



Lake Elmo Airport Advisory Commission

May 26, 2021



Member Roll Call

Public Representatives	Airport User Representatives
Ken Roberts	Dag Selander
Susan St. Ores	Marlon Gunderson
Mary McComber	Robyn Stoller
Dan Kylo	Keith Bergman
Rick Weyrauch	Jim Thomas
Ted Kozlowski	Luke Peterson
Gary Kriesel	Jeff Morgan

Agenda


1. Welcome and Overview by Airport Manager
2. Member Introductions
3. Bylaws Approval
4. Election Discussion
5. Work Plan Approval
6. Mobile Sound Monitoring Study
7. Aircraft Operations and Noise Complaints Q1
8. Public Comment (3-min. per comment)
9. Member Comment
10. Set LEAAC meeting schedule
11. Adjourn



Welcome and Overview

Joe Harris
Reliever Director

Phil Tiedeman
Airport Manager

A large white number '1' is centered on a green grassy field. Two dark shadows of airplanes are visible on the grass, one to the left and one to the right of the number. The top half of the image is a solid blue background.

1



Member Introductions

Membership Roster

Public Representatives	Airport User Representatives	Supporting Roles
Ken Roberts	Dag Selander	Phil Tiedeman, Airport Manger
Susan St. Ores	Marlon Gunderson	Jennifer Lewis, Meeting Coordinator
Mary McComber	Robyn Stoller	Kalae Verdeja, Meeting Secretary
Dan Kyлло	Keith Bergman	
Rick Weyrauch	Jim Thomas	
Ted Kozlowski	Luke Peterson	
Gary Kriesel	Jeff Morgan	

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Bylaws Approval



Bylaws: Goal

This Commission is formed to further the general welfare of the community and the Lake Elmo Airport, a public airport in Baytown Township, County of Washington, state of Minnesota, through minimizing or resolving problems created by the aircraft operations at the airport.

Bylaws: Purpose

1. The Commission shall advise the community and the Metropolitan Airports Commission with regard to all matters affecting the Lake Elmo Airport, the classification, rules and regulations supplied to the operation of the Airport and the development of lands adjacent to the Airport.
2. The Commission shall cooperate with the Metropolitan Airports Commission staff in reviewing matters affecting the use and control of the Lake Elmo Airport.
3. The Commission shall make its recommendations to the Metropolitan Airports Commission regarding any proposal affecting the use or operations of Lake Elmo Airport.

Bylaws: Membership and Voting

LEAAC membership consists of seven public representatives and seven airport user representatives; each member is officially designated by their government or by the airport manager for two-year terms.

A quorum at all meetings of the Commission shall consist of attendance by three (3) USER REPRESENTATIVES and three (3) PUBLIC REPRESENTATIVES, or duly designated alternatives.

Each USER and PUBLIC REPRESENTATIVE, or a duly designated alternate, shall have one (1) vote.

Bylaws: Leadership and Governance

LEAAC leadership consists of Co-Chairs: Public and User

Administrative support is provided by the Metropolitan Airports Commission, including record retention

Meetings will be held on a semi-annual basis at a minimum, at locations determined by the membership

Roberts Rules of Order will preside on issues of disagreement

Financing of the LEEAC initiatives relative to the respective constituencies will be provided by that constituencies appointing authority, or as other sources of funding are established

Co-Chair Roles

—
The powers and duties of the Chairpersons are as follows:

- To preside at all meetings of the Commission.
- To call special meetings of the Commission as he/she deems necessary, or upon request by two (2) USER or two (2) PUBLIC REPRESENTATIVES.
- To sign as Chairpersons of this Commission, with the approval of the membership, certifications and other papers and instruments in writing that may require such signature.
- To perform such other duties and tasks as these Bylaws or as the membership shall from time to time prescribe.

Action

 Proposed Action:

Accept the bylaws of the Lake Elmo Advisory Commission Bylaws as presented

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Election Discussion

Co-Chair Elections

The representatives shall elect by majority vote from membership present (in-person or through use of virtual collaboration tool) at the time of voting two (2) chairpersons; one (1) from the PUBLIC REPRESENTATIVE constituency and one (1) from the USER REPRESENTATIVE.

The elected Chairpersons will alternate conducting chairperson duties from one meeting to the next. The Chairpersons shall serve for a two (2) year term or until his/her representation on the Commission terminates, whichever occurs first; and until his/her successor is elected.

Work Plan Approval

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Work Plan 2021-2022: Action Needed

1. Noise Abatement Plan (NAP) and Pilot Guide
2. Airport 101
3. Noise 101
4. Environment 101
5. Mobile Sound Monitoring Study
6. Monitor developments on and off airport
7. Receive updates about land-use developments
8. Receive updates about airport operations and noise complaints
9. Airport Tour
10. Runway grand-opening

Action

Proposed Action:

Accept the Work Plan 2021-2022 for the Lake Elmo Advisory Commission as presented



Lake Elmo Airport Sound Monitoring Study

21D Sound Monitoring Study

The Sound Monitoring Study will:

- Measure and record aircraft sound levels associated with 21D aircraft activity in the areas where the equipment is placed
- Compare and analyze measured versus modeled sound data

The Sound Monitoring Study will not:

- Result in changes to aircraft operating procedures
- Result in changes to the 65 dB DNL contour
- Provide data for every aircraft operating at 21D
- Provide data for aircraft NOT operating at 21D

21D Sound Monitoring Study

Study Scope:

- Field Measurements
 - Up to 3 locations
 - 7 consecutive days
- Modeling
 - Use FAA approved software
 - Model same 7-day period

Report

LEAAC Presentation



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Aircraft Operations and Noise Complaints 2021 Q1



Data Resources



Working together with Minnesota communities, aircraft operators and the FAA to reduce the impact of aircraft noise.

[About](#) [Contact Us](#) [FAQ](#) [News](#) [Calendar](#)

Macnoise.com

TOOLS & REPORTS

FOR OUR NEIGHBORS

NOISE MITIGATION PROGRAM

FOR PILOTS

OTHER MAC AIRPORTS

AIRCRAFT NOISE BASICS

FlightTracker

Interactive Reports

MSP Runway Closures

Reports & Documents Library

MACNOMS

FlightTracker

Interactive Reports

MSP Runway Closures

Reports & Documents Library

MACNOMS

Noise Complaint



Interactive Reports

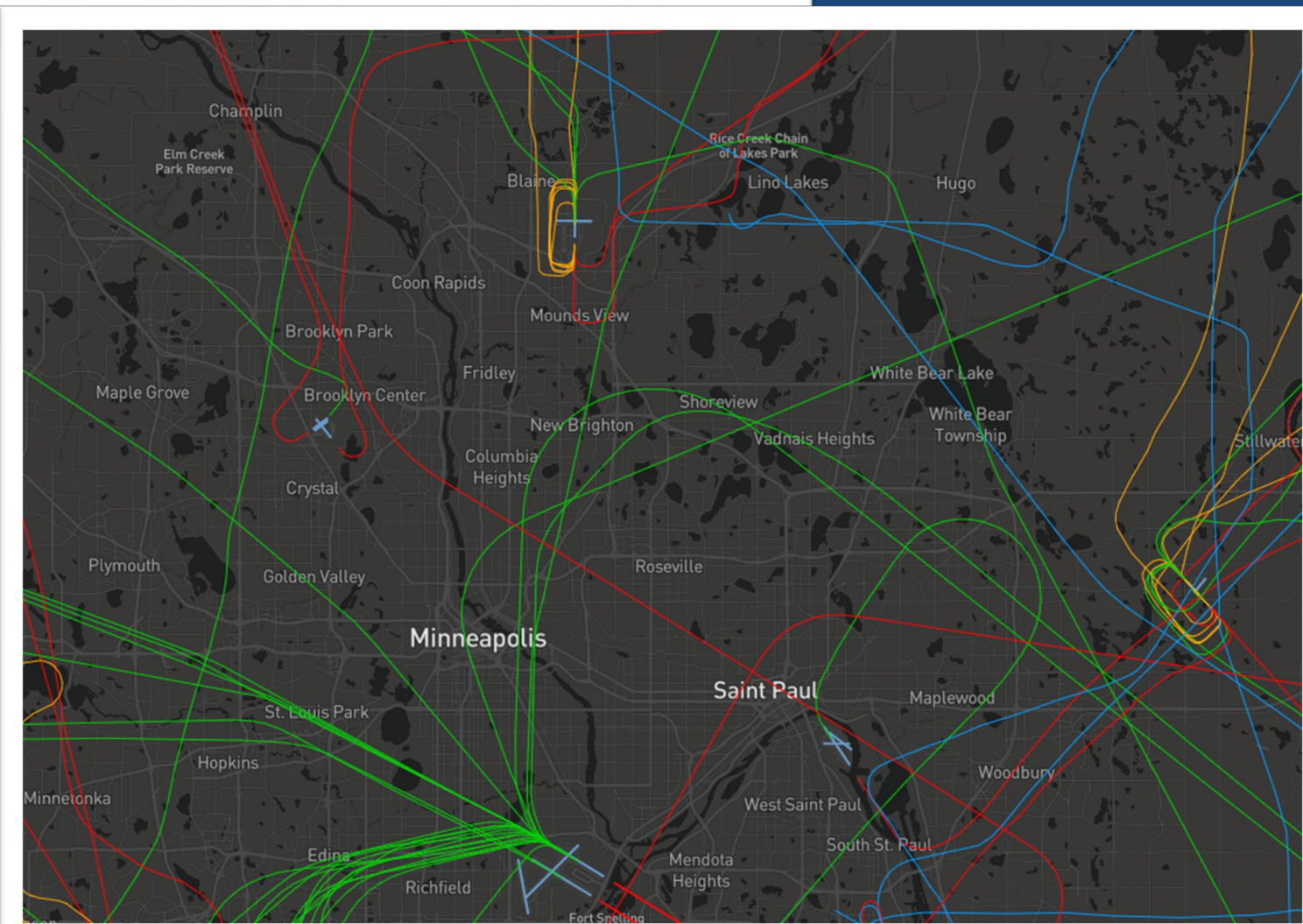
Edit

Launch Interactive Reports

The MAC Community Relations Office's Interactive Reports provide data. Information is updated daily to include all information through the previous

Should you encounter any bugs, glitches, lack of functionality or other problems, please report them accordingly: [contact us](#)

Your help in this regard is greatly appreciated.



Q1 2021 Aircraft Operations and Noise Complaints

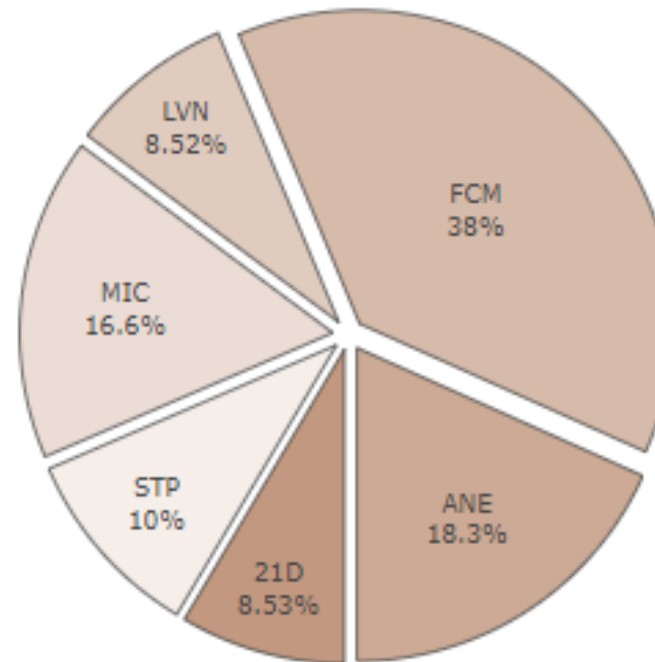
Year 2021 Quarter 1: Jan-Mar View

Home STP FCM ANE MIC LVN 21D

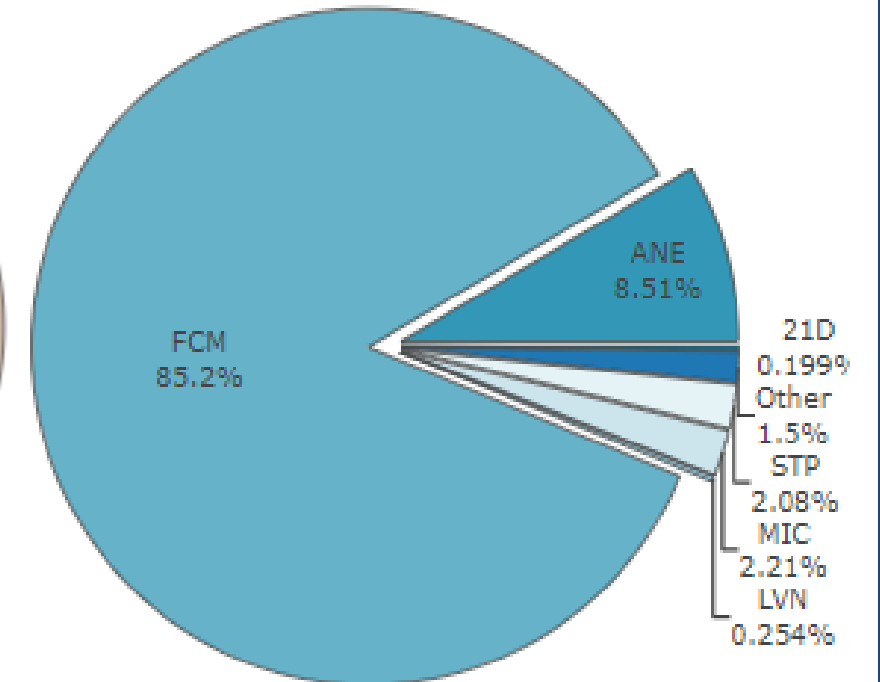
MAC Reliever Interactive Reports



AIRCRAFT OPERATIONS



NOISE COMPLAINTS



www.macnoise.com/tools-reports/interactive-reports

Lake Elmo Airport (21D) Aircraft Noise Complaints Q1 2021

COMPLAINTS

2021

11
COMPLAINTS

6
LOCATIONS

2
NIGHTTIME
COMPLAINTS

2
NIGHTTIME
HOUSEHOLDS

2020

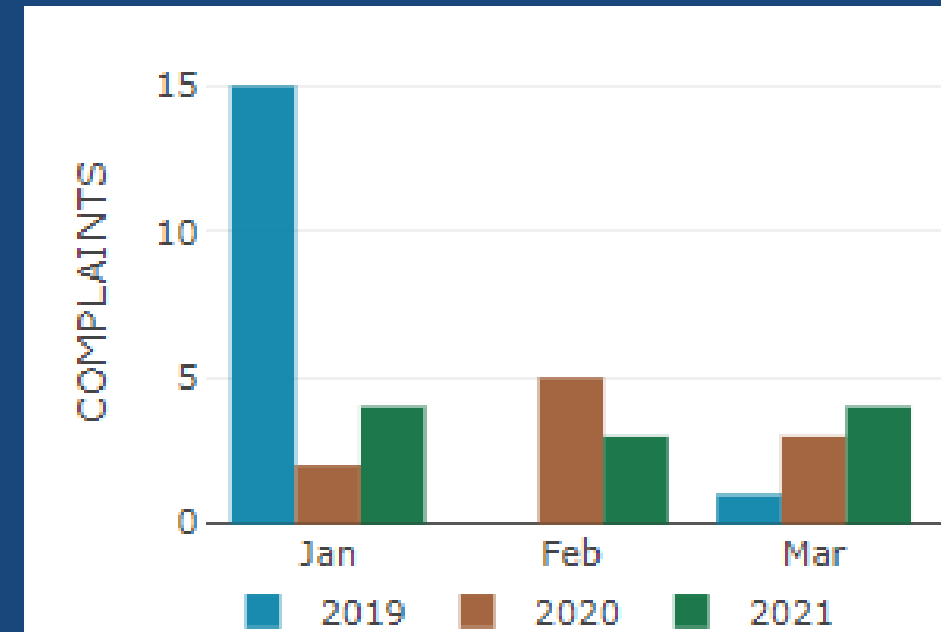
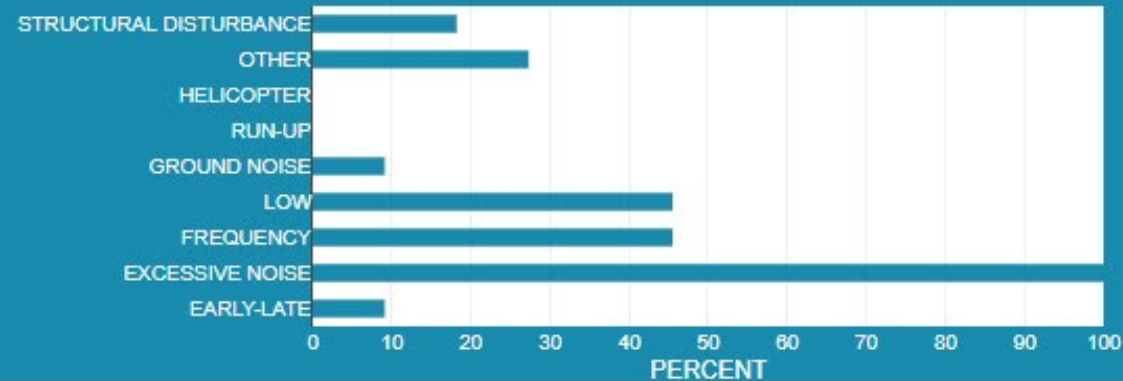
10
COMPLAINTS

3
LOCATIONS

2
NIGHTTIME
COMPLAINTS

1
NIGHTTIME
HOUSEHOLDS

COMPLAINT DESCRIPTORS



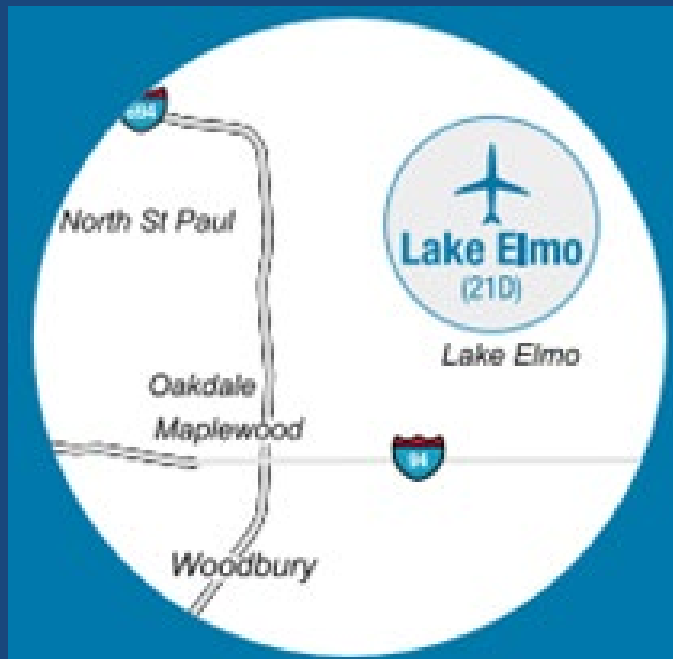
21D Aircraft Types and Complaints Q1 2021

AIRCRAFT TYPE	%	COMPLAINTS	%
JET	0.0 %	2	18.2 %
PISTON	96.1 %	9	81.8 %
HELICOPTER	0.4 %	0	0.0 %
TURBO-PROP	0.4 %	0	0.0 %
UNKNOWN	3.2 %	0	0.0 %
RUN-UP	0.0 %	0	0.0 %

21D Aircraft Operations

Lake Elmo Airport in 2020

- Takeoffs and landings **29,799**
- Rank of operations among relievers..... **6**
- Number of based aircraft **187**
- Rank of based aircraft among relievers..... **3**
- Number of runways..... **2**
- Runway dimensions **2,850' x 75'**
2,479' x 75'

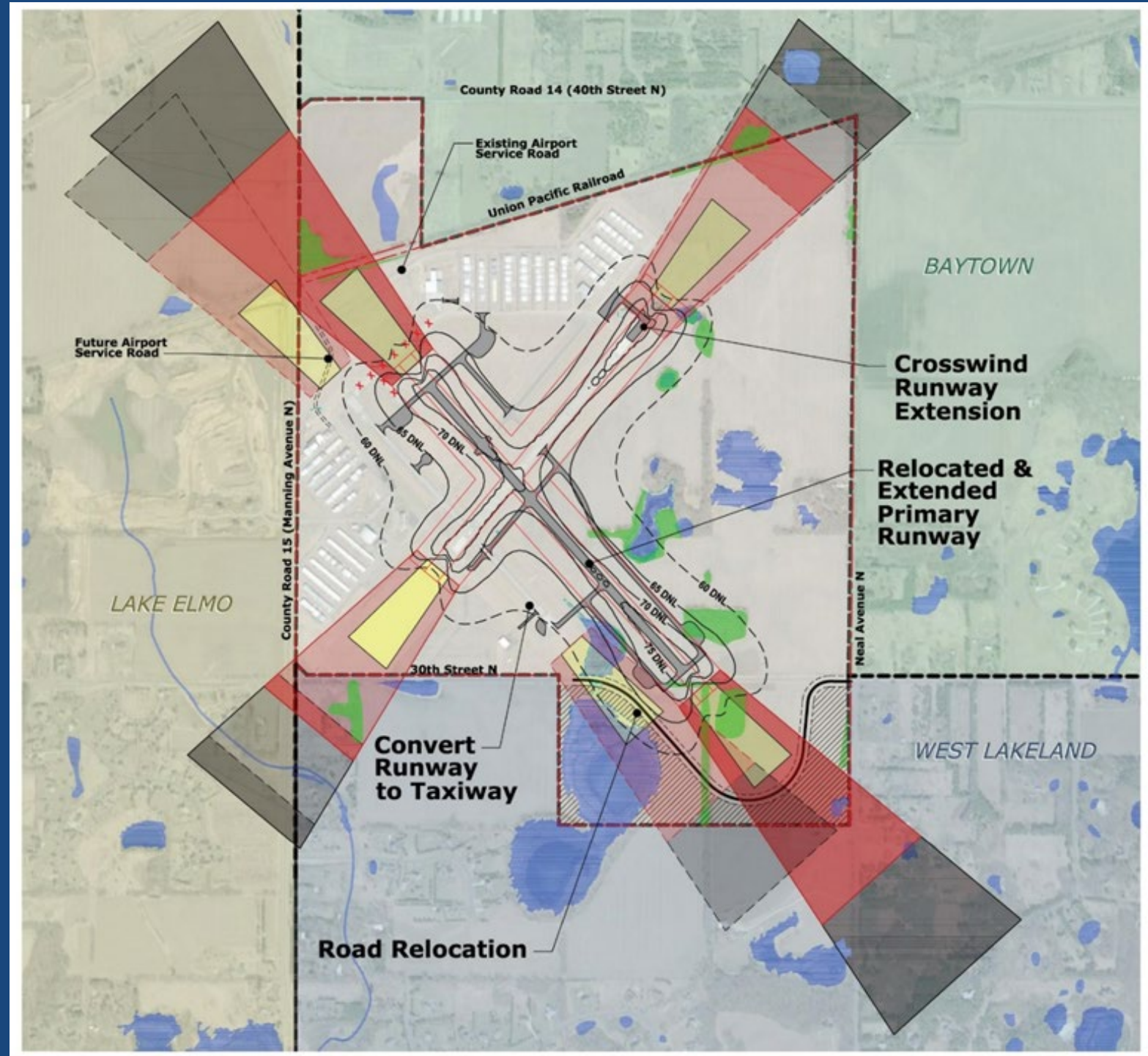


Airport	2019	2020	Change	% Change
21D	31,208	29,799	-1,409	-4.50%
ANE	71,740	70,852	-888	-1.20%
FCM	104,405	124,382	19,977	19.10%
LVN	29,835	31,314	1,479	5.00%
MIC	41,541	39,509	-2,032	-4.90%
STP	40,394	30,188	-10,746	-26.30%
Total	319,663	326,004	6,381	2.00%

Lake Elmo Airport Construction Project

LEGEND

-  Existing Property
-  Municipal Boundary
-  Existing Runway Protection Zone
-  Proposed Runway Protection Zone
-  Pavement to be Removed
-  Future Pavement
-  Proposed Road Relocation
-  2025 Noise Contours (estimated)
-  Model Safety Zone A (current runway)
-  Model Safety Zone B (current runway)
-  Model Safety Zone A (proposed runway)
-  Model Safety Zone B (proposed runway)
-  Approximate Tree Removal
-  Approximate Wetland Areas
-  Delineated Wetland Boundary
-  Potential Pollinator Habitat





Public Comment

Members of the public are welcome to share their remarks with the Commission.

Please state your name and address

Limit remarks to 3 minutes

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Member Comments

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Set LEAAC
Meeting
Schedule



LEAAC Meeting Date Options:

Quarterly Fourth Thursday Afternoon

May 2021							
No.	Su	Mo	Tu	We	Th	Fr	Sa
17							1
18	2	3	4	5	6	7	8
19	9	10	11	12	13	14	15
20	16	17	18	19	20	21	22
21	23	24	25	26	27	28	29
22	30	31					

June 2021							
No.	Su	Mo	Tu	We	Th	Fr	Sa
22			1	2	3	4	5
23	6	7	8	9	10	11	12
24	13	14	15	16	17	18	19
25	20	21	22	23	24	25	26
26	27	28	29	30			

July 2021							
No.	Su	Mo	Tu	We	Th	Fr	Sa
26					1	2	3
27	4	5	6	7	8	9	10
28	11	12	13	14	15	16	17
29	18	19	20	21	22	23	24
30	25	26	27	28	29	30	31

August 2021							
No.	Su	Mo	Tu	We	Th	Fr	Sa
31	1	2	3	4	5	6	7
32	8	9	10	11	12	13	14
33	15	16	17	18	19	20	21
34	22	23	24	25	26	27	28
35	29	30	31				

September 2021							
No.	Su	Mo	Tu	We	Th	Fr	Sa
35				1	2	3	4
36	5	6	7	8	9	10	11
37	12	13	14	15	16	17	18
38	19	20	21	22	23	24	25
39	26	27	28	29	30		

October 2021							
No.	Su	Mo	Tu	We	Th	Fr	Sa
39						1	2
40	3	4	5	6	7	8	9
41	10	11	12	13	14	15	16
42	17	18	19	20	21	22	23
43	24	25	26	27	28	29	30
44	31						

November 2021							
No.	Su	Mo	Tu	We	Th	Fr	Sa
44		1	2	3	4	5	6
45	7	8	9	10	11	12	13
46	14	15	16	17	18	19	20
47	21	22	23	24	25	26	27
48	28	29	30				

December 2021							
No.	Su	Mo	Tu	We	Th	Fr	Sa
48				1	2	3	4
49	5	6	7	8	9	10	11
50	12	13	14	15	16	17	18
51	19	20	21	22	23	24	25
52	26	27	28	29	30	31	

Action

Proposed Action:

Adjourn the May 26, 2021, Lake Elmo Airport Advisory Commission Meeting



Thank you for joining us!