



VILLAGE OF LIBERTYVILLE  
BOARD OF TRUSTEES  
BICYCLE ADVISORY COMMISSION

AGENDA

Tuesday, November 10, 2020  
6:00 PM

Please Note: Meeting Conducted Virtually Due to Governor's  
Executive Orders #2020-10, 18, 32 & 48

Pursuant to the Open Meetings Act, as amended by Public Act 100-0640, the Mayor of the Village of Libertyville, as head of the public body, has made a determination that an in-person meeting is not practical or prudent because of disaster. Due to health concerns this meeting will be conducted virtually.

Please join my meeting from your computer, tablet or smartphone.

<https://global.gotomeeting.com/join/322880269>

You can also dial in using your phone.

United States: +1 (571) 317-3122

Access Code: 322-880-269

1. Attendance (Roll Call)
2. Call to Order
3. Approval of the September 22, 2020 Bicycle Advisory Commission Minutes (Roll Call Vote)
4. Agenda Report
  - A. Ribbon Cutting
  - B. Bike Map Update
  - C. Trail Signs
  - D. Pedestrian Right-of-Way at Crosswalks
  - E. Strava Metro
5. Other
6. Adjourn (Roll Call Vote)

VILLAGE OF LIBERTYVILLE  
BOARD OF TRUSTEES  
BICYCLE ADVISORY COMMISSION

MINUTES

September 22, 2020  
6:00 PM

Meeting Conducted Virtually Due to Governor's Executive Orders #2020-10, 18, 32 and 48

Those present were: Trustee Donna Johnson, Trustee Pete Garrity, Commissioner Ken Glick, Commissioner Dave Sallmann, Commissioner Elliott Hillback, Commissioner Michelle Thompson, Commissioner Vince Amyot, and Commissioner Robin Kollman, Police Chief Clint Herdegen and Assistant Director Public Works Laura Ditanto

1. CALL TO ORDER

Commissioner Glick called to order a virtual meeting of the Bicycle Advisory Commission at 6:00 pm.

2. APPROVAL OF THE AUGUST 25, 2020 BICYCLE ADVISORY COMMISSION MINUTES

Commissioner Glick moved to approve the minutes of the August 25, 2020 meeting. Commissioner Kollman seconded. The motion carried on a roll call vote as follows:

AYES: Trustee Johnson, Trustee Garrity, Commissioner Glick, Commissioner Sallmann, Commissioner Hillback, Commissioner Thompson, Commissioner Amyot and Commissioner Kollman

NAYS: None

3. AGENDA REPORT

A. Ribbon Cutting and Promotional Video

The Ribbon Cutting ceremony date was established for October 8, 2020 at 10:00 am at the Bike Repair Station located at the Butler Park Baseball field parking lot.

B. Bike Map Update

Staff is working with MGP, the Village's GIS consultant, to update the Village's bike map. Recommended bike routes changes will be incorporated. Changes and updates to be bike map "layer" can be made as needed.

C. Trail Signs

At the last meeting the Commission suggested signs be placed near the trails and parks in the Village to remind riders of guidelines to follow during Covid-19.

Staff considered a few sign material options and corrugated plastic signs were determined to be the safest and most durable sign material. Corrugated plastic signs are weather-proof and inexpensive.

Staff requested the Commission members provide recommended locations to place the signs by September 29, 2020. Staff will send out a complete list of recommended locations to place the signs to the Commission.

The signs have to be on Village property and can't be placed in the State or County right-of-way.

Commissioner Hillback recommended that the signs be broken up into more than one sign in order for the text to be larger and readable. Staff will do mockups of one sign with all the text and multiple signs with text divided between the signs.

Staff will request a sign cost quotation from Signarama.

Staff will place the "Bicycle During Covid-19" guidelines on the Bicycling page of the Village website. Staff will work with Administrative Staff to see how many visitors there are to the Bicycle Page on the website.

D. Bike Safety Article

Village Administrative Intern created a "Flip Book" of the bike safety guidelines. The flip book was shared on the Village website and social media accounts. This information will be placed in the Spring 2021 Village Newsletter.

Staff will make copies of the book to place in local bike shops.

E. Pedestrian Right of Way at Crosswalks

Staff provided the State law regarding pedestrians in crosswalks from the Illinois Compiled Statutes.

The Commission members stated that vehicles rarely or never stop for pedestrians at the crossing on Winchester Road. This crossing is near the Lake County campus and connects a walking/bike trail.

Staff will check with County staff if additional signage can be placed at this crossing warning vehicles to stop for pedestrians and/or placing thermoplastic pavement markings in the crosswalks as an additional cue for drivers to stop for pedestrians.

Commissioner Hillback stated he will get additional information on green thermoplastic pavement markings for bicycling being used at other County and municipal agencies.

F. Winchester Sidewalk

Staff sent the recommendation to Director of Community Development John Spoden. Staff will get an update from Community Development about future plans for the property adjacent to this sidewalk and the ability to widen the sidewalk.

Trustee Johnson recommended that the Commission members send to her and John Spoden any sidewalk related issues or concerns for future projects to be considered for the Comprehensive Plan.

4. OTHER

Ice Cream Coupons

There was no update at this meeting. This item can be held over into the Spring 2021.

5. ADJOURN

Commissioner Amyot moved to adjourn the meeting at 6:52 pm. Commissioner Hillback seconded. The motion carried on a roll call vote as follows:

AYES: Trustee Johnson, Trustee Garrity, Commissioner Glick, Commissioner Hillback, Commissioner Thompson, Commissioner Amyot and Commissioner Kollman

NAYS: None

Respectfully Submitted:  
Laura Ditanto



November 10, 2020  
Bicycle Advisory Commission

## AGENDA REPORT

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### A) RIBBON CUTTING

The Ribbon Cutting took place on October 8, 2020 at 10:00 AM. Photos have been posted in the Village webpage "Bicycling". In addition, YouTube videos on how to use the bike repair stations have been posted on the "Bike Repair Station" Village webpage.

### B) BIKE MAP UPDATE

MGP, Village's GIS consultant, has completed the first draft of the Bike Path and Trail Map. The map is attached for review and comments. The following updates were made to the bike map:

- Seventh Avenue between Sunnyside and Rockland – the kink/turn is straight. Eliminated this turn.
- Property on the corner of Sunnyside and Seventh and North Shore Trail – put in a connector path. (The Village installed a sidewalk across this property to connect to the North Shore Trail.)
- On Fourth Avenue, extended the bike route to northern terminus at Church Street and added Church Street from Fourth Avenue to Second Avenue.
- Removed route on Broadway and Church.
- Church Street – Added as a route from First Avenue to Brainerd Avenue.
- Hurlburt – Added as a route from Fourth Avenue to Milwaukee Avenue.

### C) TRAIL SIGNS

The trail signs were posted at the following locations: near Winchester Bike Repair Station, near Adler Bike Repair Station, near Sunnyside Bike Repair Station (which is close the North Shore trail), Riverside Park and Butler Park (just off Lake Street).

### D) PEDESTRIANS' RIGHT-OF-WAY AT CROSSWALKS

Staff is consulting with the County on possible signage or pavement marking upgrades at this crosswalk.

### E) STRAVA METRO

Strava Metro partners with public agencies of all sizes such as Departments of Transportation, Metropolitan Planning Organizations, counties and cities to improve infrastructure for bicyclists and pedestrians. Hundreds of public agencies around the world use Strava Metro

to evaluate and improve bicycle and pedestrian infrastructure. Strava Metro provides data on patterns of people moving in our region to provide impactful, data-driven decisions, whether planning and building new infrastructure or measuring impact and behavior change after a project is complete. (Source: Strava website) The statistical data and maps provide information on Lake County.

The Strava Metro Dashboard provides statistical data. Examples of the Dashboard are displayed on the attachment to the report.

- Trips: The data is divided up by total, leisure and commute and can be compared with previous years. In 2020 between January and September, there have been 130,121 bicycling leisure trips compared to 69,824 in all of 2019.
- People: In 2020 between January and September, 11,506 people have used Strava compared to 6,704 in all of 2019.
- Age Demographics: Age demographics are divided up 13-19, 20-34, 35-54, 55-64 and 65+. The largest demographic using Strava is 35-54.
- Tourism: Tourism show whether the users are local or tourists. In 2020, there are slightly more locals reported.
- Highlights: Provides statistics on the last full week, last full month, and last full year for total trips, weekend trips, total people and visitors. Based on whether you select last full week, last full month, or last full year, the highlights will provide a percentage (+/-) change for total trips, weekend trips, total people and visitors.

The Strava Maps are divided up into four categories:

- Streets: Using filters, you can download street information.
- Corridors: On the map, displays unique trips by corridor. More unique trips are displayed with a darker blue line.
- Routes: Provides the most direct route and the most popular route from a starting point to an end point.
- Heatmap: The heatmap displays bicycling and pedestrian activity on roads and paths. Low activity is displayed in tan, medium activity in pink and high activity in blue.

Commissioner Hillback recommended the Village sign up for an Agency membership on Strava Metro. The information provided on the dashboard and maps can be used to determine future routes on the bike map, recommendation for locations of bike related infrastructure (i.e. bike repair stations), or locations to place bike racks.



# Bike Paths

## DRAFT

GURNEE

WAUKEGAN

GREEN OAKS

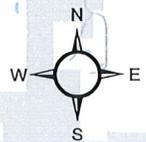
MUNDELEIN

VERNON HILLS

METTAWA

### Map Legend

- North Shore Bike Path
- Des Plaines River Trail
- Local Bike Paths
- Roadway Bike Routes
- County Multi-Use Paths
- Village Corporate Limits



# Strava Dashboard

Highlights Mon, Oct 12 - Sun Oct 18 2020 ⓘ

Total trips

**2.1K** -48.3%

Weekend trips

**516** -65.4%

Total people

**1.2K** -40.0%

Visitors

**213** -52.0%

## Trips ⓘ

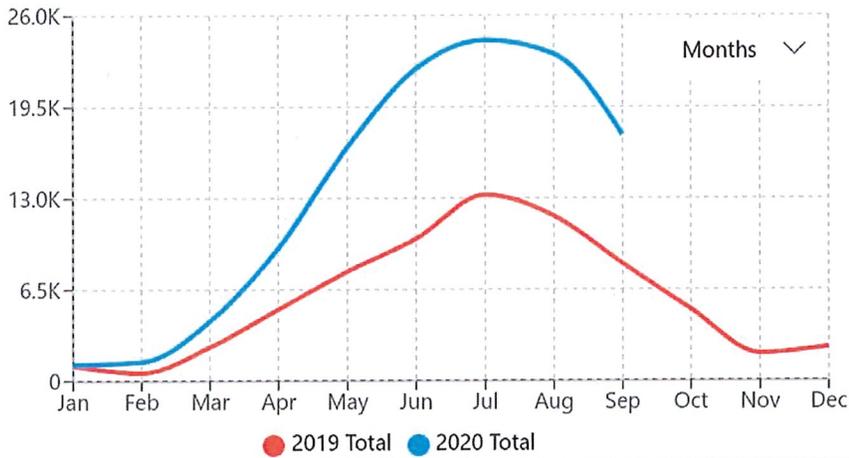
2020, 2019  Total  Leisure  Commute

2020 Total

**128,647**

2019 Total

**69,824**



## People

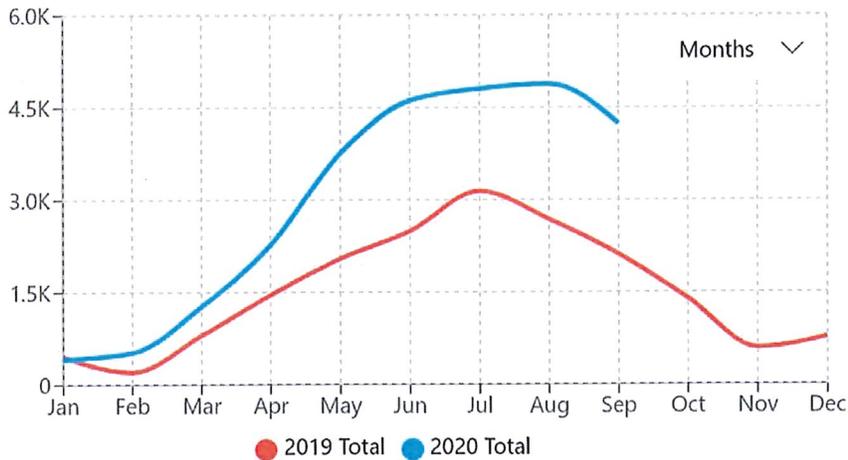
2020, 2019  Total  Locals  Visitors

2020 Total

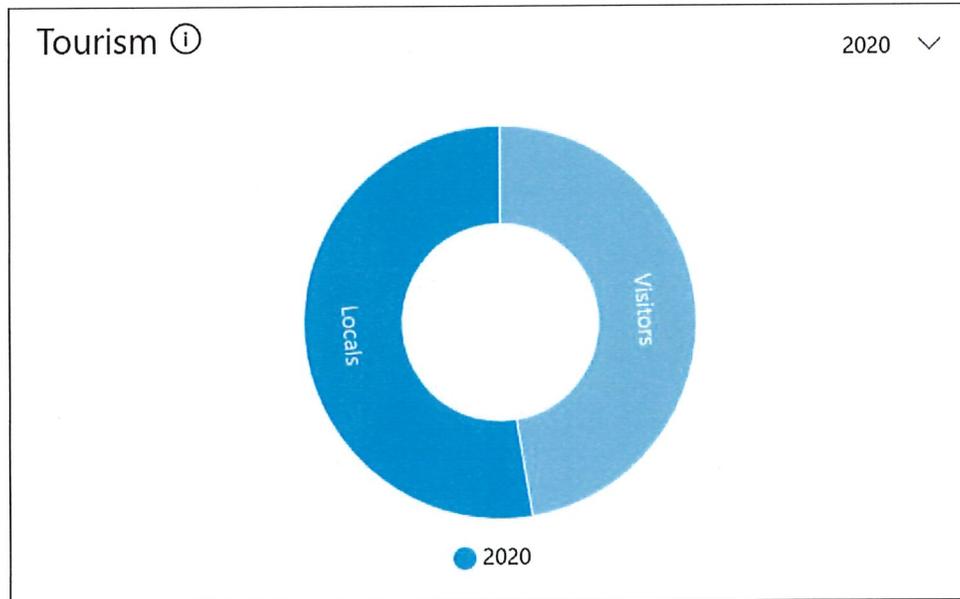
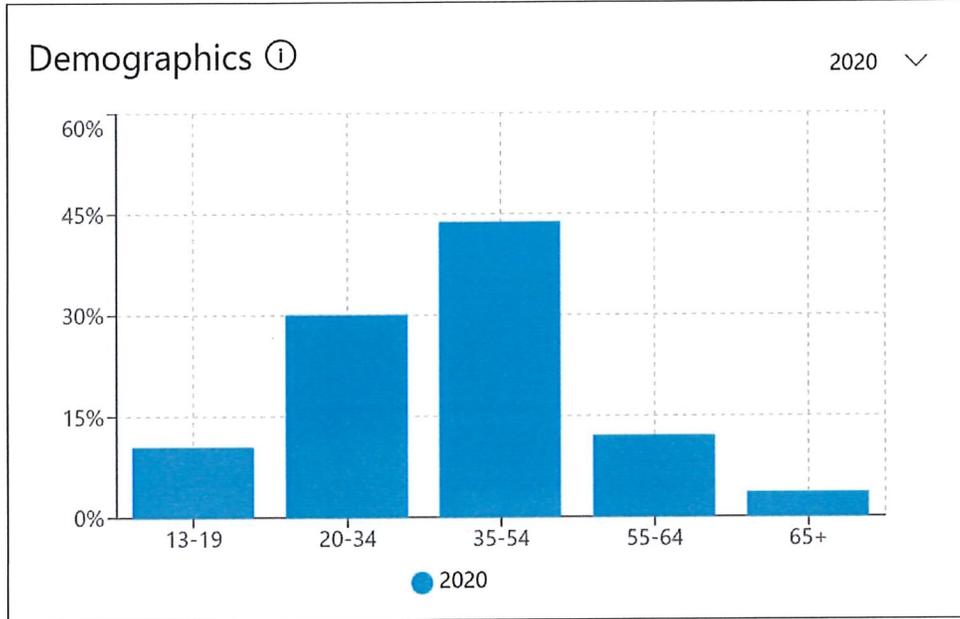
**11,443**

2019 Total

**6,704**

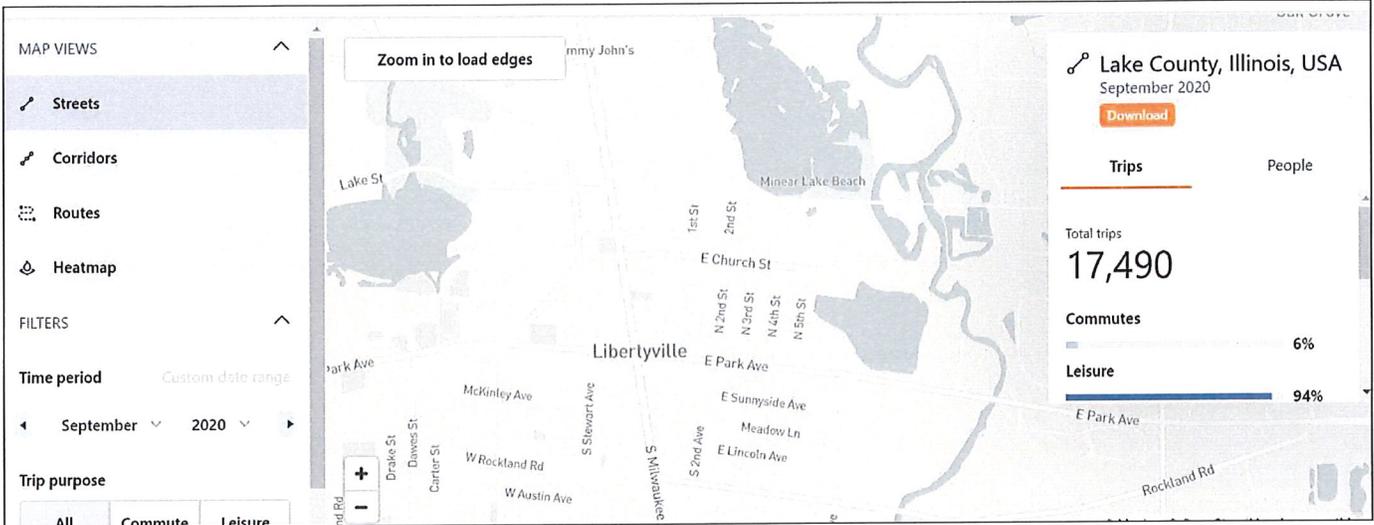


# Strava Dashboard

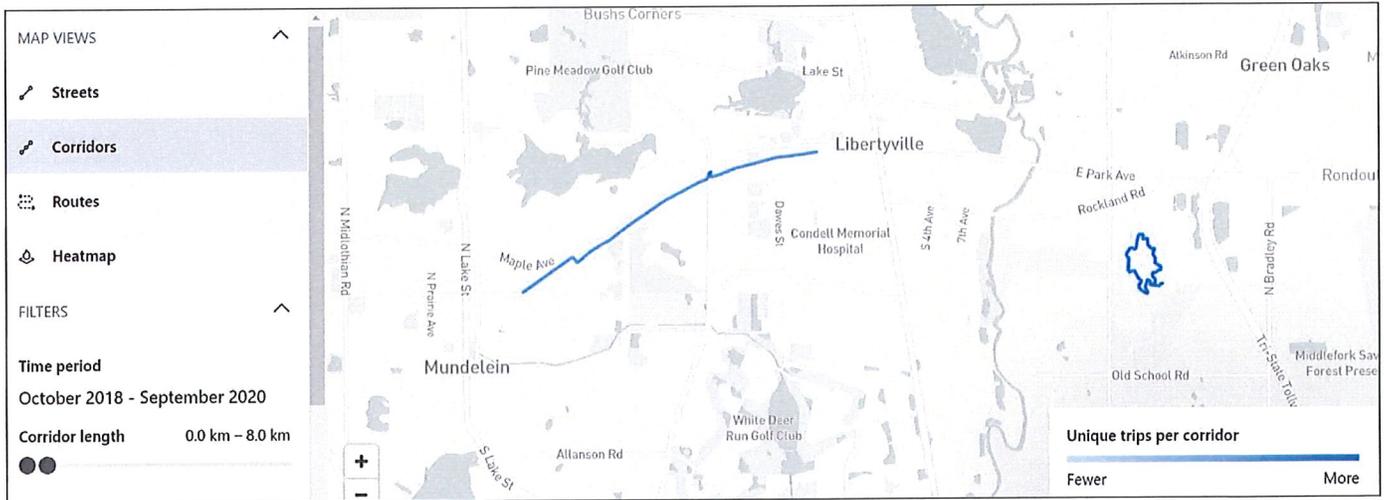


# Strava Maps

## Streets

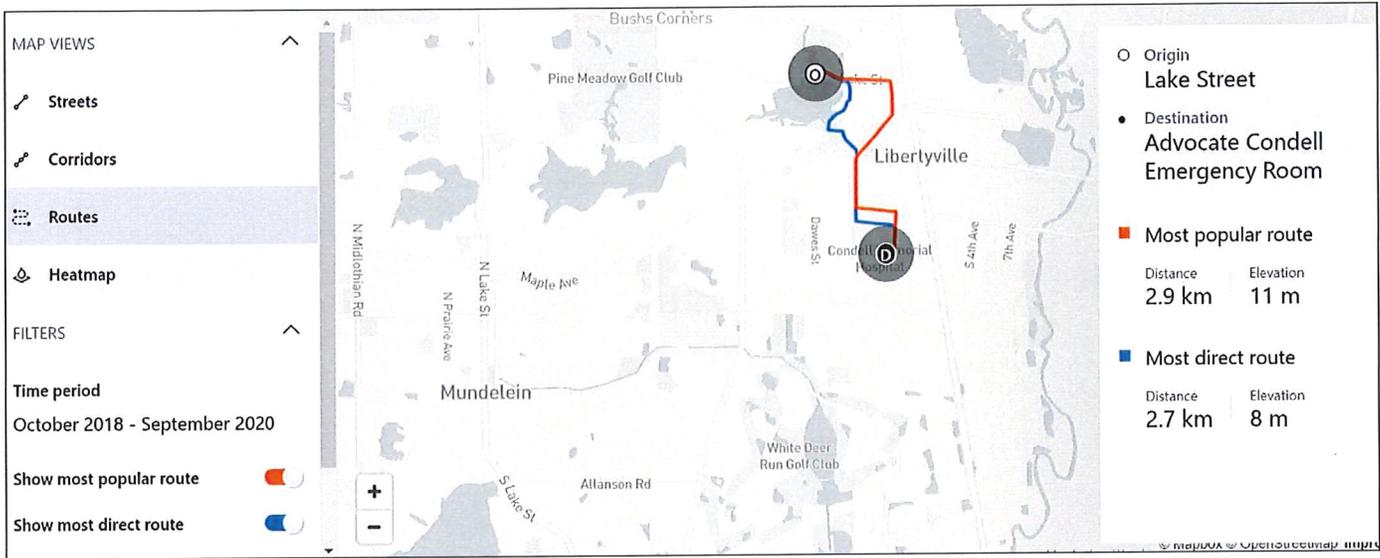


## Corridors



# Strava Maps

## Routes



## Heatmap

