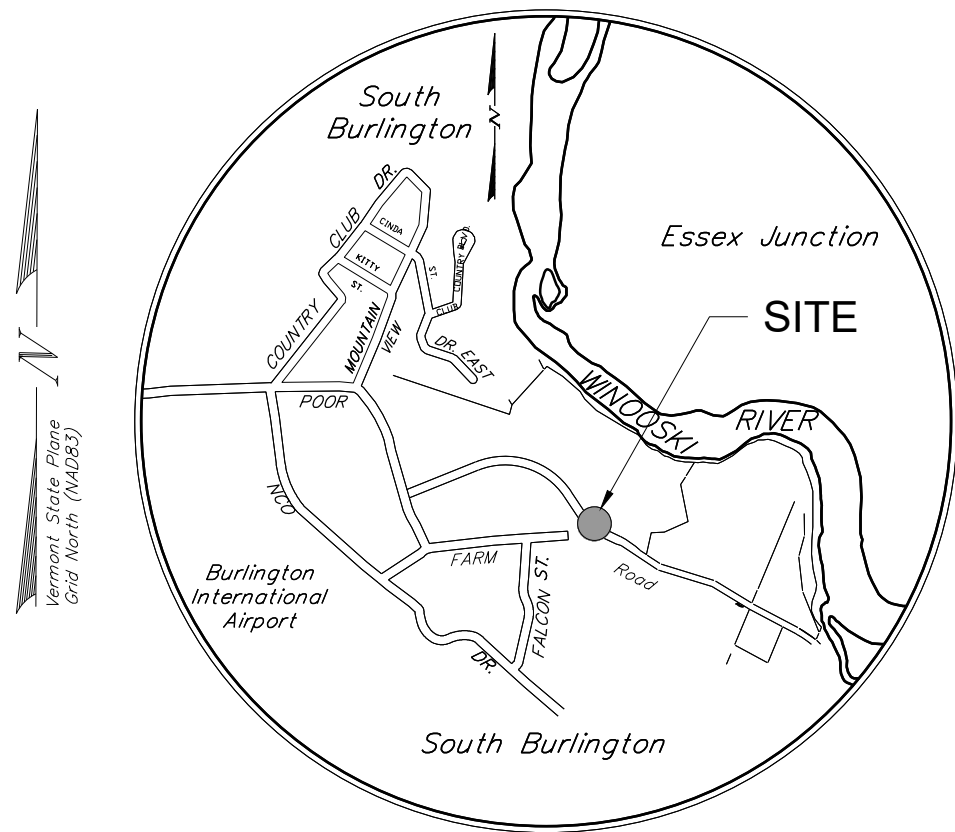
The area being reduced is temporarily changed from 2,871 rentable square feet to 2,181 rentable square feet, equating to a temporary reduction in rent during design/construction of the new space from \$159,109.82 to \$120,849.21. Upon completion of the new spaces, the Airport is expecting a total increase in rentable square footage and associated revenue, however this is still being finalized and designed.

Motions:

The Airport respectfully recommend and request the Airport Commission adopt the following motion:

1. "To approve and recommend to the City Council that the Mayor of Burlington, Miro Weinberger, be authorized to execute Amendment No. 2 to the Lease Agreement with the U.S. General Services Administration, subject to the final review and approval by the Office of the City Attorney."

Thank you for your continued support.



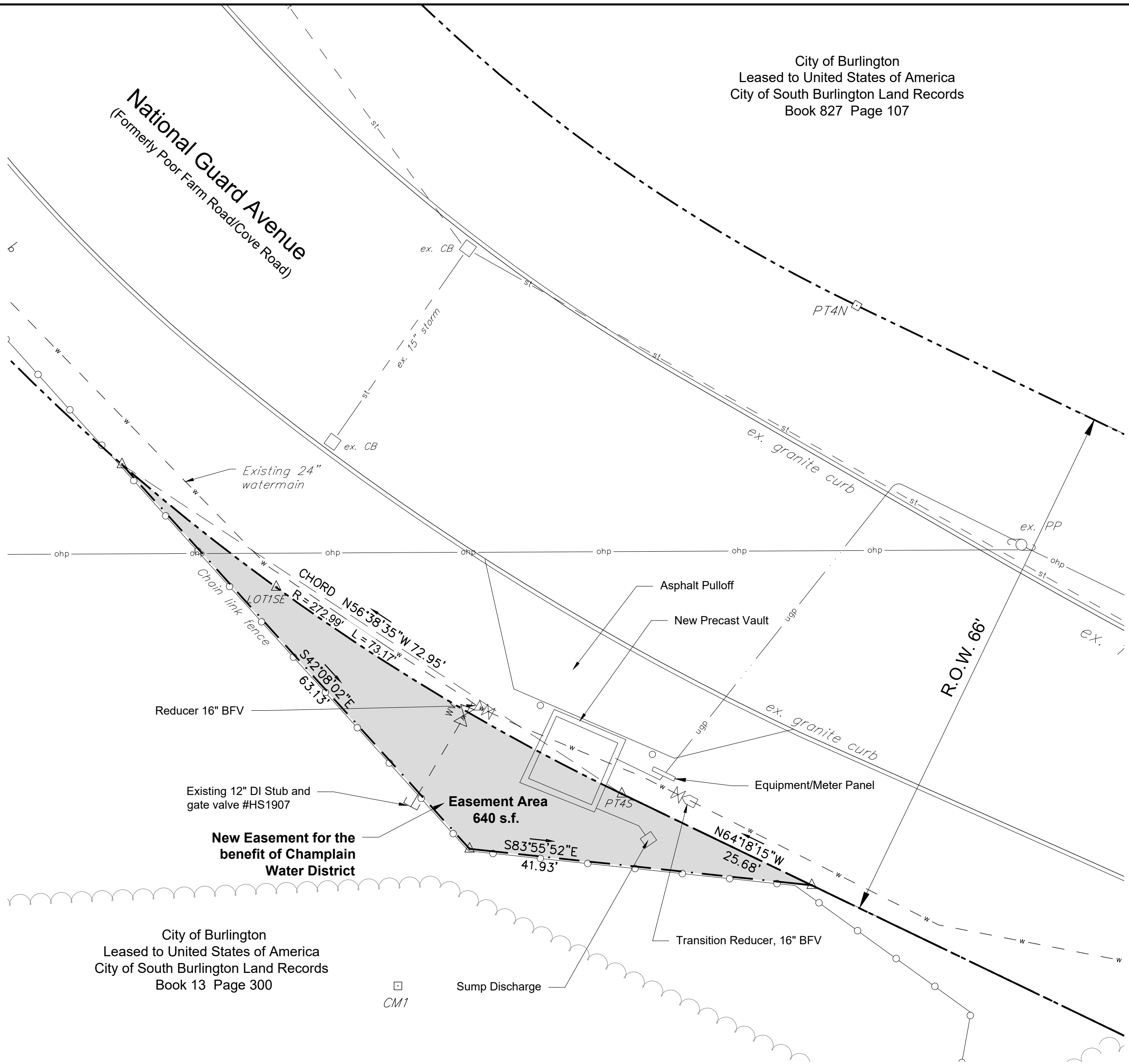
Location Map
Not to scale

EASEMENT PLAN NOTES

1. The descriptions controlling the locations of the boundaries of the land surveyed and the physical evidence located and existing on the ground were compared and analyzed to provide boundary locations that are most indicative of the original intent of the deeds and in harmony with existing monumentation. Where conflicts between physical evidence and written evidence are substantial, deeds and/or documents should be or will be executed to eliminate any color of title or conflict.
2. This plat of survey depicts boundary location of the lands over which easements shall be granted to the Champlain Water District, and also the limits, where known, of easements, licenses and/or other servitudes and rights that may encumber or benefit the surveyed future or existing Champlain Water District easement premises.
3. Monuments have been set in and on the ground where shown on the plat of survey where, in the opinion of the surveyor, it was necessary to perpetuate a corner not otherwise monumented. Monuments shown as "to be set" will be set at the title holder's direction.
4. Any boundary line location, based on deeds or documents recorded in the public records by which title or rights were conveyed to the existing or future easement grantors to the Champlain Water District or title or rights in lands of such land were otherwise delineated, is subject to accuracy and legality of those deeds or documents. Where those deeds or documents are improperly executed as a matter of law or contain errors or omissions in fact, or contain or are based upon erroneous conclusions of law, then the depicted boundary locations may not be valid.
5. The boundary line locations shown are also subject to accuracy and legality or lack of authority of any grantor or grantee who professed the right or ability to convey, receive or condemn property or rights in the surveyed property.
6. Any depiction on the plats of survey of boundary lines or other structures, exclusive of boundary lines for the existing or future Champlain Water District easements were located by tachometry. The location and depiction of boundary lines not in common with existing or future Champlain Water District easements are not warranted. All boundary lines depicted are subject to the accuracy and completeness of the public record.
7. This plat of survey is for the sole use of the Champlain Water District. Use by other property owners, private or municipal, is specifically unauthorized.

Legend

- Concrete Monument found
- Power Pole
- Calculated point
- Approximate Property Line
- Easement Limit (NEW)
- Overhead power
- Underground Power
- Chain link fence
- Existing waterline
- Permanent Easement Area
- Treeline

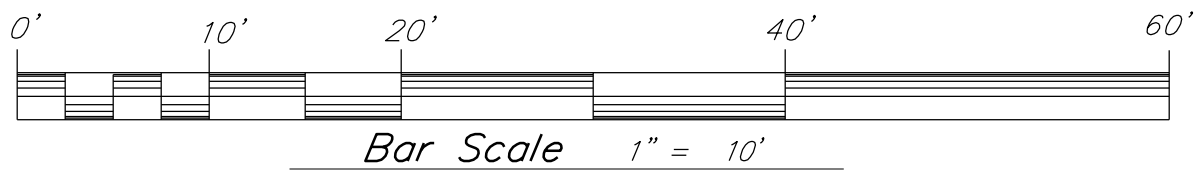


MAP REFERENCES

1. Plan entitled "Boundary Survey Land to be conveyed from Shelburne Shipyard, Incorporated (formerly The Griswold Corporation) to: Winooski Valley Park District" dated April 4, 2003, by Krebs & Lansing Consulting Engineers, Inc.

SURVEY NOTES

1. Project Horizontal Coordinates derived from GPS observation using reference frame NAD83 (2011) 2010.00 epoch. Project vertical datum based on NAVD 88 (Geoid 12A).
2. Parcel boundaries are based on the boundary survey identified in Map Reference #1.



CHAMPLAIN WATER DISTRICT

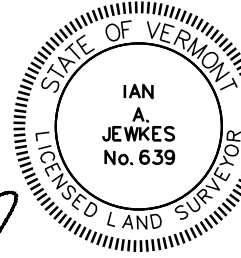
National Guard Avenue
South Burlington, Vermont

KREBS & LANSING
CONSULTING ENGINEERS
164 Main Street, Suite 201 P: (802) 878-0375
Colchester, Vermont 05446 www.krebsandlansing.com

Certification

This survey is based on physical evidence found in the field and information abstracted from deeds and other pertinent records and this survey is consistent with that evidence. This plat conforms to 27 V.S.A. section 1103.

IAN A. JEWKES
IAN A. Jewkes, L.L.S. #639



EASEMENT PLAN

For the Benefit of
Champlain Water
District
Across the Lands of
City of Burlington
currently leased by the
United States of
America

REV. NO.	REVISIONS/COMMENTS	DATE

DATE of Issue: 01/25/2022

Drawn by: JWN/DMR

Checked by: IAJ

Project No.: 19326

Scale: 1" = 10'

Drawing No.:

Rev No.:

EASE-1



PATRICK LEAHY BURLINGTON INTERNATIONAL AIRPORT

TO: City of Burlington, Airport Commission

FROM: Patrick Leahy Burlington International Airport
Nic Longo, Director of Aviation
Larry Lackey, Director of Planning, Engineering and Sustainability

DATE: September 6, 2023

SUBJECT: Request to Execute a Grant of Easement to Champlain Water District (CWD) for the Design, Installation and Service of a new Valve Vault on National Guard Road.

REQUEST

The Patrick Leahy Burlington International Airport ("Airport" or "BTV") seeks recommendation for the following:

1. To Execute a Grant of Easement with Champlain Water District (CWD) for the Design, Installation and Service of a new Valve Vault on National Guard Avenue

GRANT OF EASEMENT

Champlain Water District has requested a permanent, exclusive, transferable easement ("Valve Vault Easement") for construction, access, use, operation, repair, replacement and maintenance of a valve vault and associated electric and communication equipment, in an area of 640 square feet, more or less as shown on the incorporated survey, located adjacent National Guard Drive on the North East side of the Airport premises. This grant shall include the right for Champlain Water District to enter upon and cross other property owned or leased by the City of Burlington that is adjacent to the Easement Area at any time for the purposes of exercising any of the rights herein granted, including construction of the facilities to be installed in the Valve Vault Easement; provided, however, that said rights must be exercised in a reasonable manner, and any damage to the property of the City of Burlington caused by Champlain Water District shall be remediated by the Champlain Water District as reasonably practicable. Champlain Water District's

facilities shall remain Champlain Water District's property, their successors and assigns, and Champlain Water District shall pay all taxes assessed thereon.

USE OF EASEMENT:

Champlain Water District shall, at Champlain Water District's sole expense, keep the Easement Area in a clean, safe and attractive appearance, and otherwise in a manner fully compliant with local, state and federal government requirements of governmental authorities with applicable jurisdiction thereover.

This Valve Vault Easement is granted subject to and with the benefit of the following: (a) all rights of way, easements, conditions, obligations, restrictions, municipal, state and other regulatory permits as may appear of record in the City of South Burlington, and covenants of record, not meaning to reinstate any claims barred by operation of the Vermont Marketable Record Title Act, 27 V.S.A. §§ 601-611, both inclusive; and (b) the terms and conditions of any and all local and State permits.

MAINTENANCE/ADDITIONAL OBLIGATIONS OF CHAMPLAIN WATER DISTRICT:

- (i) The Champlain Water District shall be responsible for any and all repair, replacement and maintenance of the Easement Area as more fully set forth in this Agreement.
- (ii) The Champlain Water District shall conduct regular inspections of the Easement Area and schedule maintenance, repair, and replacement as needed.

SUGGESTED MOTION:

"To approve and recommend that the City Council authorize the Director of Aviation to execute a Grant of Easement to the Champlain Water District(CWD) for the Design, Construction and Service of a new Valve Vault on National Guard Avenue, subject to review by the City Attorney's Office."



BURLINGTON INTERNATIONAL AIRPORT

TO: City of Burlington, Board of Finance
City of Burlington, City Council

FROM: Nic Longo, Director of Aviation

DATE: 09/18/2023

SUBJECT: Airport Equipment purchase over \$50,000: Ford F-550 Chassis, Cab, and Body

Request:

The Patrick Leahy Burlington International Airport seeks approval for the purchase of a Ford F-550 in the amount of \$55,152.90.

Executive Summary:

Background:

The airport currently operates both 2011 and 2003 Tier 3 diesels. The current EPA emissions standard is tier 4. With this trade/purchase the airport will receive a new model vehicle meeting current emission regulations, thereby reducing emissions. Furthermore, the 2003 vehicle being traded in is programmed to be replaced by an electric vehicle. The truck to be purchased is a 2023 Ford F-550 cab and chassis, with a dump truck body. This truck will be used as a plow and de-ice unit in the winter and for general maintenance duties in the summer.

Sourcing:

Three quotes were obtained for this trade/purchase from Nucar Ford of St. Albans, G. Stone Motors, and McGee Ford of Montpelier.

Supplier	New Truck	Trade Credit	Airport Price
G. Stone	\$80,276.00	\$13,000.00	\$67,276.00
McGee	\$74,485.00	No Trade Credit	\$74,485.00
Nucar	\$78,152.90	\$23,000.00	\$55,152.90

Motions:

The Airport respectfully requests the following motions:

Board of Finance

1. "To approve and recommend that the Board of Finance approve and authorize a purchase from Nucar Ford of St. Albans for a 2023 Ford F550 in the amount of \$55,152.90."

City Council:

1. "To authorize a purchase from Nucar Ford of St. Albans for a truck and dump body in the amount of \$55,152.90."

Thank you for your continued support.

Airport Commission

Construction/Open Project Update Report

20230906 Open Projects

1. **Air Carrier Apron Rehabilitation, Phases 6A & 7 (\$10.5M)**. The purpose of this project is to improve the (RON) remain overnight positions for the commercial aircraft carriers. Construction is complete working on project closeout.
2. **Taxiway G Realignment – Phase 2 (\$19M)**. The purpose of this project was to complete a full parallel taxiway to the airport's main runway for safety reasons. Completed. Received closeout from the FAA with payment. Received amendment reimbursement. Project is complete.
3. **Airport Master Plan Update (\$1.5M)**. The purpose of the Mater Plan is to look at the needed improvements to the airport over the next 10 years. Completed. Final Payments and Closeout are taking place.
4. **Annual Parking Garage Maintenance (\$2.2M)**. The purpose of this maintenance is to ensure the longevity of the parking garage. We anticipated and were ready to start the replacement of the expansion joints and joint seal repair in the vicinity on the floors above the Tesla charging area. Due to the pandemic and travel restrictions, the maintenance project was postponed. This project is in the process of rebidding. We are also considering the rehabilitation of the stair wells, at this time, and the scope has been developed with signed agreement with consultant. We have met with our Engineer on the garage to reevaluate the current situation with needed garage repairs. We received bids for replacement of all lighting and the fire alarm systems in the parking garage totaling up to \$2.2M. MEI is the selected contractor. Construction has started on the lighting and fire alarm replacement in the southeast portion of the south end-parking garage. Anticipated completion is October 2024. Stair tower 1 was just totally refurbished, new roof, pressure was of walls, new paint and conduit leak repair.
5. **Terminal Integration Projects (TIP) (\$16M)**. The purpose of this project is to consolidate the TSA security checkpoint into one location for overall terminal efficiencies and a better passenger experience. The project is substantially complete. FAA closeout package moving forward.
6. **New Access Security System Upgrade (\$1.5)**. The purpose of this project was to update outdated access security equipment. Project is complete close out in progress.
7. **In-line Baggage Screening System Design (\$.75M)**. The purpose of this project is to update the baggage screening system from independent system to a more efficient streamlined in line baggage system. This project is substantially complete and moving to closure.
8. **Hot Spot Remediation/RW 1 PAPI Relocation (\$3.5)**. The purpose of this project was for aircraft airfield safety as identified needs by the Airport and FAA. This project addresses the development of the construction contract documents (plans and specifications) for the BTV hot spot mitigation. Final billing and close out is moving forward.

9. **NOAA/NWS Terminal Renovations (\$1.5M).** The purpose of this project was for improvements needed to meet the requirements of the recently signed long term lease of this leased terminal area. Project is substantially complete and moving to close out.
10. **Taxiway A Mill & Overlay (est. \$3.7M).** The purpose of this project is maintenance and the addition of safety measures to include new edge lighting and paved shoulders. The scope and proposal to have been received from the consultant (McFarland and Johnson Consulting, Inc.) A scoping session with the FAA was completed. The FAA Independent Fee Estimate (IFE) process has started. The permitting preparation process has started. The project consists of the rehabilitation of approximately 21,000 SY of existing Taxiway A pavement between Taxiway C and Taxiway G. Additionally, the project will include the construction of one 20-foot asphalt shoulder. The major project components include the mill and overlay of approximately 21,000 SY of existing taxiway pavement, the construction of approximately 4,000 SY of taxiway shoulder pavement, the installation of new taxiway edge lighting, airfield signage, and other ancillary items. Bids were received on April 20, 2022 and a grant application was prepared and submitted on April 29, 2022. Received grant moving to scheduling and contracts. We submitted an additional grant application for this project which includes the remainder of TW A and corresponding connection to TW C. Grant was received last week. This was initially removed from the previous year application do to limits on funding. Construction started on July 24, 2023. Construction is progressing and is on schedule and on budget.

Site and Pavement Work







11. **TW K Construction (\$1.5M).** The purpose of this project was for aircraft airfield safety as identified needs by the airport and FAA. Project closeout in progress.

12. **RW 1 PAPI Relocation Reimbursable Agreement (RA) (Part of the TW K project).** The purpose of this project was for aircraft airfield safety as identified needs by the airport and FAA. PAPI Relocation has been completed. Project closeout in progress.

13. **Gate 9 Passenger Boarding Bridge (PBB) (\$2.0M).** The purpose of this project is to provide a fully enclosed access for passengers to the commercial aircraft using the Terminal Gate 12 location on the Apron from the new TIP. Received scope and proposal from the consultant (Jacobs Engineering Group). The FAA scoping session was completed with the FAA. The Independent Fee Estimate (IFE) process is underway. This project is for the installation of a new PBB. The new PBB will be located at the south end of the Terminal Integration Project (TIP), which is currently under construction. The second floor of the TIP will serve as the Gate 9 hold room. The new PBB will eliminate the need for passengers to descend a stairwell, walk across the apron, and board aircraft via a stair truck. Accessibility for disabled passengers will be drastically improved as well. This project is being initiated now to identify the preferred rotunda location and PBB configuration while the TIP project can still accommodate changes. Bids were received on April 27, 2022 and a grant application was prepared and submitted on April 29, 2022. Grant received. Construction contract issued moving forward with construction. Construction and installation is nearing completion. Due to a request of one air carrier for a certain angle

an addition wedge piece was fabricated for connection to the building. **The new PBB to be operational and functioning well.**

14. South Apron and TW G Ext. Development (\$6.0). The purpose of this project is to provide much needed additional general aviation apron area on the airfield. Received scope and proposal from the consultant (Hoyle, Tanner and Associates) and have completed the FAA scoping session. The FAA IFE process is complete. The proposed project would extend Taxiway G approximately 100', construct a 19,000 SY general aviation apron in the area of the "quarry". Excess material from the site would be used to fill in the "gully" creating a level area along the Medium Intensity Approach Light System (MALSF) approach lighting plane replacing two light stations currently on towers with ground mounts and connecting the vehicle service road from the civilian to the military side of the airport. Scope for design and bidding has been completed with an IFE. Design is underway. There has been a delay in design do to the availability of the geotech contractor. Request for bids have been issued. The geotech report confirmed that a total fill of the gully is not economically feasible at this time. **Grant has been recieved.** Received Bids with the selected bidder being Engineers Construction, Inc. Grant Application has been submitted to the FAA. Completed questions from the FAA on the Application. We have completed permit process. Contractor started mobilization/construction on July 17, 2023. **Construction is moving for a good pace.**

Stormwater Construction





Apron Excavation for Subgrade Materials Placement



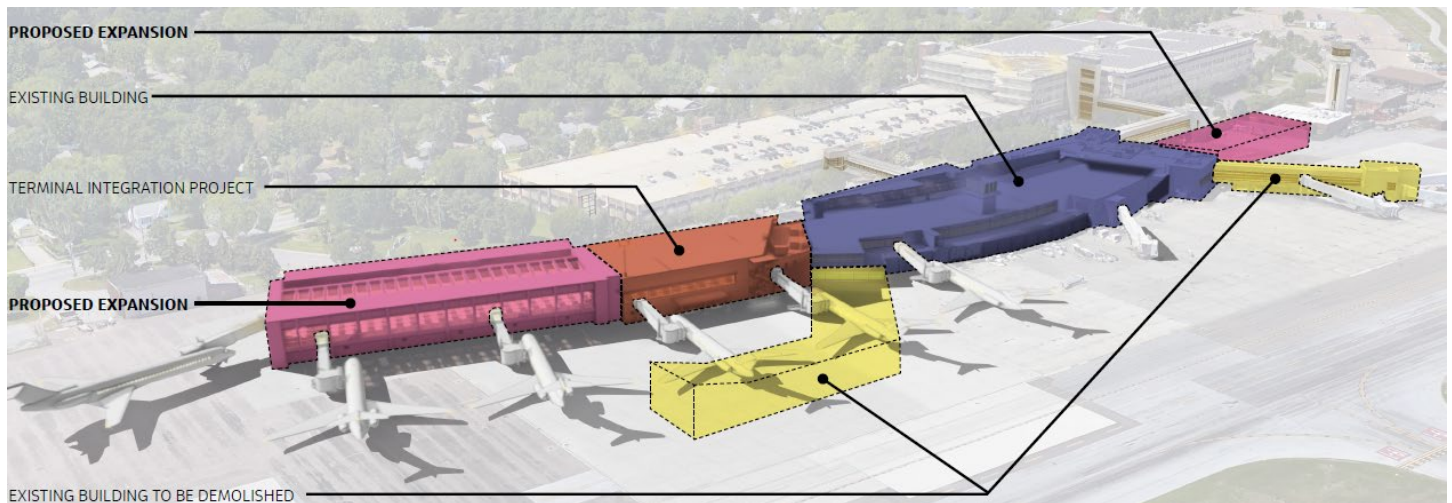
15. Environmental Assessment (est. \$.25M). The purpose of this project is to evaluate environmental impacts related to the mitigation of obstructions with in the aircraft approach surfaces to the runways. This is in follow up to the recently completed Master Plan, which includes obstruction identification and

environmental review. The scope and IFE process is complete and a grant application was prepared and submitted on April 29, 2022. Grant received. Contract issued with work progressing. Letters currently going out to property owners about the investigations required. Investigations are complete with the report in progress.

- 16. Glycol System Upgrade (est. \$3.5M).** The purpose of this project is to improve the glycol system (De-icing). The FAA has determined they will not fund at this time. We are regrouping on how to move this forward.
- 17. Noise Exposure Map (NEM) (est. \$.85M).** The purpose is to update the map is due to the full one year of F-35 operations at the airport. Prepare a 14 C.F.R Part 150 Noise Exposure Map (NEM) update for Burlington International Airport (BTV). The NEM Update will replace the NEM maps which were approved in 2019. This update is needed due to the change in Vermont Air National Guard based aircraft to the F-35A. The previous NEM Update indicated an update would be completed once the F-35A aircraft have been operational for one year. The scope and IFE process is complete and a grant application was prepared and submitted on April 29, 2022. Grant received. Working on scheduling and contracts. Contract issued to Consultant. Had kick off meeting. Coordination is ongoing.
- 18. South Terminal Replacement Project (\$35M).** The purpose of this project is for overall terminal efficiencies and a better passenger experience. Due to increased aircraft seating existing passenger hold areas are overcrowded during peak times as identified in the recent Master Plan Update. Recently the opportunity had risen through the Airport Terminal Improvement Program from the Bipartisan Infrastructure Law. We have submitted our request for full build out of this project, including: Demolition of the existing South Concourse; new Terminal improvements (approximately 45,000 SF of new gross floor area on 2 levels); five (5) new aircraft gates; four (4) new passenger boarding bridges(PBB), new passenger circulation and hold rooms; future concessions space; and apron construction within demolished South Concourse footprint. The South Terminal Replacement Project will be approximately 160' farther from Taxiway A as the existing South Concourse. We were not selected this past year and have reapplied for FFY23 design only. We did receive notice from the program that we will be awarded the a design only grant for this project. We have finalized discussions with the FAA to how best move this project forward in the future, as the timing to design this needs to be pushed back due to FAA scheduling requirement and having the funding to complete the construction of this project.
- 19. North Terminal Improvement Project (\$2.0M).** The purpose of this project is for overall terminal efficiencies and a better passenger experience due to the completion of the TIP the north terminal will be upgraded to provide more capacity for passengers and concessions. This includes the removal of the existing north TSA station along with the removal of the existing escalators. This project is under design and funding is anticipated from the recent approval of the Infrastructure Law. Received Bids with the selected bidder being Engelberth Construction, Inc. Preparing and submitting Grant Application. This will become a FFY23 Project. We have received the Grant from the FAA. Construction is nearing completion, and should be complete by **September 15th**. There was a delay related to the glass for the new restaurant area.
- 20. North Terminal Replacement Project and New PBB's (\$38M).** The purpose of this project is for overall terminal efficiencies and a better passenger experience. Due to increased aircraft seating existing passenger hold areas are overcrowded during peak times as identified in the recent Master Plan Update. Recently the opportunity had risen from Senator Leahy's office through Congressional Directed Spending. We have submitted our request for full build out of this project Phase III Terminal

Improvement Project, including: Demolition of the existing North Concourse; new Terminal Improvement (approximately 25,000 SF of new gross floor area on 2 levels); five (5) new aircraft gates; six (6) new passenger boarding bridges (PBB), new passenger circulation and hold rooms; future concessions space; and apron construction within demolished North Concourse footprint. Contract for 30% design has been issued to Jacobs Engineering Group. Geo-technical site work has been completed. Data collection and design currently on going. We submitted to the FAA for a Construction Manager at Risk (CMAR) RFQ/P construction development process. We received approval from the FAA on this procurement process. The RFQ/P for CMAR has been advertised with a pre-bid meeting and site visit by prospective contractors completed. **CMAR Proposals received reviewed and scored. Also, held interviews with the top 3 contractors. This has been scored and we can let you know the selected contractor at the AC meeting.**

Conceptual Renderings – North and South Terminal (concourse) Improvements



21. Cargo Apron Design Project (\$0.3M). The purpose of this project is to provide additional space for other potential cargo carry operations. Have submitted 7460-1 (Air Space Review) to FAA for this project. The scoping of the he project, design only has been completed with the FAA. The IFE process for completion before a FAA Grant Application in April has been completed. Grant Application was submitted on April 3, 2023. **Grant has been issued, moving to finalize contract.**

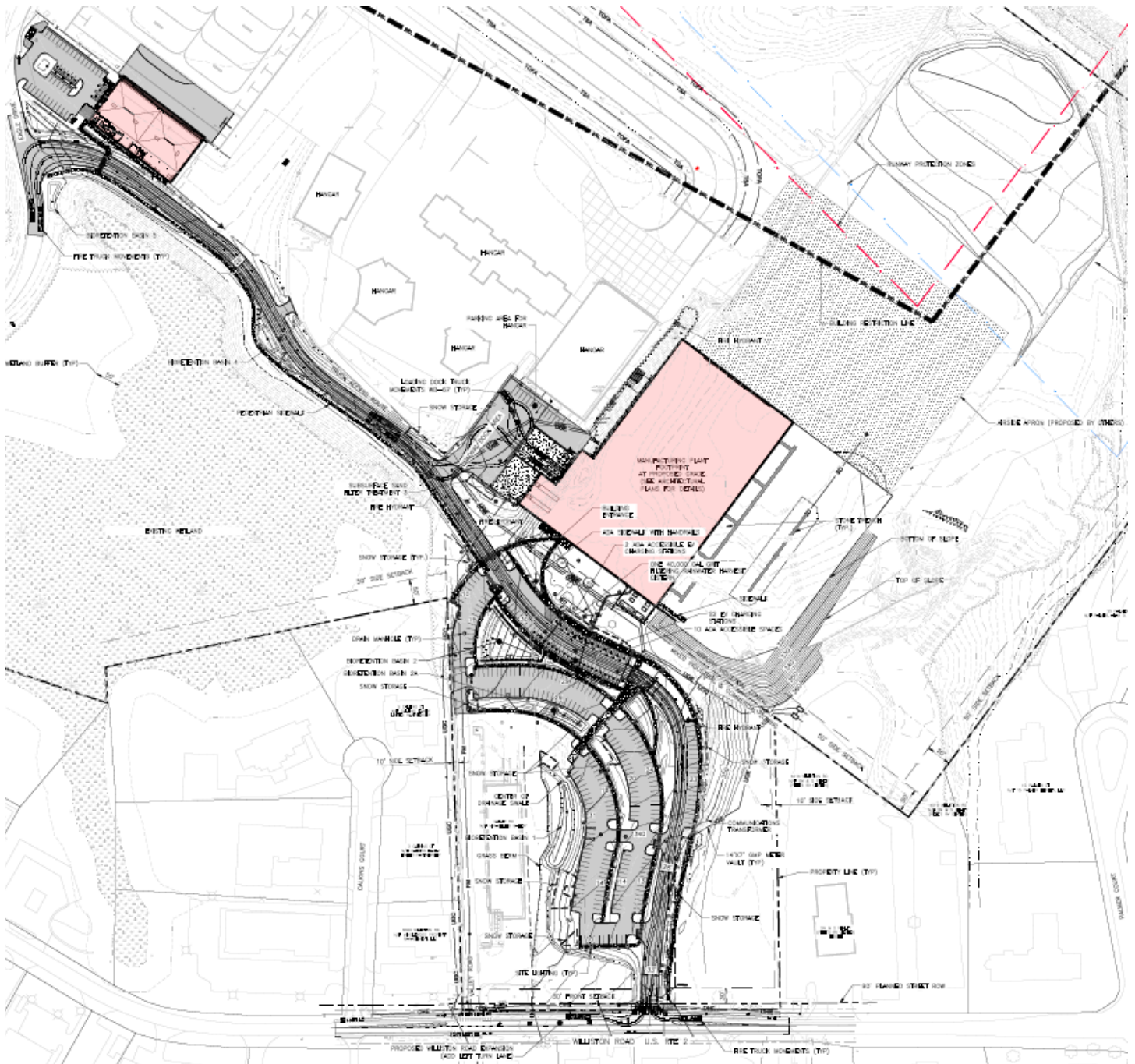
22. SRE Building Design (\$1.2M). The purpose of this project is to replace the existing out dated facilities, which does not meet the storage needs of the required equipment to maintain the airfield. A contract for study is being completed with programing and scoping moving forward. The scoping session with the

FAA has been completed. The final scope is complete with the IFE process was completed. The Grant Application was submitted to the FAA. **Grant has been issued moving to finalize contract.**

- 23. Burlington Tech Center (BTC) (\$10M).** The purpose of this project is to support the design efforts for an improved facility at the airport for the regional educational needs. The Burlington School district has been given an award for \$10M in which they are in the process of applying for. We continue to work with the school on this project.
- 24. RW 15 – 33 Improvements – Mill and Overlay (15M).** The purpose of this project is to improve the pavement condition of the airport’s main runway. Scoping meeting with FAA completed. Contract for design is moving to BOF/CC next week for review. **Received CC approval moving to finalize contract.**
- 25. Airfield Pavement Plan Update (\$.25M).** The purpose of this project is to update the outdated pavement condition report done in 2017. All surfaces will be evaluated so we can plan on future improvement for the safety of the aircraft users. Scoping has been completed with the FAA. We have completed the IFE. A Grant Application was submitted on April 3, 2023. **Investigations have started, and the grant has been issued. Moving to finalize contract.**
- 26. Noise Use Re-Use Plan update (\$.25M).** The purpose of this project is to update the latest Plan. All properties acquired since the last plan update will be evaluated. Scoping is anticipated over the next week with the FAA. This project has been minimized in coordination with the FAA and a grant will not be required to meet their update request.
- 27. FAA CIP for next 5 years.** Meeting scheduled with the FAA Airports Division on September 14th. The focus will be on next years proposed projects (FFY24), with the balance of the meeting for discussion on the needed funds for our identified projects for the additional 4 years and beyond.

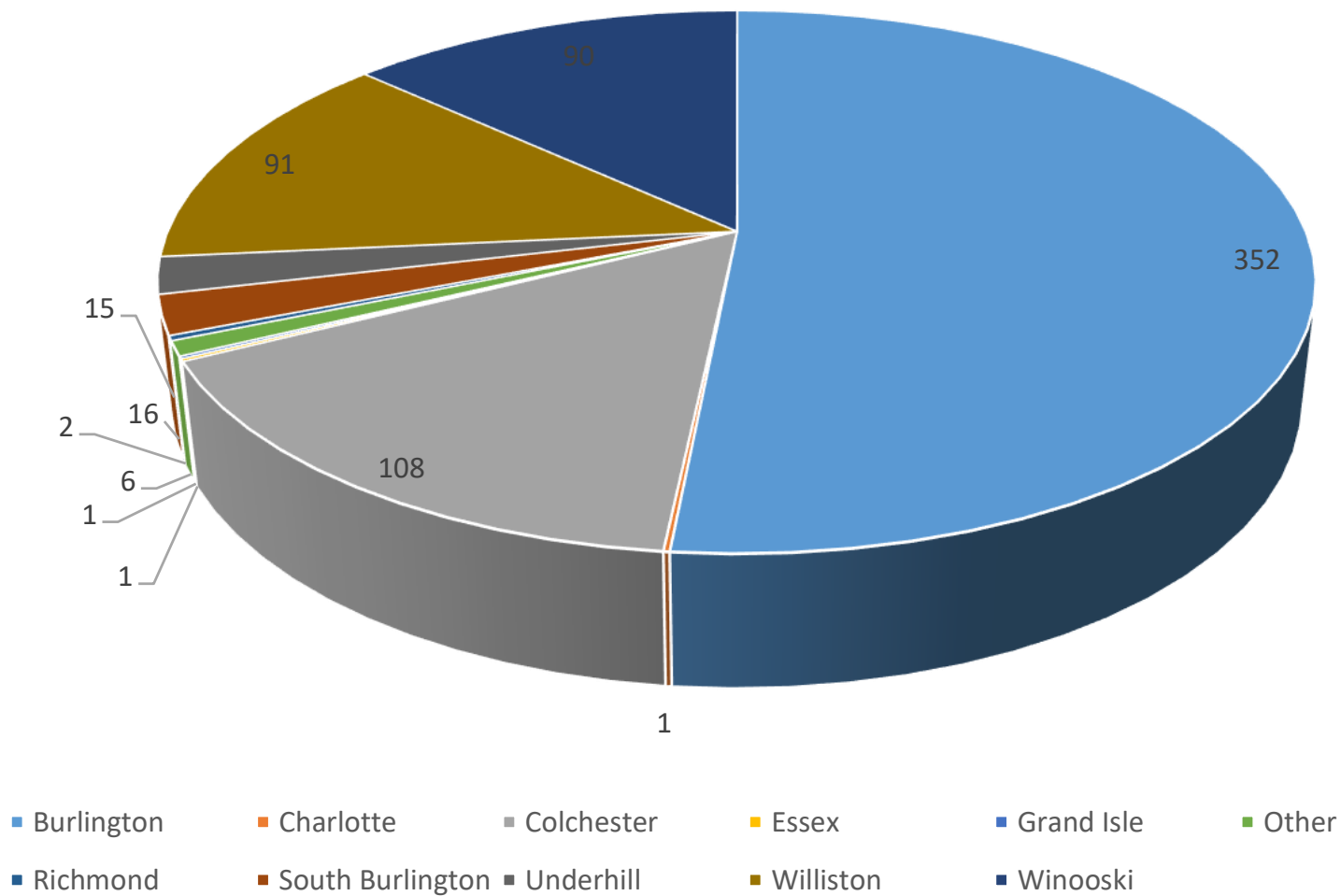
28. BETA – Development

Communication and coordination with Beta on the first phase of the Electric Aircraft Assemble Facility and Valley West Hangar for all aspects of permitting, environmental, engineering, utilities and attendance at public hearing and construction meetings.



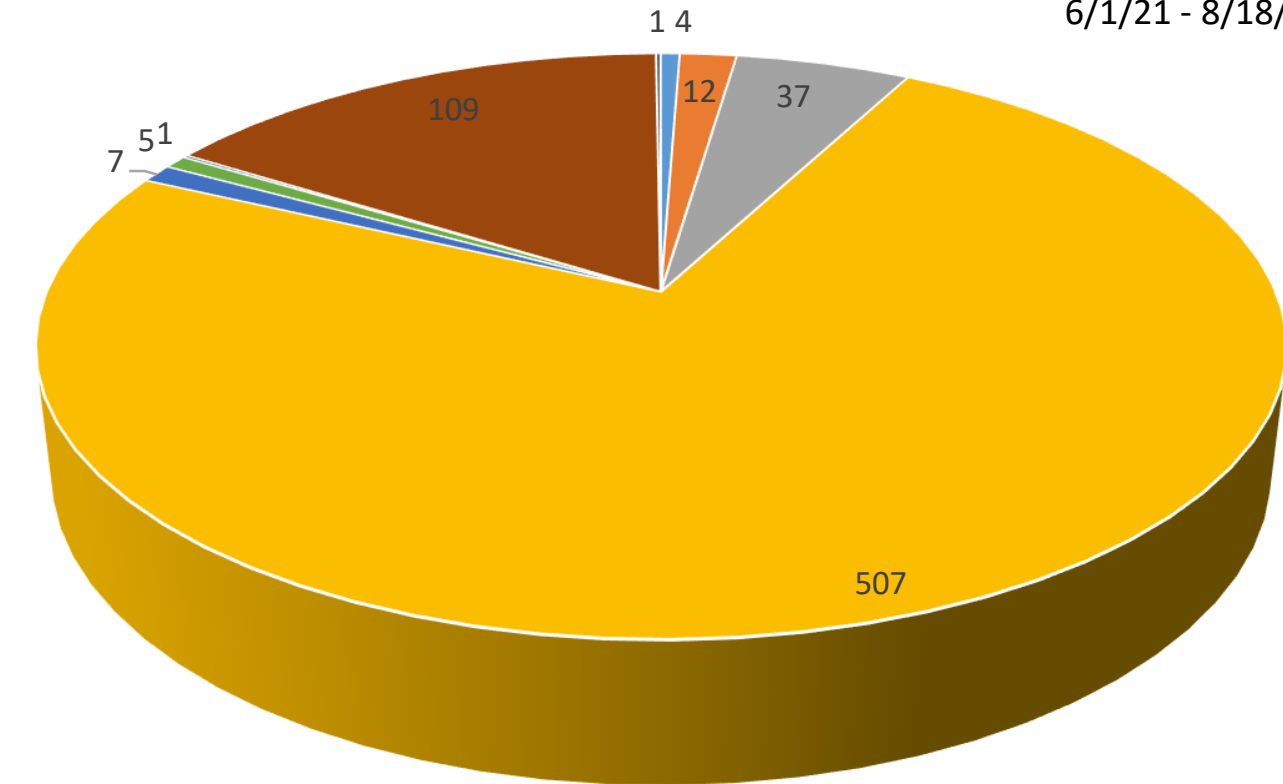
Comments By Town

683 Total Comments
June 1, 2021- August 18, 2023



Comments By Aircraft

683 Total Comments
6/1/21 - 8/18/23



■ Gen. Aviation (light)

■ Helicopter

■ Jet

■ Military

■ Multiple

■ Propeller

■ Turboprop

■ Unknown

■ Zeppelin/Blimp

LEGEND

Noise Complaint
By Address (# Received)

- 1 - 2
- 2 - 5
- 5 - 10
- 10 - 100
- 100 - 350

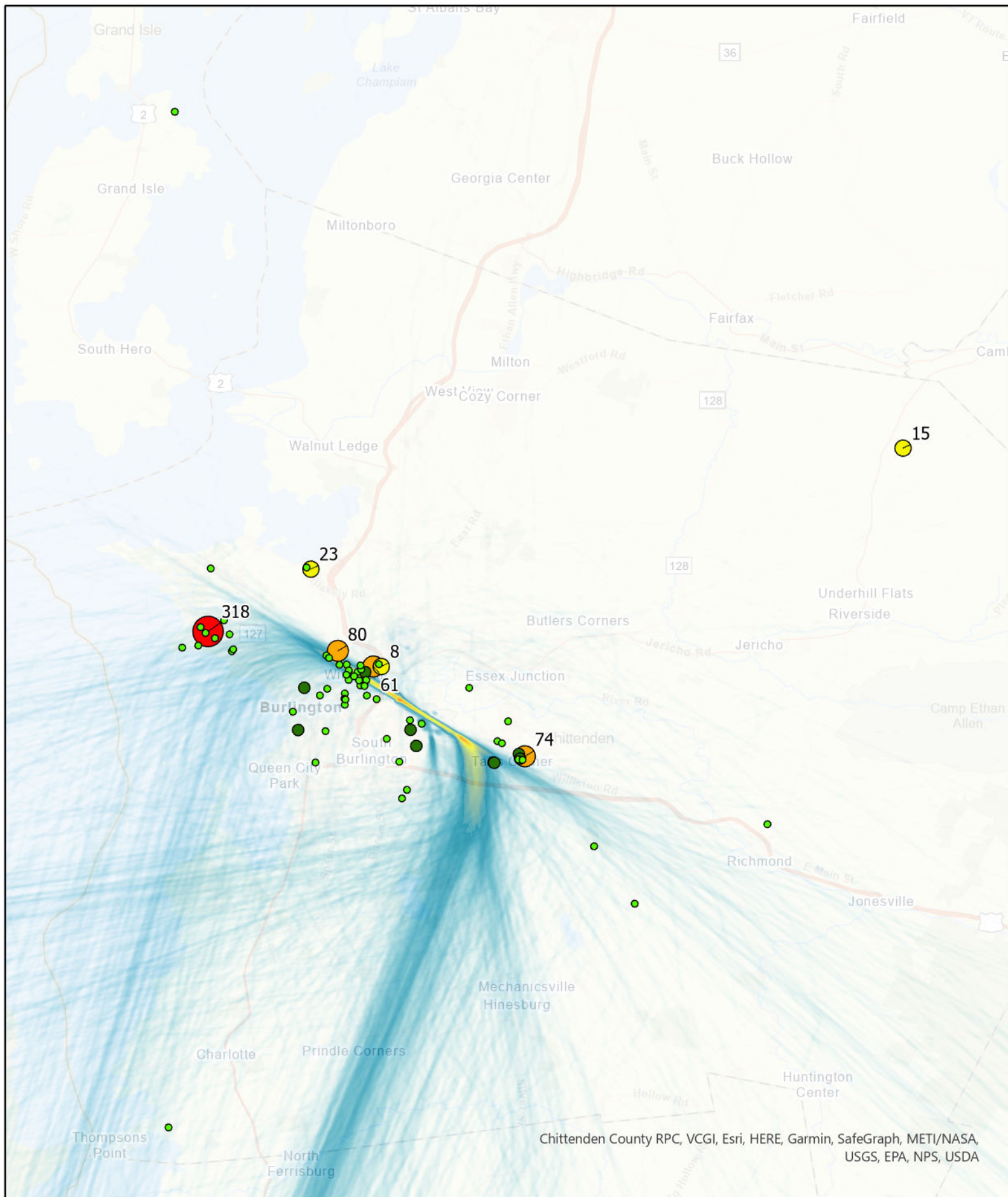
NEM 2023 Contours

- 65
- 70
- 75



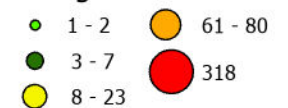
**Burlington International Airport
Noise Complaints
August 2023**



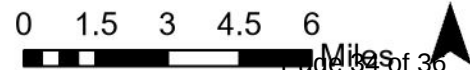
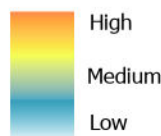


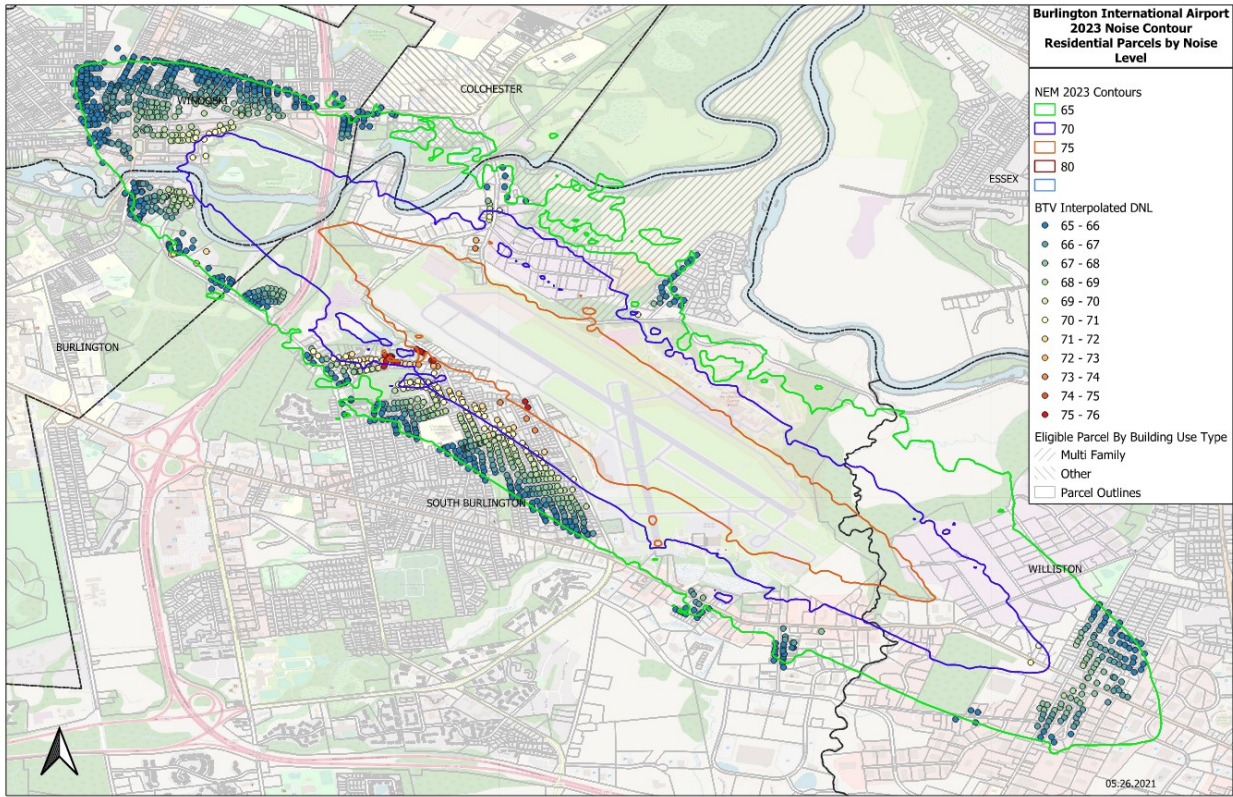
Airport Noise Complaints - KBTV 8/18/2023

of Complaints from a Single Address



Radar Track Density





BTV NEM Update 2024 & 2029
as of August 23, 2022

ID	Task Name	Duration	Start	Finish	Jul	Aug	Sep	Oct	Nov	Dec	2024	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
1	BTV NEM Update Draft Project Schedule	275 days	Mon 7/17/23	Fri 8/2/24															
2	Project Organization	35 days	Mon 7/17/23	Fri 9/1/23															
3	Development of TAC	35 days	Mon 7/17/23	Fri 9/1/23															
4	Kick-Off Meeting w/ BTV Staff	1 day	Thu 7/27/23	Thu 7/27/23															
5	TAC Meeting #1 (Intro to Part 150)	1 day	Thu 10/12/23	Thu 10/12/23															
6	Forecast and Noise Modeling Inputs	70 days	Fri 7/28/23	Thu 11/2/23															
7	Data Collection	40 days	Fri 7/28/23	Thu 9/21/23															
8	Collect and Refine Noise Modeling Inputs	10 wks	Fri 7/28/23	Thu 10/5/23															
9	Develop Operational Forecasts	10 days	Fri 10/6/23	Thu 10/19/23															
10	BTV/ANG/FAA Review of Forecasts & Modeling Inputs	10 days	Fri 10/20/23	Thu 11/2/23															
11	TAC Meeting #2 (Forecasts, Mil Ops, Modeling Inputs)	1 day	Thu 11/30/23	Thu 11/30/23															
12	NCP Review	20 days	Fri 12/1/23	Thu 12/28/23															
13	Update Land Use Data	20 days	Fri 12/1/23	Thu 12/28/23															
14	Review Existing NCP	20 days	Fri 12/1/23	Thu 12/28/23															
15	TAC Meeting #3 (NCP Review)	1 day	Thu 1/18/24	Thu 1/18/24															
16	Noise Modelling Results	56 days	Fri 1/19/24	Fri 4/5/24															
17	Run Noise Models and Produce Draft NEM Map	4 wks	Fri 1/19/24	Thu 2/15/24															
18	Draft Maps to Airport/FAA (maps only)	1 day	Fri 2/16/24	Fri 2/16/24															
19	Airport /FAA Review Draft NEM Map	5 days	Mon 2/19/24	Fri 2/23/24															
20	Revise Model Based on Comments	4 wks	Mon 2/26/24	Fri 3/22/24															
21	Deliver Noise Map	10 days	Mon 3/25/24	Fri 4/5/24															
22	TAC Meeting #4 Noise Modeling Results	1 day	Thu 4/11/24	Thu 4/11/24															
23	HMMH to Update NEM Documentation	4 wks	Fri 4/12/24	Thu 5/9/24															
24	Draft NEM to Airport/FAA NE Region	1 day	Fri 5/10/24	Fri 5/10/24															
25	Airport/FAA Complete Review of Draft NEM	5 days	Mon 5/13/24	Fri 5/17/24															
26	HMMH to Revise Draft	5 days	Mon 5/20/24	Fri 5/24/24															
27	Publish Draft NEM and Comment Period	20 days	Mon 5/27/24	Fri 6/21/24															
28	Public comment period	20 days	Mon 5/27/24	Fri 6/21/24															
29	Public Meeting	1 day	Thu 6/20/24	Thu 6/20/24															
30	Final Draft NEM to Airport/ FAA for review	10 days	Mon 6/24/24	Fri 7/5/24															
31	Airport / FAA reviews complete	10 days	Mon 7/8/24	Fri 7/19/24															
32	Submit final NEM to FAA	10 days	Mon 7/22/24	Fri 8/2/24															

Project: BTV NEM Update
Date: Thu 8/24/23

Project Summary 

Duration-only 

Manual Progress 