

Council Chair:  
Mayor Rockingham  
North Chicago

Council Vice-Chair:  
Mayor Ryback  
Wadsworth



# LAKE COUNTY COUNCIL OF MAYORS

Members:

Antioch  
Bannockburn  
Beach Park  
Buffalo Grove  
Deerfield  
Deer Park  
Fox Lake  
Grayslake  
Green Oaks  
Gurnee  
Hainesville  
Hawthorn Woods  
Highland Park  
Highwood  
Indian Creek  
Island Lake  
Kildeer  
Lake Barrington  
Lake Bluff  
Lake Forest  
Lake Villa  
Lake Zurich  
Libertyville  
Lincolnshire  
Lindenhurst  
Long Grove  
Mettawa  
Mundelein  
North Barrington  
North Chicago  
Old Mill Creek  
Park City  
Riverwoods  
Round Lake  
Round Lake Beach  
Round Lake Heights  
Round Lake Park  
Third Lake  
Tower Lakes  
Vernon Hills  
Volo  
Wadsworth  
Wauconda  
Waukegan  
Winthrop Harbor  
Zion  
County of Lake

## Full Council Meeting Agenda

Time: 9:00 a.m.  
Date: November 7, 2019  
Location: Lake County Division of Transportation  
Main Conference Room  
600 W. Winchester Road  
Libertyville, Illinois

		<u>Action Requested</u>
<b>1) Opening of Meeting/Introductions</b>		Call to Order
<b>2) Approval of Minutes</b>		Approval
a. August 1, 2019 Meeting	(Attachment 1)	
<b>3) Functional Classification Change Requests</b>		Approval
a. City of North Chicago		
i. Argonne Drive	(Attachment 2)	
b. Village of Fox Lake		
i. Washington Street	(Attachment 3)	
ii. Frontage Road 1 (West)	(Attachment 4)	
iii. Frontage Road 2 (East)	(Attachment 5)	
iv. Frontage Road 3 (East)	(Attachment 6)	
c. Village of Beach Park		
i. Bonnie Brook Lane	(Attachment 7)	
<b>4) 2020 Full Council Schedule</b>	(Attachment 8)	Approval
<b>5) Current Lake Council STP Program</b>	(Attachment 9)	Information
<b>6) 2020 STP Call for Projects</b>		
a. Program Development Schedule	(Attachment 10)	Information
b. FY2021-2025 Programming Marks	(Attachment 11)	Information
c. STP Distribution- Improvement Component		Information
<b>7) Other Business</b>		
<b>8) Public Comment</b>		
<b>9) Next Meeting-January 30, 2020</b>		
<b>10) Adjournment</b>		



# LAKE COUNTY COUNCIL OF MAYORS

Bob Minutes of August 1, 2019 Lake County Council of Mayors Meeting  
at the Lake County Division of Transportation

## Attendance

<u>Name</u>	<u>Position</u>	<u>Representing</u>
Leon Rockingham	Mayor	North Chicago
Glenn Ryback	Mayor	Wadsworth
Daniel MacGillis	Mayor	Round Lake
Billy McKinney	Mayor	Zion
Anne Marrin	Village Administrator	Fox Lake
David Kilbane	Village Administrator	Round Lake Beach
Maria Lasday	Village Administrator	Bannockburn
Moses Amidei	Village Administrator	Wadsworth
Michael Talbett	Village Administrator	Kildeer
Ray Roberts	City Engineer	Zion
Bob Phillips	Director of Public Works	Deerfield
Paul Kendzior	Director of Public Works	Libertyville
Bob Ells	City Engineer	Lake Forest
Taylor Wegrzyn	Village Planner	Mundelein
Ramesh Kanapareddy	Director of Public Works	Highland Park
Rick Mack	Community Relations Representative	Metra
Kevin Carrier	Dir. Of Planning and Programming	LCDOT
Barbara Zubek	Associate	CMAP
Ian Warren	Associate	CMAP
Mike Klemens	Council Liaison	Lake Council
Emily Karry	Council Liaison	Lake Council
Geoff Perry		Consultant
Jon Vana		Consultant
John Beissel		Consultant

### 1. Call to Order

Mayor Rockingham called the meeting to order at 9:02am.  
Those in attendance gave self-introductions

### 2. Approval of the Minutes

With a motion from Mayor MacGillis and a second from Bob Phillips, on a voice vote the minutes of the May 9th, 2019 meeting were approved unanimously.

### 3. Transportation Committee Reports

Bob Phillips gave the report on the Transportation Committee which met on July 25, 2019. The Transportation Committee met on July 25th and had a very well attended meeting with 19 communities in attendance and nearly 50 attendees. Most importantly at the meeting, the committee unanimously voted to recommend the Full Council approve the STP Methodology and Guidebook. Final Action by the Council is next on the agenda today.



# LAKE COUNTY COUNCIL OF MAYORS

The committee also heard updates from the transportation agencies. The overall theme of those updates was gratitude that the legislature had passed a capital bill in June. The RTA reported the region should see about \$227 million in annual transit capital funding and there is additional bonding authority for transit projects. Metra reported that new rail cars, and locomotives would be the top priority with their new capital bill funding. Pace reported their top priority would be expanding the bus on shoulder program which has seen huge growth in the last few years and has been limited by parking availability. IDOT Bureau of Programming reported that the Multi-Year Program is still in development and they are not yet sure what new projects would be included as a result of the capital bill. The committee heard information from IDOT about new quarterly reporting required by GATA for MFT distributions and federally funded projects.

The committee also had a presentation from CMAP on the recently developed regional water demand forecast. CMAP has put together planning level water demand through 2050 for each municipality in the region. All of the individual community data is available on CMAP's data hub on their website.

#### **4. LCCOM STP Guidebook**

Mr. Klemens informed the Council that the STP Guidebook was put out for a 30-day public comment period. During that period only one comment was received, from a LCCOM community that was concerned that small communities would lose out on funding. Council staff went and met with the Mayor and Administrator of that community and discussed the proposed changes and rules for the STP program. At the end of that meeting there were not any recommendations made to change the proposed guidebook. Mayor Rockingham asked if there were any additional comments or concerns regarding the proposal before the request to approve it was made. A question was asked if a model ordinance on complete streets could be sent to the communities. Staff responded that they would send out a link to complete streets materials for council members. A motion was made to adopt the LCCOM STP Methodology and Guidebook by Mayor Ryback and seconded by Mayor MacGillis. The motion passed unanimously on a voice vote.

#### **5. CMAP Call for Projects Public Comment Letter**

Mr. Klemens informed the Council that CMAP staff has released a recommended program for the STP-Shared Fund, CMAQ and TAP program for a 30-day public comment period. Mr. Klemens informed the committee that at the STP Project Selection Committee meeting the City of Chicago raised concerns about the way the program was built, specifically that projects were not awarded partial funding. The City was requesting comments on partial funding as well as the staff recommended program. Mr. Klemens told the Council that staff had drafted a letter to submit for public comment that stated the staff recommended program be adopted as presented. The rules the region agreed to did not allow for partial funding, the intent of the program was to close funding gaps for larger projects and get those projects completed. The staff drafted public comment letter also opposed partial funding of projects during this call for projects cycle and stated that any changes should be vetted through the STP project selection committee prior to the next call for projects. Mayor Rockingham stated that he agreed with the letter and that the rules should be followed as they were adopted. A question was asked if the LCCOM methodology allows for partial funding of projects. Staff responded that if the project could be completed within the five year window of the active program then partial funding would be allowed, but staff would not include phases of projects in the active program that won't have all phases authorized within the five year program so as not to put communities in a situation where they are forced to pay back federal funds. A motion was made to submit the public comment letter to CMAP on behalf of the Lake County Council of Mayors by Mayor Ryback and seconded by Bob Phillips, the motion was passed unanimously by voice vote.

#### **6. LCCOM Current Council Program**



# LAKE COUNTY COUNCIL OF MAYORS

Ms. Karry updated the council on current status of the program. There are a few projects from the council coming up to lettings this fall, Libertyville Township Road District – Rockland Road and Weiland Road – LCDOT/Buffalo Grove are targeting the September 2019 letting.

The region typically receives about \$135 million per year in STP funds and in FFY19 there is approximately \$246 million programmed for the entire region. This year, CMAP staff has been able to honor their commitment to fund projects in all of the Council's programs by seeking additional programming authority from IDOT, rather than having to delay projects CMAP has been able to get access to additional federal dollars for the region.

Staff wants to make sure that they are sharing the message with everyone that STP funding through the Council of Mayors in the region is very tight this year and is looking to be the same sort of situation for next year. In the last couple months, there have been a couple communities or their consultants reaching out about funding increases for projects. Unfortunately, our Council does not have any additional STP funds to allocate to projects. Staff have submitted cost increase requests to CMAP, but they also have not been able to provide any additional funding for the reasons and limitations stated above and to maintain regional fiscal constraint.

On the bright side, in this federal fiscal year our council alone has obligated about \$30M of federal STP funds in construction so far and have about another \$10M targeting construction on the September letting. The Lake County Council of Mayors has spent more STP funds than any other council including the City of Chicago and has been able to take advantage of far more funding during the past couple years than the Council could have ever advanced funded under the old system of rules. So that is a good thing, there are some great projects getting accomplished.

On a somewhat related note regarding project schedules and funding, it seems that the agreement process with IDOT is taking several months longer than it has in the past. The Council has a project that submitted agreements for review in October of 2018 and that project still hasn't received authorization to execute agreements for IDOT approval. Council staff have been working with BLRS staff in District 1 and Central Office to try to help facilitate movement on this project (and others). Staff also wants the Council to know that there are a few projects on our program still waiting for Phase 2 approval that are targeting 2020 lettings. Depending on when the projects receive approval on their engineering agreements, these projects very likely will be slipping into 2021 or beyond for construction lettings (depending on their complexity) and this is not due to the community or lack of LCCOM staff efforts. Under the just adopted STP methodology these projects would be grandfathered into the new LCCOM program for 2021-2025.

### **13. Other Business**

Mr. Klemens informed the Council that there would be an STP Pre-Call for Projects workshop held on Friday September 6<sup>th</sup>, at 9am. More information will be sent out soon.

### **14. Public Comment**

There was no public comment.

### **15. Next Meeting**

The next meeting of the Council is scheduled for November 7, 2019.

### **16. Adjournment**

A motion to adjourn was made by Mayor Ryback and seconded by Mayor MacGillis, the meeting adjourned at 9:23 am.



# LAKE COUNTY COUNCIL OF MAYORS

**RESOLUTION 110719LCC-01  
A RESOLUTION REQUESTING THE RECLASSIFICATION OF  
ARGONNE DRIVE BETWEEN  
JACKSON STREET AND BROADWAY AVENUE  
TO A MINOR COLLECTOR**

WHEREAS, the Chicago Metropolitan Agency for Planning (CMAP) and the Policy Committee as the Metropolitan Planning Organization for Northeastern Illinois has designated the CMAP Council of Mayors to program Surface Transportation Program (STP) funds; and

WHEREAS, the Lake County Council of Mayors is one of eleven sub-regional councils which was established to locally program STP funds; and

WHEREAS, the Lake County Council of Mayors has reviewed the system of collectors and arterials eligible and found that a certain change is desirable to reflect certain changes in traffic and development patterns in Lake County;

NOW, THEREFORE, BE IT RESOLVED that the Lake County Council of Mayors requests the reclassification of the following described local road to the classification of minor collector:

Argonne Drive between Jackson Street and Broadway Avenue in the City of North Chicago.

BE IT FURTHER RESOLVED that copies of this resolution will be forwarded to the Chicago Metropolitan Agency for Planning, the Lake County Engineer and the Illinois Department of Transportation Region 1/District 1 Engineer.

APPROVED AND ADOPTED this 7<sup>th</sup> day of November, A.D. 2019.

---

Leon Rockingham, Jr., Chairman  
Lake County Council of Mayors  
and  
Mayor, City of North Chicago



**City of North Chicago  
1850 Lewis Avenue  
North Chicago, IL 60064**

October 7, 2019

Lake County Council of Mayors  
Attn: Emily Karry  
600 W. Winchester Road  
Libertyville, IL 60048

**Re: Functional Classification Revision Request  
City of North Chicago**

Dear Ms. Karry:

Enclosed, please find the Functional Classification Revision Request for the segment of Argonne Drive listed below:

Route	Termini	Length (miles)	Requested Classification
Argonne Drive	Jackson Street to Broadway Avenue	0.19	Minor Collector

Argonne Drive functions as a collector route within the City of North Chicago, serving as an east-west connection between IL Route 131 (Green Bay Road) and IL Route 137 (Sheridan Road), both principal arterials. Several schools, churches, and municipal buildings are among the traffic generating facilities located along Argonne Drive. The segment of Argonne Drive between Jackson Street and Broadway Avenue features lower speeds, low driveway density, and channelizes the adjacent local roadways to the nearby arterial network. This segment crosses a low density residential neighborhood and connects a gap between two major collector segments.

We appreciate your assistance and formally request that you prepare a resolution supporting the classification revision for action at the next Council meeting.

Please contact me if you have any questions.

Very truly yours,

Mayor Leon Rockingham, Jr.

Cc: Deb Waszak, Chief of Staff  
Edward Wilmes, Director Public Works  
Steve Cieslica, P.E., Trotter and Associates, City Engineer  
James R. Tibble, P.E., Civiltech Engineering, Inc.

Over 100 Years of Municipal Service  
**City of North Chicago**

1850 Lewis Avenue, North Chicago, Illinois • 847-596-8600 • [www.northchicago.org](http://www.northchicago.org)

# Appendix A

## Functional Classification Revision Request Template

1. Name(s) of proposed roadway to be reclassified:

Argonne Drive

2. Name of agency requesting revision (roadway jurisdiction):

*(An agency should not request reclassification of a roadway that is not under its own jurisdiction without the support of the maintaining jurisdiction. For a township-maintained street within a municipality, the township should agree to the change prior to Council of Mayors consideration.)*

City of North Chicago

3. Contact information (name, title, address, phone and email):

Ed Wilmes, Director of Public Works, 1850 Lewis Avenue, North Chicago, IL 60064,  
847-596-8690, edwwil@northchicago.org

4. Council(s) of Mayors:

Lake County Council of Mayors

5. County(ies) containing roadway proposed to be reclassified:

Lake County

6. Township(s) containing roadway proposed to be reclassified:

Shields Township

7. Additional roadway jurisdiction(s), if any, containing the roadway proposed to be reclassified:

Argonne Road is entirely under the jurisdiction of the City of North Chicago and has no sections under another jurisdiction.

8. Current functional classification for this roadway, as classified by IDOT:

Local Street



9. Proposed functional classification for this roadway:

Minor Collector

10. The IDOT [key route designation](#) number for this roadway:

*(This number is available on the IDOT [Getting Around Illinois](#) website. The key route designation number is the Key Route Type, a hyphen, and the Key Route Number from the map.)*

MUN-3000

11. Endpoints of proposed roadway to be reclassified

- North or West endpoint:

Jackson Street (Key Route 2738)

- North or West endpoint road's functional classification:

Major Collector

- South or East endpoint:

Broadway Avenue (Key Route 3707)

- South or East endpoint road's functional classification:

Major Collector

12. Length of proposed roadway to be reclassified:

0.19 miles

13. Current Average Annual Daily Traffic (AADT):

Argonne Drive, Jackson Street to Lincoln Street: 900 vehicles per day and Lincoln Street to Park Avenue: 600 vehicles per day. Traffic data was collected on Tuesday, September 10, 2019 from 12:00 A.M. to 12:00 P.M. via 24-hour video count. Seasonal and daily adjustment factors were applied to the ADT to obtain the AADT. See attached Raw Field Data, Peak Hour Diagrams, 2050 Projection Letter, and AADT Map.

*(Provide AADT by segment if the AADT is not consistent along the entire route. Indicate the source and year of the AADT. Some AADT values are available on the IDOT [Getting Around Illinois](#) website. If the AADT is not from a published source, supply raw field data and provide the date(s), the day(s) of week, the hours of collection, and the type of equipment used to collect the traffic data. HI-STAR or equivalent technology is preferred.)*



14. Spacing:

- Provide the name of and distance to the next adjacent roadway (to the north or east) with the same classification as the subject road's proposed functional classification:

Greenwood Avenue (Key Route 1216) - Minor Collector, 4.24 miles

14th Street (Key Route 0013) - Major Collector, 0.65 miles

- Provide the name of and distance to the next adjacent roadway (to the south or west) with the same classification as the subject road's proposed functional classification:

Laurel Avenue (Key Route 1243) - Minor Collector, 4.55 miles

Blodgett Avenue (Key Route 1293) - Major Collector, 2.88 miles

15. Indicate whether the proposed revision also requires a change (downgrade) to the functional classification of any adjacent roadways to accommodate the spacing requirements for this proposed functional classification revision:

The City of North Chicago does not propose any downgrades to the functional classification of adjacent roadways.

*(Provide [key route designation](#) number and endpoints as well as road name and proposed change.)*

16. Access Management:

- How does the municipality or other jurisdiction plan to manage access along the road? Examples would be an access management ordinance, subdivision ordinance, or planned development ordinance.

Access will be managed through a subdivision ordinance, found in the North Chicago Code of Ordinances, Title 13, Chapter 1: Zoning and Subdivision Ordinances.

- How many driveways now exist along the right-of-way?

7

- Are left-turns controlled by raised or barrier-protected medians?

No existing medians.



17. Provide current and planned Traffic Signalization along proposed route:

*(Mark locations on the map with a rectangle with three circles inside it, or similar; use the same symbol and write "future" by planned signals.)*

There are no traffic signals along Argonne Drive between Jackson Street and Broadway Avenue, as seen in Exhibit 2. There are also no proposed traffic signals in this segment of Argonne Drive.

18. Provide current and planned Stop Sign Control on proposed route and on the cross-streets:

*(Mark locations on the map with an octagon or similar; use the same symbols and write "future" by planned signs.)*

There is an all-way stop control at the intersection of Argonne Drive/Jackson Street, a minor leg stop control at the intersection of Argonne Drive/Lincoln Avenue, and an all-way stop control at the intersection of Argonne Drive/Broadway Avenue. There are no additional stop sign controls proposed along this segment of Argonne Drive. Please see Exhibit 2 for existing stop sign controls.

19. Major Traffic Generators along the proposed reclassified route:

The major traffic generators along Argonne Drive are from the North Chicago Police Department, North Chicago Public Library, Neal Math and Science Academy, AJ Katzenmaier Elementary School, North Chicago City Hall, Fire Department, Foss Park Golf Course, and four churches located along Argonne Drive. North Chicago Community High School and the Foss Park District generate additional traffic via Lewis Avenue.

20. Justification for the proposed revision based on definitions, characteristics and spacing guidance provided:

Argonne Drive serves as a 1.5 mile east-west connection between IL Route 131 (Green Bay Road) and IL Route 137 (Sheridan Road). IL Route 131 is a principal arterial and IL Route 137 is a principal arterial and an SRA route. Argonne Drive collects residential traffic from local neighborhoods and provides direct access to traffic generating municipal facilities (City Hall, police and fire stations, public library, and public schools and parks) and commercial areas along IL Route 131 and IL Route 137. All way stops are located at both termini of Argonne Drive at Jackson Street and Broadway Avenue. Argonne Drive has a low driveway density. Argonne Drive between Jackson Street and IL Route 131 is a major collector. Traffic on Argonne Drive is expected to increase approximately 44-50% by 2050.

*("To establish federal funding eligibility" is NOT a justification.)*

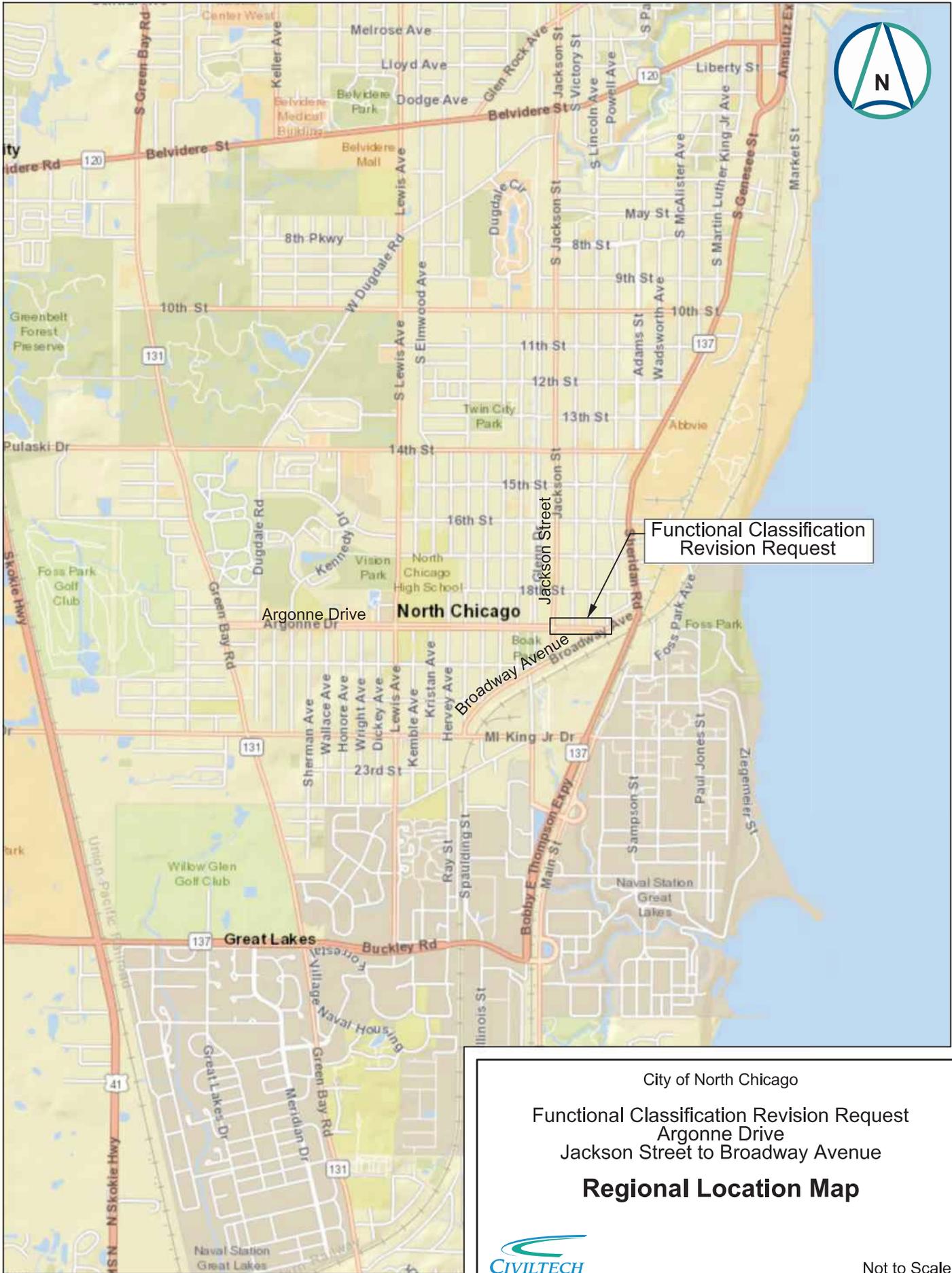
Provide any additional (optional) information or justification:

21. The requested upgrade from Local Street to minor collector route provides better system continuity along Argonne Drive. This lower speed roadway collects local traffic and allows channeling to the nearby arterial network. This segment of Argonne Drive crosses through a low density residential neighborhood and connects two major collector segments.

22. Attach Support Resolutions & Letters:

1. Local Council(s) of Mayors resolution(s) of support (required)
2. Affected neighboring jurisdictions' letters of support (required)
3. Requesting municipality's resolution of request (optional)



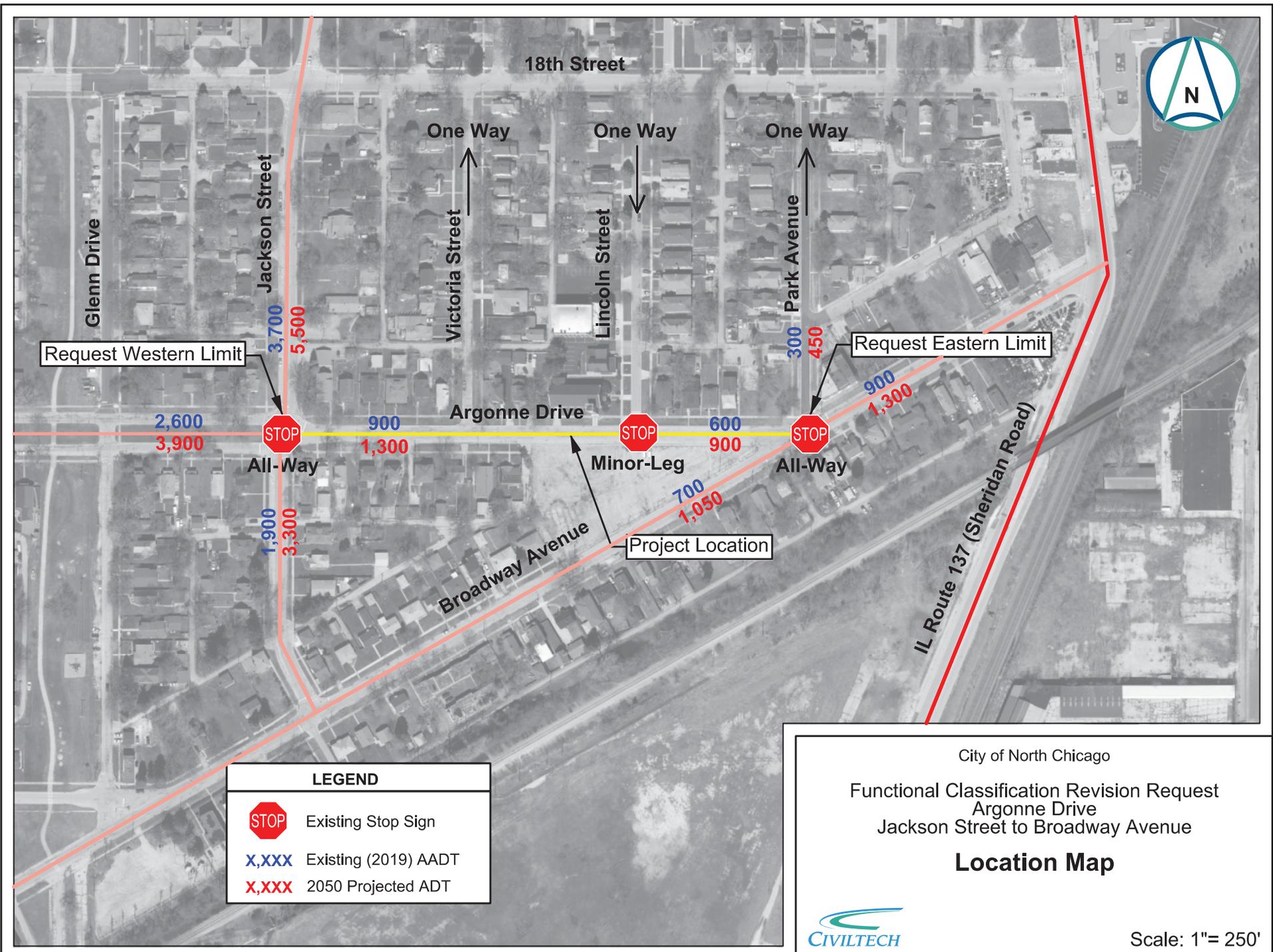


Functional Classification  
Revision Request

City of North Chicago  
 Functional Classification Revision Request  
 Argonne Drive  
 Jackson Street to Broadway Avenue  
**Regional Location Map**

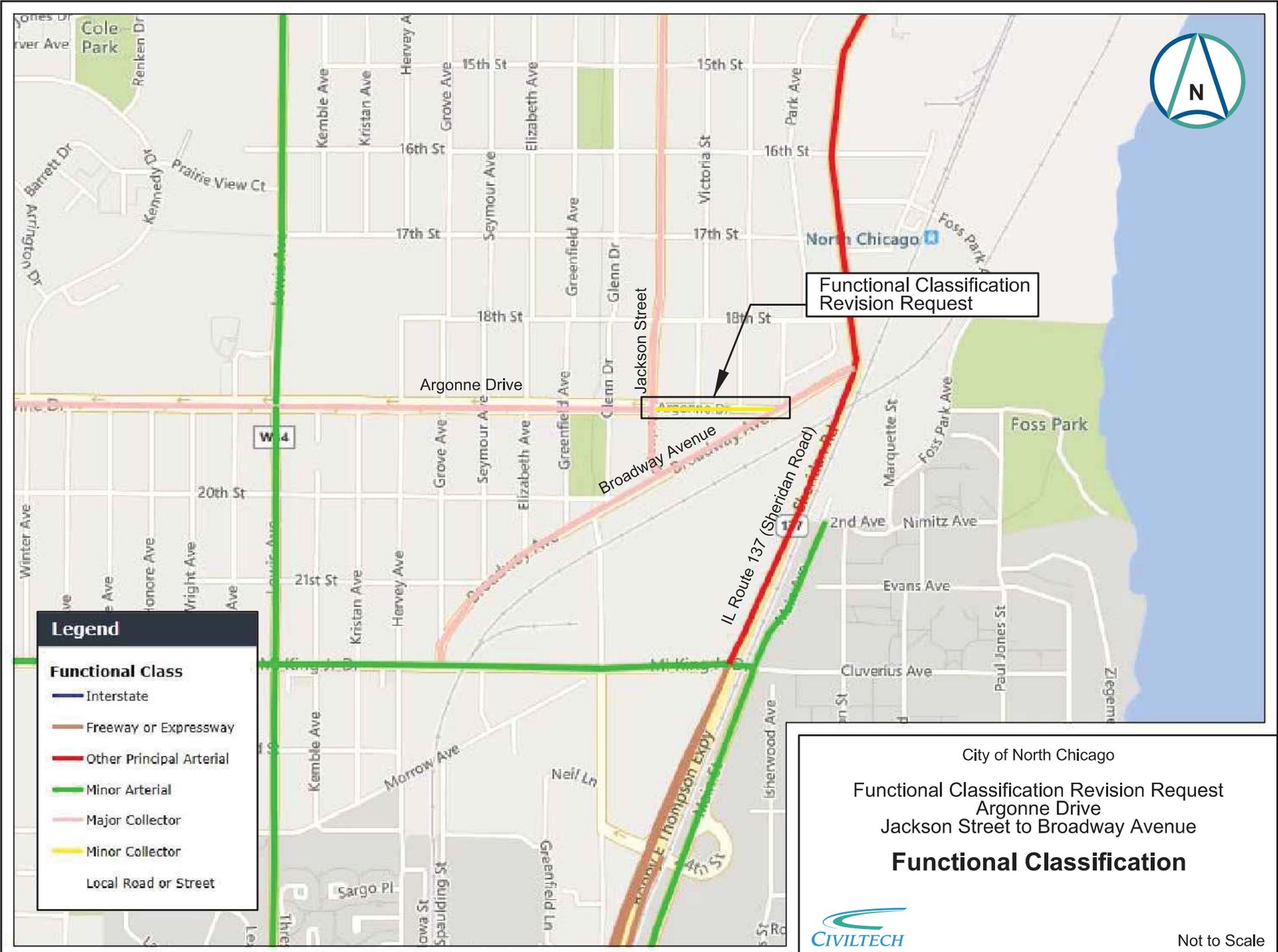


Not to Scale



City of North Chicago  
 Functional Classification Revision Request  
 Argonne Drive  
 Jackson Street to Broadway Avenue  
**Location Map**

Scale: 1"= 250'



Functional Classification Revision Request

City of North Chicago

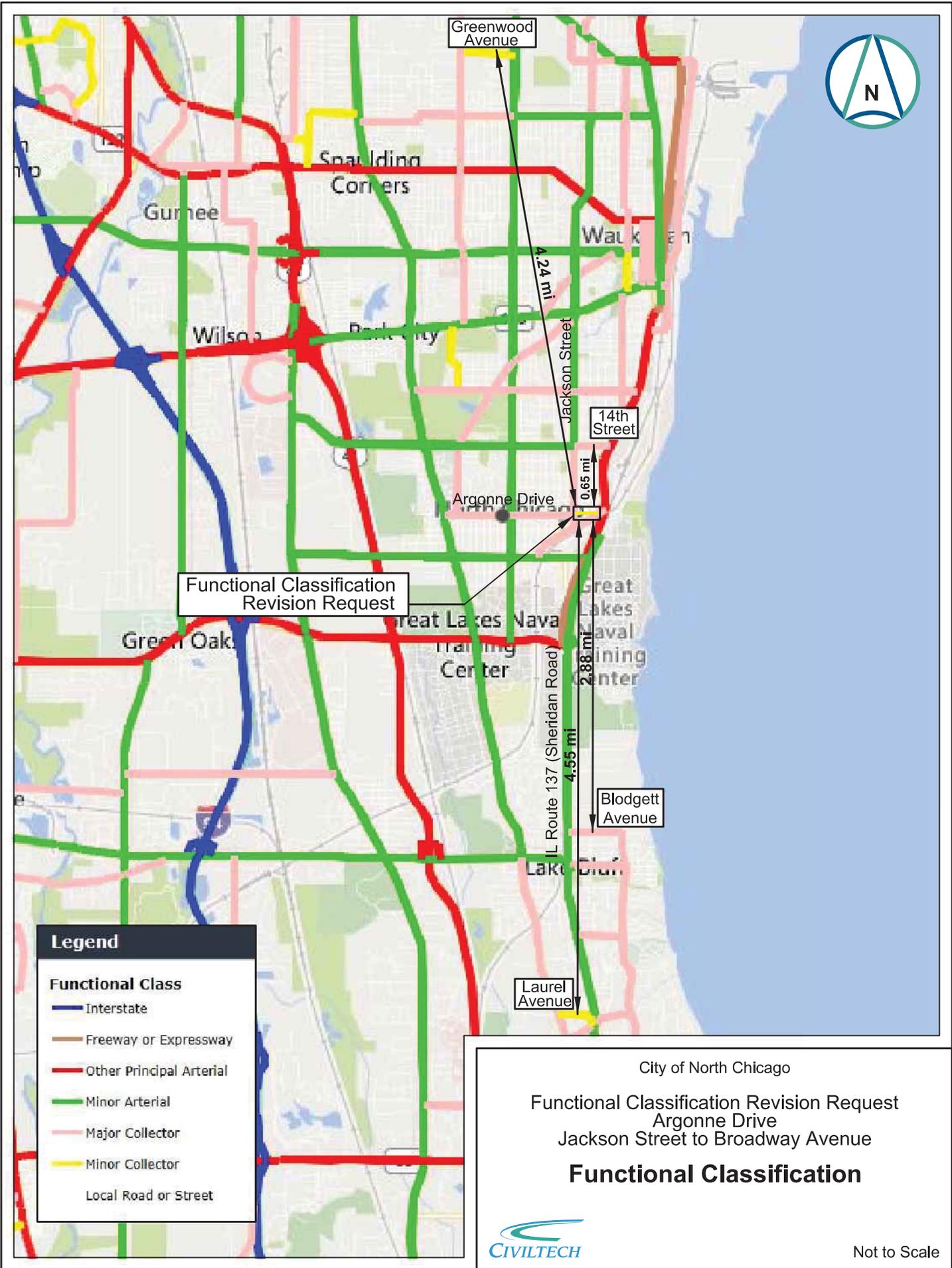
Functional Classification Revision Request  
 Argonne Drive  
 Jackson Street to Broadway Avenue

**Functional Classification**

**CIVILTECH**

Not to Scale

**Exhibit 3a**



Functional Classification Revision Request

Greenwood Avenue

Spaulding Corners

Gurnee

Waukegan

Wilson

Park City

14th Street

Argonne Drive

Green Oak

Great Lakes Naval Training Center

Blodgett Avenue

Laurel Avenue

City of North Chicago  
 Functional Classification Revision Request  
 Argonne Drive  
 Jackson Street to Broadway Avenue

**Functional Classification**



Not to Scale

## **TRAFFIC FORECAST RECORD**

**Record Number:** la-34-19

**Type of Report:** Projection

**Year Sought:** 2050

**Analyst:** JG

**Organization requesting forecast:** Civiltech Engineering

**Contact:** James R. Tibble, P.E.

**Phone number:** (630) 735-3949

**Sponsor:** City of North Chicago

**Date request was received:** September 20, 2019

**Date that response was mailed or faxed:** September 26, 2019

**Facility Location:** Argonne Drive from IL Route 131 to IL 137

**Municipality:** North Chicago



Chicago Metropolitan  
Agency for Planning

233 South Wacker Drive  
Suite 800  
Chicago, Illinois 60606  
  
312 454 0400  
www.cmap.illinois.gov

September 26, 2019

Edward Wilmes,  
Public Works Director  
City of North Chicago  
1850 Lewis Avenue  
North Chicago, IL 60064

***Subject: Argonne Drive from IL Route 131 to IL 137***  
City of North Chicago

Dear Mr. Wilmes:

In response to a request made on your behalf and dated September 20, 2019, we have developed year 2050 average daily traffic (ADT) projections for the subject location. Please see the attached table on the next page.

Traffic projections are developed using existing ADT data provided in the request letter and the results from the March 2019 CMAP Travel Demand Analysis. The regional travel model uses CMAP 2050 socioeconomic projections and assumes the implementation of the ON TO 2050 Comprehensive Regional Plan for the Northeastern Illinois area. If you have any questions, please call me at (312) 386-8806.

Sincerely,

A handwritten signature in black ink, appearing to read "Jose Rodriguez".

Jose Rodriguez, PTP, AICP  
Senior Planner, Research & Analysis

cc: Tibble (Civiltech)  
S:\AdminGroups\ResearchAnalysis\2019\_ForecastsTraffic\North Chicago\la-34-19\la-34-19.docx

Road Segment	Existing ADT	2050 ADT
Green Bay Road N Leg	23,700	34,700
Green Bay Road S Leg	21,300	32,300
Argonne Dr E Leg	7,500	10,500
Argonne Dr W Leg	1,400	2,700
Dugdale Rd N Leg	1,600	2,700
Dugdale Rd S Leg	600	900
Argonne Dr E Leg	6,100	8,000
Argonne Dr W Leg	7,500	10,700
Kennedy Dr N Leg	1,800	2,700
Winter Ave S Leg	800	1,200
Argonne Dr E Leg	6,200	8,100
Argonne Dr W Leg	6,200	8,100
Lewis Ave N Leg	12,700	17,600
Lewis Ave S Leg	10,700	15,000
Argonne Dr E Leg	4,300	6,400
Argonne Dr W Leg	6,100	8,000
Jackson St N Leg	3,700	5,500
Jackson St S Leg	1,900	3,300
Argonne Dr E Leg	900	1,300
Argonne Dr W Leg	2,600	3,900
Park Ave N Leg	300	450
Broadway Ave NE Leg	900	1,300
Alley SE Leg	100	150
Broadway Ave SW Leg	700	1,050
Argonne Dr W Leg	600	900
Sheridan Rd N Leg	17,700	21,400
Sheridan Rd S Leg	17,100	20,400
Broadway Ave W Leg	900	1,300
Jackson St N Leg	1,800	3,300
Broadway Ave E Leg	700	1,050
Broadway Ave W Leg	2,300	3,500

Table: Year 2050 ADT, Argonne Drive from Green Bay Road to Sheridan Rd  
Prepared by CMAP, September 25, 2018

**Study Name Argonne Drive/Jackson Street**  
**Start Date 09/10/2019**  
**Start Time 12:00 AM**  
**Site Code 3383**  
**Project 3383 Argonne Drive Phase I Study**

**Type Road**  
**Classification Lights**

Start Time	Jackson Street Southbound			Argonne Drive Westbound			Jackson Street Northbound			Argonne Drive Eastbound		
	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left
12:00 AM	0	3	1	0	0	0	0	5	0	0	0	1
12:15 AM	2	4	0	0	1	0	0	2	0	0	1	2
12:30 AM	1	2	0	0	0	0	0	3	0	0	1	4
12:45 AM	0	0	0	0	0	0	0	0	1	0	0	2
1:00 AM	1	2	0	0	1	0	0	2	0	0	0	2
1:15 AM	0	0	0	1	1	0	0	4	0	0	0	1
1:30 AM	3	1	0	0	0	0	0	0	0	0	1	0
1:45 AM	0	2	0	0	2	0	0	0	0	0	0	1
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	3
2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0
2:30 AM	1	1	0	0	0	0	0	2	0	0	3	0
2:45 AM	1	0	0	0	0	0	0	2	0	0	0	1
3:00 AM	0	1	0	0	0	0	0	0	0	0	0	2
3:15 AM	1	1	0	0	0	0	0	1	0	0	1	0
3:30 AM	2	2	0	0	0	0	0	1	0	0	1	1
3:45 AM	0	0	0	1	0	0	0	2	0	1	0	2
4:00 AM	0	1	0	0	0	0	0	2	0	0	0	1
4:15 AM	1	3	0	0	1	0	0	0	0	1	1	1
4:30 AM	3	2	0	0	0	0	0	0	0	0	0	1
4:45 AM	0	2	0	0	0	0	0	1	0	0	0	3
5:00 AM	5	4	0	0	0	0	0	2	0	0	2	3
5:15 AM	2	9	0	0	3	1	0	2	1	0	1	4
5:30 AM	7	12	1	0	0	0	0	1	0	0	2	3
5:45 AM	7	10	1	1	2	0	0	0	0	0	1	4
6:00 AM	14	12	0	0	2	1	0	3	0	0	2	1
6:15 AM	10	35	1	0	0	1	0	5	0	0	1	5
6:30 AM	17	26	3	0	2	0	0	3	0	0	3	6
6:45 AM	11	28	0	0	1	1	0	4	1	0	3	3
7:00 AM	13	16	0	0	5	0	0	2	1	0	2	6
7:15 AM	13	21	2	2	4	2	0	10	1	1	2	14
7:30 AM	24	18	0	2	3	0	0	13	1	1	3	10
7:45 AM	25	19	1	2	4	2	1	12	1	0	4	11
8:00 AM	22	21	2	3	8	1	0	7	1	2	6	25
8:15 AM	22	20	4	1	6	0	0	5	0	0	8	17
8:30 AM	9	7	0	1	5	1	0	12	0	0	2	10
8:45 AM	7	8	0	4	7	0	0	2	0	1	5	15
9:00 AM	9	8	1	1	8	1	0	11	0	0	3	7
9:15 AM	9	8	0	1	2	0	0	9	0	0	2	11
9:30 AM	4	5	2	1	4	1	0	6	0	1	4	12
9:45 AM	10	3	0	0	3	0	0	10	1	1	3	10
10:00 AM	6	6	1	0	3	0	0	7	1	0	3	9
10:15 AM	6	5	1	1	6	0	0	5	1	1	2	8
10:30 AM	11	8	0	4	3	1	1	7	1	1	4	21
10:45 AM	8	11	0	0	4	0	1	9	0	0	2	7
11:00 AM	9	9	0	0	3	1	0	8	0	0	2	9

11:15 AM	5	9	0	0	4	0	1	6	0	0	3	5
11:30 AM	7	13	1	1	6	1	1	10	0	0	2	12
11:45 AM	8	10	2	3	2	1	0	14	0	0	8	11
12:00 PM	10	9	1	2	5	0	0	15	0	1	4	10
12:15 PM	6	13	1	0	3	2	0	7	1	0	2	9
12:30 PM	8	6	0	0	5	0	0	7	2	3	9	12
12:45 PM	8	15	2	0	4	0	0	5	1	0	4	8
1:00 PM	7	9	0	1	1	1	0	15	0	0	4	18
1:15 PM	8	5	0	0	7	1	0	10	0	2	2	12
1:30 PM	9	8	0	1	1	1	0	10	0	2	6	16
1:45 PM	3	10	1	1	5	0	0	5	0	0	4	16
2:00 PM	12	21	1	1	2	0	0	23	2	1	4	15
2:15 PM	8	17	1	5	4	1	1	19	0	0	2	17
2:30 PM	3	8	2	2	3	0	0	18	2	0	4	11
2:45 PM	13	8	1	3	8	1	1	19	1	4	4	24
3:00 PM	17	15	0	4	4	1	0	20	2	2	5	18
3:15 PM	13	21	2	0	3	0	0	26	0	4	2	13
3:30 PM	16	7	1	1	9	0	1	31	1	1	10	30
3:45 PM	7	16	2	3	6	0	1	30	1	3	8	31
4:00 PM	12	8	1	0	5	0	1	22	0	0	2	25
4:15 PM	9	12	0	1	4	2	0	20	0	2	4	22
4:30 PM	17	16	0	0	3	1	0	43	1	5	8	29
4:45 PM	12	6	1	1	7	2	0	26	3	2	7	34
5:00 PM	9	9	1	3	6	1	1	18	0	4	7	29
5:15 PM	16	8	1	0	3	1	0	23	0	4	7	28
5:30 PM	4	10	0	3	3	1	0	21	1	0	8	22
5:45 PM	12	12	2	1	7	0	1	15	0	1	9	23
6:00 PM	6	11	2	3	7	0	0	17	1	4	4	21
6:15 PM	13	7	0	2	7	0	0	18	1	1	6	16
6:30 PM	4	12	1	1	5	0	0	13	1	0	11	7
6:45 PM	11	7	0	1	8	1	0	12	2	0	4	17
7:00 PM	18	12	0	1	5	0	0	9	1	4	8	29
7:15 PM	13	6	1	0	6	1	0	13	0	1	8	18
7:30 PM	11	4	0	0	5	0	0	11	1	1	9	26
7:45 PM	12	8	1	4	6	4	2	6	1	1	2	17
8:00 PM	5	10	2	1	3	1	0	14	0	1	5	15
8:15 PM	10	4	3	1	2	1	4	8	0	0	8	9
8:30 PM	9	3	0	4	9	1	0	9	1	0	4	15
8:45 PM	9	7	0	1	8	0	0	9	1	0	5	14
9:00 PM	5	4	0	0	1	0	1	6	0	1	4	14
9:15 PM	6	7	0	1	4	0	0	4	0	0	5	8
9:30 PM	9	3	0	0	1	0	1	3	1	0	7	11
9:45 PM	3	3	0	0	5	1	0	6	0	0	3	6
10:00 PM	4	6	0	1	1	1	1	12	0	1	6	3
10:15 PM	5	4	0	1	2	1	0	10	1	0	3	10
10:30 PM	7	8	1	0	0	0	0	8	0	0	5	9
10:45 PM	1	9	1	0	3	1	0	0	0	1	3	8
11:00 PM	6	3	1	0	2	1	0	7	0	0	0	4
11:15 PM	2	3	0	0	2	0	0	5	0	1	1	6
11:30 PM	3	3	1	2	0	0	0	5	0	0	2	5
11:45 PM	3	2	0	0	0	0	0	4	0	0	0	5









**Study Name** Argonne Drive/Broadway Avenue/Park Avenue  
**Start Date** 09/10/2019  
**Start Time** 12:00 AM  
**Site Code** 3383  
**Project** 3383 Argonne Drive Phase I Study

**Type** Crosswalk  
**Classification** Bicycles on Crosswalk

Start Time	Park Avenue Southbound			Broadway Avenue Southwestbound			Northbound Approach Northbound			Northeastbound Approach Northeastbound			Argonne Drive Eastbound		
	Peds CW	Peds CCW	Peds Combined	Peds CW	Peds CCW	Peds Combined	Peds CW	Peds CCW	Peds Combined	Peds CW	Peds CCW	Peds Combined	Peds CW	Peds CCW	Peds Combined
12:00 AM	0	0		0	0		0	0		0	0		0	0	
12:15 AM	0	0		0	0		0	0		0	0		0	0	
12:30 AM	0	0		0	0		0	0		0	0		0	0	
12:45 AM	0	0		0	0		0	0		0	0		0	0	
1:00 AM	0	0		0	0		0	0		0	0		0	0	
1:15 AM	0	0		0	0		0	0		0	0		0	0	
1:30 AM	0	0		0	0		0	0		0	0		0	0	
1:45 AM	0	0		0	0		0	0		0	0		0	0	
2:00 AM	0	0		0	0		0	0		0	0		0	0	
2:15 AM	0	0		0	0		0	0		0	0		0	0	
2:30 AM	0	0		0	0		0	0		0	0		0	0	
2:45 AM	0	0		0	0		0	0		0	0		0	0	
3:00 AM	0	0		0	0		0	0		0	0		0	0	
3:15 AM	0	0		0	0		0	0		0	0		0	0	
3:30 AM	0	0		0	0		0	0		0	0		0	0	
3:45 AM	0	0		0	0		0	0		0	0		0	0	
4:00 AM	0	0		0	0		0	0		0	0		0	0	
4:15 AM	0	0		0	0		0	0		0	0		0	0	
4:30 AM	0	0		0	0		0	0		0	0		0	0	
4:45 AM	0	0		0	0		0	0		0	0		0	0	
5:00 AM	0	0		0	0		0	0		0	0		0	0	
5:15 AM	0	0		0	0		0	0		0	0		0	0	
5:30 AM	0	0		0	0		0	0		0	0		0	0	
5:45 AM	0	0		0	0		0	0		0	0		0	0	
6:00 AM	0	0		0	0		0	0		0	0		0	0	
6:15 AM	0	0		0	0		0	0		0	0		0	0	
6:30 AM	0	0		0	0		0	0		0	0		0	0	
6:45 AM	0	0		0	0		0	0		0	0		0	0	
7:00 AM	0	0		0	0		0	0		0	0		0	0	
7:15 AM	0	0		0	0		0	0		0	0		0	0	
7:30 AM	0	0		0	0		0	0		0	0		0	0	
7:45 AM	0	0		0	0		0	0		0	0		0	0	
8:00 AM	0	0		0	0		0	0		0	0		0	0	
8:15 AM	0	0		0	0		0	0		0	0		0	0	
8:30 AM	0	0		0	0		0	0		0	0		0	0	
8:45 AM	0	0		0	0		0	0		0	0		0	0	
9:00 AM	0	0		0	0		0	0		0	0		0	0	
9:15 AM	0	0		0	0		0	0		0	0		0	0	
9:30 AM	0	0		0	0		0	0		0	0		0	0	
9:45 AM	0	0		0	0		0	0		0	0		0	0	
10:00 AM	0	0		0	0		0	0		0	0		0	0	
10:15 AM	0	0		0	0		0	0		0	0		0	0	
10:30 AM	0	0		0	0		0	0		0	0		0	0	
10:45 AM	0	0		0	0		0	0		0	0		0	0	
11:00 AM	0	0		0	0		0	0		0	0		0	0	
11:15 AM	0	0		0	0		0	0		0	0		0	0	
11:30 AM	0	0		0	0		0	0		0	0		0	0	
11:45 AM	0	0		0	0		0	0		0	0		0	0	
12:00 PM	0	0		0	0		0	0		0	0		0	0	
12:15 PM	0	0		0	0		0	0		0	0		0	0	
12:30 PM	0	0		0	0		0	0		0	0		0	0	
12:45 PM	0	0		0	0		0	0		0	0		0	0	
1:00 PM	0	0		0	0		0	0		0	0		0	0	
1:15 PM	0	0		0	0		0	0		0	0		0	0	
1:30 PM	0	0		0	0		0	0		0	0		0	0	
1:45 PM	0	0		0	0		0	0		0	0		0	0	
2:00 PM	0	0		0	0		0	0		0	0		0	0	
2:15 PM	0	0		0	0		0	0		0	0		0	0	

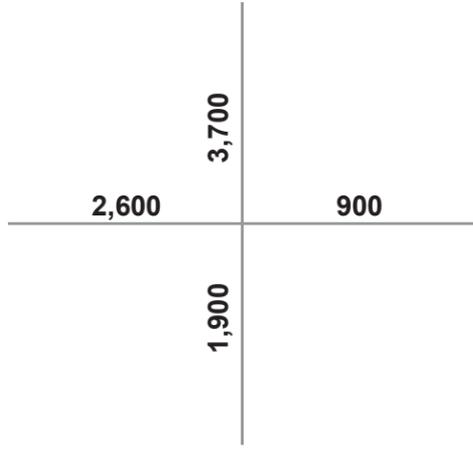


**Study Name Argonne Drive/Jackson Street**  
**Start Date 09/10/2019**  
**Start Time 12:00 AM**  
**Site Code 3383**  
**Project 3383 Argonne Drive Phase I Study**

**Type Crosswalk**  
**Classification Pedestrians**

Start Time	Jackson Street Southbound			Argonne Drive Westbound			Jackson Street Northbound			Argonne Drive Eastbound		
	Peds CW	Peds CCW	Peds Combined	Peds CW	Peds CCW	Peds Combined	Peds CW	Peds CCW	Peds Combined	Peds CW	Peds CCW	Peds Combined
12:00 AM	0	0		0	0		0	0		0	0	
12:15 AM	0	0		0	0		0	0		0	0	
12:30 AM	0	0		0	0		0	0		0	0	
12:45 AM	0	0		0	0		0	0		0	0	
1:00 AM	0	0		0	0		0	0		0	0	
1:15 AM	0	0		0	0		0	0		0	0	
1:30 AM	0	0		0	0		0	0		0	0	
1:45 AM	0	0		0	0		0	0		0	0	
2:00 AM	0	0		0	0		0	0		0	0	
2:15 AM	0	0		0	0		0	0		0	0	
2:30 AM	0	0		0	0		0	0		0	0	
2:45 AM	0	0		0	0		0	0		0	0	
3:00 AM	0	0		0	0		0	0		0	0	
3:15 AM	0	0		0	0		0	0		0	0	
3:30 AM	0	0		0	0		0	0		0	0	
3:45 AM	0	0		0	0		0	0		0	0	
4:00 AM	0	0		0	0		0	0		0	0	
4:15 AM	0	0		0	0		0	0		0	0	
4:30 AM	0	0		0	0		0	0		0	0	
4:45 AM	0	0		0	0		0	0		0	0	
5:00 AM	0	0		0	0		0	0		0	0	
5:15 AM	0	0		0	0		0	0		0	0	
5:30 AM	0	0		0	0		0	0		0	0	
5:45 AM	0	0		0	0		0	0		0	0	
6:00 AM	0	0		0	0		0	0		0	0	
6:15 AM	0	0		0	0		0	0		0	0	
6:30 AM	0	0		0	0		0	0		0	0	
6:45 AM	0	0		0	0		0	0		0	0	
7:00 AM	0	0		0	0		0	0		0	0	
7:15 AM	0	0		1	0		1	0		0	0	
7:30 AM	0	0		0	0		0	0		2	0	
7:45 AM	1	0		0	0		0	0		0	0	
8:00 AM	0	1		0	0		0	1		0	0	
8:15 AM	0	0		0	0		0	0		0	0	
8:30 AM	1	0		0	0		0	0		0	0	
8:45 AM	1	1		1	1		1	1		0	0	
9:00 AM	0	0		0	0		0	0		0	0	
9:15 AM	0	0		0	0		0	0		0	0	
9:30 AM	0	0		0	0		0	0		0	0	
9:45 AM	0	0		0	1		0	0		0	0	
10:00 AM	0	0		0	0		0	0		0	0	
10:15 AM	0	0		0	0		0	0		0	0	
10:30 AM	1	0		0	0		0	0		0	0	
10:45 AM	0	0		2	0		0	0		0	0	
11:00 AM	0	0		0	0		0	0		0	0	
11:15 AM	0	0		0	0		0	0		0	0	
11:30 AM	0	0		0	0		0	0		0	0	
11:45 AM	0	0		0	0		0	0		0	0	
12:00 PM	0	0		0	0		0	0		0	0	
12:15 PM	0	0		0	0		0	0		0	0	
12:30 PM	0	0		0	0		0	0		0	0	
12:45 PM	0	0		0	0		0	0		0	0	
1:00 PM	0	0		0	0		0	0		0	0	
1:15 PM	0	0		0	0		0	0		0	0	
1:30 PM	0	0		0	0		0	0		0	0	
1:45 PM	0	0		0	0		0	0		0	0	
2:00 PM	0	0		0	0		0	0		0	0	

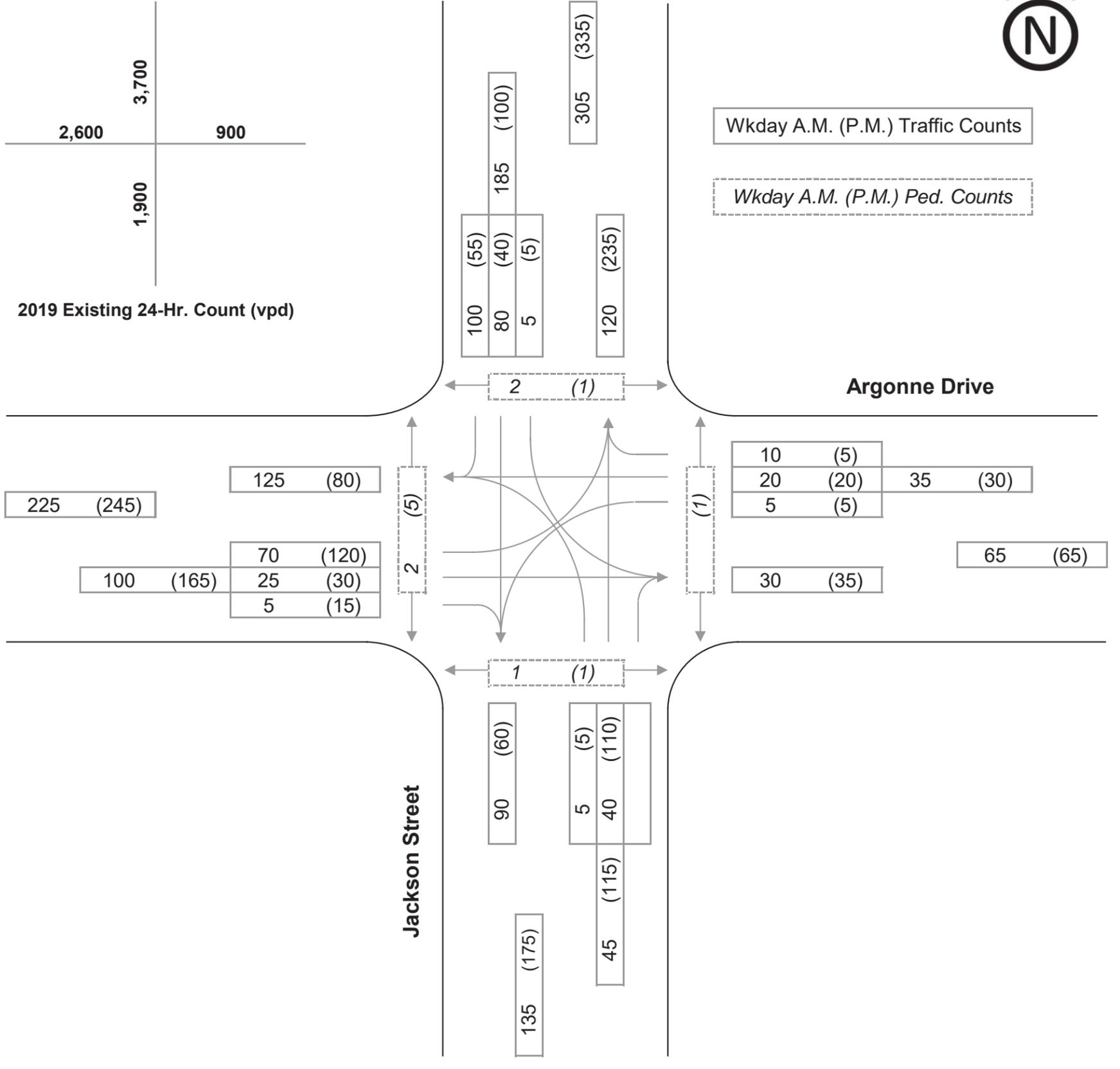




2019 Existing 24-Hr. Count (vpd)

Wkday A.M. (P.M.) Traffic Counts

Wkday A.M. (P.M.) Ped. Counts



**Vehicle Traffic Peak Hours:**  
 7:30 A.M. to 8:30 A.M.  
 4:30 P.M. to 5:30 P.M.

**Count Date(s):**  
 Tuesday, 9/10/2019

City of North Chicago

Argonne Drive Phase I Study

**2019 Existing Peak Hour Traffic**

Argonne Drive and Jackson Street



**Study Name** Argonne Drive/Broadway Avenue/Park Avenue  
**Start Date** 09/10/2019  
**Start Time** 12:00 AM  
**Site Code** 3383  
**Project** 3383 Argonne Drive Phase I Study

**Type Road**  
**Classification Lights**

Start Time	Park Avenue Southbound				Broadway Avenue Southwestbound				Northbound Approach Northbound				Northeastbound Approach Northeastbound				Argonne Drive Eastbound					
	Hard Right	Bear Right	Thru	Hard Left	Hard Right	Bear Right	Thru	Hard Left	Hard Right	Bear Right	Thru	Hard Left	Hard Right	Bear Right	Thru	Hard Left	Hard Right	Bear Right	Thru	Hard Left		
12:00 AM	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	1	0	0	0	
12:15 AM	0	0	0	0	0	0	1	2	0	0	0	0	0	0	2	1	0	0	0	0	1	0
12:30 AM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0
12:45 AM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
1:00 AM	0	0	0	0	0	0	1	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0
1:15 AM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0
2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2:45 AM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
3:15 AM	0	0	0	0	0	0	0	3	0	0	0	0	0	0	1	0	0	0	0	0	0	1
3:30 AM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0
3:45 AM	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0
4:00 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 AM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0
4:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
5:00 AM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
5:15 AM	0	0	0	0	0	0	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1	1
5:30 AM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3	0
5:45 AM	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1
6:00 AM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	2	0
6:15 AM	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	3	0
6:30 AM	0	0	0	0	0	1	2	0	0	0	0	0	0	1	1	1	1	0	0	0	5	1
6:45 AM	0	0	0	0	0	1	0	2	0	0	0	0	0	1	1	0	0	0	0	0	1	1
7:00 AM	0	0	0	0	0	0	1	2	0	0	0	1	0	0	0	1	0	0	0	0	2	0
7:15 AM	0	0	0	0	0	0	1	1	0	0	0	1	1	2	2	1	0	0	0	0	3	1
7:30 AM	0	0	0	0	0	0	1	3	0	0	0	1	0	2	0	0	0	0	0	0	2	1
7:45 AM	0	0	0	0	0	0	3	3	1	0	0	1	1	5	2	0	1	1	0	0	6	2
8:00 AM	0	0	0	0	0	0	7	4	0	0	0	1	0	5	1	1	1	0	0	0	7	2
8:15 AM	0	0	0	0	0	0	4	1	0	0	0	3	0	2	5	0	0	2	0	0	7	1
8:30 AM	0	0	0	0	0	0	3	7	0	0	0	0	0	1	2	0	1	0	0	0	0	1
8:45 AM	0	0	0	0	0	1	3	2	0	0	0	1	0	3	0	0	0	0	0	0	2	1
9:00 AM	0	0	0	0	0	0	5	0	0	0	0	1	0	0	2	0	0	1	0	0	0	0
9:15 AM	0	0	0	0	0	0	4	2	0	0	0	0	0	1	2	0	0	0	0	0	2	0
9:30 AM	0	0	0	0	0	0	4	4	0	1	0	0	1	0	4	1	0	1	1	0	2	1
9:45 AM	0	0	0	0	0	1	4	2	0	0	0	0	0	3	0	0	1	0	0	0	3	1
10:00 AM	0	0	0	0	0	0	3	1	0	0	0	0	0	1	1	0	0	0	0	0	2	3
10:15 AM	0	0	0	1	1	1	1	5	0	0	0	0	0	1	1	0	0	0	0	0	3	0
10:30 AM	0	0	0	0	0	0	4	5	0	0	0	1	0	1	2	4	0	0	0	0	3	1
10:45 AM	0	0	0	0	0	0	1	3	1	1	0	0	1	0	1	1	0	0	0	0	0	2
11:00 AM	0	0	0	0	0	1	1	5	0	0	0	0	0	3	0	0	1	0	0	0	2	0
11:15 AM	0	0	0	0	0	2	3	4	0	0	0	1	0	0	1	0	0	0	0	0	3	1
11:30 AM	0	0	0	0	0	0	6	5	0	1	0	0	0	1	2	2	1	0	0	0	4	0
11:45 AM	0	0	0	0	0	0	5	4	0	0	0	0	0	3	0	1	0	0	0	0	4	3
12:00 PM	0	0	0	0	0	1	2	4	0	0	0	0	0	1	0	0	1	1	0	0	3	3
12:15 PM	0	0	0	0	0	0	2	4	0	0	0	0	0	0	3	1	0	0	0	0	1	2
12:30 PM	0	0	0	0	0	0	3	4	0	0	0	0	1	2	3	0	0	0	0	0	3	4
12:45 PM	0	0	0	0	0	1	2	3	0	0	0	0	0	1	3	0	0	0	0	0	2	2
1:00 PM	0	0	0	0	0	0	3	3	0	0	0	0	0	2	0	1	1	0	0	0	1	1
1:15 PM	0	0	0	0	0	0	3	5	0	0	0	0	1	0	6	0	0	1	0	0	0	1
1:30 PM	0	0	0	0	0	0	1	3	0	0	0	0	0	2	4	0	0	0	0	0	4	3
1:45 PM	0	0	0	0	0	0	4	3	0	0	0	0	0	7	0	0	0	0	0	0	2	2
2:00 PM	0	0	0	0	0	0	3	4	0	0	0	0	0	7	2	1	1	0	0	0	1	0
2:15 PM	0	1	0	0	0	1	1	5	0	0	0	0	1	4	1	0	0	0	0	0	1	2
2:30 PM	0	0	0	0	0	1	5	2	0	0	0	0	0	3	3	0	0	1	0	0	1	1
2:45 PM	0	0	0	0	0	1	5	5	0	0	0	0	1	3	3	1	0	1	0	0	2	1
3:00 PM	0	0	0	0	0	0	2	6	0	1	0	0	0	7	3	2	0	0	0	0	3	3
3:15 PM	0	0	0	0	0	2	4	3	0	0	0	0	1	2	8	0	0	0	0	0	0	1
3:30 PM	0	0	0	0	0	0	10	4	0	0	0	0	0	3	5	1	0	0	0	0	4	3
3:45 PM	0	0	0	0	0	1	4	3	0	0	0	0	0	4	6	1	1	1	0	0	5	5
4:00 PM	0	0	0	0	0	4	2	3	0	0	0	0	0	3	6	0	1	0	0	0	0	1
4:15 PM	0	0	0	0	0	4	5	0	0	0	0	0	0	3	2	2	0	0	0	0	1	1
4:30 PM	0	0	0	0	0	3	0	5	1	0	0	0	0	3	2	0	1	1	0	0	3	5
4:45 PM	0	0	0	0	0	2	6	5	0	0	0	0	0	3	2	0	1	0	0	0	4	2
5:00 PM	0	0	0	0	0	2	7	5	0	0	0	0	1	6	5	0	0	0	0	0	5	4
5:15 PM	0	0	0	0	0	1	3	5	0	0	0	0	0	4	2	0	0	0	0	0	3	2
5:30 PM	0	0	0	0	1	2	6	4	0	0	0	0	0	1	2	2	0	0	0	0	7	1
5:45 PM	0	0	0	0	0	0	4	2	0	0	0	0	0	2	2	1	2	0	0	0	4	3
6:00 PM	0	0	0	0	0	1	5	10	0	0	0	0	0	3	3	3	1	0	0	0	3	1
6:15 PM	0	0	0	0	0	0	5	2	0	0	0	0	1	2	2	0	0	1	0	0	1	3
6:30 PM	0	0	0	0	0	0	5	2	0	0	0	0	0	4	4	0	0	1	0	0	3	7
6:45 PM	0	0	0	0	0	0	2	2	0	0	1	1	0	2	6	1	0	0	0	0	5	1

7:00 PM			0	0	0			0	1			3	3	0					0	0		0	0	1			3	1		0	0	0			3	4
7:15 PM			0	0	0			0	0			2	3	0					0	0	1	0	2			2	2		0	0	1			4	2	
7:30 PM			0	0	0			0	0			4	4	2					1	0		0	0	0			2	1		0	0	0			1	3
7:45 PM			0	0	0			0	1			4	4	1					0	0		0	0	0			1	2		2	0	1			2	1
8:00 PM			0	0	0			0	0			1	5	0					0	0		1	0	0			2	2		0	0	1			3	1
8:15 PM			0	0	0			0	0			4	6	0					0	0		0	0	0			1	2		0	0	1			4	2
8:30 PM			0	0	0			0	0			2	6	1					1	0		0	0	0			3	1		1	0	0			8	3
8:45 PM			0	0	0			0	0			2	1	0					0	0		0	1	0			1	1		0	0	0			5	0
9:00 PM			0	0	0			0	0			1	4	0					0	0		0	0	1			3	1		1	1	0			3	1
9:15 PM			0	0	0			0	0			5	3	0					1	0		0	1	0			2	3		0	1	0			1	3
9:30 PM			0	0	0			0	0			1	0	0					1	0		0	0	0			1	1		0	0	0			3	1
9:45 PM			0	0	0			0	0			0	3	0					0	0		0	0	0			3	0		1	0	0			3	1
10:00 PM			0	0	0			0	0			1	2	0					0	0		0	0	0			3	2		0	0	0			3	2
10:15 PM			0	0	0			0	0			0	2	0					0	0		1	0	0			0	1		1	1	0			1	1
10:30 PM			0	0	0			0	0			0	0	0					0	0		0	0	0			2	0		0	1	0			2	2
10:45 PM			0	0	0			0	0			0	0	0					0	0		0	0	0			2	1		0	0	0			2	0
11:00 PM			0	0	0			0	0			3	2	0					0	0		0	0	0			0	0		0	0	0			0	0
11:15 PM			0	0	0			0	0			0	0	0					0	0		0	0	0			0	2		0	0	0			0	1
11:30 PM			0	0	0			0	0			1	0	0					0	0		0	0	1			2	0		0	0	0			0	1
11:45 PM			0	0	0			0	0			1	1	0					0	0		0	0	0			1	2		0	0	0			0	0









**Study Name** Argonne Drive/Broadway Avenue/Park Avenue  
**Start Date** 09/10/2019  
**Start Time** 12:00 AM  
**Site Code** 3383  
**Project** 3383 Argonne Drive Phase I Study

**Type** Crosswalk  
**Classification** Bicycles on Crosswalk

Start Time	Park Avenue Southbound			Broadway Avenue Southwestbound			Northbound Approach Northbound			Northeastbound Approach Northeastbound			Argonne Drive Eastbound		
	Peds CW	Peds CCW	Peds Combined	Peds CW	Peds CCW	Peds Combined	Peds CW	Peds CCW	Peds Combined	Peds CW	Peds CCW	Peds Combined	Peds CW	Peds CCW	Peds Combined
12:00 AM	0	0		0	0		0	0		0	0		0	0	
12:15 AM	0	0		0	0		0	0		0	0		0	0	
12:30 AM	0	0		0	0		0	0		0	0		0	0	
12:45 AM	0	0		0	0		0	0		0	0		0	0	
1:00 AM	0	0		0	0		0	0		0	0		0	0	
1:15 AM	0	0		0	0		0	0		0	0		0	0	
1:30 AM	0	0		0	0		0	0		0	0		0	0	
1:45 AM	0	0		0	0		0	0		0	0		0	0	
2:00 AM	0	0		0	0		0	0		0	0		0	0	
2:15 AM	0	0		0	0		0	0		0	0		0	0	
2:30 AM	0	0		0	0		0	0		0	0		0	0	
2:45 AM	0	0		0	0		0	0		0	0		0	0	
3:00 AM	0	0		0	0		0	0		0	0		0	0	
3:15 AM	0	0		0	0		0	0		0	0		0	0	
3:30 AM	0	0		0	0		0	0		0	0		0	0	
3:45 AM	0	0		0	0		0	0		0	0		0	0	
4:00 AM	0	0		0	0		0	0		0	0		0	0	
4:15 AM	0	0		0	0		0	0		0	0		0	0	
4:30 AM	0	0		0	0		0	0		0	0		0	0	
4:45 AM	0	0		0	0		0	0		0	0		0	0	
5:00 AM	0	0		0	0		0	0		0	0		0	0	
5:15 AM	0	0		0	0		0	0		0	0		0	0	
5:30 AM	0	0		0	0		0	0		0	0		0	0	
5:45 AM	0	0		0	0		0	0		0	0		0	0	
6:00 AM	0	0		0	0		0	0		0	0		0	0	
6:15 AM	0	0		0	0		0	0		0	0		0	0	
6:30 AM	0	0		0	0		0	0		0	0		0	0	
6:45 AM	0	0		0	0		0	0		0	0		0	0	
7:00 AM	0	0		0	0		0	0		0	0		0	0	
7:15 AM	0	0		0	0		0	0		0	0		0	0	
7:30 AM	0	0		0	0		0	0		0	0		0	0	
7:45 AM	0	0		0	0		0	0		0	0		0	0	
8:00 AM	0	0		0	0		0	0		0	0		0	0	
8:15 AM	0	0		0	0		0	0		0	0		0	0	
8:30 AM	0	0		0	0		0	0		0	0		0	0	
8:45 AM	0	0		0	0		0	0		0	0		0	0	
9:00 AM	0	0		0	0		0	0		0	0		0	0	
9:15 AM	0	0		0	0		0	0		0	0		0	0	
9:30 AM	0	0		0	0		0	0		0	0		0	0	
9:45 AM	0	0		0	0		0	0		0	0		0	0	
10:00 AM	0	0		0	0		0	0		0	0		0	0	
10:15 AM	0	0		0	0		0	0		0	0		0	0	
10:30 AM	0	0		0	0		0	0		0	0		0	0	
10:45 AM	0	0		0	0		0	0		0	0		0	0	
11:00 AM	0	0		0	0		0	0		0	0		0	0	
11:15 AM	0	0		0	0		0	0		0	0		0	0	
11:30 AM	0	0		0	0		0	0		0	0		0	0	
11:45 AM	0	0		0	0		0	0		0	0		0	0	
12:00 PM	0	0		0	0		0	0		0	0		0	0	
12:15 PM	0	0		0	0		0	0		0	0		0	0	
12:30 PM	0	0		0	0		0	0		0	0		0	0	
12:45 PM	0	0		0	0		0	0		0	0		0	0	
1:00 PM	0	0		0	0		0	0		0	0		0	0	
1:15 PM	0	0		0	0		0	0		0	0		0	0	
1:30 PM	0	0		0	0		0	0		0	0		0	0	
1:45 PM	0	0		0	0		0	0		0	0		0	0	
2:00 PM	0	0		0	0		0	0		0	0		0	0	
2:15 PM	0	0		0	0		0	0		0	0		0	0	

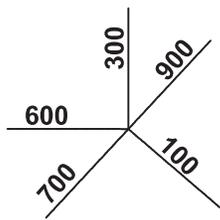


**Study Name** Argonne Drive/Broadway Avenue/Park Avenue  
**Start Date** 09/10/2019  
**Start Time** 12:00 AM  
**Site Code** 3383  
**Project** 3383 Argonne Drive Phase I Study

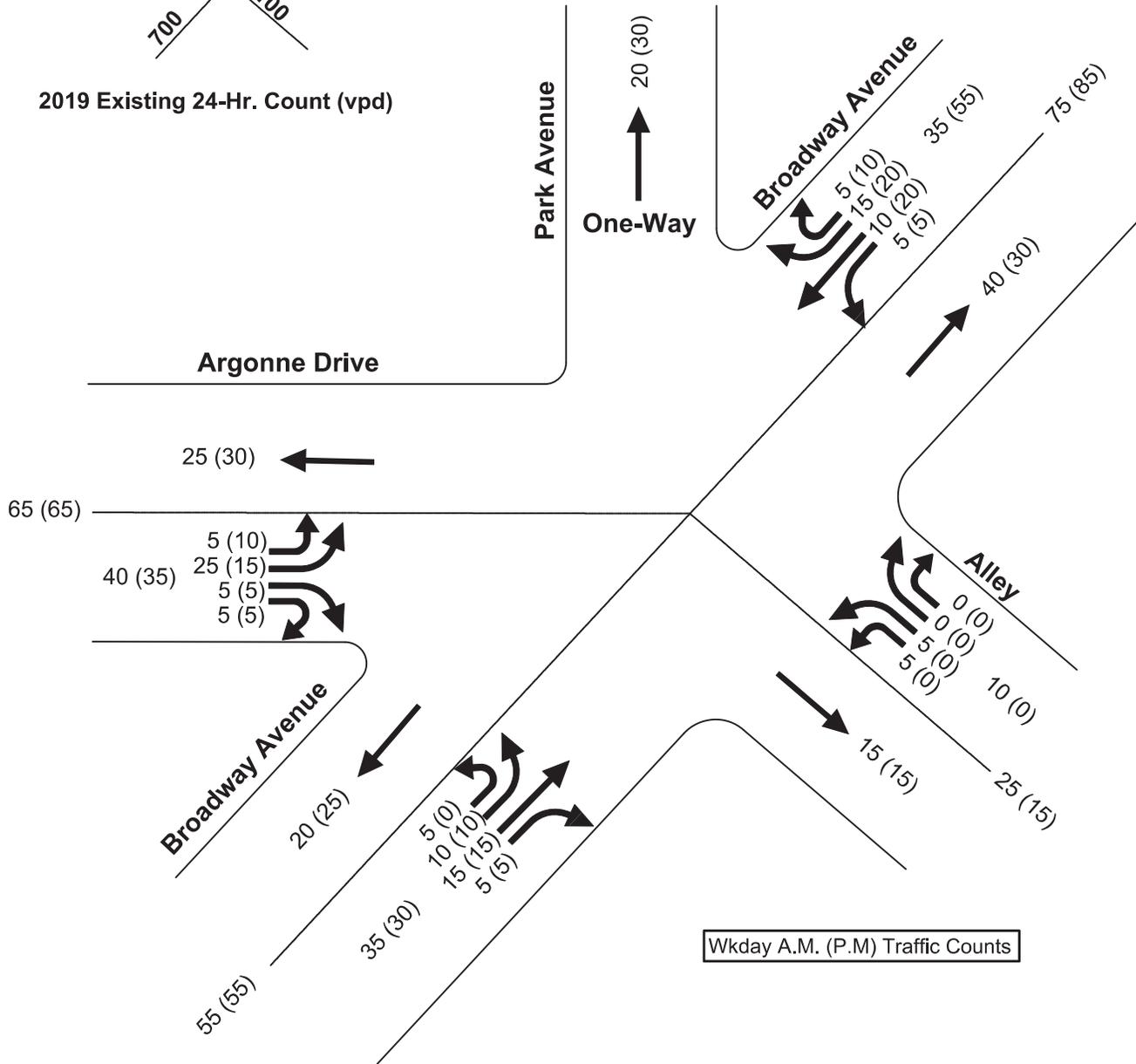
**Type Crosswalk**  
**Classification** Pedestrians

Start Time	Park Avenue Southbound			Broadway Avenue Southwestbound			Northbound Approach Northbound			Northeastbound Approach Northeastbound			Argonne Drive Eastbound		
	Peds CW	Peds CCW	Peds Combined	Peds CW	Peds CCW	Peds Combined	Peds CW	Peds CCW	Peds Combined	Peds CW	Peds CCW	Peds Combined	Peds CW	Peds CCW	Peds Combined
12:00 AM	0	0		0	0		0	0		0	0		0	0	
12:15 AM	0	0		0	0		0	0		0	0		0	0	
12:30 AM	0	0		0	0		0	0		0	0		0	0	
12:45 AM	0	0		0	0		0	0		0	0		0	0	
1:00 AM	0	0		0	0		0	0		0	0		0	0	
1:15 AM	0	0		0	0		0	0		0	0		0	0	
1:30 AM	0	0		0	0		0	0		0	0		0	0	
1:45 AM	0	0		0	0		0	0		0	0		0	0	
2:00 AM	0	0		0	0		0	0		0	0		0	0	
2:15 AM	0	0		0	0		0	0		0	0		0	0	
2:30 AM	0	0		0	0		0	0		0	0		0	0	
2:45 AM	0	0		0	0		0	0		0	0		0	0	
3:00 AM	0	0		0	0		0	0		0	0		0	0	
3:15 AM	0	0		0	0		0	0		0	0		0	0	
3:30 AM	0	0		0	0		0	0		0	0		0	0	
3:45 AM	0	0		0	0		0	0		0	0		0	0	
4:00 AM	0	0		0	0		0	0		0	0		0	0	
4:15 AM	0	0		0	0		0	0		0	0		0	0	
4:30 AM	0	0		0	0		0	0		0	0		0	0	
4:45 AM	0	0		0	0		0	0		0	0		0	0	
5:00 AM	0	0		0	0		0	0		0	0		0	0	
5:15 AM	0	0		0	0		0	0		0	0		0	0	
5:30 AM	0	0		0	0		0	0		0	0		0	0	
5:45 AM	0	0		0	0		0	0		0	0		0	0	
6:00 AM	0	0		0	0		0	0		0	0		0	0	
6:15 AM	0	0		0	0		0	0		0	0		0	0	
6:30 AM	0	0		0	0		0	0		0	0		0	0	
6:45 AM	0	0		0	0		0	0		0	0		0	0	
7:00 AM	0	0		0	0		1	1		0	0		0	0	
7:15 AM	0	0		0	0		0	0		0	0		0	0	
7:30 AM	0	0		0	1		0	1		0	0		0	0	
7:45 AM	0	0		0	0		0	0		0	0		1	0	
8:00 AM	1	0		0	0		0	0		0	0		1	0	
8:15 AM	0	0		1	0		0	0		0	0		0	0	
8:30 AM	0	0		0	1		0	0		0	0		0	0	
8:45 AM	0	0		0	0		0	0		0	0		0	0	
9:00 AM	0	0		0	0		0	0		0	0		0	0	
9:15 AM	0	0		0	0		0	0		0	0		0	1	
9:30 AM	0	0		1	0		0	0		0	0		0	0	
9:45 AM	0	0		0	0		0	0		1	1		0	0	
10:00 AM	0	0		0	0		0	0		0	0		0	0	
10:15 AM	0	0		0	0		0	0		0	0		0	0	
10:30 AM	1	0		0	0		0	0		0	0		0	0	
10:45 AM	0	0		0	0		0	0		0	0		0	0	
11:00 AM	2	0		0	0		1	2		0	0		0	0	
11:15 AM	0	0		0	0		0	0		0	0		0	0	
11:30 AM	0	0		0	0		0	0		0	0		0	0	
11:45 AM	0	0		0	0		0	0		0	0		0	0	
12:00 PM	0	0		0	0		0	0		0	0		0	0	
12:15 PM	0	0		0	0		0	0		0	0		0	0	
12:30 PM	0	0		1	0		2	0		0	0		0	0	
12:45 PM	0	0		0	0		0	0		0	0		0	0	
1:00 PM	0	0		0	0		0	0		0	0		0	0	
1:15 PM	0	0		1	1		0	0		0	0		0	0	
1:30 PM	0	0		0	0		0	0		0	0		0	0	
1:45 PM	0	0		0	0		0	0		0	0		0	0	
2:00 PM	0	0		0	0		0	0		0	0		0	0	
2:15 PM	0	0		0	0		0	0		0	0		0	0	





2019 Existing 24-Hr. Count (vpd)



**Vehicle Traffic Peak Hours:**

7:30 A.M to 8:30 A.M.  
4:30 A.M. to 5:30 P.M.

**Count Date(s):**

Tuesday, 9/10/2019

City of North Chicago

Argonne Drive Phase I Study

**2019 Peak Hour Traffic**

Argonne Drive and Broadway Avenue





# LAKE COUNTY COUNCIL OF MAYORS

**RESOLUTION 110719LCC-02  
A RESOLUTION REQUESTING THE RECLASSIFICATION OF  
WASHINGTON STREET BETWEEN  
ILLINOIS ROUTE 59 AND ROLLINS ROAD  
TO A MINOR COLLECTOR**

WHEREAS, the Chicago Metropolitan Agency for Planning (CMAP) and the Policy Committee as the Metropolitan Planning Organization for Northeastern Illinois has designated the CMAP Council of Mayors to program Surface Transportation Program (STP) funds; and

WHEREAS, the Lake County Council of Mayors is one of eleven sub-regional councils which was established to locally program STP funds; and

WHEREAS, the Lake County Council of Mayors has reviewed the system of collectors and arterials eligible and found that a certain change is desirable to reflect certain changes in traffic and development patterns in Lake County;

NOW, THEREFORE, BE IT RESOLVED that the Lake County Council of Mayors requests the reclassification of the following described local road to the classification of minor collector:

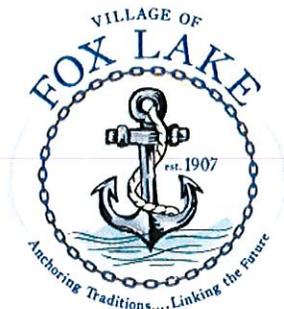
Washington Street between Illinois Route 59 and Rollins Road in the Village of Fox Lake.

BE IT FURTHER RESOLVED that copies of this resolution will be forwarded to the Chicago Metropolitan Agency for Planning, the Lake County Engineer and the Illinois Department of Transportation Region 1/District 1 Engineer.

APPROVED AND ADOPTED this 7<sup>th</sup> day of November, A.D. 2019.

---

Leon Rockingham, Jr., Chairman  
Lake County Council of Mayors  
and  
Mayor, City of North Chicago



October 11, 2019

Lake County Council of Mayors  
Attn: Emily Karry  
600 Winchester Road  
Libertyville, IL 60048

Re: Function Classification Revision Applications  
Village of Fox Lake

Dear Ms. Karry:

The Village has been working with our consultant Thomas Engineering Group on the Functional Classification Revision Request. We are requesting the review of four routes noted below:

<b>Route</b>	<b>Termini</b>	<b>Requested Classification</b>
Washington St	IL Route 59 to Rollins Road	Minor Collector
Frontage Road (1)	Big Hollow Road to Kings Rd	Major Collector
Frontage Road (2)	Sayton Road to IL Route 59	Minor Collector
Frontage Road (3)	IL Route 134 to IL Route 59	Minor Collector

These routes function as collector routes and serve a link between the arterial systems. The routes provide circulation around Illinois Route 59 and US Route 12 as well as a link between State and County thoroughfares. We appreciate your assistance and respectfully request that you prepare a resolution supporting the classification change for action at the next Council meeting.

Sincerely,

Donny Schmit  
Mayor

October 11, 2019

Lake County Council of Mayors  
c/o Lake County Division of Transportation  
600 W Winchester Road, Libertyville, Illinois 60048

762 shoreline drive  
suite 200  
aurora, illinois 60504

Attention: Emily Karry, P.E.  
Mike Klemens

RE: Village of Fox Lake Functional Classification Revision Requests

Dear Council Liaisons:

On behalf of the Village of Fox Lake, Thomas Engineering Group, LLC (TEG) submits herewith four (4) functional classification revision requests. Provided herewith, please find the Functional Classification Revision Request, Functional Class Map, and traffic count data for the requested revisions.

The Village hereby requests review of each request and a resolution from the Council of Mayors approving the requests which qualify for a change in classification for the following routes:

- |                      |                               |                          |
|----------------------|-------------------------------|--------------------------|
| 1. Washington Street | IL Route 59 to Rollins Road   | Local to Minor Collector |
| 2. Frontage Road (1) | Big Hollow Road to Kings Road | Local to Major Collector |
| 3. Frontage Road (2) | Sayton Road to IL Route 59    | Local to Minor Collector |
| 4. Frontage Road (3) | IL Route 134 to IL Route 59   | Local to Minor Collector |

Please consider the above referenced submittal, providing comment accordingly. Should you have any questions or need additional information, please feel free to contact me at (847) 815-9500 or [kevinv@thomas-engineering.com](mailto:kevinv@thomas-engineering.com).

Respectfully submitted,  
Thomas Engineering Group, LLC on behalf of the Village of Fox Lake



Kevin C. VanDeWoestyne, P.E., ENV SP

Enclosures

cc/email: Anne Marrin, Village Administrator, Village of Fox Lake  
Kealan Noonan, Director of Public Works, Village of Fox Lake



**Functional Classification Revision Request**

**Washington Street**

**IL Route 59 to Rollins Road**

**Local to Minor Collector**

# Appendix A

## Functional Classification Revision Request Template

1. Name(s) of proposed roadway to be reclassified:
  - Washington Street
  
2. Name of agency requesting revision (roadway jurisdiction):  
*(An agency should not request reclassification of a roadway that is not under its own jurisdiction without the support of the maintaining jurisdiction. For a township-maintained street within a municipality, the township should agree to the change prior to Council of Mayors consideration.)*
  - Village of Fox Lake
  
3. Contact information (name, title, address, phone and email):
  - Kealan Noonan, Director of Public Works,  
Village of Fox Lake  
66 Thillen Drive  
Fox lake, IL 60020  
(847) 587-3974  
[noonank@foxlake.org](mailto:noonank@foxlake.org)
  
4. Council(s) of Mayors:
  - Lake County Council of Mayors
  
5. County(ies) containing roadway proposed to be reclassified:
  - Lake County
  
6. Township(s) containing roadway proposed to be reclassified:
  - Grant Township
  
7. Additional roadway jurisdiction(s), if any, containing the roadway proposed to be reclassified:
  
  
8. Current functional classification for this roadway, as classified by IDOT:
  - Local Road or Street



9. Proposed functional classification for this roadway:

- Minor Collector

10. The IDOT [key route designation](#) number for this roadway:

*(This number is available on the IDOT [Getting Around Illinois](#) website. The key route designation number is the Key Route Type, a hyphen, and the Key Route Number from the map.)*

- 0-0400

11. Endpoints of proposed roadway to be reclassified

- North or West endpoint:

- IL Route 59

- North or West endpoint road's functional classification:

- Principal Arterial

- South or East endpoint:

- Rollins Road

- South or East endpoint road's functional classification:

- Minor Arterial

12. Length of proposed roadway to be reclassified:

- 3516 ft. (0.6 mi)

13. Current Average Annual Daily Traffic (AADT):

- 2086 AADT, HI-STAR

- Begin: 08/28/2019 10:30 AM      End: 08/29/2019 10:30 AM

*(Provide AADT by segment if the AADT is not consistent along the entire route. Indicate the source and year of the AADT. Some AADT values are available on the IDOT [Getting Around Illinois](#) website. If the AADT is not from a published source, supply raw field data and provide the date(s), the day(s) of week, the hours of collection, and the type of equipment used to collect the traffic data. HI-STAR or equivalent technology is preferred.)*



14. Spacing:

- Provide the name of and distance to the next adjacent roadway (to the north or east) with the same classification as the subject road's proposed functional classification:
  - No adjacent roadway in Fox Lake with same classification as proposed.
  
- Provide the name of and distance to the next adjacent roadway (to the south or west) with the same classification as the subject road's proposed functional classification:
  - Elm Road, spacing is approximately 2556 ft. (0.5 mi) west from IL Route 59 and Washington Street intersection

15. Indicate whether the proposed revision also requires a change (downgrade) to the functional classification of any adjacent roadways to accommodate the spacing requirements for this proposed functional classification revision:

*(Provide key route designation number and endpoints as well as road name and proposed change.)*

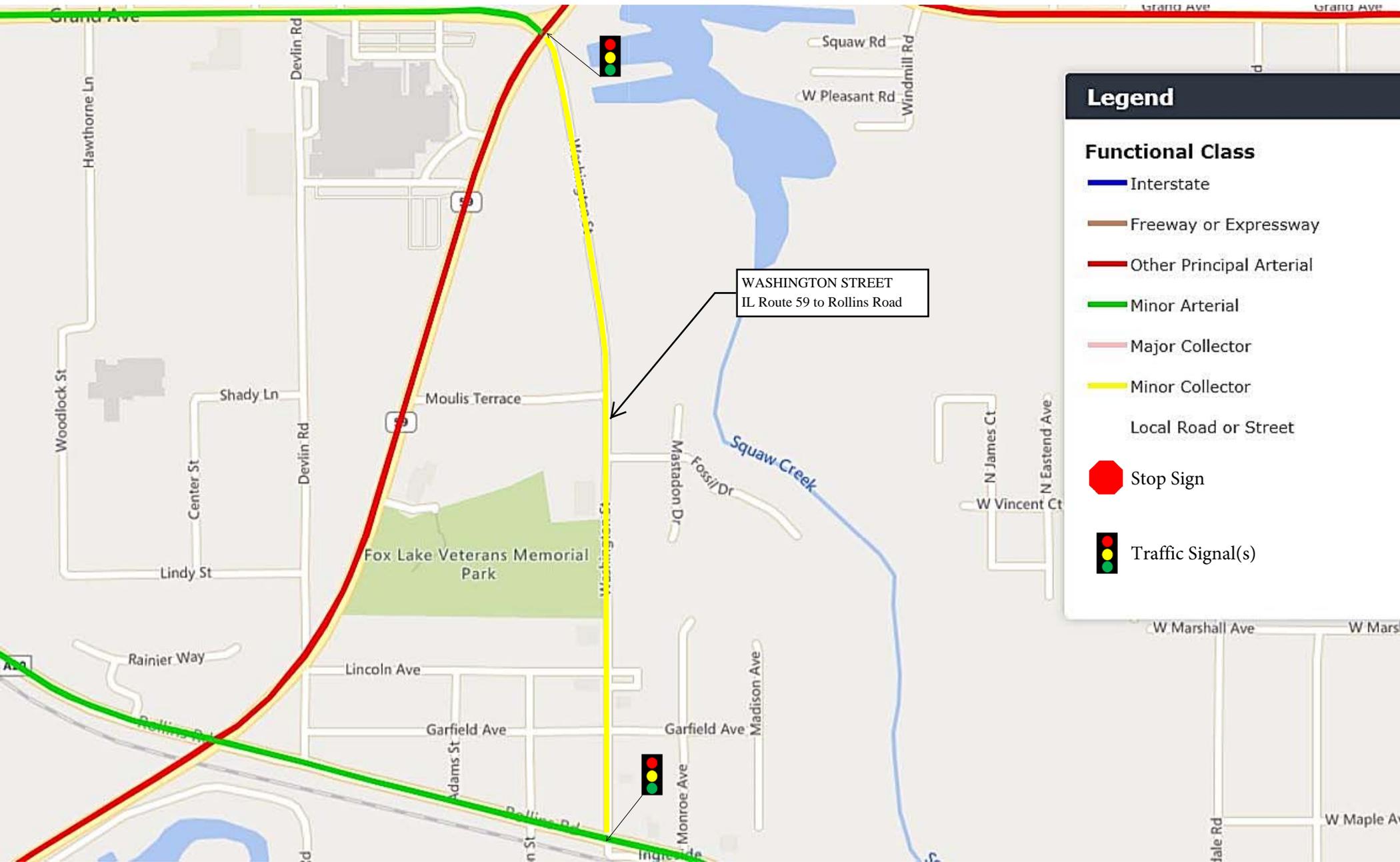
16. Access Management:

- How does the municipality or other jurisdiction plan to manage access along the road? Examples would be an access management ordinance, subdivision ordinance, or planned development ordinance.
  
- How many driveways now exist along the right-of-way?
  - 25 driveways
  
- Are left-turns controlled by raised or barrier-protected medians?
  - There are no raised or barrier-protected medians used



17. Provide current and planned Traffic Signalization along proposed route:  
*(Mark locations on the map with a rectangle with three circles inside it, or similar; use the same symbol and write "future" by planned signals.)*
18. Provide current and planned Stop Sign Control on proposed route and on the cross-streets:  
*(Mark locations on the map with an octagon or similar; use the same symbols and write "future" by planned signs.)*
19. Major Traffic Generators along the proposed reclassified route:
- Traffic Generators include both commercial and residential areas. Commercial locations are Munson Marine and Ingleside Metra Station. Other traffic generators include Grant Hall Museum, Fox Lake Fire Department, and Maravela's Catering & Banquets
20. Justification for the proposed revision based on definitions, characteristics and spacing guidance provided:
- Washington Street provides access to both residential and commercial/ industrial areas. Furthermore, businesses such as Munson Marine cause for heavy commercial traffic. Washington Street provided connection between Illinois Route 59 (Principal Arterial) and Rollins Road (Minor Arterial).
- ("To establish federal funding eligibility" is NOT a justification.)*
21. Provide any additional (optional) information or justification:
22. Attach Support Resolutions & Letters:
1. Local Council(s) of Mayors resolution(s) of support (required)
  2. Affected neighboring jurisdictions' letters of support (required)
  3. Requesting municipality's resolution of request (optional)





WASHINGTON STREET  
IL Route 59 to Rollins Road

### Legend

**Functional Class**

- Interstate
- Freeway or Expressway
- Other Principal Arterial
- Minor Arterial
- Major Collector
- Minor Collector
- Local Road or Street

Stop Sign

Traffic Signal(s)

## Date/Time/Volume/Average Speed/Temperature Report

**Device ID:** 405195  
**Operator:**  
**Begin:** 08/28/2019 10:30 AM  
**End:** 08/29/2019 10:30 AM  
**Hours:** 24.00  
**Period (min):** 15

**Location:** IL 59 to rollins  
**Lane:** N  
**Street:** Washington  
**City:** Fox Lake  
**County:**  
**State:** IL

**Raw Count:** 1,110  
**AADT Count:** 1,110  
**AADT Factor:** 1  
**Speed Limit:** 30

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface
Wed,08/28/2019				
[10:30 AM-10:45 AM]	17	32 MPH	73 F	---
[10:45 AM-11:00 AM]	13	31 MPH	73 F	---
[11:00 AM-11:15 AM]	13	31 MPH	73 F	---
[11:15 AM-11:30 AM]	12	33 MPH	79 F	---
[11:30 AM-11:45 AM]	13	29 MPH	82 F	---
[11:45 AM-12:00 PM]	19	29 MPH	88 F	---
[12:00 PM-12:15 PM]	16	28 MPH	86 F	---
[12:15 PM-12:30 PM]	14	33 MPH	82 F	---
[12:30 PM-12:45 PM]	12	33 MPH	82 F	---
[12:45 PM-01:00 PM]	13	31 MPH	91 F	---
[01:00 PM-01:15 PM]	18	32 MPH	95 F	---
[01:15 PM-01:30 PM]	12	36 MPH	100 F	---
[01:30 PM-01:45 PM]	12	34 MPH	104 F	---
[01:45 PM-02:00 PM]	14	31 MPH	108 F	---
[02:00 PM-02:15 PM]	14	29 MPH	108 F	---
[02:15 PM-02:30 PM]	9	30 MPH	109 F	---
[02:30 PM-02:45 PM]	14	32 MPH	109 F	---
[02:45 PM-03:00 PM]	24	34 MPH	109 F	---
[03:00 PM-03:15 PM]	24	32 MPH	108 F	---
[03:15 PM-03:30 PM]	15	33 MPH	106 F	---
[03:30 PM-03:45 PM]	13	34 MPH	108 F	---
[03:45 PM-04:00 PM]	24	32 MPH	106 F	---
[04:00 PM-04:15 PM]	23	32 MPH	106 F	---
[04:15 PM-04:30 PM]	22	30 MPH	106 F	---
[04:30 PM-04:45 PM]	22	31 MPH	102 F	---
[04:45 PM-05:00 PM]	23	33 MPH	95 F	---
[05:00 PM-05:15 PM]	28	33 MPH	97 F	---
[05:15 PM-05:30 PM]	36	33 MPH	97 F	---
[05:30 PM-05:45 PM]	36	34 MPH	91 F	---
[05:45 PM-06:00 PM]	46	33 MPH	90 F	---
[06:00 PM-06:15 PM]	19	33 MPH	86 F	---
[06:15 PM-06:30 PM]	18	37 MPH	84 F	---
[06:30 PM-06:45 PM]	10	32 MPH	82 F	---
[06:45 PM-07:00 PM]	9	34 MPH	82 F	---
[07:00 PM-07:15 PM]	16	32 MPH	81 F	---
[07:15 PM-07:30 PM]	8	31 MPH	79 F	---
[07:30 PM-07:45 PM]	6	26 MPH	79 F	---
[07:45 PM-08:00 PM]	7	30 MPH	77 F	---
[08:00 PM-08:15 PM]	12	31 MPH	77 F	---
[08:15 PM-08:30 PM]	10	27 MPH	75 F	---
[08:30 PM-08:45 PM]	12	27 MPH	75 F	---
[08:45 PM-09:00 PM]	3	22 MPH	75 F	---
[09:00 PM-09:15 PM]	4	39 MPH	73 F	---
[09:15 PM-09:30 PM]	2	40 MPH	73 F	---
Wed,08/28/2019				
[09:30 PM-09:45 PM]	7	30 MPH	73 F	---
[09:45 PM-10:00 PM]	1	32 MPH	72 F	---
[10:00 PM-10:15 PM]	3	27 MPH	72 F	---
[10:15 PM-10:30 PM]	2	35 MPH	72 F	---
[10:30 PM-10:45 PM]	4	36 MPH	72 F	---
[10:45 PM-11:00 PM]	0	0 MPH	70 F	---
[11:00 PM-11:15 PM]	2	25 MPH	70 F	---
[11:15 PM-11:30 PM]	1	28 MPH	70 F	---
[11:30 PM-11:45 PM]	1	32 MPH	70 F	---
[11:45 PM-12:00 AM]	1	38 MPH	70 F	---
Wed,08/28/2019	729	32 MPH	87 F	
Thu,08/29/2019				

[12:00 AM-12:15 AM]	4	33 MPH	68 F	---
[12:15 AM-12:30 AM]	1	32 MPH	68 F	---
[12:30 AM-12:45 AM]	2	33 MPH	68 F	---
[12:45 AM-01:00 AM]	0	0 MPH	68 F	---
[01:00 AM-01:15 AM]	0	0 MPH	68 F	---
[01:15 AM-01:30 AM]	0	0 MPH	68 F	---
[01:30 AM-01:45 AM]	1	28 MPH	68 F	---
[01:45 AM-02:00 AM]	3	45 MPH	68 F	---
[02:00 AM-02:15 AM]	0	0 MPH	68 F	---
[02:15 AM-02:30 AM]	1	32 MPH	66 F	---
[02:30 AM-02:45 AM]	1	42 MPH	66 F	---
[02:45 AM-03:00 AM]	0	0 MPH	66 F	---
[03:00 AM-03:15 AM]	3	36 MPH	66 F	---
[03:15 AM-03:30 AM]	0	0 MPH	66 F	---
[03:30 AM-03:45 AM]	1	38 MPH	64 F	---
[03:45 AM-04:00 AM]	2	30 MPH	64 F	---
[04:00 AM-04:15 AM]	0	0 MPH	64 F	---
[04:15 AM-04:30 AM]	0	0 MPH	64 F	---
[04:30 AM-04:45 AM]	1	28 MPH	64 F	---
[04:45 AM-05:00 AM]	2	30 MPH	64 F	---
[05:00 AM-05:15 AM]	0	0 MPH	64 F	---
[05:15 AM-05:30 AM]	2	33 MPH	64 F	---
[05:30 AM-05:45 AM]	5	30 MPH	64 F	---
[05:45 AM-06:00 AM]	2	30 MPH	64 F	---
[06:00 AM-06:15 AM]	6	32 MPH	63 F	---
[06:15 AM-06:30 AM]	8	30 MPH	63 F	---
[06:30 AM-06:45 AM]	10	33 MPH	64 F	---
[06:45 AM-07:00 AM]	20	31 MPH	64 F	---
[07:00 AM-07:15 AM]	48	33 MPH	64 F	---
[07:15 AM-07:30 AM]	93	33 MPH	64 F	---
[07:30 AM-07:45 AM]	32	38 MPH	64 F	---
[07:45 AM-08:00 AM]	14	32 MPH	66 F	---
Thu,08/29/2019				
[08:00 AM-08:15 AM]	8	31 MPH	66 F	---
[08:15 AM-08:30 AM]	16	31 MPH	66 F	---
[08:30 AM-08:45 AM]	10	30 MPH	68 F	---
[08:45 AM-09:00 AM]	14	31 MPH	70 F	---
[09:00 AM-09:15 AM]	11	29 MPH	70 F	---
[09:15 AM-09:30 AM]	8	38 MPH	70 F	---
[09:30 AM-09:45 AM]	6	36 MPH	70 F	---
[09:45 AM-10:00 AM]	14	28 MPH	72 F	---
[10:00 AM-10:15 AM]	16	33 MPH	73 F	---
[10:15 AM-10:30 AM]	16	30 MPH	79 F	---
Thu,08/29/2019	381	33 MPH	67 F	
08/28/2019 10:30 AM				
08/29/2019 10:30 AM	1110	32 MPH	78 F	

## Date/Time/Volume/Average Speed/Temperature Report

**Device ID:** 405196  
**Operator:**  
**Begin:** 08/28/2019 10:30 AM  
**End:** 08/29/2019 10:30 AM  
**Hours:** 24.00  
**Period (min):** 15

**Location:** IL 59 to rollins  
**Lane:** S  
**Street:** Washington  
**City:** Fox Lake  
**County:**  
**State:** IL

**Raw Count:** 976  
**AADT Count:** 976  
**AADT Factor:** 1  
**Speed Limit:** 30

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Wed,08/28/2019				
[10:30 AM-10:45 AM]	10	27 MPH	72 F	---
[10:45 AM-11:00 AM]	9	30 MPH	81 F	---
[11:00 AM-11:15 AM]	13	27 MPH	91 F	---
[11:15 AM-11:30 AM]	17	28 MPH	90 F	---
[11:30 AM-11:45 AM]	13	26 MPH	84 F	---
[11:45 AM-12:00 PM]	13	30 MPH	82 F	---
[12:00 PM-12:15 PM]	14	27 MPH	88 F	---
[12:15 PM-12:30 PM]	15	27 MPH	95 F	---
[12:30 PM-12:45 PM]	13	31 MPH	102 F	---
[12:45 PM-01:00 PM]	8	32 MPH	106 F	---
[01:00 PM-01:15 PM]	11	26 MPH	104 F	---
[01:15 PM-01:30 PM]	9	33 MPH	108 F	---
[01:30 PM-01:45 PM]	11	30 MPH	111 F	---
[01:45 PM-02:00 PM]	13	31 MPH	111 F	---
[02:00 PM-02:15 PM]	14	29 MPH	113 F	---
[02:15 PM-02:30 PM]	11	34 MPH	113 F	---
[02:30 PM-02:45 PM]	8	29 MPH	115 F	---
[02:45 PM-03:00 PM]	15	32 MPH	113 F	---
[03:00 PM-03:15 PM]	19	30 MPH	111 F	---
[03:15 PM-03:30 PM]	48	33 MPH	108 F	---
[03:30 PM-03:45 PM]	11	34 MPH	109 F	---
[03:45 PM-04:00 PM]	21	33 MPH	109 F	---
[04:00 PM-04:15 PM]	22	30 MPH	108 F	---
[04:15 PM-04:30 PM]	9	31 MPH	100 F	---
[04:30 PM-04:45 PM]	15	32 MPH	93 F	---
[04:45 PM-05:00 PM]	17	31 MPH	97 F	---
[05:00 PM-05:15 PM]	24	31 MPH	97 F	---
[05:15 PM-05:30 PM]	20	31 MPH	91 F	---
[05:30 PM-05:45 PM]	35	31 MPH	88 F	---
[05:45 PM-06:00 PM]	26	31 MPH	86 F	---
[06:00 PM-06:15 PM]	20	30 MPH	84 F	---
[06:15 PM-06:30 PM]	12	33 MPH	82 F	---
[06:30 PM-06:45 PM]	15	32 MPH	82 F	---
[06:45 PM-07:00 PM]	14	33 MPH	81 F	---
[07:00 PM-07:15 PM]	12	26 MPH	79 F	---
[07:15 PM-07:30 PM]	10	35 MPH	79 F	---
[07:30 PM-07:45 PM]	20	28 MPH	77 F	---
[07:45 PM-08:00 PM]	8	28 MPH	77 F	---
[08:00 PM-08:15 PM]	9	25 MPH	75 F	---
[08:15 PM-08:30 PM]	7	27 MPH	75 F	---
[08:30 PM-08:45 PM]	11	28 MPH	75 F	---
[08:45 PM-09:00 PM]	14	34 MPH	73 F	---
[09:00 PM-09:15 PM]	13	28 MPH	73 F	---
[09:15 PM-09:30 PM]	3	31 MPH	72 F	---
Wed,08/28/2019				
[09:30 PM-09:45 PM]	1	22 MPH	72 F	---
[09:45 PM-10:00 PM]	6	29 MPH	72 F	---
[10:00 PM-10:15 PM]	3	33 MPH	72 F	---
[10:15 PM-10:30 PM]	3	37 MPH	72 F	---
[10:30 PM-10:45 PM]	2	32 MPH	70 F	---
[10:45 PM-11:00 PM]	1	32 MPH	70 F	---
[11:00 PM-11:15 PM]	3	45 MPH	70 F	---
[11:15 PM-11:30 PM]	3	29 MPH	70 F	---
[11:30 PM-11:45 PM]	0	0 MPH	70 F	---
[11:45 PM-12:00 AM]	0	0 MPH	68 F	---
Wed,08/28/2019	674	30 MPH	88 F	
Thu,08/29/2019				

[12:00 AM-12:15 AM]	0	0 MPH	68 F	---
[12:15 AM-12:30 AM]	0	0 MPH	68 F	---
[12:30 AM-12:45 AM]	1	28 MPH	68 F	---
[12:45 AM-01:00 AM]	1	32 MPH	68 F	---
[01:00 AM-01:15 AM]	0	0 MPH	68 F	---
[01:15 AM-01:30 AM]	0	0 MPH	68 F	---
[01:30 AM-01:45 AM]	1	42 MPH	68 F	---
[01:45 AM-02:00 AM]	0	0 MPH	66 F	---
[02:00 AM-02:15 AM]	2	30 MPH	66 F	---
[02:15 AM-02:30 AM]	0	0 MPH	66 F	---
[02:30 AM-02:45 AM]	0	0 MPH	66 F	---
[02:45 AM-03:00 AM]	0	0 MPH	66 F	---
[03:00 AM-03:15 AM]	1	32 MPH	66 F	---
[03:15 AM-03:30 AM]	0	0 MPH	64 F	---
[03:30 AM-03:45 AM]	0	0 MPH	64 F	---
[03:45 AM-04:00 AM]	0	0 MPH	64 F	---
[04:00 AM-04:15 AM]	1	48 MPH	64 F	---
[04:15 AM-04:30 AM]	0	0 MPH	64 F	---
[04:30 AM-04:45 AM]	6	33 MPH	64 F	---
[04:45 AM-05:00 AM]	1	38 MPH	64 F	---
[05:00 AM-05:15 AM]	4	30 MPH	64 F	---
[05:15 AM-05:30 AM]	5	32 MPH	64 F	---
[05:30 AM-05:45 AM]	2	32 MPH	63 F	---
[05:45 AM-06:00 AM]	3	29 MPH	63 F	---
[06:00 AM-06:15 AM]	8	32 MPH	63 F	---
[06:15 AM-06:30 AM]	12	34 MPH	63 F	---
[06:30 AM-06:45 AM]	11	32 MPH	63 F	---
[06:45 AM-07:00 AM]	14	31 MPH	63 F	---
[07:00 AM-07:15 AM]	29	28 MPH	64 F	---
[07:15 AM-07:30 AM]	34	31 MPH	64 F	---
[07:30 AM-07:45 AM]	32	32 MPH	64 F	---
[07:45 AM-08:00 AM]	15	34 MPH	64 F	---
Thu,08/29/2019				
[08:00 AM-08:15 AM]	18	31 MPH	66 F	---
[08:15 AM-08:30 AM]	14	29 MPH	66 F	---
[08:30 AM-08:45 AM]	13	34 MPH	68 F	---
[08:45 AM-09:00 AM]	7	30 MPH	70 F	---
[09:00 AM-09:15 AM]	14	29 MPH	70 F	---
[09:15 AM-09:30 AM]	7	29 MPH	70 F	---
[09:30 AM-09:45 AM]	8	33 MPH	70 F	---
[09:45 AM-10:00 AM]	11	29 MPH	72 F	---
[10:00 AM-10:15 AM]	14	28 MPH	73 F	---
[10:15 AM-10:30 AM]	13	30 MPH	75 F	---
Thu,08/29/2019	302	31 MPH	66 F	
08/28/2019 10:30 AM				
08/29/2019 10:30 AM	976	31 MPH	79 F	



# LAKE COUNTY COUNCIL OF MAYORS

**RESOLUTION 110719LCC-03  
A RESOLUTION REQUESTING THE RECLASSIFICATION OF  
FRONTAGE ROAD BETWEEN  
KINGS ROAD AND BIG HOLLOW ROAD  
TO A MAJOR COLLECTOR**

WHEREAS, the Chicago Metropolitan Agency for Planning (CMAP) and the Policy Committee as the Metropolitan Planning Organization for Northeastern Illinois has designated the CMAP Council of Mayors to program Surface Transportation Program (STP) funds; and

WHEREAS, the Lake County Council of Mayors is one of eleven sub-regional councils which was established to locally program STP funds; and

WHEREAS, the Lake County Council of Mayors has reviewed the system of collectors and arterials eligible and found that a certain change is desirable to reflect certain changes in traffic and development patterns in Lake County;

NOW, THEREFORE, BE IT RESOLVED that the Lake County Council of Mayors requests the reclassification of the following described local road to the classification of major collector:

Frontage Road along the west side of US Route 12 between Kings Road and Big Hollow Road in the Village of Fox Lake.

BE IT FURTHER RESOLVED that copies of this resolution will be forwarded to the Chicago Metropolitan Agency for Planning, the Lake County Engineer and the Illinois Department of Transportation Region 1/District 1 Engineer.

APPROVED AND ADOPTED this 7<sup>th</sup> day of November, A.D. 2019.

---

Leon Rockingham, Jr., Chairman  
Lake County Council of Mayors  
and  
Mayor, City of North Chicago

**Functional Classification Revision Request**

**Frontage Road (1)**

**Big Hollow Road to Kings Road**

**Local to Major Collector**

# Appendix A

## Functional Classification Revision Request Template

1. Name(s) of proposed roadway to be reclassified:
  - Frontage Road (S US-12)
  
2. Name of agency requesting revision (roadway jurisdiction):  
*(An agency should not request reclassification of a roadway that is not under its own jurisdiction without the support of the maintaining jurisdiction. For a township-maintained street within a municipality, the township should agree to the change prior to Council of Mayors consideration.)*
  - Village of Fox Lake
  
3. Contact information (name, title, address, phone and email):
  - Kealan Noonan, Director of Public Works,  
Village of Fox Lake  
66 Thillen Drive  
Fox lake, IL 60020  
(847) 587-3974  
[noonank@foxlake.org](mailto:noonank@foxlake.org)
  
4. Council(s) of Mayors:
  - Lake County Council of Mayors
  
5. County(ies) containing roadway proposed to be reclassified:
  - Lake County
  
6. Township(s) containing roadway proposed to be reclassified:
  - Grant Township
  
7. Additional roadway jurisdiction(s), if any, containing the roadway proposed to be reclassified:
  
  
8. Current functional classification for this roadway, as classified by IDOT:
  - Local Road or Street



9. Proposed functional classification for this roadway:

- Major Collector

10. The IDOT [key route designation](#) number for this roadway:

*(This number is available on the IDOT [Getting Around Illinois](#) website. The key route designation number is the Key Route Type, a hyphen, and the Key Route Number from the map.)*

- 0 -6089

11. Endpoints of proposed roadway to be reclassified

- North or West endpoint:

- Kings Rd at US-12

- North or West endpoint road's functional classification:

- Other Principal Arterial

- South or East endpoint:

- Big Hollow Road

- South or East endpoint road's functional classification:

- Minor Arterial

12. Length of proposed roadway to be reclassified:

- Approximately 7920 ft. (1.5 mi)

13. Current Average Annual Daily Traffic (AADT):

- 1749 AADT, HI-STAR

- Begin: 08/21/2019 10:00 AM      End: 08/22/2019 10:00 AM

*(Provide AADT by segment if the AADT is not consistent along the entire route. Indicate the source and year of the AADT. Some AADT values are available on the IDOT [Getting Around Illinois](#) website. If the AADT is not from a published source, supply raw field data and provide the date(s), the day(s) of week, the hours of collection, and the type of equipment used to collect the traffic data. HI-STAR or equivalent technology is preferred.)*



14. Spacing:

- Provide the name of and distance to the next adjacent roadway (to the north or east) with the same classification as the subject road's proposed functional classification:
  - Sayton Road, 80 ft. east from the intersection of Kings Road and US-12
  
- Provide the name of and distance to the next adjacent roadway (to the south or west) with the same classification as the subject road's proposed functional classification:
  - W. Sullivan Lake Road, 9,504 ft. (1.8mi) south from the intersection of Frontage Road and Big Hollow Road

15. Indicate whether the proposed revision also requires a change (downgrade) to the functional classification of any adjacent roadways to accommodate the spacing requirements for this proposed functional classification revision:

*(Provide **key route designation** number and endpoints as well as road name and proposed change.)*

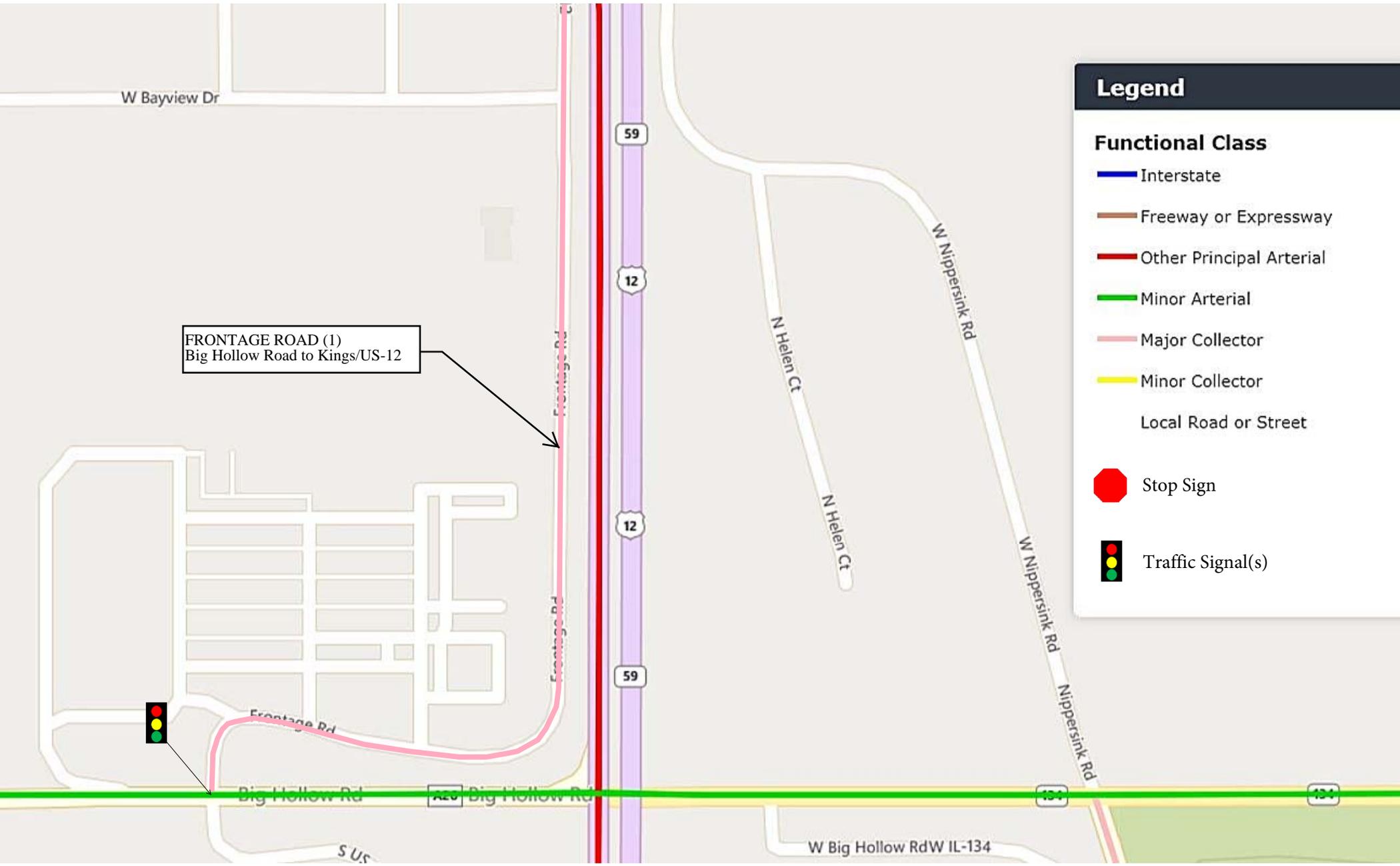
16. Access Management:

- How does the municipality or other jurisdiction plan to manage access along the road? Examples would be an access management ordinance, subdivision ordinance, or planned development ordinance.
  
- How many driveways now exist along the right-of-way?
  - 21 driveways
  
- Are left-turns controlled by raised or barrier-protected medians?
  - Left turns are not controlled by raised or barrier protected medians



17. Provide current and planned Traffic Signalization along proposed route:  
*(Mark locations on the map with a rectangle with three circles inside it, or similar; use the same symbol and write "future" by planned signals.)*
18. Provide current and planned Stop Sign Control on proposed route and on the cross-streets:  
*(Mark locations on the map with an octagon or similar; use the same symbols and write "future" by planned signs.)*
19. Major Traffic Generators along the proposed reclassified route:
- Major Traffic Generators include commercial businesses, a sub division, Big Hollow Road, US-12
20. Justification for the proposed revision based on definitions, characteristics and spacing guidance provided:
- Frontage Road was a jurisdictional transfer from IDOT to the Village of Fox Lake.
  - A justification for the revision is that street distributes traffic from a subdivision and a nearby shopping center. More specially, the road abuts to Big Hollow Road, a Minor Arterial, which acts as a point of entry for traffic. As well as abutting to US-12, an Other Principal Arterial
21. Provide any additional (optional) information or justification:
22. Attach Support Resolutions & Letters:
1. Local Council(s) of Mayors resolution(s) of support (required)
  2. Affected neighboring jurisdictions' letters of support (required)
  3. Requesting municipality's resolution of request (optional)





### Legend

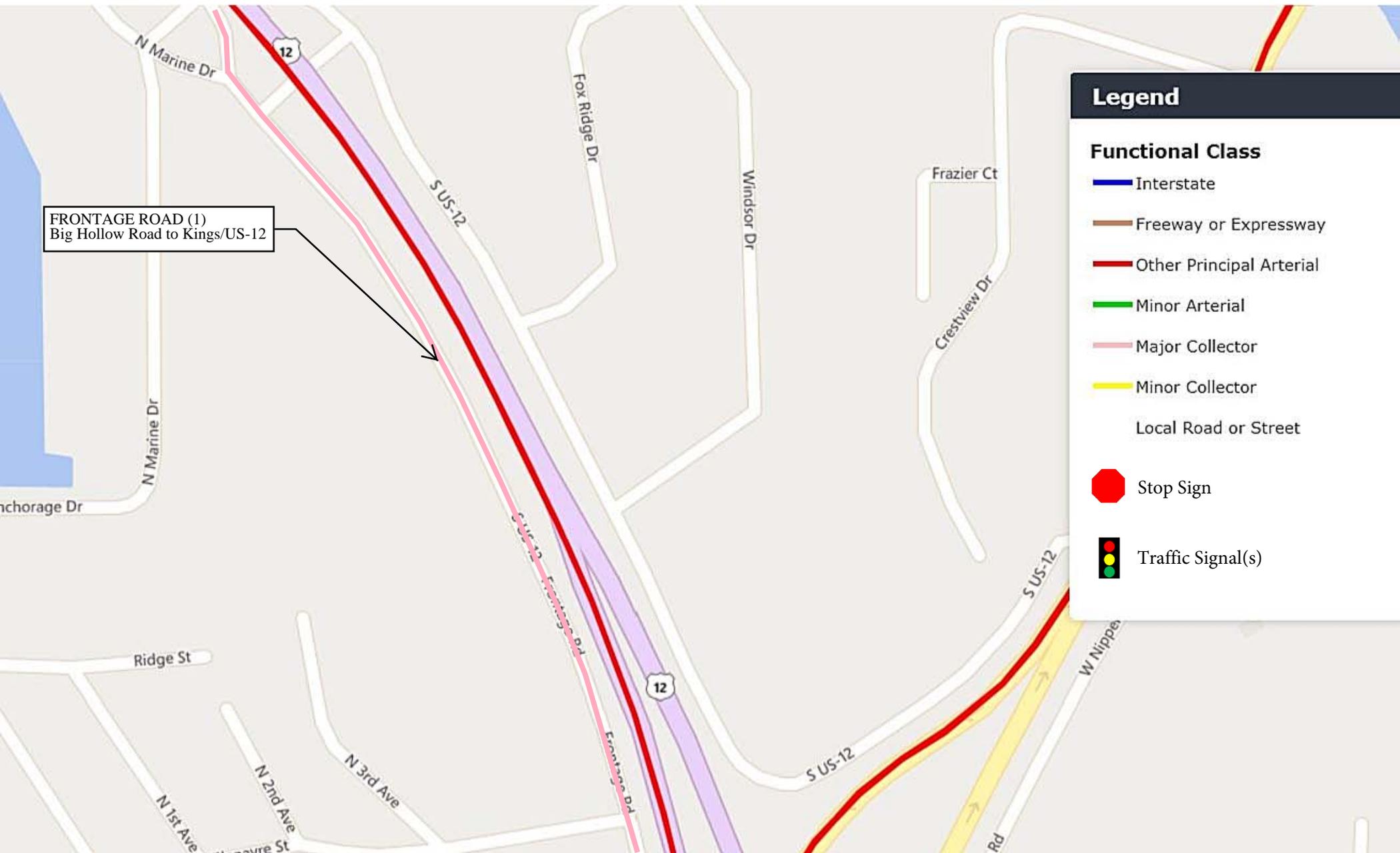
#### Functional Class

-  Interstate
-  Freeway or Expressway
-  Other Principal Arterial
-  Minor Arterial
-  Major Collector
-  Minor Collector
-  Local Road or Street

 Stop Sign

 Traffic Signal(s)



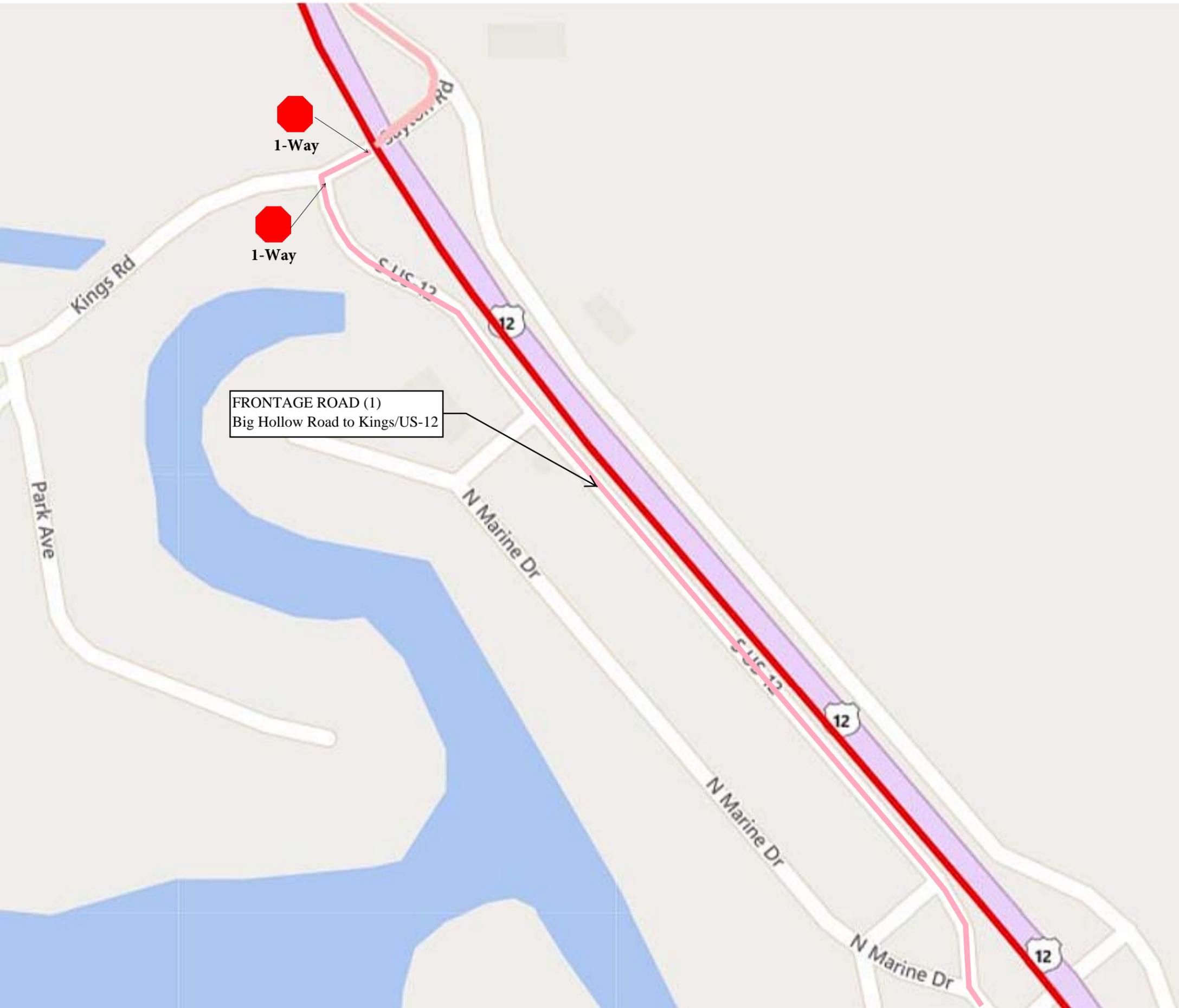


FRONTAGE ROAD (1)  
Big Hollow Road to Kings/US-12

## Legend

### Functional Class

- Interstate
- Freeway or Expressway
- Other Principal Arterial
- Minor Arterial
- Major Collector
- Minor Collector
- Local Road or Street
- Stop Sign
- Traffic Signal(s)



### Legend

**Functional Class**

- Interstate
- Freeway or Expressway
- Other Principal Arterial
- Minor Arterial
- Major Collector
- Minor Collector
- Local Road or Street

⬢ Stop Sign

● ● ● Traffic Signal(s)

FRONTAGE ROAD (1)  
Big Hollow Road to Kings/US-12

1-Way

1-Way

12

12

12

Fox Ridge

Fo

## Date/Time/Volume/Average Speed/Temperature Report

**Device ID:** 405193  
**Operator:**  
**Begin:** 08/21/2019 10:00 AM  
**End:** 08/22/2019 10:00 AM  
**Hours:** 24.00  
**Period (min):** 15

**Location:** Bighollow  
**Lane:** N  
**Street:** Forntage  
**City:** Fox Lake  
**County:**  
**State:** IL

**Raw Count:** 847  
**AADT Count:** 847  
**AADT Factor:** 1  
**Speed Limit:** 30

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Wed,08/21/2019				
[10:00 AM-10:15 AM]	4	34 MPH	104 F	---
[10:15 AM-10:30 AM]	13	35 MPH	106 F	---
[10:30 AM-10:45 AM]	13	38 MPH	108 F	---
[10:45 AM-11:00 AM]	12	41 MPH	108 F	---
[11:00 AM-11:15 AM]	12	40 MPH	108 F	---
[11:15 AM-11:30 AM]	14	39 MPH	109 F	---
[11:30 AM-11:45 AM]	11	35 MPH	108 F	---
[11:45 AM-12:00 PM]	9	39 MPH	108 F	---
[12:00 PM-12:15 PM]	13	41 MPH	108 F	---
[12:15 PM-12:30 PM]	15	36 MPH	104 F	---
[12:30 PM-12:45 PM]	9	40 MPH	102 F	---
[12:45 PM-01:00 PM]	11	35 MPH	106 F	---
[01:00 PM-01:15 PM]	11	38 MPH	106 F	---
[01:15 PM-01:30 PM]	14	38 MPH	108 F	---
[01:30 PM-01:45 PM]	12	40 MPH	100 F	---
[01:45 PM-02:00 PM]	7	35 MPH	91 F	---
[02:00 PM-02:15 PM]	13	39 MPH	88 F	---
[02:15 PM-02:30 PM]	13	37 MPH	86 F	---
[02:30 PM-02:45 PM]	8	39 MPH	86 F	---
[02:45 PM-03:00 PM]	20	36 MPH	84 F	---
[03:00 PM-03:15 PM]	16	39 MPH	82 F	---
[03:15 PM-03:30 PM]	28	37 MPH	82 F	---
[03:30 PM-03:45 PM]	26	40 MPH	82 F	---
[03:45 PM-04:00 PM]	22	38 MPH	82 F	---
[04:00 PM-04:15 PM]	27	38 MPH	82 F	---
[04:15 PM-04:30 PM]	30	38 MPH	82 F	---
[04:30 PM-04:45 PM]	24	40 MPH	82 F	---
[04:45 PM-05:00 PM]	26	43 MPH	84 F	---
[05:00 PM-05:15 PM]	21	37 MPH	84 F	---
[05:15 PM-05:30 PM]	23	39 MPH	86 F	---
[05:30 PM-05:45 PM]	17	40 MPH	84 F	---
[05:45 PM-06:00 PM]	20	42 MPH	84 F	---
[06:00 PM-06:15 PM]	16	40 MPH	82 F	---
[06:15 PM-06:30 PM]	15	39 MPH	82 F	---
[06:30 PM-06:45 PM]	16	42 MPH	82 F	---
[06:45 PM-07:00 PM]	9	40 MPH	81 F	---
[07:00 PM-07:15 PM]	13	37 MPH	81 F	---
[07:15 PM-07:30 PM]	8	41 MPH	79 F	---
[07:30 PM-07:45 PM]	13	42 MPH	79 F	---
[07:45 PM-08:00 PM]	14	38 MPH	79 F	---
[08:00 PM-08:15 PM]	16	35 MPH	79 F	---
[08:15 PM-08:30 PM]	5	35 MPH	77 F	---
[08:30 PM-08:45 PM]	9	36 MPH	77 F	---
[08:45 PM-09:00 PM]	12	37 MPH	77 F	---
Wed,08/21/2019				
[09:00 PM-09:15 PM]	10	40 MPH	77 F	---
[09:15 PM-09:30 PM]	12	36 MPH	77 F	---
[09:30 PM-09:45 PM]	7	34 MPH	77 F	---
[09:45 PM-10:00 PM]	3	41 MPH	77 F	---
[10:00 PM-10:15 PM]	4	50 MPH	77 F	---
[10:15 PM-10:30 PM]	3	34 MPH	77 F	---
[10:30 PM-10:45 PM]	1	32 MPH	75 F	---
[10:45 PM-11:00 PM]	2	37 MPH	75 F	---
[11:00 PM-11:15 PM]	2	38 MPH	75 F	---
[11:15 PM-11:30 PM]	1	48 MPH	75 F	---
[11:30 PM-11:45 PM]	4	42 MPH	75 F	---
[11:45 PM-12:00 AM]	2	40 MPH	75 F	---

Wed,08/21/2019	711	39 MPH	87 F	
Thu,08/22/2019				
[12:00 AM-12:15 AM]	2	33 MPH	75 F	---
[12:15 AM-12:30 AM]	1	48 MPH	75 F	---
[12:30 AM-12:45 AM]	0	0 MPH	73 F	---
[12:45 AM-01:00 AM]	1	38 MPH	73 F	---
[01:00 AM-01:15 AM]	1	42 MPH	73 F	---
[01:15 AM-01:30 AM]	1	42 MPH	73 F	---
[01:30 AM-01:45 AM]	1	42 MPH	73 F	---
[01:45 AM-02:00 AM]	0	0 MPH	73 F	---
[02:00 AM-02:15 AM]	0	0 MPH	73 F	---
[02:15 AM-02:30 AM]	0	0 MPH	73 F	---
[02:30 AM-02:45 AM]	0	0 MPH	73 F	---
[02:45 AM-03:00 AM]	0	0 MPH	72 F	---
[03:00 AM-03:15 AM]	0	0 MPH	72 F	---
[03:15 AM-03:30 AM]	0	0 MPH	72 F	---
[03:30 AM-03:45 AM]	0	0 MPH	72 F	---
[03:45 AM-04:00 AM]	0	0 MPH	72 F	---
[04:00 AM-04:15 AM]	0	0 MPH	70 F	---
[04:15 AM-04:30 AM]	0	0 MPH	70 F	---
[04:30 AM-04:45 AM]	0	0 MPH	70 F	---
[04:45 AM-05:00 AM]	0	0 MPH	70 F	---
[05:00 AM-05:15 AM]	0	0 MPH	68 F	---
[05:15 AM-05:30 AM]	1	42 MPH	68 F	---
[05:30 AM-05:45 AM]	0	0 MPH	68 F	---
[05:45 AM-06:00 AM]	3	41 MPH	68 F	---
[06:00 AM-06:15 AM]	1	42 MPH	68 F	---
[06:15 AM-06:30 AM]	2	35 MPH	68 F	---
[06:30 AM-06:45 AM]	3	39 MPH	68 F	---
[06:45 AM-07:00 AM]	6	43 MPH	68 F	---
[07:00 AM-07:15 AM]	12	36 MPH	68 F	---
[07:15 AM-07:30 AM]	7	41 MPH	70 F	---
Thu,08/22/2019				
[07:30 AM-07:45 AM]	11	35 MPH	72 F	---
[07:45 AM-08:00 AM]	14	35 MPH	75 F	---
[08:00 AM-08:15 AM]	7	36 MPH	77 F	---
[08:15 AM-08:30 AM]	8	35 MPH	81 F	---
[08:30 AM-08:45 AM]	7	39 MPH	82 F	---
[08:45 AM-09:00 AM]	10	37 MPH	86 F	---
[09:00 AM-09:15 AM]	9	40 MPH	90 F	---
[09:15 AM-09:30 AM]	7	38 MPH	88 F	---
[09:30 AM-09:45 AM]	7	37 MPH	88 F	---
[09:45 AM-10:00 AM]	14	35 MPH	90 F	---
Thu,08/22/2019	136	37 MPH	74 F	
08/21/2019 10:00 AM				
08/22/2019 10:00 AM	847	38 MPH	82 F	

## Date/Time/Volume/Average Speed/Temperature Report

**Device ID:** 405194  
**Operator:**  
**Begin:** 08/21/2019 10:00 AM  
**End:** 08/22/2019 10:00 AM  
**Hours:** 24.00  
**Period (min):** 15

**Location:** Bighollow  
**Lane:** S  
**Street:** Forntage  
**City:** Fox Lake  
**County:**  
**State:** IL

**Raw Count:** 902  
**AADT Count:** 902  
**AADT Factor:** 1  
**Speed Limit:** 30

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Wed,08/21/2019				
[10:00 AM-10:15 AM]	14	38 MPH	108 F	---
[10:15 AM-10:30 AM]	13	38 MPH	109 F	---
[10:30 AM-10:45 AM]	16	39 MPH	111 F	---
[10:45 AM-11:00 AM]	13	35 MPH	111 F	---
[11:00 AM-11:15 AM]	13	38 MPH	113 F	---
[11:15 AM-11:30 AM]	14	36 MPH	113 F	---
[11:30 AM-11:45 AM]	10	36 MPH	111 F	---
[11:45 AM-12:00 PM]	20	38 MPH	111 F	---
[12:00 PM-12:15 PM]	13	39 MPH	109 F	---
[12:15 PM-12:30 PM]	15	34 MPH	106 F	---
[12:30 PM-12:45 PM]	9	36 MPH	104 F	---
[12:45 PM-01:00 PM]	19	39 MPH	108 F	---
[01:00 PM-01:15 PM]	12	31 MPH	109 F	---
[01:15 PM-01:30 PM]	21	38 MPH	109 F	---
[01:30 PM-01:45 PM]	10	36 MPH	99 F	---
[01:45 PM-02:00 PM]	14	34 MPH	90 F	---
[02:00 PM-02:15 PM]	15	36 MPH	88 F	---
[02:15 PM-02:30 PM]	11	30 MPH	86 F	---
[02:30 PM-02:45 PM]	13	34 MPH	84 F	---
[02:45 PM-03:00 PM]	7	32 MPH	82 F	---
[03:00 PM-03:15 PM]	18	37 MPH	82 F	---
[03:15 PM-03:30 PM]	21	34 MPH	82 F	---
[03:30 PM-03:45 PM]	20	32 MPH	82 F	---
[03:45 PM-04:00 PM]	16	35 MPH	82 F	---
[04:00 PM-04:15 PM]	16	36 MPH	82 F	---
[04:15 PM-04:30 PM]	16	36 MPH	82 F	---
[04:30 PM-04:45 PM]	11	36 MPH	82 F	---
[04:45 PM-05:00 PM]	18	41 MPH	84 F	---
[05:00 PM-05:15 PM]	22	36 MPH	84 F	---
[05:15 PM-05:30 PM]	14	37 MPH	86 F	---
[05:30 PM-05:45 PM]	28	37 MPH	84 F	---
[05:45 PM-06:00 PM]	14	33 MPH	84 F	---
[06:00 PM-06:15 PM]	8	34 MPH	82 F	---
[06:15 PM-06:30 PM]	10	38 MPH	82 F	---
[06:30 PM-06:45 PM]	12	36 MPH	82 F	---
[06:45 PM-07:00 PM]	6	38 MPH	81 F	---
[07:00 PM-07:15 PM]	9	38 MPH	81 F	---
[07:15 PM-07:30 PM]	9	39 MPH	79 F	---
[07:30 PM-07:45 PM]	6	36 MPH	79 F	---
[07:45 PM-08:00 PM]	8	36 MPH	79 F	---
[08:00 PM-08:15 PM]	6	38 MPH	79 F	---
[08:15 PM-08:30 PM]	9	40 MPH	77 F	---
[08:30 PM-08:45 PM]	5	34 MPH	77 F	---
[08:45 PM-09:00 PM]	6	34 MPH	77 F	---
Wed,08/21/2019				
[09:00 PM-09:15 PM]	3	37 MPH	77 F	---
[09:15 PM-09:30 PM]	1	32 MPH	77 F	---
[09:30 PM-09:45 PM]	3	33 MPH	77 F	---
[09:45 PM-10:00 PM]	3	36 MPH	77 F	---
[10:00 PM-10:15 PM]	3	37 MPH	77 F	---
[10:15 PM-10:30 PM]	1	28 MPH	77 F	---
[10:30 PM-10:45 PM]	0	0 MPH	75 F	---
[10:45 PM-11:00 PM]	0	0 MPH	75 F	---
[11:00 PM-11:15 PM]	1	32 MPH	75 F	---
[11:15 PM-11:30 PM]	3	43 MPH	75 F	---
[11:30 PM-11:45 PM]	2	38 MPH	75 F	---
[11:45 PM-12:00 AM]	1	18 MPH	73 F	---

Wed,08/21/2019	601	36 MPH	88 F	
Thu,08/22/2019				
[12:00 AM-12:15 AM]	1	38 MPH	73 F	---
[12:15 AM-12:30 AM]	2	30 MPH	73 F	---
[12:30 AM-12:45 AM]	1	42 MPH	73 F	---
[12:45 AM-01:00 AM]	0	0 MPH	73 F	---
[01:00 AM-01:15 AM]	1	42 MPH	73 F	---
[01:15 AM-01:30 AM]	0	0 MPH	73 F	---
[01:30 AM-01:45 AM]	0	0 MPH	73 F	---
[01:45 AM-02:00 AM]	0	0 MPH	73 F	---
[02:00 AM-02:15 AM]	0	0 MPH	72 F	---
[02:15 AM-02:30 AM]	0	0 MPH	72 F	---
[02:30 AM-02:45 AM]	0	0 MPH	72 F	---
[02:45 AM-03:00 AM]	0	0 MPH	72 F	---
[03:00 AM-03:15 AM]	0	0 MPH	72 F	---
[03:15 AM-03:30 AM]	2	40 MPH	72 F	---
[03:30 AM-03:45 AM]	1	38 MPH	70 F	---
[03:45 AM-04:00 AM]	0	0 MPH	70 F	---
[04:00 AM-04:15 AM]	1	42 MPH	70 F	---
[04:15 AM-04:30 AM]	2	33 MPH	70 F	---
[04:30 AM-04:45 AM]	4	39 MPH	68 F	---
[04:45 AM-05:00 AM]	3	36 MPH	68 F	---
[05:00 AM-05:15 AM]	5	36 MPH	68 F	---
[05:15 AM-05:30 AM]	3	41 MPH	68 F	---
[05:30 AM-05:45 AM]	6	38 MPH	68 F	---
[05:45 AM-06:00 AM]	10	38 MPH	68 F	---
[06:00 AM-06:15 AM]	14	38 MPH	68 F	---
[06:15 AM-06:30 AM]	12	36 MPH	68 F	---
[06:30 AM-06:45 AM]	13	41 MPH	68 F	---
[06:45 AM-07:00 AM]	21	37 MPH	68 F	---
[07:00 AM-07:15 AM]	20	36 MPH	68 F	---
[07:15 AM-07:30 AM]	23	37 MPH	70 F	---
Thu,08/22/2019				
[07:30 AM-07:45 AM]	14	36 MPH	73 F	---
[07:45 AM-08:00 AM]	22	38 MPH	75 F	---
[08:00 AM-08:15 AM]	20	38 MPH	79 F	---
[08:15 AM-08:30 AM]	22	37 MPH	81 F	---
[08:30 AM-08:45 AM]	14	34 MPH	84 F	---
[08:45 AM-09:00 AM]	17	38 MPH	86 F	---
[09:00 AM-09:15 AM]	16	34 MPH	90 F	---
[09:15 AM-09:30 AM]	9	37 MPH	88 F	---
[09:30 AM-09:45 AM]	9	36 MPH	88 F	---
[09:45 AM-10:00 AM]	13	32 MPH	90 F	---
Thu,08/22/2019	301	37 MPH	74 F	
08/21/2019 10:00 AM				
08/22/2019 10:00 AM	902	36 MPH	82 F	



# LAKE COUNTY COUNCIL OF MAYORS

**RESOLUTION 110719LCC-04  
A RESOLUTION REQUESTING THE RECLASSIFICATION OF  
FRONTAGE ROAD BETWEEN  
SAYTON ROAD AND ILLINOIS ROUTE 59  
TO A MINOR COLLECTOR**

WHEREAS, the Chicago Metropolitan Agency for Planning (CMAP) and the Policy Committee as the Metropolitan Planning Organization for Northeastern Illinois has designated the CMAP Council of Mayors to program Surface Transportation Program (STP) funds; and

WHEREAS, the Lake County Council of Mayors is one of eleven sub-regional councils which was established to locally program STP funds; and

WHEREAS, the Lake County Council of Mayors has reviewed the system of collectors and arterials eligible and found that a certain change is desirable to reflect certain changes in traffic and development patterns in Lake County;

NOW, THEREFORE, BE IT RESOLVED that the Lake County Council of Mayors requests the reclassification of the following described local road to the classification of minor collector:

Frontage Road along the east side of US Route 12 between Sayton Road and Illinois Route 59 in the Village of Fox Lake.

BE IT FURTHER RESOLVED that copies of this resolution will be forwarded to the Chicago Metropolitan Agency for Planning, the Lake County Engineer and the Illinois Department of Transportation Region 1/District 1 Engineer.

APPROVED AND ADOPTED this 7<sup>th</sup> day of November, A.D. 2019.

---

Leon Rockingham, Jr., Chairman  
Lake County Council of Mayors  
and  
Mayor, City of North Chicago

**Functional Classification Revision Request**

**Frontage Road (2)**

**Sayton Road to IL Route 59**

**Local to Minor Collector**

# Appendix A

## Functional Classification Revision Request Template

1. Name(s) of proposed roadway to be reclassified:
  - Frontage Road
  
2. Name of agency requesting revision (roadway jurisdiction):  
*(An agency should not request reclassification of a roadway that is not under its own jurisdiction without the support of the maintaining jurisdiction. For a township-maintained street within a municipality, the township should agree to the change prior to Council of Mayors consideration.)*
  - Village of Fox Lake
  
3. Contact information (name, title, address, phone and email):
  - Kealan Noonan, Director of Public Works,  
Village of Fox Lake  
66 Thillen Drive  
Fox lake, IL 60020  
(847) 587-3974  
[noonank@foxlake.org](mailto:noonank@foxlake.org)
  
4. Council(s) of Mayors:
  - Lake County Council of Mayors
  
5. County(ies) containing roadway proposed to be reclassified:
  - Lake County
  
6. Township(s) containing roadway proposed to be reclassified:
  - Grant Township
  
7. Additional roadway jurisdiction(s), if any, containing the roadway proposed to be reclassified:
  
8. Current functional classification for this roadway, as classified by IDOT:
  - Local Road or Street



9. Proposed functional classification for this roadway:

- Minor Collector

10. The IDOT [key route designation](#) number for this roadway:

*(This number is available on the IDOT [Getting Around Illinois](#) website. The key route designation number is the Key Route Type, a hyphen, and the Key Route Number from the map.)*

- 0 -6088

11. Endpoints of proposed roadway to be reclassified

- North or West endpoint:
  - Sayton Road
  
- North or West endpoint road's functional classification:
  - Major Collector
  
- South or East endpoint:
  - IL Route 59
  
- South or East endpoint road's functional classification:
  - Principal Arterial

12. Length of proposed roadway to be reclassified:

- 4660 ft. (0.8 mi)

13. Current Average Annual Daily Traffic (AADT):

- 1249 AADT, HI-STAR
- Begin: 08/22/2019 12:00 PM      End: 08/23/2019 12:00 PM

*(Provide AADT by segment if the AADT is not consistent along the entire route. Indicate the source and year of the AADT. Some AADT values are available on the IDOT [Getting Around Illinois](#) website. If the AADT is not from a published source, supply raw field data and provide the date(s), the day(s) of week, the hours of collection, and the type of equipment used to collect the traffic data. HI-STAR or equivalent technology is preferred.)*



14. Spacing:

- Provide the name of and distance to the next adjacent roadway (to the north or east) with the same classification as the subject road's proposed functional classification:
  - Sayton Road, abutting to the proposed Frontage Road functional classification
  
- Provide the name of and distance to the next adjacent roadway (to the south or west) with the same classification as the subject road's proposed functional classification:
  - W. Nippersink Road, 5,145 ft. (0.9 mi) south, from the intersection of Frontage Road/IL Rt. 59 to the intersection of W. Big Hollow Road/W. Nippersink Road

15. Indicate whether the proposed revision also requires a change (downgrade) to the functional classification of any adjacent roadways to accommodate the spacing requirements for this proposed functional classification revision:

*(Provide [key route designation](#) number and endpoints as well as road name and proposed change.)*

16. Access Management:

- How does the municipality or other jurisdiction plan to manage access along the road? Examples would be an access management ordinance, subdivision ordinance, or planned development ordinance.
  
- How many driveways now exist along the right-of-way?
  - 7 driveways
  
- Are left-turns controlled by raised or barrier-protected medians?
  - Left turns are not controlled by raised or barrier protected medians



17. Provide current and planned Traffic Signalization along proposed route:

*(Mark locations on the map with a rectangle with three circles inside it, or similar; use the same symbol and write "future" by planned signals.)*

18. Provide current and planned Stop Sign Control on proposed route and on the cross-streets:

*(Mark locations on the map with an octagon or similar; use the same symbols and write "future" by planned signs.)*

19. Major Traffic Generators along the proposed reclassified route:

- Industrial/ Commercial areas: Hellois Trucking and Excavating, Marine Performance Products, Wyld Creek Water Gardens, Superior Paving, Open Acr Computers.

Subdivision(s): The Carriage Homes of Fox Ridge

20. Justification for the proposed revision based on definitions, characteristics and spacing guidance provided:

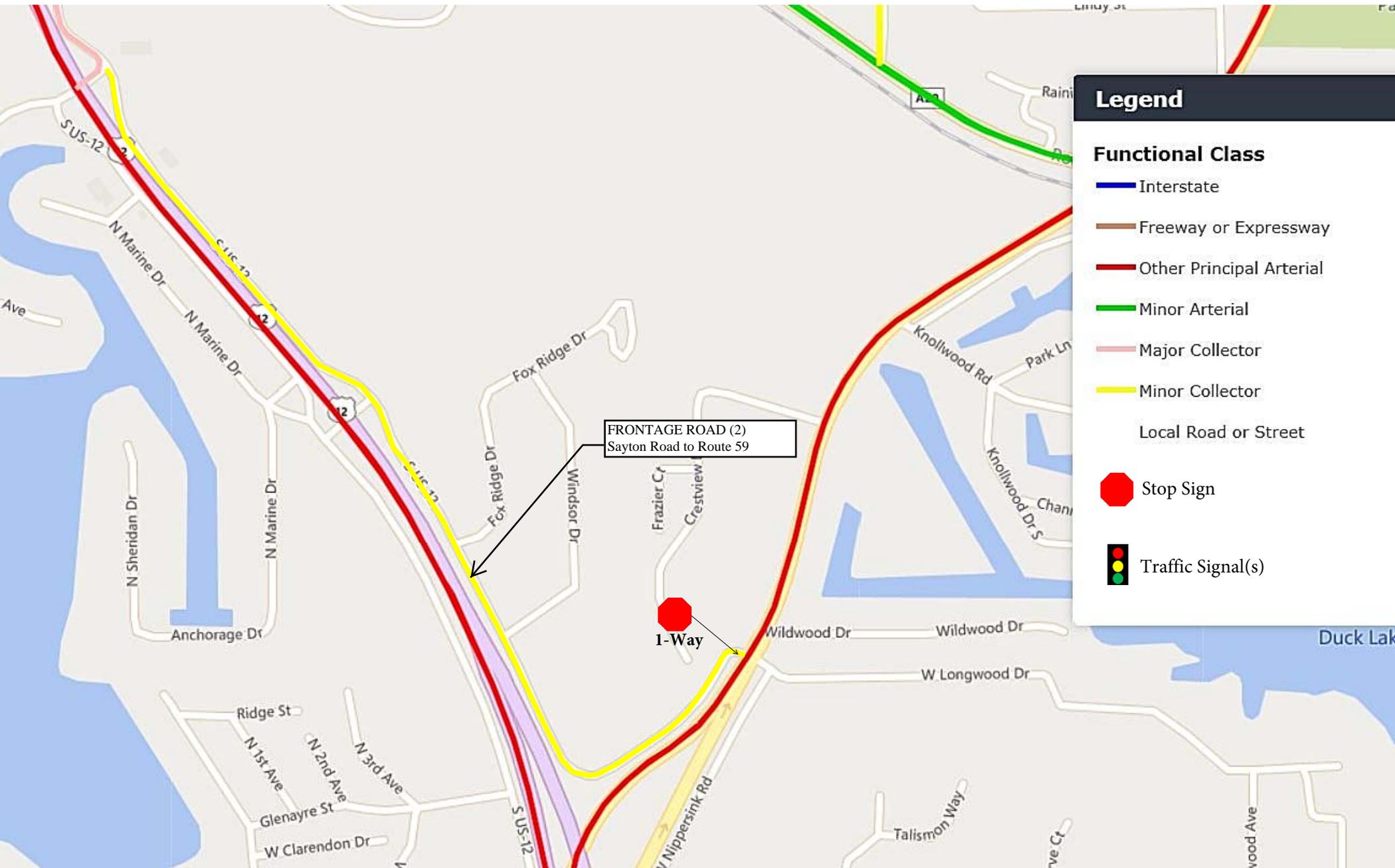
- Frontage Road was a jurisdictional transfer from IDOT to the Village of Fox Lake.
- The street serves as land access and traffic circulation in a residential and commercial area. It distributes the residential and commercial traffic from local roadways to either a major collector or other principal arterial roadway. More specifically, the road allows for traffic to access a point of entry onto IL route 59 (Principal Arterial).

21. Provide any additional (optional) information or justification:

22. Attach Support Resolutions & Letters:

1. Local Council(s) of Mayors resolution(s) of support (required)
2. Affected neighboring jurisdictions' letters of support (required)
3. Requesting municipality's resolution of request (optional)





### Legend

**Functional Class**

- Interstate
- Freeway or Expressway
- Other Principal Arterial
- Minor Arterial
- Major Collector
- Minor Collector
- Local Road or Street

**Stop Sign**

**Traffic Signal(s)**

FRONTAGE ROAD (2)  
Sayton Road to Route 59

1-Way

## Date/Time/Volume/Average Speed/Temperature Report

**Device ID:** 405193  
**Operator:**  
**Begin:** 08/22/2019 12:00 PM  
**End:** 08/23/2019 12:00 PM  
**Hours:** 24.00  
**Period (min):** 15

**Location:** kings--59  
**Lane:** N  
**Street:** Forntage  
**City:** Fox Lake  
**County:**  
**State:** IL

**Raw Count:** 587  
**AADT Count:** 587  
**AADT Factor:** 1  
**Speed Limit:** 35

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface
Thu,08/22/2019				
[12:00 PM-12:15 PM]	6	44 MPH	106 F	---
[12:15 PM-12:30 PM]	12	40 MPH	108 F	---
[12:30 PM-12:45 PM]	7	36 MPH	104 F	---
[12:45 PM-01:00 PM]	12	38 MPH	109 F	---
[01:00 PM-01:15 PM]	3	42 MPH	113 F	---
[01:15 PM-01:30 PM]	15	43 MPH	117 F	---
[01:30 PM-01:45 PM]	1	38 MPH	120 F	---
[01:45 PM-02:00 PM]	8	43 MPH	122 F	---
[02:00 PM-02:15 PM]	8	38 MPH	122 F	---
[02:15 PM-02:30 PM]	16	44 MPH	122 F	---
[02:30 PM-02:45 PM]	6	37 MPH	122 F	---
[02:45 PM-03:00 PM]	7	40 MPH	122 F	---
[03:00 PM-03:15 PM]	11	44 MPH	122 F	---
[03:15 PM-03:30 PM]	14	39 MPH	122 F	---
[03:30 PM-03:45 PM]	10	41 MPH	120 F	---
[03:45 PM-04:00 PM]	5	44 MPH	118 F	---
[04:00 PM-04:15 PM]	7	42 MPH	117 F	---
[04:15 PM-04:30 PM]	8	44 MPH	117 F	---
[04:30 PM-04:45 PM]	9	44 MPH	115 F	---
[04:45 PM-05:00 PM]	12	46 MPH	113 F	---
[05:00 PM-05:15 PM]	12	40 MPH	109 F	---
[05:15 PM-05:30 PM]	14	38 MPH	108 F	---
[05:30 PM-05:45 PM]	8	41 MPH	104 F	---
[05:45 PM-06:00 PM]	7	44 MPH	102 F	---
[06:00 PM-06:15 PM]	12	42 MPH	99 F	---
[06:15 PM-06:30 PM]	11	41 MPH	97 F	---
[06:30 PM-06:45 PM]	15	41 MPH	93 F	---
[06:45 PM-07:00 PM]	7	37 MPH	91 F	---
[07:00 PM-07:15 PM]	5	40 MPH	88 F	---
[07:15 PM-07:30 PM]	16	38 MPH	84 F	---
[07:30 PM-07:45 PM]	7	37 MPH	82 F	---
[07:45 PM-08:00 PM]	7	41 MPH	81 F	---
[08:00 PM-08:15 PM]	8	37 MPH	79 F	---
[08:15 PM-08:30 PM]	1	62 MPH	77 F	---
[08:30 PM-08:45 PM]	5	40 MPH	77 F	---
[08:45 PM-09:00 PM]	7	37 MPH	77 F	---
[09:00 PM-09:15 PM]	2	33 MPH	75 F	---
[09:15 PM-09:30 PM]	6	36 MPH	75 F	---
[09:30 PM-09:45 PM]	3	29 MPH	75 F	---
[09:45 PM-10:00 PM]	1	28 MPH	73 F	---
[10:00 PM-10:15 PM]	1	32 MPH	73 F	---
[10:15 PM-10:30 PM]	0	0 MPH	73 F	---
[10:30 PM-10:45 PM]	2	42 MPH	72 F	---
[10:45 PM-11:00 PM]	3	34 MPH	72 F	---
Thu,08/22/2019				
[11:00 PM-11:15 PM]	3	37 MPH	72 F	---
[11:15 PM-11:30 PM]	0	0 MPH	72 F	---
[11:30 PM-11:45 PM]	1	32 MPH	70 F	---
[11:45 PM-12:00 AM]	1	28 MPH	70 F	---
Thu,08/22/2019				
Fri,08/23/2019				
[12:00 AM-12:15 AM]	1	42 MPH	70 F	---
[12:15 AM-12:30 AM]	2	35 MPH	70 F	---
[12:30 AM-12:45 AM]	0	0 MPH	70 F	---
[12:45 AM-01:00 AM]	2	37 MPH	70 F	---
[01:00 AM-01:15 AM]	0	0 MPH	68 F	---
[01:15 AM-01:30 AM]	0	0 MPH	68 F	---

[01:30 AM-01:45 AM]	0	0 MPH	68 F	---
[01:45 AM-02:00 AM]	0	0 MPH	68 F	---
[02:00 AM-02:15 AM]	0	0 MPH	68 F	---
[02:15 AM-02:30 AM]	0	0 MPH	68 F	---
[02:30 AM-02:45 AM]	2	33 MPH	68 F	---
[02:45 AM-03:00 AM]	1	38 MPH	68 F	---
[03:00 AM-03:15 AM]	0	0 MPH	68 F	---
[03:15 AM-03:30 AM]	0	0 MPH	66 F	---
[03:30 AM-03:45 AM]	0	0 MPH	66 F	---
[03:45 AM-04:00 AM]	2	35 MPH	66 F	---
[04:00 AM-04:15 AM]	2	38 MPH	66 F	---
[04:15 AM-04:30 AM]	0	0 MPH	66 F	---
[04:30 AM-04:45 AM]	2	62 MPH	66 F	---
[04:45 AM-05:00 AM]	4	42 MPH	68 F	---
[05:00 AM-05:15 AM]	1	38 MPH	68 F	---
[05:15 AM-05:30 AM]	6	29 MPH	68 F	---
[05:30 AM-05:45 AM]	5	33 MPH	68 F	---
[05:45 AM-06:00 AM]	7	36 MPH	68 F	---
[06:00 AM-06:15 AM]	10	41 MPH	68 F	---
[06:15 AM-06:30 AM]	6	36 MPH	68 F	---
[06:30 AM-06:45 AM]	5	40 MPH	68 F	---
[06:45 AM-07:00 AM]	5	40 MPH	68 F	---
[07:00 AM-07:15 AM]	6	45 MPH	70 F	---
[07:15 AM-07:30 AM]	14	39 MPH	70 F	---
[07:30 AM-07:45 AM]	13	38 MPH	72 F	---
[07:45 AM-08:00 AM]	16	39 MPH	73 F	---
[08:00 AM-08:15 AM]	6	39 MPH	73 F	---
[08:15 AM-08:30 AM]	10	38 MPH	73 F	---
[08:30 AM-08:45 AM]	7	39 MPH	73 F	---
[08:45 AM-09:00 AM]	12	44 MPH	75 F	---
[09:00 AM-09:15 AM]	10	37 MPH	82 F	---
[09:15 AM-09:30 AM]	6	40 MPH	90 F	---
Fri,08/23/2019				
[09:30 AM-09:45 AM]	3	34 MPH	95 F	---
[09:45 AM-10:00 AM]	10	38 MPH	99 F	---
[10:00 AM-10:15 AM]	13	40 MPH	97 F	---
[10:15 AM-10:30 AM]	6	43 MPH	97 F	---
[10:30 AM-10:45 AM]	10	43 MPH	99 F	---
[10:45 AM-11:00 AM]	8	41 MPH	106 F	---
[11:00 AM-11:15 AM]	8	38 MPH	109 F	---
[11:15 AM-11:30 AM]	10	38 MPH	111 F	---
[11:30 AM-11:45 AM]	7	39 MPH	117 F	---
[11:45 AM-12:00 PM]	7	38 MPH	118 F	---
Fri,08/23/2019				
	245	39 MPH	77 F	
08/22/2019 12:00 PM				
08/23/2019 12:00 PM	587	40 MPH	87 F	

## Date/Time/Volume/Average Speed/Temperature Report

**Device ID:** 405194  
**Operator:**  
**Begin:** 08/22/2019 12:00 PM  
**End:** 08/23/2019 12:00 PM  
**Hours:** 24.00  
**Period (min):** 15

**Location:** kings--59  
**Lane:** S  
**Street:** Forntage  
**City:** Fox Lake  
**County:**  
**State:** IL

**Raw Count:** 662  
**AADT Count:** 662  
**AADT Factor:** 1  
**Speed Limit:** 35

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface
Thu,08/22/2019				
[12:00 PM-12:15 PM]	9	35 MPH	108 F	---
[12:15 PM-12:30 PM]	10	35 MPH	109 F	---
[12:30 PM-12:45 PM]	13	36 MPH	106 F	---
[12:45 PM-01:00 PM]	12	33 MPH	111 F	---
[01:00 PM-01:15 PM]	9	33 MPH	117 F	---
[01:15 PM-01:30 PM]	10	34 MPH	120 F	---
[01:30 PM-01:45 PM]	13	35 MPH	122 F	---
[01:45 PM-02:00 PM]	13	39 MPH	124 F	---
[02:00 PM-02:15 PM]	11	33 MPH	124 F	---
[02:15 PM-02:30 PM]	8	41 MPH	124 F	---
[02:30 PM-02:45 PM]	8	33 MPH	126 F	---
[02:45 PM-03:00 PM]	13	34 MPH	126 F	---
[03:00 PM-03:15 PM]	12	32 MPH	124 F	---
[03:15 PM-03:30 PM]	13	36 MPH	124 F	---
[03:30 PM-03:45 PM]	14	33 MPH	122 F	---
[03:45 PM-04:00 PM]	11	35 MPH	120 F	---
[04:00 PM-04:15 PM]	8	37 MPH	120 F	---
[04:15 PM-04:30 PM]	9	37 MPH	118 F	---
[04:30 PM-04:45 PM]	14	38 MPH	117 F	---
[04:45 PM-05:00 PM]	13	33 MPH	115 F	---
[05:00 PM-05:15 PM]	11	37 MPH	113 F	---
[05:15 PM-05:30 PM]	15	35 MPH	109 F	---
[05:30 PM-05:45 PM]	17	32 MPH	106 F	---
[05:45 PM-06:00 PM]	11	36 MPH	104 F	---
[06:00 PM-06:15 PM]	10	36 MPH	102 F	---
[06:15 PM-06:30 PM]	9	34 MPH	99 F	---
[06:30 PM-06:45 PM]	10	34 MPH	95 F	---
[06:45 PM-07:00 PM]	17	36 MPH	91 F	---
[07:00 PM-07:15 PM]	13	34 MPH	88 F	---
[07:15 PM-07:30 PM]	7	30 MPH	84 F	---
[07:30 PM-07:45 PM]	13	34 MPH	82 F	---
[07:45 PM-08:00 PM]	12	33 MPH	81 F	---
[08:00 PM-08:15 PM]	7	35 MPH	79 F	---
[08:15 PM-08:30 PM]	7	33 MPH	77 F	---
[08:30 PM-08:45 PM]	10	35 MPH	77 F	---
[08:45 PM-09:00 PM]	10	35 MPH	75 F	---
[09:00 PM-09:15 PM]	6	36 MPH	75 F	---
[09:15 PM-09:30 PM]	3	29 MPH	75 F	---
[09:30 PM-09:45 PM]	3	34 MPH	73 F	---
[09:45 PM-10:00 PM]	4	35 MPH	73 F	---
[10:00 PM-10:15 PM]	2	33 MPH	72 F	---
[10:15 PM-10:30 PM]	2	38 MPH	72 F	---
[10:30 PM-10:45 PM]	3	31 MPH	72 F	---
[10:45 PM-11:00 PM]	1	28 MPH	72 F	---
Thu,08/22/2019				
[11:00 PM-11:15 PM]	2	38 MPH	70 F	---
[11:15 PM-11:30 PM]	1	32 MPH	70 F	---
[11:30 PM-11:45 PM]	2	25 MPH	70 F	---
[11:45 PM-12:00 AM]	3	33 MPH	70 F	---
Thu,08/22/2019	434	35 MPH	98 F	
Fri,08/23/2019				
[12:00 AM-12:15 AM]	1	38 MPH	68 F	---
[12:15 AM-12:30 AM]	0	0 MPH	68 F	---
[12:30 AM-12:45 AM]	0	0 MPH	68 F	---
[12:45 AM-01:00 AM]	0	0 MPH	68 F	---
[01:00 AM-01:15 AM]	0	0 MPH	68 F	---
[01:15 AM-01:30 AM]	1	28 MPH	68 F	---

[01:30 AM-01:45 AM]	0	0 MPH	68 F	---
[01:45 AM-02:00 AM]	1	32 MPH	66 F	---
[02:00 AM-02:15 AM]	1	28 MPH	66 F	---
[02:15 AM-02:30 AM]	1	38 MPH	66 F	---
[02:30 AM-02:45 AM]	0	0 MPH	66 F	---
[02:45 AM-03:00 AM]	0	0 MPH	66 F	---
[03:00 AM-03:15 AM]	0	0 MPH	66 F	---
[03:15 AM-03:30 AM]	0	0 MPH	66 F	---
[03:30 AM-03:45 AM]	0	0 MPH	66 F	---
[03:45 AM-04:00 AM]	0	0 MPH	66 F	---
[04:00 AM-04:15 AM]	0	0 MPH	64 F	---
[04:15 AM-04:30 AM]	2	25 MPH	64 F	---
[04:30 AM-04:45 AM]	0	0 MPH	64 F	---
[04:45 AM-05:00 AM]	1	38 MPH	66 F	---
[05:00 AM-05:15 AM]	2	30 MPH	66 F	---
[05:15 AM-05:30 AM]	5	33 MPH	68 F	---
[05:30 AM-05:45 AM]	5	34 MPH	68 F	---
[05:45 AM-06:00 AM]	1	38 MPH	68 F	---
[06:00 AM-06:15 AM]	7	28 MPH	66 F	---
[06:15 AM-06:30 AM]	7	35 MPH	66 F	---
[06:30 AM-06:45 AM]	9	31 MPH	68 F	---
[06:45 AM-07:00 AM]	14	32 MPH	68 F	---
[07:00 AM-07:15 AM]	7	32 MPH	70 F	---
[07:15 AM-07:30 AM]	14	33 MPH	70 F	---
[07:30 AM-07:45 AM]	10	32 MPH	72 F	---
[07:45 AM-08:00 AM]	8	36 MPH	73 F	---
[08:00 AM-08:15 AM]	12	32 MPH	73 F	---
[08:15 AM-08:30 AM]	7	34 MPH	75 F	---
[08:30 AM-08:45 AM]	10	32 MPH	75 F	---
[08:45 AM-09:00 AM]	10	36 MPH	82 F	---
[09:00 AM-09:15 AM]	6	34 MPH	88 F	---
[09:15 AM-09:30 AM]	7	32 MPH	91 F	---
Fri,08/23/2019				
[09:30 AM-09:45 AM]	12	34 MPH	95 F	---
[09:45 AM-10:00 AM]	4	33 MPH	99 F	---
[10:00 AM-10:15 AM]	9	35 MPH	97 F	---
[10:15 AM-10:30 AM]	6	34 MPH	99 F	---
[10:30 AM-10:45 AM]	8	33 MPH	100 F	---
[10:45 AM-11:00 AM]	9	35 MPH	108 F	---
[11:00 AM-11:15 AM]	7	30 MPH	109 F	---
[11:15 AM-11:30 AM]	6	35 MPH	111 F	---
[11:30 AM-11:45 AM]	6	35 MPH	117 F	---
[11:45 AM-12:00 PM]	12	36 MPH	118 F	---
Fri,08/23/2019				
08/22/2019 12:00 PM	228	33 MPH	77 F	
08/23/2019 12:00 PM	662	34 MPH	87 F	



# LAKE COUNTY COUNCIL OF MAYORS

**RESOLUTION 110719LCC-05  
A RESOLUTION REQUESTING THE RECLASSIFICATION OF  
FRONTAGE ROAD BETWEEN  
ILLINOIS ROUTE 59 AND ILLINOIS ROUTE 134  
TO A MINOR COLLECTOR**

WHEREAS, the Chicago Metropolitan Agency for Planning (CMAP) and the Policy Committee as the Metropolitan Planning Organization for Northeastern Illinois has designated the CMAP Council of Mayors to program Surface Transportation Program (STP) funds; and

WHEREAS, the Lake County Council of Mayors is one of eleven sub-regional councils which was established to locally program STP funds; and

WHEREAS, the Lake County Council of Mayors has reviewed the system of collectors and arterials eligible and found that a certain change is desirable to reflect certain changes in traffic and development patterns in Lake County;

NOW, THEREFORE, BE IT RESOLVED that the Lake County Council of Mayors requests the reclassification of the following described local road to the classification of minor collector:

Frontage Road along the east side of US Route 12 between Illinois Route 59 and Illinois Route 134 in the Village of Fox Lake.

BE IT FURTHER RESOLVED that copies of this resolution will be forwarded to the Chicago Metropolitan Agency for Planning, the Lake County Engineer and the Illinois Department of Transportation Region 1/District 1 Engineer.

APPROVED AND ADOPTED this 7<sup>th</sup> day of November, A.D. 2019.

---

Leon Rockingham, Jr., Chairman  
Lake County Council of Mayors  
and  
Mayor, City of North Chicago

**Functional Classification Revision Request**

**Frontage Road (3)**

**IL Route 134 to IL Route 59**

**Local to Minor Collector**

# Appendix A

## Functional Classification Revision Request Template

1. Name(s) of proposed roadway to be reclassified:
  - Frontage Road
  
2. Name of agency requesting revision (roadway jurisdiction):  
*(An agency should not request reclassification of a roadway that is not under its own jurisdiction without the support of the maintaining jurisdiction. For a township-maintained street within a municipality, the township should agree to the change prior to Council of Mayors consideration.)*
  - Village of Fox Lake
  
3. Contact information (name, title, address, phone and email):
  - Kealan Noonan, Director of Public Works,  
Village of Fox Lake  
66 Thillen Drive  
Fox lake, IL 60020  
(847) 587-3974  
[noonank@foxlake.org](mailto:noonank@foxlake.org)
  
4. Council(s) of Mayors:
  - Lake County Council of Mayors
  
5. County(ies) containing roadway proposed to be reclassified:
  - Lake County
  
6. Township(s) containing roadway proposed to be reclassified:
  - Grant township
  
7. Additional roadway jurisdiction(s), if any, containing the roadway proposed to be reclassified:
  
  
8. Current functional classification for this roadway, as classified by IDOT:
  - Local Road or Street



9. Proposed functional classification for this roadway:

- Minor Collector

10. The IDOT [key route designation](#) number for this roadway:

*(This number is available on the IDOT [Getting Around Illinois](#) website. The key route designation number is the Key Route Type, a hyphen, and the Key Route Number from the map.)*

- 0-6088

11. Endpoints of proposed roadway to be reclassified

- North or West endpoint:
  - IL Route 59
- North or West endpoint road's functional classification:
  - Other Principal Arterial
- South or East endpoint:
  - IL 134/Big Hollow Road
- South or East endpoint road's functional classification:
  - Minor Arterial

12. Length of proposed roadway to be reclassified:

- 4,633 ft. (0.9 mi)

13. Current Average Annual Daily Traffic (AADT):

- 951 AADT, HI-STAR
- Begin: 08/22/2019 12:00 PM      End: 08/23/2019 12:00 PM

*(Provide AADT by segment if the AADT is not consistent along the entire route. Indicate the source and year of the AADT. Some AADT values are available on the IDOT [Getting Around Illinois](#) website. If the AADT is not from a published source, supply raw field data and provide the date(s), the day(s) of week, the hours of collection, and the type of equipment used to collect the traffic data. HI-STAR or equivalent technology is preferred.)*



14. Spacing:

- Provide the name of and distance to the next adjacent roadway (to the north or east) with the same classification as the subject road's proposed functional classification:
  - Sayton Road, 4,794 ft. (0.9 mi) northwest from the intersection of Frontage Road/W Longwood Drive to Sayton Road/Kings Road. Frontage Road transitions into Sayton Road.
  
- Provide the name of and distance to the next adjacent roadway (to the south or west) with the same classification as the subject road's proposed functional classification:
  - Nippersink Road, abuts to IL 134/Big Hollow Road

15. Indicate whether the proposed revision also requires a change (downgrade) to the functional classification of any adjacent roadways to accommodate the spacing requirements for this proposed functional classification revision:

*(Provide [key route designation](#) number and endpoints as well as road name and proposed change.)*

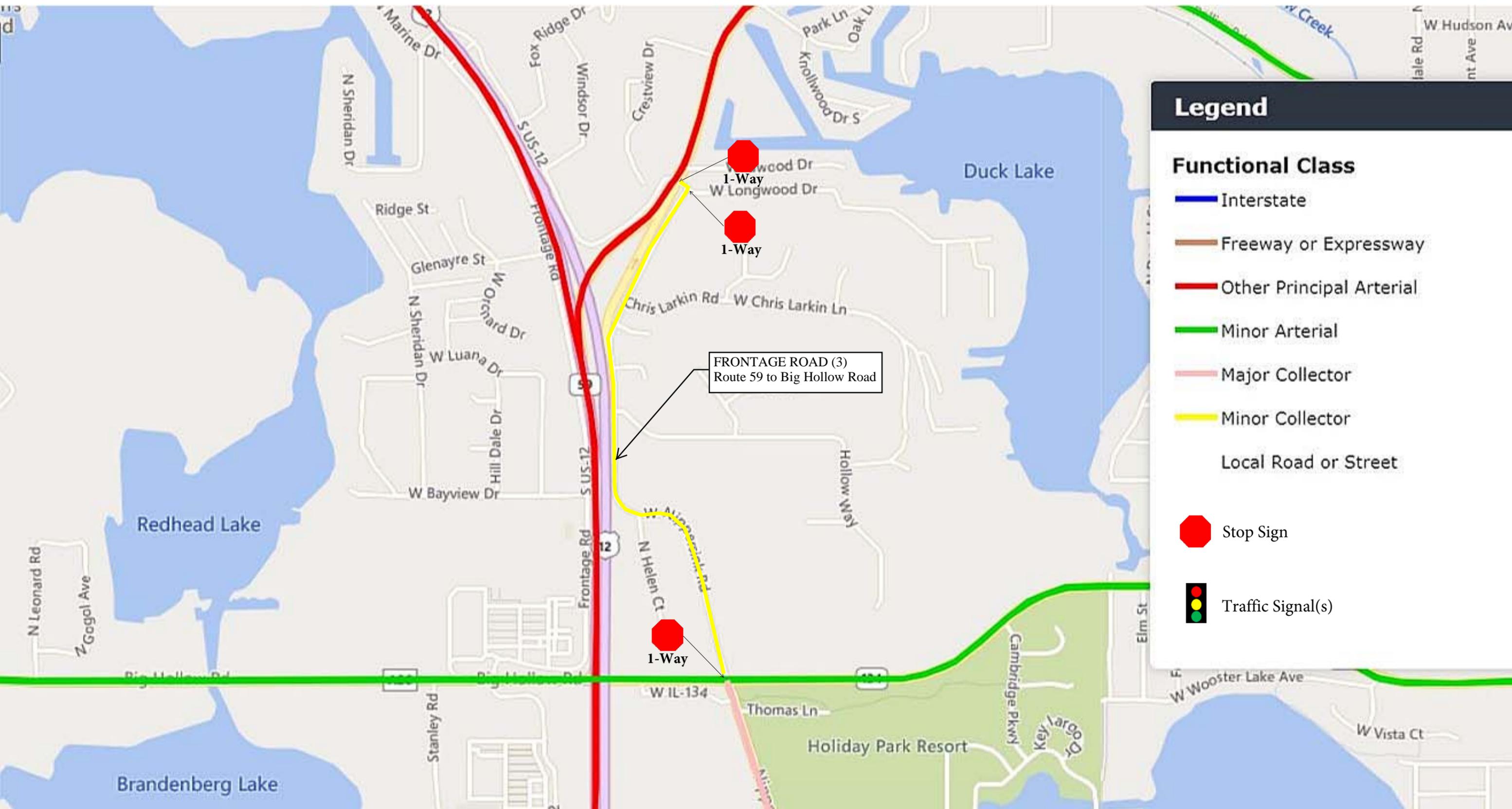
16. Access Management:

- How does the municipality or other jurisdiction plan to manage access along the road? Examples would be an access management ordinance, subdivision ordinance, or planned development ordinance.
  
- How many driveways now exist along the right-of-way?
  - 23 driveways
  
- Are left-turns controlled by raised or barrier-protected medians?
  - Left turns are not controlled by raised or barrier protected medians



17. Provide current and planned Traffic Signalization along proposed route:  
*(Mark locations on the map with a rectangle with three circles inside it, or similar; use the same symbol and write "future" by planned signals.)*
18. Provide current and planned Stop Sign Control on proposed route and on the cross-streets:  
*(Mark locations on the map with an octagon or similar; use the same symbols and write "future" by planned signs.)*
19. Major Traffic Generators along the proposed reclassified route:
- Crosspoint Church and connecting subdivisions
20. Justification for the proposed revision based on definitions, characteristics and spacing guidance provided:
- Frontage Road was a jurisdictional transfer from IDOT to the Village of Fox Lake.
  - Frontage Road collects significant traffic volume from local streets and distributes to IL Route 59 (Principal Arterial) and Big Hollow Road (Minor Arterial)
21. Provide any additional (optional) information or justification:
22. Attach Support Resolutions & Letters:
1. Local Council(s) of Mayors resolution(s) of support (required)
  2. Affected neighboring jurisdictions' letters of support (required)
  3. Requesting municipality's resolution of request (optional)





### Legend

**Functional Class**

- Interstate
- Freeway or Expressway
- Other Principal Arterial
- Minor Arterial
- Major Collector
- Minor Collector
- Local Road or Street

⬢ Stop Sign

⬢ Traffic Signal(s)

FRONTAGE ROAD (3)  
Route 59 to Big Hollow Road

1-Way

1-Way

1-Way

## Date/Time/Volume/Average Speed/Temperature Report

**Device ID:** 405195  
**Operator:**  
**Begin:** 08/22/2019 12:00 PM  
**End:** 08/23/2019 12:00 PM  
**Hours:** 24.00  
**Period (min):** 15

**Location:** longwood--N helen  
**Lane:** N  
**Street:** Forntage  
**City:** Fox Lake  
**County:**  
**State:** IL

**Raw Count:** 517  
**AADT Count:** 517  
**AADT Factor:** 1  
**Speed Limit:** 35

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface
Thu,08/22/2019				
[12:00 PM-12:15 PM]	3	37 MPH	109 F	---
[12:15 PM-12:30 PM]	8	38 MPH	115 F	---
[12:30 PM-12:45 PM]	3	41 MPH	106 F	---
[12:45 PM-01:00 PM]	5	40 MPH	106 F	---
[01:00 PM-01:15 PM]	8	42 MPH	113 F	---
[01:15 PM-01:30 PM]	8	39 MPH	118 F	---
[01:30 PM-01:45 PM]	7	36 MPH	120 F	---
[01:45 PM-02:00 PM]	4	39 MPH	122 F	---
[02:00 PM-02:15 PM]	13	36 MPH	122 F	---
[02:15 PM-02:30 PM]	5	39 MPH	122 F	---
[02:30 PM-02:45 PM]	7	40 MPH	124 F	---
[02:45 PM-03:00 PM]	12	37 MPH	122 F	---
[03:00 PM-03:15 PM]	8	38 MPH	122 F	---
[03:15 PM-03:30 PM]	7	43 MPH	120 F	---
[03:30 PM-03:45 PM]	16	40 MPH	120 F	---
[03:45 PM-04:00 PM]	21	39 MPH	117 F	---
[04:00 PM-04:15 PM]	14	40 MPH	115 F	---
[04:15 PM-04:30 PM]	4	42 MPH	113 F	---
[04:30 PM-04:45 PM]	12	40 MPH	111 F	---
[04:45 PM-05:00 PM]	12	36 MPH	109 F	---
[05:00 PM-05:15 PM]	6	38 MPH	108 F	---
[05:15 PM-05:30 PM]	15	40 MPH	104 F	---
[05:30 PM-05:45 PM]	13	40 MPH	102 F	---
[05:45 PM-06:00 PM]	11	39 MPH	100 F	---
[06:00 PM-06:15 PM]	11	39 MPH	97 F	---
[06:15 PM-06:30 PM]	10	43 MPH	93 F	---
[06:30 PM-06:45 PM]	8	43 MPH	91 F	---
[06:45 PM-07:00 PM]	13	39 MPH	86 F	---
[07:00 PM-07:15 PM]	11	35 MPH	82 F	---
[07:15 PM-07:30 PM]	3	36 MPH	81 F	---
[07:30 PM-07:45 PM]	4	42 MPH	79 F	---
[07:45 PM-08:00 PM]	4	36 MPH	77 F	---
[08:00 PM-08:15 PM]	6	37 MPH	77 F	---
[08:15 PM-08:30 PM]	2	33 MPH	75 F	---
[08:30 PM-08:45 PM]	2	38 MPH	73 F	---
[08:45 PM-09:00 PM]	4	38 MPH	73 F	---
[09:00 PM-09:15 PM]	4	31 MPH	73 F	---
[09:15 PM-09:30 PM]	5	37 MPH	72 F	---
[09:30 PM-09:45 PM]	3	41 MPH	72 F	---
[09:45 PM-10:00 PM]	1	32 MPH	72 F	---
[10:00 PM-10:15 PM]	0	0 MPH	70 F	---
[10:15 PM-10:30 PM]	0	0 MPH	70 F	---
[10:30 PM-10:45 PM]	1	28 MPH	70 F	---
[10:45 PM-11:00 PM]	0	0 MPH	70 F	---
Thu,08/22/2019				
[11:00 PM-11:15 PM]	2	40 MPH	68 F	---
[11:15 PM-11:30 PM]	2	40 MPH	68 F	---
[11:30 PM-11:45 PM]	0	0 MPH	68 F	---
[11:45 PM-12:00 AM]	0	0 MPH	68 F	---
Thu,08/22/2019				
318				
39 MPH				
95 F				
Fri,08/23/2019				
[12:00 AM-12:15 AM]	1	42 MPH	68 F	---
[12:15 AM-12:30 AM]	0	0 MPH	68 F	---
[12:30 AM-12:45 AM]	1	42 MPH	66 F	---
[12:45 AM-01:00 AM]	1	48 MPH	66 F	---
[01:00 AM-01:15 AM]	0	0 MPH	66 F	---
[01:15 AM-01:30 AM]	0	0 MPH	66 F	---

[01:30 AM-01:45 AM]	0	0 MPH	64 F	---
[01:45 AM-02:00 AM]	0	0 MPH	64 F	---
[02:00 AM-02:15 AM]	0	0 MPH	64 F	---
[02:15 AM-02:30 AM]	1	58 MPH	64 F	---
[02:30 AM-02:45 AM]	0	0 MPH	64 F	---
[02:45 AM-03:00 AM]	1	32 MPH	64 F	---
[03:00 AM-03:15 AM]	0	0 MPH	64 F	---
[03:15 AM-03:30 AM]	0	0 MPH	64 F	---
[03:30 AM-03:45 AM]	0	0 MPH	64 F	---
[03:45 AM-04:00 AM]	0	0 MPH	63 F	---
[04:00 AM-04:15 AM]	0	0 MPH	63 F	---
[04:15 AM-04:30 AM]	1	48 MPH	63 F	---
[04:30 AM-04:45 AM]	4	38 MPH	63 F	---
[04:45 AM-05:00 AM]	1	32 MPH	64 F	---
[05:00 AM-05:15 AM]	1	52 MPH	64 F	---
[05:15 AM-05:30 AM]	0	0 MPH	66 F	---
[05:30 AM-05:45 AM]	3	34 MPH	66 F	---
[05:45 AM-06:00 AM]	2	40 MPH	66 F	---
[06:00 AM-06:15 AM]	4	35 MPH	64 F	---
[06:15 AM-06:30 AM]	3	36 MPH	64 F	---
[06:30 AM-06:45 AM]	1	32 MPH	66 F	---
[06:45 AM-07:00 AM]	8	35 MPH	66 F	---
[07:00 AM-07:15 AM]	8	36 MPH	68 F	---
[07:15 AM-07:30 AM]	20	38 MPH	70 F	---
[07:30 AM-07:45 AM]	14	36 MPH	73 F	---
[07:45 AM-08:00 AM]	9	40 MPH	75 F	---
[08:00 AM-08:15 AM]	8	35 MPH	79 F	---
[08:15 AM-08:30 AM]	6	34 MPH	81 F	---
[08:30 AM-08:45 AM]	9	39 MPH	86 F	---
[08:45 AM-09:00 AM]	7	40 MPH	88 F	---
[09:00 AM-09:15 AM]	5	38 MPH	91 F	---
[09:15 AM-09:30 AM]	5	42 MPH	91 F	---
Fri,08/23/2019				
[09:30 AM-09:45 AM]	4	40 MPH	90 F	---
[09:45 AM-10:00 AM]	9	36 MPH	93 F	---
[10:00 AM-10:15 AM]	9	38 MPH	93 F	---
[10:15 AM-10:30 AM]	8	36 MPH	95 F	---
[10:30 AM-10:45 AM]	5	38 MPH	100 F	---
[10:45 AM-11:00 AM]	3	41 MPH	104 F	---
[11:00 AM-11:15 AM]	7	40 MPH	109 F	---
[11:15 AM-11:30 AM]	7	40 MPH	113 F	---
[11:30 AM-11:45 AM]	13	40 MPH	109 F	---
[11:45 AM-12:00 PM]	10	40 MPH	115 F	---
Fri,08/23/2019				
08/22/2019 12:00 PM	199	38 MPH	76 F	
08/23/2019 12:00 PM	517	38 MPH	85 F	

## Date/Time/Volume/Average Speed/Temperature Report

**Device ID:** 405196  
**Operator:**  
**Begin:** 08/22/2019 12:00 PM  
**End:** 08/23/2019 12:00 PM  
**Hours:** 24.00  
**Period (min):** 15

**Location:** longwood--N helen  
**Lane:** S  
**Street:** Forntage  
**City:** Fox Lake  
**County:**  
**State:** IL

**Raw Count:** 434  
**AADT Count:** 434  
**AADT Factor:** 1  
**Speed Limit:** 35

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface
Thu,08/22/2019				
[12:00 PM-12:15 PM]	6	50 MPH	109 F	---
[12:15 PM-12:30 PM]	10	40 MPH	115 F	---
[12:30 PM-12:45 PM]	5	40 MPH	104 F	---
[12:45 PM-01:00 PM]	10	38 MPH	106 F	---
[01:00 PM-01:15 PM]	2	35 MPH	113 F	---
[01:15 PM-01:30 PM]	4	41 MPH	117 F	---
[01:30 PM-01:45 PM]	4	28 MPH	118 F	---
[01:45 PM-02:00 PM]	6	39 MPH	120 F	---
[02:00 PM-02:15 PM]	6	41 MPH	120 F	---
[02:15 PM-02:30 PM]	4	43 MPH	120 F	---
[02:30 PM-02:45 PM]	9	42 MPH	122 F	---
[02:45 PM-03:00 PM]	5	28 MPH	120 F	---
[03:00 PM-03:15 PM]	4	42 MPH	120 F	---
[03:15 PM-03:30 PM]	14	39 MPH	118 F	---
[03:30 PM-03:45 PM]	13	38 MPH	118 F	---
[03:45 PM-04:00 PM]	3	37 MPH	117 F	---
[04:00 PM-04:15 PM]	5	36 MPH	115 F	---
[04:15 PM-04:30 PM]	6	38 MPH	113 F	---
[04:30 PM-04:45 PM]	4	36 MPH	111 F	---
[04:45 PM-05:00 PM]	3	36 MPH	109 F	---
[05:00 PM-05:15 PM]	12	40 MPH	106 F	---
[05:15 PM-05:30 PM]	4	28 MPH	104 F	---
[05:30 PM-05:45 PM]	6	41 MPH	102 F	---
[05:45 PM-06:00 PM]	9	38 MPH	100 F	---
[06:00 PM-06:15 PM]	3	41 MPH	97 F	---
[06:15 PM-06:30 PM]	7	42 MPH	95 F	---
[06:30 PM-06:45 PM]	11	39 MPH	91 F	---
[06:45 PM-07:00 PM]	14	43 MPH	86 F	---
[07:00 PM-07:15 PM]	8	41 MPH	84 F	---
[07:15 PM-07:30 PM]	8	38 MPH	81 F	---
[07:30 PM-07:45 PM]	7	35 MPH	79 F	---
[07:45 PM-08:00 PM]	2	38 MPH	79 F	---
[08:00 PM-08:15 PM]	0	0 MPH	77 F	---
[08:15 PM-08:30 PM]	3	36 MPH	75 F	---
[08:30 PM-08:45 PM]	3	36 MPH	75 F	---
[08:45 PM-09:00 PM]	7	38 MPH	75 F	---
[09:00 PM-09:15 PM]	2	30 MPH	73 F	---
[09:15 PM-09:30 PM]	2	33 MPH	73 F	---
[09:30 PM-09:45 PM]	2	35 MPH	72 F	---
[09:45 PM-10:00 PM]	3	34 MPH	72 F	---
[10:00 PM-10:15 PM]	2	37 MPH	72 F	---
[10:15 PM-10:30 PM]	0	0 MPH	72 F	---
[10:30 PM-10:45 PM]	1	22 MPH	70 F	---
[10:45 PM-11:00 PM]	2	45 MPH	70 F	---
Thu,08/22/2019				
[11:00 PM-11:15 PM]	2	35 MPH	70 F	---
[11:15 PM-11:30 PM]	0	0 MPH	70 F	---
[11:30 PM-11:45 PM]	0	0 MPH	68 F	---
[11:45 PM-12:00 AM]	0	0 MPH	68 F	---
Thu,08/22/2019				
	243	39 MPH	95 F	
Fri,08/23/2019				
[12:00 AM-12:15 AM]	1	32 MPH	68 F	---
[12:15 AM-12:30 AM]	0	0 MPH	68 F	---
[12:30 AM-12:45 AM]	0	0 MPH	68 F	---
[12:45 AM-01:00 AM]	0	0 MPH	68 F	---
[01:00 AM-01:15 AM]	1	38 MPH	68 F	---
[01:15 AM-01:30 AM]	0	0 MPH	66 F	---

[01:30 AM-01:45 AM]	0	0 MPH	66 F	---
[01:45 AM-02:00 AM]	0	0 MPH	66 F	---
[02:00 AM-02:15 AM]	0	0 MPH	66 F	---
[02:15 AM-02:30 AM]	1	22 MPH	66 F	---
[02:30 AM-02:45 AM]	0	0 MPH	64 F	---
[02:45 AM-03:00 AM]	0	0 MPH	64 F	---
[03:00 AM-03:15 AM]	0	0 MPH	64 F	---
[03:15 AM-03:30 AM]	1	48 MPH	64 F	---
[03:30 AM-03:45 AM]	0	0 MPH	64 F	---
[03:45 AM-04:00 AM]	0	0 MPH	64 F	---
[04:00 AM-04:15 AM]	0	0 MPH	64 F	---
[04:15 AM-04:30 AM]	3	34 MPH	64 F	---
[04:30 AM-04:45 AM]	2	35 MPH	64 F	---
[04:45 AM-05:00 AM]	3	37 MPH	64 F	---
[05:00 AM-05:15 AM]	4	33 MPH	66 F	---
[05:15 AM-05:30 AM]	2	35 MPH	66 F	---
[05:30 AM-05:45 AM]	2	40 MPH	66 F	---
[05:45 AM-06:00 AM]	3	43 MPH	66 F	---
[06:00 AM-06:15 AM]	4	32 MPH	66 F	---
[06:15 AM-06:30 AM]	3	31 MPH	66 F	---
[06:30 AM-06:45 AM]	8	41 MPH	66 F	---
[06:45 AM-07:00 AM]	8	45 MPH	68 F	---
[07:00 AM-07:15 AM]	6	38 MPH	70 F	---
[07:15 AM-07:30 AM]	12	37 MPH	70 F	---
[07:30 AM-07:45 AM]	12	40 MPH	75 F	---
[07:45 AM-08:00 AM]	11	38 MPH	77 F	---
[08:00 AM-08:15 AM]	12	35 MPH	79 F	---
[08:15 AM-08:30 AM]	10	40 MPH	82 F	---
[08:30 AM-08:45 AM]	5	37 MPH	88 F	---
[08:45 AM-09:00 AM]	9	40 MPH	88 F	---
[09:00 AM-09:15 AM]	5	41 MPH	91 F	---
[09:15 AM-09:30 AM]	8	40 MPH	88 F	---
Fri,08/23/2019				
[09:30 AM-09:45 AM]	8	43 MPH	91 F	---
[09:45 AM-10:00 AM]	2	23 MPH	97 F	---
[10:00 AM-10:15 AM]	8	38 MPH	97 F	---
[10:15 AM-10:30 AM]	5	40 MPH	97 F	---
[10:30 AM-10:45 AM]	7	38 MPH	100 F	---
[10:45 AM-11:00 AM]	6	40 MPH	106 F	---
[11:00 AM-11:15 AM]	2	35 MPH	109 F	---
[11:15 AM-11:30 AM]	5	43 MPH	113 F	---
[11:30 AM-11:45 AM]	6	40 MPH	109 F	---
[11:45 AM-12:00 PM]	6	40 MPH	115 F	---
Fri,08/23/2019				
	191	38 MPH	77 F	
08/22/2019 12:00 PM				
08/23/2019 12:00 PM	434	39 MPH	86 F	



# LAKE COUNTY COUNCIL OF MAYORS

**RESOLUTION 110719LCC-06  
A RESOLUTION REQUESTING THE RECLASSIFICATION OF  
BONNIE BROOK LANE BETWEEN  
GREEN BAY ROAD AND MCAREE ROAD  
TO A MINOR COLLECTOR**

WHEREAS, the Chicago Metropolitan Agency for Planning (CMAP) and the Policy Committee as the Metropolitan Planning Organization for Northeastern Illinois has designated the CMAP Council of Mayors to program Surface Transportation Program (STP) funds; and

WHEREAS, the Lake County Council of Mayors is one of eleven sub-regional councils which was established to locally program STP funds; and

WHEREAS, the Lake County Council of Mayors has reviewed the system of collectors and arterials eligible and found that a certain change is desirable to reflect certain changes in traffic and development patterns in Lake County;

NOW, THEREFORE, BE IT RESOLVED that the Lake County Council of Mayors requests the reclassification of the following described local road to the classification of minor collector:

Bonnie Brook Lane between Green Bay Road and McAree Road in the Village of Beach Park and the City of Waukegan.

BE IT FURTHER RESOLVED that copies of this resolution will be forwarded to the Chicago Metropolitan Agency for Planning, the Lake County Engineer and the Illinois Department of Transportation Region 1/District 1 Engineer.

APPROVED AND ADOPTED this 7<sup>th</sup> day of November, A.D. 2019.

---

Leon Rockingham, Jr., Chairman  
Lake County Council of Mayors  
and  
Mayor, City of North Chicago



# Village of Beach Park

11270 W. Wadsworth Rd. • Beach Park, IL 60099 • (847) 746-1770 • Fax (847) 746-1797 • www.villageofbeachpark.com

October 11, 2019

Lake County Council of Mayors  
600 Winchester Road  
Libertyville, IL 60048

Attention: Emily Karry

Subject: Village of Beach Park  
Functional Classification Revision

Dear Mrs. Karry,

The Village of Beach Park is submitting a copy of the Functional Classification Revision Application for the following route:

Route Name	Termini	Length (miles)
Bonnie Brook Lane	Green Bay Road to McAree Road	0.73

The route listed above functions as a collector route that serves as an intermediate link between the arterial system and points of origin and destination. The route includes the following characteristics:

- Provides both access and traffic circulation within residential neighborhoods and commercial areas.
- Extends thru residential neighborhoods to collect and distribute trips to and from the arterial system.
- It is spaced approximately for a collector street.

If you have any questions, please do not hesitate to contact me or the Public Works Director, Adrian Marquez.

Sincerely,

John Hucker  
Beach Park Mayor

**Mayor** John Hucker

**Trustees**

Regina Miller

Larry Wells

Don Jensen

Richard Gust

Mark Ottersen

Linda Sittig

**Clerk** Mary Jo McDonald

# Appendix A

## Functional Classification Revision Request Template

1. Name(s) of proposed roadway to be reclassified:

Bonnie Brook Lane

2. Name of agency requesting revision (roadway jurisdiction):

*(An agency should not request reclassification of a roadway that is not under its own jurisdiction without the support of the maintaining jurisdiction. For a township-maintained street within a municipality, the township should agree to the change prior to Council of Mayors consideration.)*

Village of Beach Park

3. Contact information (name, title, address, phone and email):

Adrian Marquez, Public Works Director  
11270 W Wadsworth Road, Beach Park, Illinois 60099  
phone: (847) 246-6062 email: Adrian.Marquez@villageofbeachpark.com

4. Council(s) of Mayors:

Lake County Council of Mayors

5. County(ies) containing roadway proposed to be reclassified:

Lake

6. Township(s) containing roadway proposed to be reclassified:

Waukegan

7. Additional roadway jurisdiction(s), if any, containing the roadway proposed to be reclassified:

City of Waukegan

8. Current functional classification for this roadway, as classified by IDOT:

Local Road



9. Proposed functional classification for this roadway:

Minor Collector

10. The IDOT [key route designation](#) number for this roadway:

*(This number is available on the IDOT [Getting Around Illinois](#) website. The key route designation number is the Key Route Type, a hyphen, and the Key Route Number from the map.)*

0-1063

11. Endpoints of proposed roadway to be reclassified

- North or West endpoint:

Green Bay Road (west) 9-2711

- North or West endpoint road's functional classification:

Minor Arterial

- South or East endpoint:

McAree Road (east) 9-2726

- South or East endpoint road's functional classification:

Major Collector

12. Length of proposed roadway to be reclassified:

0.73 miles

13. Current Average Annual Daily Traffic (AADT):

1,004 (provided by Quality Counts, LLC - 2018)

*(Provide AADT by segment if the AADT is not consistent along the entire route. Indicate the source and year of the AADT. Some AADT values are available on the IDOT [Getting Around Illinois](#) website. If the AADT is not from a published source, supply raw field data and provide the date(s), the day(s) of week, the hours of collection, and the type of equipment used to collect the traffic data. HI-STAR or equivalent technology is preferred.)*



14. Spacing:

- Provide the name of and distance to the next adjacent roadway (to the north or east) with the same classification as the subject road's proposed functional classification:  
29th Street (2.62 miles north) 9-1207
- Provide the name of and distance to the next adjacent roadway (to the south or west) with the same classification as the subject road's proposed functional classification:  
Blanchard Road (0.37 miles south) 9-1212

15. Indicate whether the proposed revision also requires a change (downgrade) to the functional classification of any adjacent roadways to accommodate the spacing requirements for this proposed functional classification revision:

N/A

*(Provide [key route designation](#) number and endpoints as well as road name and proposed change.)*

16. Access Management:

- How does the municipality or other jurisdiction plan to manage access along the road? Examples would be an access management ordinance, subdivision ordinance, or planned development ordinance.

N/A

- How many driveways now exist along the right-of-way?

54

- Are left-turns controlled by raised or barrier-protected medians?

No



17. Provide current and planned Traffic Signalization along proposed route:  
*(Mark locations on the map with a rectangle with three circles inside it, or similar; use the same symbol and write "future" by planned signals.)*

See attached exhibit, where there is no current/planned signalization at this time.

18. Provide current and planned Stop Sign Control on proposed route and on the cross-streets:  
*(Mark locations on the map with an octagon or similar; use the same symbols and write "future" by planned signs.)*

See attached exhibit for existing stop sign configurations and no future stop control is planned at this time.

19. Major Traffic Generators along the proposed reclassified route:

Residential subdivisions to the north and south

20. Justification for the proposed revision based on definitions, characteristics and spacing guidance provided:

Bonnie Brook provides access and distributes traffic from local streets to an area that includes a Minor Arterial (Green Bay Road #9-2711) and a Major Collector (McAree Road #9-2726), as well as serving an intermediate link between points of origin/destination and major roadways within the area.

*("To establish federal funding eligibility" is NOT a justification.)*

21. Provide any additional (optional) information or justification:

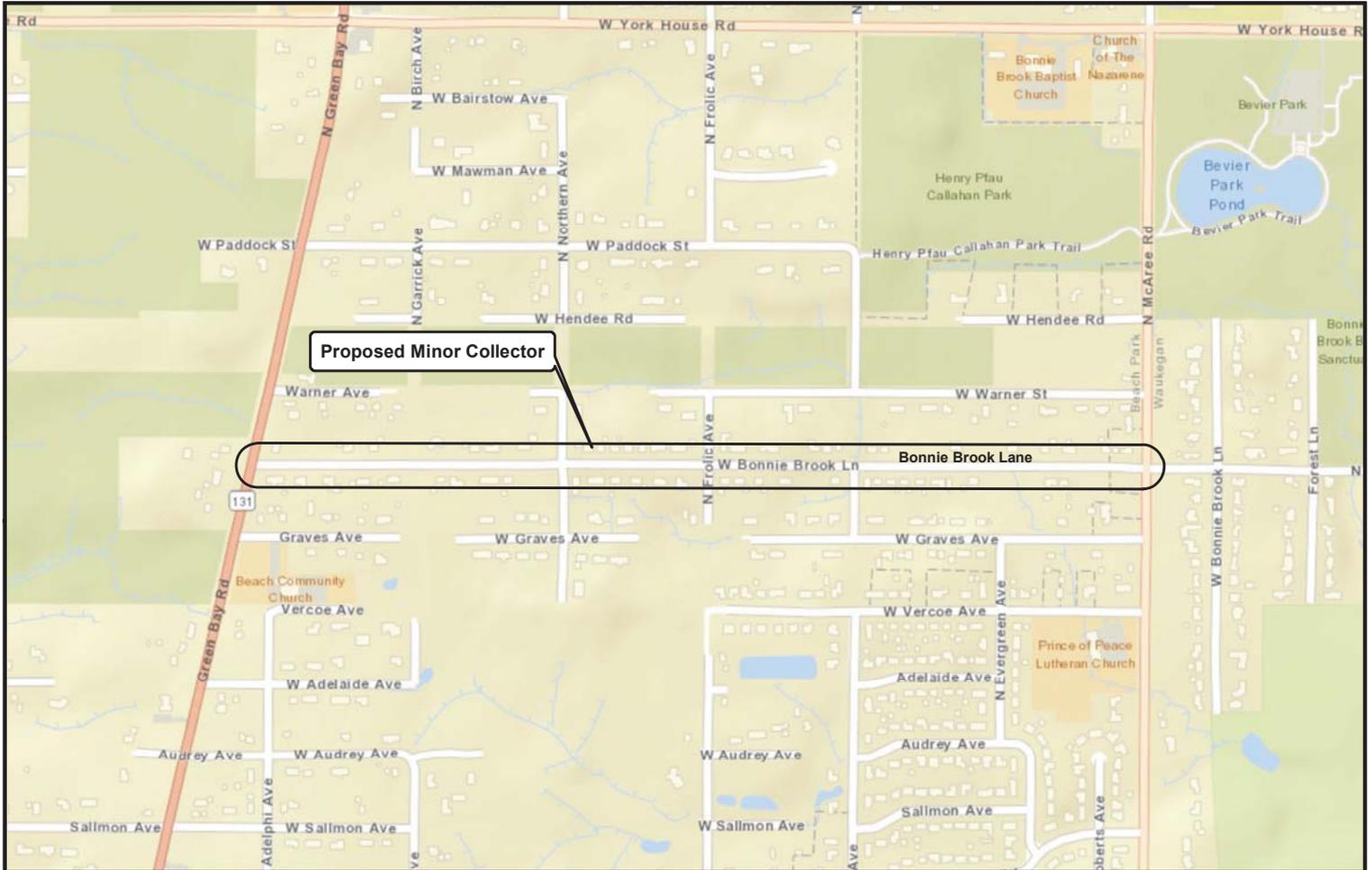
N/A

22. Attach Support Resolutions & Letters:

1. Local Council(s) of Mayors resolution(s) of support (required)
2. Affected neighboring jurisdictions' letters of support (required)
3. Requesting municipality's resolution of request (optional)



L:\GIS\Illinois\Municipality\Beach Park\Functional Class Roadways\BONNIE BROOK LOCATION MAP.mxd



900 Woodlands Parkway, Vernon Hills, Illinois 60061  
 ph: 847-634-5550 manhard.com



1 in = 600 ft  
 Date: 12/29/18

**BONNIE BROOK LANE  
 LOCATION MAP  
 BEACH PARK, LAKE COUNTY, IL**

Proj:BPBP1

MANHARD CONSULTING ALL RIGHTS RESERVED

L:\GIS\Illinois\Municipality\Beach Park\Functional Class Roadways\BONNIE BROOK FUNCTIONAL CLASSIFICATION.mxd



**Legend**

- Interstate
- Freeway or Expressway
- Other Principal Arterial
- Minor Arterial
- Major Collector
- Minor Collector
- Local Road or Street



900 Woodlands Parkway, Vernon Hills, Illinois 60061  
 ph: 847-634-5550 manhard.com

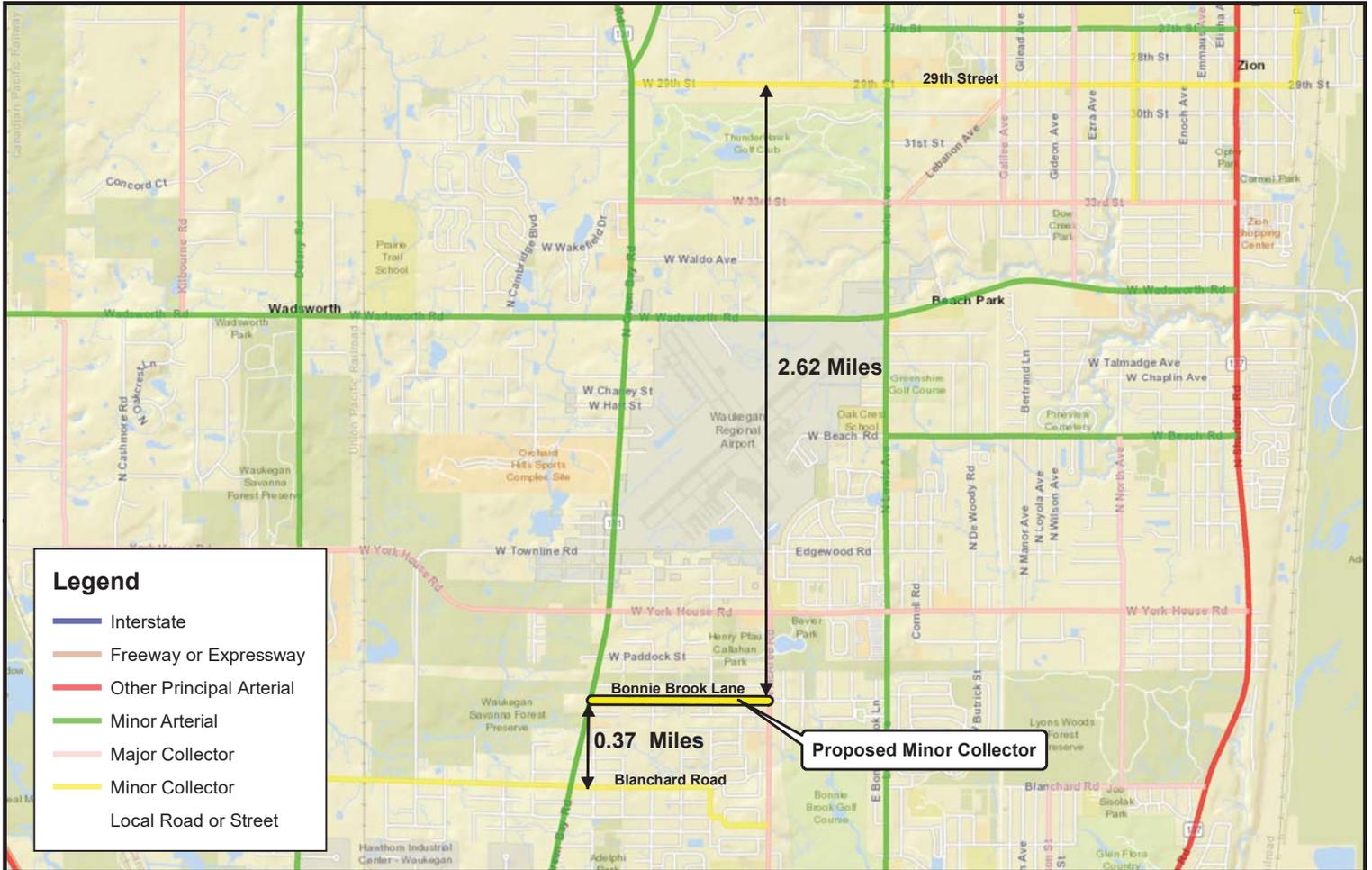


1 in = 600 ft  
 Date: 12/29/18

**BONNIE BROOK LANE  
 FUNCTIONAL CLASSIFICATION MAP  
 BEACH PARK, LAKE COUNTY, IL**

Proj:BPBP1

L:\GIS\Illinois\Municipality\Beach Park\Functional Class Roadways\BONNIE BROOK DISTANCE TO MINOR COLLECTOR.mxd



**Legend**

- Interstate
- Freeway or Expressway
- Other Principal Arterial
- Minor Arterial
- Major Collector
- Minor Collector
- Local Road or Street



**Manhard**  
CONSULTING

900 Woodlands Parkway, Vernon Hills, Illinois 60061  
ph: 847-634-5550 manhard.com



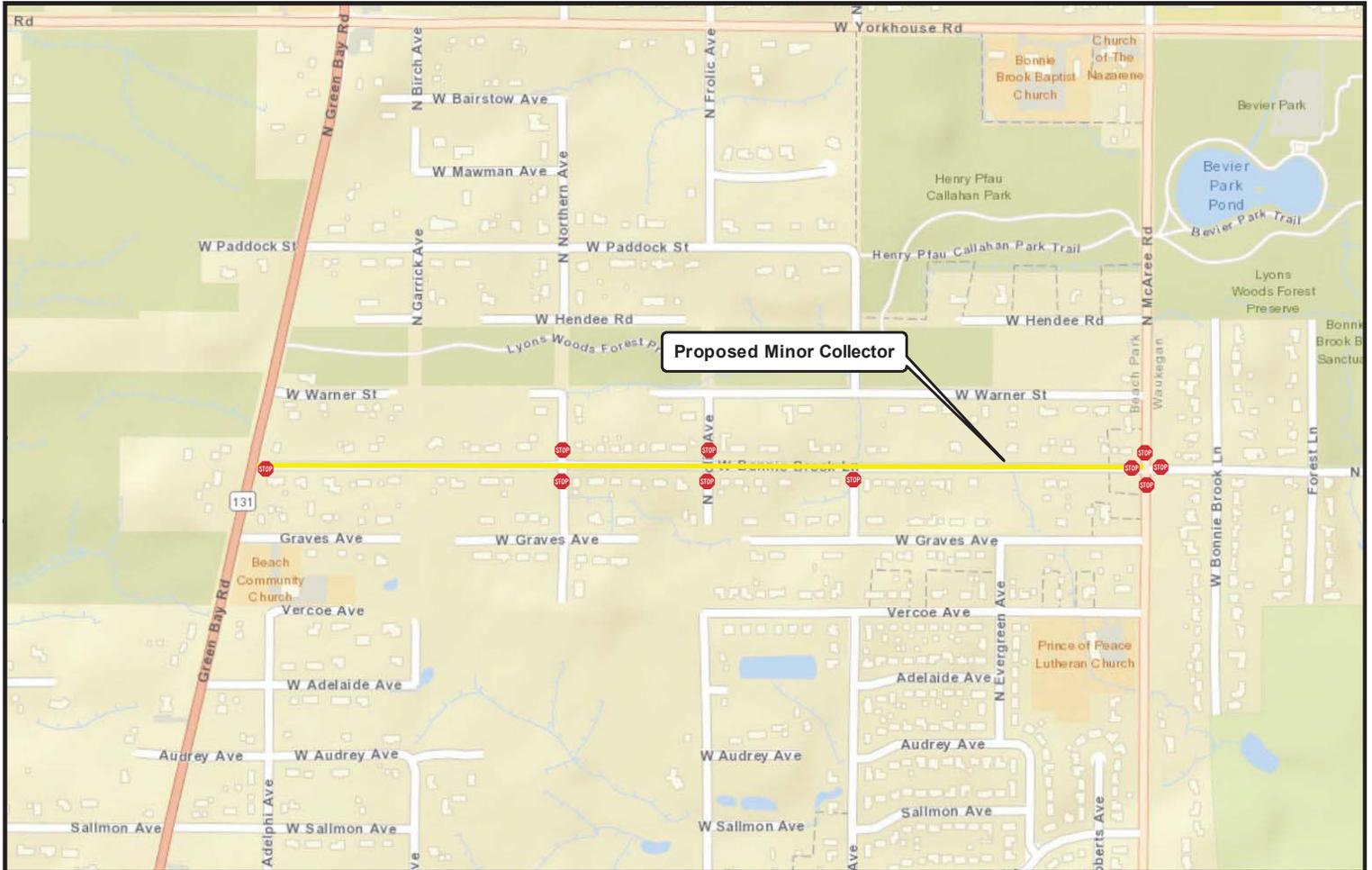
**NORTH**

1 in = 3,000 ft  
Date: 12/29/18

**BONNIE BROOK LANE  
FUNCTIONAL CLASSIFICATION MAP  
BEACH PARK, LAKE COUNTY, IL**

Proj:BPBP1

MANHARD CONSULTING ALL RIGHTS RESERVED



900 Woodlands Parkway, Vernon Hills, Illinois 60061  
 ph: 847-634-5550 manhard.com



1 in = 600 ft  
 Date: Rev. 10/11/19

**BONNIE BROOK LANE  
 STOP SIGN/TRAFFIC SIGNAL CONTROL MAP  
 BEACH PARK, LAKE COUNTY, IL**

Proj: BPBP1

<b>LOCATION:</b> Bonnie Brook LN W of McAree <b>SPECIFIC LOCATION:</b> Bonnie Brook LN W of McAree <b>CITY/STATE:</b> Beach Park, IL										<b>QC JOB #:</b> 14782901 <b>DIRECTION:</b> EB/WB <b>DATE:</b> Sep 05 2018 - Sep 05 2018	
Start Time	Mon	Tue	Wed 05-Sep-18	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile	
12:00 AM			0			0			0		
12:15 AM			1			1			1		
12:30 AM			0			0			0		
12:45 AM			1			1			1		
1:00 AM			0			0			0		
1:15 AM			2			2			2		
1:30 AM			0			0			0		
1:45 AM			0			0			0		
2:00 AM			1			1			1		
2:15 AM			2			2			2		
2:30 AM			1			1			1		
2:45 AM			0			0			0		
3:00 AM			2			2			2		
3:15 AM			1			1			1		
3:30 AM			0			0			0		
3:45 AM			2			2			2		
4:00 AM			1			1			1		
4:15 AM			1			1			1		
4:30 AM			12			12			12		
4:45 AM			19			19			19		
5:00 AM			35			35			35		
5:15 AM			28			28			28		
5:30 AM			158			158			158		
5:45 AM			111			111			111		
Day Total											
% Weekday Average											
% Week Average											
AM Peak Volume											
PM Peak Volume											
Comments:											

<b>LOCATION:</b> Bonnie Brook LN W of McAree <b>SPECIFIC LOCATION:</b> Bonnie Brook LN W of McAree <b>CITY/STATE:</b> Beach Park, IL							<b>QC JOB #:</b> 14782901 <b>DIRECTION:</b> EB/WB <b>DATE:</b> Sep 05 2018 - Sep 05 2018			
Start Time	Mon	Tue	Wed 05-Sep-18	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
6:00 AM			131			131			131	
6:15 AM			6			6			6	
6:30 AM			10			10			10	
6:45 AM			6			6			6	
7:00 AM			9			9			9	
7:15 AM			11			11			11	
7:30 AM			8			8			8	
7:45 AM			7			7			7	
8:00 AM			5			5			5	
8:15 AM			8			8			8	
8:30 AM			4			4			4	
8:45 AM			8			8			8	
9:00 AM			6			6			6	
9:15 AM			4			4			4	
9:30 AM			10			10			10	
9:45 AM			7			7			7	
10:00 AM			7			7			7	
10:15 AM			5			5			5	
10:30 AM			3			3			3	
10:45 AM			4			4			4	
11:00 AM			10			10			10	
11:15 AM			5			5			5	
11:30 AM			3			3			3	
11:45 AM			7			7			7	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
Comments:										

<b>LOCATION:</b> Bonnie Brook LN W of McAree <b>SPECIFIC LOCATION:</b> Bonnie Brook LN W of McAree <b>CITY/STATE:</b> Beach Park, IL										<b>QC JOB #:</b> 14782901 <b>DIRECTION:</b> EB/WB <b>DATE:</b> Sep 05 2018 - Sep 05 2018	
Start Time	Mon	Tue	Wed 05-Sep-18	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile	
12:00 PM			1			1			1		
12:15 PM			9			9			9		
12:30 PM			12			12			12		
12:45 PM			16			16			16		
1:00 PM			5			5			5		
1:15 PM			14			14			14		
1:30 PM			7			7			7		
1:45 PM			7			7			7		
2:00 PM			1			1			1		
2:15 PM			8			8			8		
2:30 PM			11			11			11		
2:45 PM			12			12			12		
3:00 PM			6			6			6		
3:15 PM			13			13			13		
3:30 PM			9			9			9		
3:45 PM			18			18			18		
4:00 PM			6			6			6		
4:15 PM			14			14			14		
4:30 PM			8			8			8		
4:45 PM			5			5			5		
5:00 PM			7			7			7		
5:15 PM			14			14			14		
5:30 PM			12			12			12		
5:45 PM			14			14			14		
Day Total											
% Weekday Average											
% Week Average											
AM Peak Volume											
PM Peak Volume											
Comments:											

<b>LOCATION:</b> Bonnie Brook LN W of McAree <b>SPECIFIC LOCATION:</b> Bonnie Brook LN W of McAree <b>CITY/STATE:</b> Beach Park, IL							<b>QC JOB #:</b> 14782901 <b>DIRECTION:</b> EB/WB <b>DATE:</b> Sep 05 2018 - Sep 05 2018			
Start Time	Mon	Tue	Wed 05-Sep-18	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
6:00 PM			10			10			10	
6:15 PM			6			6			6	
6:30 PM			9			9			9	
6:45 PM			11			11			11	
7:00 PM			11			11			11	
7:15 PM			6			6			6	
7:30 PM			2			2			2	
7:45 PM			8			8			8	
8:00 PM			2			2			2	
8:15 PM			5			5			5	
8:30 PM			8			8			8	
8:45 PM			3			3			3	
9:00 PM			5			5			5	
9:15 PM			3			3			3	
9:30 PM			5			5			5	
9:45 PM			1			1			1	
10:00 PM			2			2			2	
10:15 PM			1			1			1	
10:30 PM			2			2			2	
10:45 PM			3			3			3	
11:00 PM			3			3			3	
11:15 PM			3			3			3	
11:30 PM			2			2			2	
11:45 PM			2			2			2	
<b>Day Total</b>			1004			1004			1004	
% Weekday Average			100.0%							
% Week Average			100.0%			100.0%				
AM Peak			5:30 AM			5:30 AM			5:30 AM	
Volume			158			158			158	
PM Peak			3:45 PM			3:45 PM			3:45 PM	
Volume			18			18			18	
<i>Comments:</i>										



# WAUKEGAN

City of Progress *Illinois*

**Sam Cunningham, Mayor**  
Janet E. Kilkelly, City Clerk  
Dr. John R. Schwab, Treasurer

(847) 599-2500

September 25, 2019

Emily J. Karry, P.E.  
Council Liaison  
Lake County Council of Mayors  
c/o Lake County Division of Transportation  
600 W Winchester Road, Libertyville, Illinois 60048



Dear Ms. Karry:

The City of Waukegan has been advised of the Village of Beach Parks' request to change the functional classification of North Bonnie Brook Lane (Green Bay Road to McAree Road) to a minor collector. We feel with the existing traffic and accessibility of this roadway between Green Bay Road and McAree Road would be an excellent roadway to be classified as such under FAU designation. Based on this, Waukegan supports the Village of Beach Parks' request for the change in classification.

If you have any questions, please do not hesitate to contact the department staff or me.

Sincerely,

Mike Hewitt  
Director of Public Works



# LAKE COUNTY COUNCIL OF MAYORS

## 2020 Meeting Schedule

LCCOM Transportation Committee	Lake County Council of Mayors Meeting
January 23, 2020	February 6, 2020
April 23, 2020	May 7, 2020
June 18, 2020	June 25, 2020
August 20, 2020	August 27, 2020
October 22, 2020	

### **LCCOM Active Program Management Training**

Mandatory for All Sponsors with a project in the staff recommended  
Active or Contingency Program for the LCCOM FY2021-2025 Program

July 23, 2020

All meetings will be at 9:00 am at the Lake County Division of Transportation in Libertyville

600 W. Winchester Rd,  
Libertyville, IL 60048



# LAKE COUNTY COUNCIL OF MAYORS

## **2020 STP-L Call for Projects Development Timeline**

- **January 30, 2020**- Call for Projects Opens
- **March 30, 2020**- STP-L Call for Projects Closes- Applications Due
- **March 31- June 4, 2020**- Application Scoring and Ranking
- **June 18, 2020**<sup>1</sup>- LCCOM Transportation Committee Meeting
  - Recommend staff developed Active and Contingency programs released for Public Comment
- **June 25, 2020**<sup>1</sup>- LCCOM Full Council Meeting
  - Release of Staff Active and Contingency Programs for public comment
- **July 1, 2020** - Recommended STP-L Programs Public Comment Period Opens
- **July 23, 2020**<sup>1</sup>- Required Active Program Management Training for Project Sponsors
- **August 1, 2020**- Recommended STP-L Programs Public Comment Period Closes
- **August 20, 2020**<sup>1</sup>- LCCOM Transportation Committee Meeting
  - Review any public comment received
  - Recommend approval of Active and Contingency Programs to Full Council
- **August 27, 2020**<sup>1</sup>- LCCOM Full Council Meeting
  - Review any public comment received
  - Approval of LCCOM STP-L FFY2021-2025 Active Program
  - Approval of LCCOM STP-L FFY2021-2022 Contingency Program
- **September 15, 2020**<sup>2</sup>- TIP Changes Due for Approved STP Program
- **September 25, 2020**<sup>2</sup>- TIP Changes Approved by CMAP Transportation Committee
- **October 15, 2020**<sup>2</sup>- MPO Policy Committee Approves new projects in TIP
- **October 16, 2020**- First Day for PPI submission to IDOT
- **October 19, 2020**<sup>3</sup>- First Day for Draft Phase II Engineering Agreements to be submitted
- **April 2021-June 2021**- First available IDOT Letting for new projects (subject to availability of funds)

<sup>1</sup>- Tentative meeting date; subject to LCCOM Approval

<sup>2</sup>-Tentative meeting date, subject to CMAP Committee approval

<sup>3</sup>- Assumes PPI showing STP-L funding has been approved by IDOT



**FFY 2020 STP Program**

Municipality	Roadway	TIP ID#	Project Type		Total \$	Federal \$	Letting	
=====	=====	=====	=====	=====	=====	=====	=====	
Highland Park	Park Ave West - US 41 to west of Skokie River	10-14-0002	Eng II		75,000	60,000	8/1/2020	20
Highland Park	Greenbay Rd - Central Ave to Clavey Rd	10-16-0037	Eng II		700,000	560,000	5/1/2020	21
Vernon Hills	Lakeview Pkwy - Center Rd to Fairway Dr.	10-03-0012	Eng II		453,390	362,712	12/1/2019	20
Lake Forest	Everett Road at Waukegan Road	10-17-0016	Con	Int Imp	2,903,000	1,932,938	3/6/2020	20
Buffalo Grove	Brandywyn Ln/Thompson Blvd Stage 1	10-16-0039	Con	Recon	3,590,942	2,808,096	3/6/2020	MYB
Buffalo Grove	Brandywyn Ln/Thompson Blvd Stage 1	10-16-0039	CE	Recon	364,271	291,417	3/6/2020	MYB
Grant Township	Fish Lake Rd - Nippersink Rd to IL 120	10-15-0021	Con	Reconstruction	1,364,000	955,000	4/24/2020	MYB
Grant Township	Fish Lake Rd - Nippersink Rd to IL 120	10-15-0021	CE	Reconstruction	136,000	95,500	4/24/2020	MYB
Fox Lake	Nippersink BLVD - Oak St to Grand Ave	10-16-0035	Con	Reconstruction	2,417,000	1,933,600	4/24/2020	MYB
Fox Lake	Nippersink BLVD - Oak St to Grand Ave	10-16-0035	CE	Reconstruction	190,000	152,000	4/24/2020	MYB
Long Grove	N. Krueger Road - IL 22 to Gilmer Road	10-15-0024	Con	Reconstruction	1,600,000	1,280,000	4/24/2020	MYB
Long Grove	N. Krueger Road - IL 22 to Gilmer Road	10-15-0024	CE	Reconstruction	160,000	128,000	4/24/2020	MYB
Highland Park	Clavey Rd - US 41 to Green Bay Road	10-15-0026	Con	Reconstruction	10,260,000	5,388,000	11/6/2020	21
Highland Park	Clavey Rd - US 41 to Green Bay Road	10-15-0026	CE	Reconstruction	1,030,000	581,120	11/6/2020	21
Buffalo Grove	Brandywyn Ln/Thompson Blvd Stage 2	10-16-0039	Con	Recon/Resurface	6,225,687	4,277,931	11/6/2020	MYB
Buffalo Grove	Brandywyn Ln/Thompson Blvd Stage 2	10-16-0039	CE	Recon/Resurface	631,544	505,235	11/6/2020	MYB
Total					32,100,834	21,311,549		
FFY18-20 Totals					133,509,998	96,799,745		

**FFY 2021 STP Program**



Municipality =====	Roadway =====	TIP ID# =====	Project Type =====	Total \$ =====	Federal \$ =====		
Round Lake Bch	Hook Dr Extension - Rollins Rd to Nicole Lane	10-18-0005	Eng II	389,180	311,344	10/1/2020	MYB
Vernon Hills	Lakeview Pkwy - Center Rd to Fairway Dr.	10-03-0012	Con Intersection Imp.	4,651,610	3,721,288	11/6/2020	MYB
Vernon Hills	Lakeview Pkwy - Center Rd to Fairway Dr.	10-03-0012	CE Intersection Imp.	556,000	336,000	11/6/2020	MYB

Total 5,596,790 4,368,632

**FFY 2022 STP Program**

Municipality =====	Roadway =====	TIP ID# =====	Project Type =====	Total \$ =====	Federal \$ =====		
Highland Park	Park Ave West - US 41 to west of Skokie River	10-14-0002	Con Resurface	750,000	600,000	1/1/2022	MYB
Highland Park	Park Ave West - US 41 to west of Skokie River	10-14-0002	CE Resurface	112,500	90,000	1/1/2022	MYB
Buffalo Grove	Brandywyn Ln/Thompson Blvd Stage 3	10-16-0039	Con Recon/Resurface	3,262,615	1,078,772	1/1/2022	MYB
Buffalo Grove	Brandywyn Ln/Thompson Blvd Stage 3	10-16-0039	CE Recon/Resurface	330,965	264,772	1/1/2022	MYB
Round Lake Bch	Hook Dr Extension - Rollins Rd to Nicole Lane	10-18-0005	Road Extension	4,358,816	3,487,053	1/1/2022	MYB

Total 8,814,896 5,520,597

**FFY 2023 STP Program**

Municipality =====	Roadway =====	TIP ID# =====	Project Type =====	Total \$ =====	Federal \$ =====		
Highland Park	Green Bay Road - Central Ave to Clavey Rd	10-16-0037	Con Reconstruction	11,000,000	8,800,000	1/1/2023	MYB
Highland Park	Green Bay Road - Central Ave to Clavey Rd	10-16-0037	CE Reconstruction	560,000	448,000	1/1/2023	MYB

11,560,000 9,248,000

**FFY 2024 STP Program**

Municipality =====	Roadway =====	TIP ID# =====	Project Type =====	Total \$ =====	Federal \$ =====
-----------------------	------------------	------------------	-----------------------	-------------------	---------------------

**FFY 2025 STP Program**

Municipality =====	Roadway =====	TIP ID# =====	Project Type =====	Total \$ =====	Federal \$ =====
-----------------------	------------------	------------------	-----------------------	-------------------	---------------------

Council Chair:  
Mayor Rockingham  
North Chicago

Council Vice-Chair:  
Mayor Ryback  
Wadsworth

Members:

Antioch  
Bannockburn  
Beach Park  
Buffalo Grove  
Deerfield  
Deer Park  
Fox Lake  
Grayslake  
Green Oaks  
Gurnee  
Hainesville  
Hawthorn Woods  
Highland Park  
Highwood  
Indian Creek  
Island Lake  
Kildeer  
Lake Barrington  
Lake Bluff  
Lake Forest  
Lake Villa  
Lake Zurich  
Libertyville  
Lincolnshire  
Lindenhurst  
Long Grove  
Mettawa  
Mundelein  
North Barrington  
North Chicago  
Old Mill Creek  
Park City  
Riverwoods  
Round Lake  
Round Lake Beach  
Round Lake Heights  
Round Lake Park  
Third Lake  
Tower Lakes  
Vernon Hills  
Volo  
Wadsworth  
Wauconda  
Waukegan  
Winthrop Harbor  
Zion  
County of Lake



# LAKE COUNTY COUNCIL OF MAYORS

## LCCOM STP Marks Memo

CMAP recently released the new programming marks for Federal Fiscal Year (FFY) 2021-2025. Per the agreement between the City of Chicago and the Council of Mayors Executive Committee ([Agreement](#)), the marks were calculated using 5 federally approved performance measures. The measures are Pavement Condition, Congestion, Safety, Bridge Condition and Single Occupancy Vehicle (SOV) Travel.

In 2017, CMAP provided estimates of the programming marks for each Council that they shared throughout the region. At that time, the Lake County Council of Mayors was estimated to increase from approximately \$8.5 million per year to just over \$11 million per year. In accordance with the terms of the Agreement, CMAP recalculated the programming marks this year with updated data. The Lake County programming mark is now calculated to decrease to just over \$7.5 million per year. Per the terms of the Agreement, the changes in funding levels will be transitioned in over a three-year period. In 2021, no Council's mark can change more than 10% from their 2017 allotment and in 2022 the mark can't change more than 20% from 2017.

Council staff has worked with CMAP to understand why the Lake Council numbers changed so dramatically from the estimate given in 2017. There are a number of reasons that the Lake County Council's mark has decreased. When the Agreement was signed, CMAP hadn't yet recommended that the first local call for projects be in FFY2021, it was anticipated to be FFY2020. The STP Shared Fund is taken off the top of the region's allotment. The estimated allotments shown in the Agreement were derived from a total local STP allotment of \$133M, and the actual total allotment for FFY2021 is \$130M. While the STP Shared Fund is being phased in, it increases to 15% of the regional allotment, so the overall amount of funds remaining for the local councils has decreased.

All of the data used to calculate the programming marks was updated to more current data in accordance with the Agreement. The congestion measure for the local federal-aid system was estimated using 2012 congested centerline miles. The actual values to determine congestion in each council use peak hour excessive delay (PHED) based on 2018 data. Estimated pavement condition data was based on 2016 IRI data only and data for the local federal-aid system was incomplete at that time. Actual data to determine pavement condition is based on a combination of IRI, cracking, and rutting data collected in 2017 and 2018 for the entire local federal-aid system. Estimated local federal-aid system safety data was from 2015. Actual data is from 2016. Estimated local federal-aid system bridge condition data was from 2016. Actual data is from 2018. Estimated SOV commuters was from 2015 American Community Survey data. Actual SOV commuter data is from 2017.

For the Lake Council, the biggest influence on the difference between estimates provided by CMAP in 2017 and the actual data was related to the congestion factor. In 2017, the Lake Council's estimated share of regional congestion was 15.25% using congested lane-miles from 2012. Using peak hour excessive delay with data from 2018, the Lake Council's share of regional congestion decreased to 4.5%. It is important to remember that the calculations do not include the state system, where a large amount of congestion in Lake County occurs. Equally important is that the Agreement specifically spells out that congested lanes miles would be used until there was enough data available to calculate peak hour excessive delay, so while this change in metrics clearly had an impact on the calculations, it was done in accordance with the Agreement.

This change in programming marks will impact the LCCOM's future program of projects. The Council currently has approximately \$25 million programmed in FFY2020, the last year of regional fiscal constraint during this transition period. If all of the projects that are programmed in FFY2020 get delayed and have to be grandfathered into our new program, then the LCCOM's FFY2021-2025 would be full and there would not be room to add new projects to the Active Program during the call for projects in 2020. If all of the projects currently programmed in FFY2020 all get authorized in FFY2020, then there would be room for approximately \$25 million worth of new projects in the Lake Council's FFY2021-2025 program. Regardless of how many projects need to be grandfathered into the new

Council Chair:  
Mayor Rockingham  
North Chicago

Council Vice-Chair:  
Mayor Ryback  
Wadsworth

Members:

Antioch  
Bannockburn  
Beach Park  
Buffalo Grove  
Deerfield  
Deer Park  
Fox Lake  
Grayslake  
Green Oaks  
Gurnee  
Hainesville  
Hawthorn Woods  
Highland Park  
Highwood  
Indian Creek  
Island Lake  
Kildeer  
Lake Barrington  
Lake Bluff  
Lake Forest  
Lake Villa  
Lake Zurich  
Libertyville  
Lincolnshire  
Lindenhurst  
Long Grove  
Mettawa  
Mundelein  
North Barrington  
North Chicago  
Old Mill Creek  
Park City  
Riverwoods  
Round Lake  
Round Lake Beach  
Round Lake Heights  
Round Lake Park  
Third Lake  
Tower Lakes  
Vernon Hills  
Volo  
Wadsworth  
Wauconda  
Waukegan  
Winthrop Harbor  
Zion  
County of Lake



# LAKE COUNTY COUNCIL OF MAYORS

program, there will still be a call for projects in 2020, as the Lake Council needs to have a robust contingency list to ensure that all Lake Council funds are spent each year. The Lake County Council has demonstrated over the last 2 ½ years the ability to spend federal dollars efficiently. If other Councils are unable to spend their funds, the Lake County Council could be in a position to take advantage of available funds that are lost by other Councils.

The Agreement between the City of Chicago and the Council of Mayors laid out the terms of how the programming marks were to be calculated. While it is disappointing to see a reduction in funding for the Lake County Council, the terms of the Agreement were explicitly followed. The programming marks will be recalculated again in five years with updated data. If there are questions about the marks or the Lake Council program, please contact Council staff.



# Chicago Metropolitan Agency for Planning

233 South Wacker Drive  
Suite 800  
Chicago, Illinois 60606  
312 454 0400  
www.cmap.illinois.gov

## MEMORANDUM

**To:** Subregional Planning Liaisons and CDOT staff

**Cc:** Council of Mayors Executive Committee, STP Project Selection Committee

**From:** CMAP Staff

**Date:** October 18, 2019

**Re:** FFY 2021 – 2025 Local STP programming marks

In accordance with the terms of the Surface Transportation Program (STP) agreement between the Council of Mayors and City of Chicago, CMAP staff has prepared programming marks for the subregional councils and City of Chicago for federal fiscal years (FFYs) 2021 through 2025 (Table 1). The allotment each year is conservatively assumed to be the same as the FFY 2020 allotment to the CMAP region (\$144,709,745), adjusted each year to account for the STP-Shared Fund set-aside, and is subject to adjustment prior to the beginning of each FFY based on the actual amount of federal funds allotted to the CMAP region.

Table 1. FFY 2021-2025 STP-L Programming Marks

<b>Council</b>	<b>FFY 21</b>	<b>FFY 22</b>	<b>FFY 23</b>	<b>FFY 24</b>	<b>FFY 25</b>
Central	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000
Chicago	\$57,483,991	\$53,874,994	\$52,251,747	\$52,251,747	\$52,251,747
DuPage	\$12,178,598	\$12,681,337	\$12,235,052	\$12,235,052	\$12,235,052
Kane/Kendall	\$9,008,966	\$8,656,711	\$8,325,415	\$8,325,415	\$8,325,415
Lake	\$8,148,133	\$7,819,790	\$7,512,406	\$7,512,406	\$7,512,406
McHenry	\$3,879,276	\$3,669,512	\$3,480,707	\$3,480,707	\$3,480,707
North Central	\$3,890,830	\$3,680,745	\$3,491,619	\$3,491,619	\$3,491,619
North Shore	\$4,145,394	\$4,355,692	\$4,147,282	\$4,147,282	\$4,147,282
Northwest	\$9,269,713	\$8,910,214	\$8,571,675	\$8,571,675	\$8,571,675
South	\$6,740,451	\$7,141,126	\$6,853,132	\$6,853,132	\$6,853,132
Southwest	\$4,831,670	\$5,440,765	\$6,039,214	\$6,039,214	\$6,039,214
Will	\$7,661,747	\$7,390,142	\$7,095,034	\$7,095,034	\$7,095,034
<b>Total</b>	<b>\$130,238,771</b>	<b>\$126,621,027</b>	<b>\$123,003,283</b>	<b>\$123,003,283</b>	<b>\$123,003,283</b>

The programming marks were developed by applying the performance-based formula included in the STP agreement:

$$\text{Council Mark (\$)} = \text{Regional Mark(\$)} \times \text{Performance (\%)}$$

where:

$$\text{Performance (\%)} = \left( \frac{\text{Council } M_1}{\text{Region } M_1} + \frac{\text{Council } M_2}{\text{Region } M_2} + \frac{\text{Council } M_3}{\text{Region } M_3} + \frac{\text{Council } M_4}{\text{Region } M_4} + \frac{\text{Council } M_5}{\text{Region } M_5} \right) / 5$$

“Council” in this formula means each of the eleven individual subregional councils and the City of Chicago.  $M_1$ ,  $M_2$ , etc. represent the individual performance measures, which are weighted equally, and the 5 in the formula is the number of measures. Each measure is described in detail below. Table 2 contains a summary of each council’s performance data.

### Pavement Condition

Measured as lane-miles in poor condition as defined in 23 CFR 490. CMAP hired a consultant to collect pavement condition data on all non-National Highway System (NHS) federal aid eligible roads under local jurisdiction in the region in 2018. For the NHS and Highway Performance Monitoring System (HPMS) roads under local jurisdiction, CMAP used IDOT’s pavement condition data of similar vintage. To calculate pavement condition according to 23 CFR 490, the data collected included International Roughness Index (IRI), cracking percent, rutting, and faulting. For asphalt pavement or jointed concrete pavement, at least two of the condition values (IRI, cracking percent, and rutting for asphalt pavement and IRI, cracking percent, and faulting for jointed concrete pavement) need to be defined as “poor” for the segment condition to be defined as “poor.” For continuous reinforced concrete pavement two of the condition values (IRI and percent cracking) need to be defined as “poor” for the segment condition to be defined as “poor.” The total lane-miles of pavement in poor condition was totaled within each council.

### Congestion

Measured as the peak hour excessive delay (PHED) as defined in 23 CFR 490 and tabulated as annual person-hours of delay. Excessive delay is incurred when travel times are longer than the travel time at 20 mph or 60% of the posted speed limit travel time, whichever is greater. Peak travel hours are defined as 6:00 – 10:00 am and 4:00 – 8:00 pm. Total excessive delay is weighted by vehicle volumes and occupancy. CMAP obtained 2018 traffic speed data from IDOT collected by the firm HERE. If a local-jurisdiction federal aid road link did not have any speed data available for the analysis, CMAP used the council average to fill in the missing data for that link. Speed limit and volume data for 2018 were obtained from the Illinois Roadway Information System (IRIS) produced annually by IDOT. The total PHED by council was calculated by summing the annual hours of excessive delay on all local jurisdiction federal aid eligible roadways within each council.

### Safety

Measured as the number of annual serious injuries and fatalities for the most recent year from IDOT's annual crash data extract. The data includes fatal and serious injury crashes occurring within the council boundary on local jurisdiction federal aid roads. The analysis was based on 2016 crash data because changes in IDOT's processing of the 2017 data incorrectly assigned crashes on the local jurisdiction federal aid eligible system.

### Bridge Condition

Measured as square feet of deck area on bridges in poor condition as defined in 23 CFR 490. CMAP obtained 2018 bridge condition data from the National Bridge Inventory (NBI). 23 CFR 490 defines a bridge as in poor condition when the deck, substructure, or superstructure is rated as 4 or below. The square footage of deck area for all local jurisdiction bridges in poor condition within each council was totaled.

### SOV Travel

Measured as the total number of single occupant vehicle (SOV) commuters based on the most recent US Census Bureau American Community Survey (ACS). CMAP tabulated 2017 ACS five-year data for workers that drove alone by council area.

Table 2. Council Performance Data

<b>Council</b>	<b>Lane-miles in poor condition</b>	<b>Peak hour excessive delay (annual hours)</b>	<b>Number of annual serious &amp; fatal crashes</b>	<b>Sq. ft. of deck on bridges in poor condition</b>	<b>Number of SOV commuters</b>
Central	18.10	217,745.84	62	7,888	81,204
Chicago	264.04	6,994,241.60	1188	1,864,474	634,326
DuPage	192.62	1,515,929.58	229	64,440	365,003
Kane/Kendall	78.26	570,734.36	223	142,282	288,501
Lake	85.45	571,900.20	132	143,412	273,266
McHenry	34.85	158,262.97	84	72,409	135,260
North Central	37.82	363,194.90	95	37,400	110,924
North Shore	65.32	454,275.36	110	33,906	96,248
Northwest	196.39	663,250.22	122	14,877	291,745
South	156.01	262,594.12	187	37,355	175,883
Southwest	134.09	312,678.44	117	84,505	138,765
Will	82.85	563,514.24	163	98,126	249,422
<b>Total</b>	<b>1,346</b>	<b>12,648,322</b>	<b>2,712</b>	<b>2,601,075</b>	<b>2,840,547</b>

Applying equal weights to each of the five measures, each council's total performance was calculated and is shown in Table 3.

Table 3. Total performance by Council

<b>Council</b>	<b>Pavement Condition</b>	<b>Congestion</b>	<b>Safety</b>	<b>Bridge Condition</b>	<b>SOV Travel</b>	<b>Total performance</b>
Central	1.35%	1.72%	2.29%	0.30%	2.86%	1.70%
Chicago	19.62%	55.30%	43.81%	71.68%	22.33%	42.55%
DuPage	14.31%	11.99%	8.44%	2.48%	12.85%	10.01%
Kane/Kendall	5.82%	4.51%	8.22%	5.47%	10.16%	6.84%
Lake	6.35%	4.52%	4.87%	5.51%	9.62%	6.17%
McHenry	2.59%	1.25%	3.10%	2.78%	4.76%	2.90%
North Central	2.81%	2.87%	3.50%	1.44%	3.91%	2.91%
North Shore	4.85%	3.59%	4.06%	1.30%	3.39%	3.44%
Northwest	14.59%	5.24%	4.50%	0.57%	10.27%	7.04%
South	11.59%	2.08%	6.90%	1.44%	6.19%	5.64%
Southwest	9.96%	2.47%	4.31%	3.25%	4.89%	4.98%
Will	6.16%	4.46%	6.01%	3.77%	8.78%	5.84%
<b>Total</b>	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

The total performance for each council from Table 3 was multiplied by the regional mark for the local programs, then, per the agreement, the results of the formula were “smoothed” to prevent any council from receiving less than \$3 million in any year, and to prevent any council from receiving 10% more or less than their FFY 2017 mark in the first FFY and 20% more or less than their FFY 2017 mark in the second year. The smoothing process is iterative, requiring the addition or subtraction of funds to be applied proportionally across councils until the required thresholds are satisfied. The smoothed application of the performance-based formula results in the programming marks provided in Table 1.

###