

**VILLAGE OF LIBERTYVILLE
BOARD OF TRUSTEES
STREETS COMMITTEE**

April 25, 2017

7:00 pm

Village Hall

Agenda

- 1) Call to Order
- 2) Minutes of March 28, 2017 Meeting
- 3) Roadway Project Updates
- 4) Review and Recommendation for Approval of Streets for 2018 Pavement Rehabilitation Program
- 5) Colby Subdivision/Parkside of Libertyville Traffic Update
- 6) Adjournment

**VILLAGE OF LIBERTYVILLE
BOARD OF TRUSTEES
STREETS COMMITTEE**

March 28, 2017
7:00 pm
Village Hall

Minutes

ATTENDANCE

Committee: Chair – Trustee Donna Johnson, Trustee Scott Adams, Trustee Pete Garrity
 Village Board: Mayor Terry Wepler, Trustee Jay Justice, Trustee Pat Carey
 Staff: Village Administrator Chris Clark, Assistant to DPW Laura Ditanto, Police Chief Clint Herdegen, Fire Chief Rich Carani, Community Development Director John Spoden, Village Attorney David Pardys
 Absent: Director of Public Works Paul Kendzior
 Audience:

August, Carol	1201 Amy Ln	Nowicki, Elise	304 Johnson Ave
Barba, Marjorie	314 Merrill Ct	Nowicki, Kerry	304 Johnson Ave
Barba, Terrence	314 Merrill Ct	O'Connor, Kathleen	237 E. Ellis Ave
Buckley, Chris	905 Wheeler Ct	O'Connor, Robin	2345 Steeplechase
Cowski, Al	320 Merrill Ct	O'Neill, Kevin	908 Wheeler Ct
Cronin, Peg	305 Johnson Ave	Ortega, Eric	321 Merrill Ct
Cupal, Gail	121 Johnson Ave	Ortega, Ezequiel	321 Merrill Ct
Faulkner, Ed	216 Johnson Ave	Ortega, Manuel	321 Merrill Ct
Faulkner, Karen	216 Johnson Ave	Ortega, Maria	321 Merrill Ct
Goodwin, David	216 W. Ellis Ave	Prodans, Richard	220 W. Ellis Ave
Goodwin, Sandy	216 W. Ellis Ave	Pyle, Chris	117 Johnson Ave
Hackett, Susan	306 Merrill Ct	Pyle, Stuart	117 Johnson Ave
Krosnjar, Anne	133 Johnson Ave	Sage, Lenora	313 Johnson Ave
Magill, Mike	215 Johnson Ave	Sickert, Dugal	924 Wheeler Ct
Magill, Susan	215 Johnson Ave		

Agenda

1. CALL TO ORDER AT 6:35 PM
2. MINUTES OF FEBRUARY 28, 2017 MEETING
The minutes were approved as written.
3. DRAFT ORDINANCES FOR COLBY SUBDIVISION

Trustee Carey gave a presentation regarding the “Do Not Enter” Proposal. Trustee Carey listened to the various proposals for the Parkside Development over the last six months. The Winchester Road property owned by the County may be developed as a commercial project in the future. No Right out, No Left in is what is currently proposal to prohibit cut through traffic. These turn restrictions may not prevent cut through traffic which is the problem now.

Trustee Carey is proposing making a few of the streets one-way only at designated times in the morning and evening to limit cut through traffic. The one-way designation would not apply to emergency vehicles. Village staff can collect speed data using the speed detector signs and perform a license plate survey. If one-way designation signs are installed, the Police can give

warning tickets to cut through violators initially.

Trustee Johnson laid out the two traffic options in the draft ordinances. One option is to restrict turns out of and into Parkside Development. The second option is to designate one-way streets at specific times of the day to limit cut through traffic. Trustee Carey is presenting on one-way streets.

Trustee Carey is concerned with new developments, such as the County property that may become a commercial property. If new developments are proposed, how can the Village expand notice provisions? Trustee Johnson stated that the Village complies with legal notice requirements. The Village can make the postings more prominent and expand the notification area beyond the legal requirements.

Chief Herdegen spoke about the portable speed signs. The signs can be placed between Merrill & Wheeler to collect data on speeding and counting cars passing through. The signs collect data even when the signs are turned off. The signs are not like red light cameras and are not used to initiate citation.

Richard Prodans - 324 W. Ellis Avenue: Mr. Prodans prefers the "One-Way" street option to protect kids in the Colby Subdivision. This would be an inconvenience for residents but this is a safety concern. He would like to prevent traffic during busy drive times.

Kathleen O'Connor, Libertyville Township Supervisor - 359 Merrill Court: O'Connor wrote a letter to the Village in January 2015 with concern about the new development due to the Township services like the food pantry and pace bus. One-way signs near the Township building may cause drivers to back-up or turn around in the Township parking lot. This presents a challenge since many of the residents using the Township parking lot are elderly and/or physically disabled.

Kevin O'Neill - 908 Wheeler Court: The Colby Subdivision residents are interested in both options presented by the Committee. The residents are concerned with the pending threat of litigation to the Village makes the Village hesitant to install turn restriction signs. O'Neill requested that data be collected between this meeting and the next meeting. If the Streets Committee has the data on the number of cars driving through the neighborhood, the Committee can make a decision on how to prevent cut through traffic in the Colby Subdivision.

Trustee Garrity stated that the Village is hesitant to move forward due to the lack of data available to determine how the Village should proceed. There is a cut through traffic problem now and this may be exacerbated with the new Parkside Development.

Gail Cupal - 121 Johnson Avenue: Ms. Cupal requested that the speed signs collecting data be moved by North End Garage since drivers are cutting through the alley behind the North End Garage to get to Hansa Coffee. The signs can be moved by 117 Johnson Avenue, not even a block from Milwaukee Avenue.

Kathleen O'Connor, Libertyville Township Supervisor - 359 Merrill Court: If there is a strategy in place, would this preclude the Village from doing a future study. The Village would still perform a traffic study at 50% and/or 75% occupancy of Parkside development.

Bob O'Donnell, Legal Representative for Khovnanian: The Notice of Consent and waiver form for the sales contract has been approved by the Village Attorney.

Dugal Sickert - 924 Wheeler Court: Mr. Sickert requested that the Committee make a commitment to one of the two options presented at tonight's meeting.

After giving the audience an opportunity to speak, Trustee Johnson stated that collecting data on the number of cars passing through Colby Subdivision will provide definitive metrics to make a

decision at the next Streets Committee meeting. Trustee Adams and Trustee Garrity agreed that collecting traffic data between meetings and holding off on a final decision until the April Streets Committee meeting is appropriate.

4. ADJOURNMENT AT 7:45 PM

The next meeting will be on April 25, 2017.

Respectfully Submitted,
Laura Ditanto, Assistant to the Director of Public Works



ROADWAY PROJECT UPDATES

April 25, 2017 Streets Committee Meeting

2017 Road Rehabilitation Program

The construction contract was awarded to ALamp Concrete in the amount of \$3,689,833.09 at the February 14th Board meeting. Work began the week of March 13th. Work completed to date includes curb, sidewalk and driveway apron removal and replacement on Douglas Ave., Jackson St., Dawes St. and Church St. "Point" repairs to the storm and sanitary sewer lines have also been completed Douglas Ave., Church St., Cook Ave. and Dawes St. In addition, the Maple St. entrance to the new parking garage has been excavated for the widening and the aggregate base, curb, sidewalk and the driveway apron all have been installed. Pavement milling has also been completed on Douglas Ave., Jackson St. and Dawes St.

Upcoming work includes pavement base patching on Jackson St., Douglas Ave., Dawes St. and Church St. and curb & gutter and sidewalk removal and replacement on Cook Ave. When all completed, the Program will include the resurfacing of approximately 5.5 miles of streets.

Golf Road (Milwaukee to Butterfield) FAU Resurfacing Project

The Phase I (preliminary engineering design) agreement was awarded to Civiltech Engineering, Inc. at the December 13, 2016 Board meeting. The draft Phase I Report was submitted to the Illinois Department of Transportation (IDOT) for their review in March. Phase II and Phase III engineering, along with construction for the project will be 80% Federal and 20% Village funded. The current construction estimate for the project is \$1,750,000.00. The Village's estimated total project cost, which includes all phases of engineering and construction, is anticipated to be approximately \$500,000.00. Phase II design approval is anticipated to occur in September 2017. The project is expected to be solicited for competitive contractor bids on the April 2018 IDOT Letting. Construction would occur during the summer of 2018.

Rockland Road (Milwaukee to Riverside) FAU Reconstruction Project

The Village's consultant, Civiltech Engineering, Inc., is currently working on the Phase I engineering portion of the project, which is expected to be completed in August of this year. In addition to pavement reconstruction, the project also includes the replacement of a "chronic breaker" water main and storm sewer extension to reduce flooding impacts in the area. Phase II and Phase III engineering, along with construction for the project will be 80% Federal and 20% Village funded. The water main replacement work will be entirely funded by the Village.

Public Works Department
 Administration and Engineering Division 847-918-2100 847-918-9439 fax
 Streets and Utilities Division/Fleet Services Division (847) 362-3434 (847) 918-2122 fax
 Waste Water Treatment Plant (847) 918-2007 (847) 362-4256 fax
 Parks Maintenance (847) 918-2074 (847) 918-9429 fax
 200 East Cook Avenue Libertyville, Illinois 60048
www.libertyville.com

Construction is anticipated to occur in 2019 and cost approximately \$3,775,000. The Village's estimated total project cost, which includes all phases of engineering and construction and the water main replacement work, is anticipated to be approximately \$1,750,000.00.

Rockland Road Bridge Deck Replacement

The Village is in the early stages of coordinating with Libertyville Township on developing an Intergovernmental Agreement for the engineering design and construction for the replacement of the deteriorating bridge deck. The bridge is equally owned and maintained by both the Village and Township. Construction is anticipated to occur in either 2021 or 2022 and cost approximately \$1,500,000. The Village and Township are seeking to use Federal STP-Br Funds, which will cover 80% of the project (engineering & construction) costs.



TENTATIVE SIXTH YEAR OF 2018 PAVEMENT REHABILITATION PROGRAM

April 25, 2017 Streets Committee Meeting

A List and Map of the proposed streets to be included in the sixth and final year of the Pavement Rehabilitation Program is attached for the Committee's review and recommendation for approval. We have been able to add a sixth year to the originally planned five year Program due to extremely favorable contractor bids that have been received. Following approval of the List, we will be working with our engineering design and material testing consultants to obtain Professional Service Agreements in order to have construction drawings and specifications ready for bidding early next year.

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VILLAGE OF LIBERTYVILLE -PUBLIC WORKS DEPARTMENT
TENTATIVE SIXTH YEAR 2018 PAVEMENT REHABILITATION PROGRAM

Street Name (Limits)	Year of Original Constr.	Centerline Length (ft)	Area (sq yd)	Rehab Cost \$/sq yd.	Estimated Rehab. Cost	PAVEMENT REHABILITATION CATEGORIES
Amy Lane (south cul de sac to pvmnt chng N. of Eric Lane)	2006	602	1806	37.50	\$67,725.00	D
Ashbury Lane	1997	4358	13074	37.50	\$490,275.00	D
Bedford Lane	1998	1148	3316	37.50	\$124,350.00	C
Brian Circle	2006	482	1285	37.50	\$48,187.50	D
Briarwood Lane	1999	1164	3363	37.50	\$126,112.50	C
Camelot Lane	1989	3210	8560	37.50	\$321,000.00	D
Church Street, E. (Milwaukee Ave to First St (N))	1926	991	3095	37.50	\$116,062.50	C
Church Street, E. (First St (N) to Fourth St)	1926	1289	4010	37.50	\$150,375.00	C
Cook Avenue, E.	2002	1069	4039	37.50	\$151,462.50	C
Deborah Circle	2006	397	1147	37.50	\$43,012.50	D
Dymond Road, S. (Crane Blvd to Crestfield)	1999	735	1062	52.00	\$55,224.00	B
Dymond Road, S. (Crestfield to W Golf Rd)	1999	990	3921	37.50	\$147,037.50	C
Eric Lane (from 237 ft E of Amy Ln to E end)	1998	1356	3617	37.50	\$135,637.50	D
Eric Lane (Virginia Av to 237 ft E of Amy Ln)	2006	1126	3003	37.50	\$112,612.50	D
First Street (E. Cook Ave to North Ave)	1997	367	1060	37.50	\$39,750.00	C
First Street (North Ave to Newberry Ave)	1997	456	1317	37.50	\$49,387.50	C
Greentree Court	1993	344	917	37.50	\$34,387.50	C
Jainee Lane	1998	956	2868	37.50	\$107,550.00	D
Jessica Lane	1998	1436	4322	37.50	\$162,075.00	D
Lisa Circle	2006	308	821	37.50	\$30,787.50	D
Lucerne Lane	1998	190	570	37.50	\$21,375.00	D
Margate Lane (Ridgeway Ln to Hawthome Rd)	1950	669	1635	37.50	\$61,312.50	C
Nathan Lane (from 159 ft E of Deborah to E end)	1998	1234	3702	37.50	\$138,825.00	D
Nathan Lane (from Virginia Ave to 159 ft E of Deborah Ln)	2006	1160	3480	37.50	\$130,500.00	D
Nordic Court	1999	1758	5079	37.50	\$190,462.50	C
Old Hickory Lane	2000	636	1646	37.50	\$61,725.00	D
Ridgeway Lane (Camelot Ln to Margatè Ln)	1950	289	771	37.50	\$28,912.50	C
Ridgeway Lane (Park Ave to Camelot Ln)	1989	272	725	37.50	\$27,187.50	D
Second Street (North Ave to Church St.)	1964	648	937	37.50	\$35,137.50	A
Second Street (North Ave to Oak Spring Road.)	2000	538	777	37.50	\$29,137.50	C
Spruce Court	1999	151	436	37.50	\$16,350.00	C
Thornbury Lane	2000	1332	2644	37.50	\$99,150.00	D
Tiffany Lane	2006	469	1251	37.50	\$46,912.50	D
Trevor Circle	2006	462	1232	37.50	\$46,200.00	D
Virginia Avenue (from Pvmnt Chg 155 ft N of Eric Ln to Nathan Lane)	2006	912	2736	37.50	\$102,600.00	D
Winchester Road, E. (140 ft E of Parliament Ct to Sandstone Dr)	1996	908	2724	37.50	\$102,150.00	D
Winchester Road, E. (Milwaukee Ave to 140 ft E of Parliament Ct)	1996	1220	4067	37.50	\$152,512.50	C
Winchester Road, E. (Sandstone Dr to E end)	1996	334	1002	37.50	\$37,575.00	C
		5.65			\$3,841,036.50	

Alternate

Second Avenue (Sunnyside Ave to S end)	1998	1605	4637	52.00	\$241,124.00	B
Seventh Avenue (140 Ft. N. of E. Lincoln Ave to E. Rockland Rd)	2001	707	2042	52.00	\$106,184.00	B

0.44

NOTE:

PAVEMENT REHABILITATION CATEGORIES

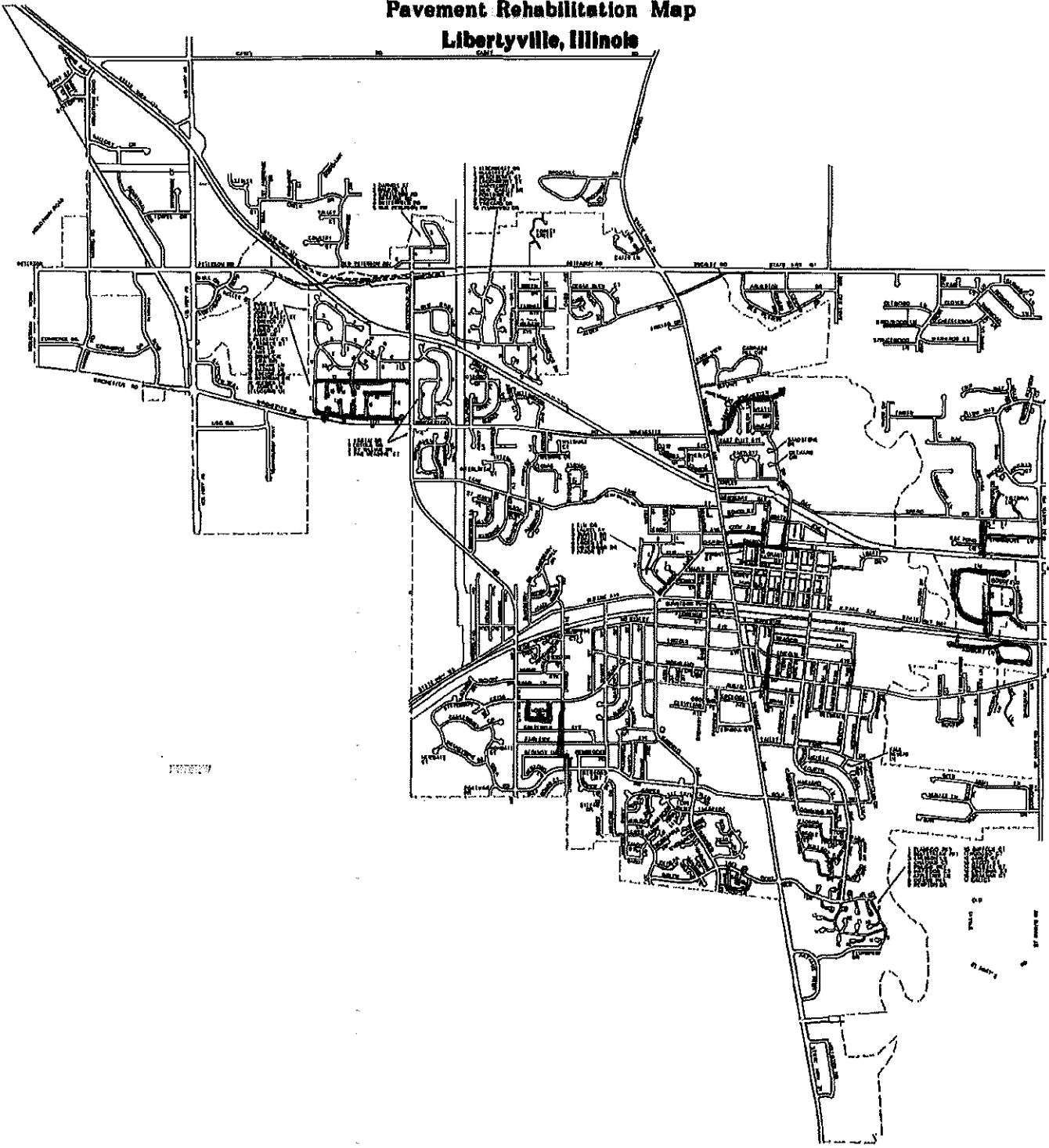
A: EDGE GROUND, CLASS C OR CLASS D PVM'T PATCH, AND BITUMINOUS OVERLAY

B: NEW C&G AND BITUMINOUS RESURFACING

C: MIN. CLASS C OR CLASS D PVM'T PATCH AND BITUMINOUS RESURFACING

D. BITUMINOUS SURFACE REPLACEMENT ONLY

Pavement Rehabilitation Map Libertyville, Illinois



File Path: D:\eng\maps\streets\rehab\libertyville.dgn

PREPARED BY: BRUNNENBERG BYRSON
VILLAGE OF LIBERTYVILLE
200 S. Oak St.
Libertyville, IL
60110
630.416.4100



NOT TO SCALE

2016

REVISED
DRAWING



COLBY SUBDIVISION/PARKSIDE OF LIBERTYVILLE TRAFFIC UPDATE

April 25, 2017 Streets Committee Meeting

Village staff installed the portable solar powered vehicle speed display signs, which also record traffic volumes, on Johnson Ave., just west of the intersection with Milwaukee Ave. The signs starting recording data on Monday, April 3rd and will be relocated to Merril Ct., just east of West Ellis Ave. on Monday, April 17th. For the week of April 3rd to April 9th, the average daily traffic volume (ADT) was only 300 vehicles. For comparison, a residential local street typically has an ADT between 750 to 1,000. Average vehicle speeds have been 11 MPH eastbound and 15 MPH westbound. The posted speed limit is 25 MPH. A summary of the traffic volume and vehicle speed statistics is attached.

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Johnson Avenue - Eastbound April 3, 2017 - April 9, 2017

Hour	Vehicle Count							Weekday / Avg # of cars	Weekend / Avg # of cars	Week / Avg # of cars	Speed (mph)		
	Mon	Tue	Wed	Thu	Fri	Sat	Sun				Speed (mph)	Count	
00:00-01:00	n/a	0	0	0	0	1	0	0	0	1	0	1-5	139
01:00-02:00	n/a	0	0	0	0	2	0	0	0	1	0	6-10	228
02:00-03:00	n/a	0	0	0	0	0	0	0	0	0	0	11-15	427
03:00-04:00	n/a	0	0	0	0	0	0	0	0	0	0	16-20	78
04:00-05:00	n/a	0	0	0	0	1	0	0	0	0	0	21-25	13
05:00-06:00	n/a	2	1	1	2	2	1	0	0	1	1	Total	885
06:00-07:00	n/a	4	3	4	4	4	4	1	0	3	3		
07:00-08:00	n/a	9	12	12	12	13	5	3	0	4	4		
08:00-09:00	n/a	15	11	11	10	12	5	5	0	5	5		
09:00-10:00	n/a	6	3	3	7	11	14	10	0	7	7		
10:00-11:00	n/a	6	7	7	8	7	6	8	0	7	7		
11:00-12:00	n/a	11	9	9	8	6	12	12	0	12	12		
12:00-13:00	1	9	8	9	9	11	H 16	7	0	12	9		
13:00-14:00	13	H 17	H 14	11	7	7	2	11	0	7	11		
14:00-15:00	H 15	7	H 14	H 22	4	4	6	12	0	9	11		
15:00-16:00	10	16	4	11	10	9	9	5	0	7	9		
16:00-17:00	10	15	11	14	11	4	4	8	0	6	10		
17:00-18:00	7	10	10	5	12	8	H 15	H 15	0	12	10		
18:00-19:00	11	13	9	3	H 14	9	8	8	0	9	10		
19:00-20:00	4	8	6	5	9	1	8	8	0	5	6		
20:00-21:00	3	3	3	1	6	0	1	1	0	1	2		
21:00-22:00	3	3	6	1	6	5	3	3	0	4	4		
22:00-23:00	1	2	2	3	1	4	2	2	0	3	2		
23:00-24:00	0	1	0	0	1	0	0	0	0	0	0		
Total	78	157	133	136	148	114	119	130	117	126			

Average Speed = 11 mph
85th Percentile = 13 mph

Total # of cars = 885

Johnson Avenue - Eastbound April 10, 2017 - April 16, 2017

Hour	Vehicle Count							Weekend / Avg # of cars	Week / Avg # of cars	Speed (mph)	Count
	Mon	Tue	Wed	Thu	Fri	Sat	Sun				
00:00-01:00	0	0	0	0	0	0	H 33	0	17	1-5	224
01:00-02:00	0	0	0	0	0	0	0	0	0	6-10	264
02:00-03:00	0	0	0	0	0	0	19	0	10	11-15	421
03:00-04:00	0	0	0	0	0	0	0	0	0	16-20	99
04:00-05:00	0	0	0	1	0	0	0	0	0	21-25	9
05:00-06:00	15	0	1	1	1	1	0	4	1	26-30	1
06:00-07:00	5	6	7	3	2	1	1	5	1	31-35	2
07:00-08:00	15	11	12	11	8	1	6	11	4		
08:00-09:00	16	14	H 15	10	9	8	2	13	5		
09:00-10:00	6	16	5	11	9	7	2	9	5		
10:00-11:00	4	12	8	8	H 15	10	2	9	6		
11:00-12:00	12	9	3	11	13	10	7	10	9		
12:00-13:00	3	4	11	7	9	13	7	7	10		
13:00-14:00	7	8	11	11	10	8	2	9	5		
14:00-15:00	9	6	13	13	6	5	4	9	5		
15:00-16:00	14	H 19	11	15	8	10	5	13	8		
16:00-17:00	12	9	12	H 18	9	4	4	12	4		
17:00-18:00	H 44	12	12	12	7	5	3	17	4		
18:00-19:00	8	7	10	7	5	1	5	7	3		
19:00-20:00	8	6	11	8	4	3	4	7	4		
20:00-21:00	4	5	2	2	2	4	6	3	5		
21:00-22:00	1	7	2	3	3	3	0	3	2		
22:00-23:00	3	9	0	6	2	H 34	1	4	18		
23:00-24:00	0	1	1	1	2	2	0	1	1		
Total	186	161	147	159	124	130	113	155	122		146

Average Speed = 11 mph
85th Percentile = 13 mph

Total # of cars = 1020

Johnson Avenue - Westbound

April 3, 2017 - April 9, 2017

Hour	Vehicle Count							Weekday / Avg # of cars	Weekend / Avg # of cars	Week / Avg # of cars	Speed (mph)	Count
	Mon	Tue	Wed	Thu	Fri	Sat	Sun					
00:00-01:00	n/a	1	0	0	0	2	0	0	1	1	1-5	83
01:00-02:00	n/a	1	1	2	0	1	0	0	1	1	6-10	150
02:00-03:00	n/a	1	1	0	0	1	0	0	1	1	11-15	297
03:00-04:00	n/a	1	0	0	0	0	0	0	0	0	16-20	423
04:00-05:00	n/a	0	0	0	0	1	0	0	0	0	21-25	225
05:00-06:00	n/a	1	2	1	1	2	2	0	1	1	26-30	6
06:00-07:00	n/a	1	0	1	1	3	3	2	3	2	Total	1184
07:00-08:00	n/a	7	7	7	7	10	3	9	6	7		
08:00-09:00	n/a	7	6	8	8	9	16	3	10	8		
09:00-10:00	n/a	14	12	11	11	9	H 18	8	13	12		
10:00-11:00	n/a	12	H 20	13	10	10	12	7	10	12		
11:00-12:00	n/a	10	10	12	12	9	11	14	13	11		
12:00-13:00	13	10	11	8	7	7	10	10	10	10		
13:00-14:00	7	H 22	14	18	12	6	13	15	10	13		
14:00-15:00	10	14	16	17	14	12	14	14	13	14		
15:00-16:00	H 20	18	10	10	22	17	H 17	16	17	16		
16:00-17:00	13	19	16	20	16	8	7	17	8	14		
17:00-18:00	16	11	12	10	17	7	9	13	8	12		
18:00-19:00	5	19	13	H 24	H 24	7	9	17	8	14		
19:00-20:00	8	15	9	11	10	9	10	11	10	10		
20:00-21:00	9	4	7	7	8	1	2	7	2	5		
21:00-22:00	4	6	7	4	13	10	5	7	8	7		
22:00-23:00	0	6	1	5	8	1	3	4	2	3		
23:00-24:00	3	0	2	2	2	1	1	2	1	2		
Total	108	200	177	191	207	158	143	177	151	169		

Average Speed = 15 mph
85th Percentile = 19 mph

Total # of cars = 1184

Stealth Mode

Johnson Avenue - Westbound

April 10, 2017 - April 16, 2017

Hour	Vehicle Count							Weekday / Avg # of cars	Weekend / Avg # of cars	Week / Avg # of cars	Speed (mph)	
	Mon	Tue	Wed	Thu	Fri	Sat	Sun				Speed (mph)	Count
00:00-01:00	0	0	0	2	0	1	0	0	1	0	1-5	113
01:00-02:00	0	1	0	1	1	0	1	1	1	1	6-10	169
02:00-03:00	0	1	1	1	0	1	0	1	1	1	11-15	305
03:00-04:00	0	0	0	0	0	0	1	0	1	0	16-20	399
04:00-05:00	1	1	0	6	6	0	1	3	1	2	21-25	237
05:00-06:00	3	2	2	1	1	1	0	2	1	1	26-30	16
06:00-07:00	0	3	2	1	2	4	0	2	2	2	Total	1239
07:00-08:00	9	9	8	7	2	2	3	7	3	6		
08:00-09:00	10	11	7	9	6	8	6	9	7	8		
09:00-10:00	16	16	6	15	9	5	6	12	6	10		
10:00-11:00	7	14	9	10	15	15	5	11	10	11		
11:00-12:00	17	10	17	8	16	4	9	14	7	12		
12:00-13:00	8	12	12	10	10	11	H 12	10	12	11		
13:00-14:00	20	18	H 22	9	7	H 22	10	15	16	15		
14:00-15:00	10	10	13	22	14	14	8	14	11	13		
15:00-16:00	20	19	19	H 23	H 24	18	6	21	12	18		
16:00-17:00	14	12	16	10	17	6	H 12	14	9	12		
17:00-18:00	H 23	18	16	18	5	9	8	16	9	14		
18:00-19:00	17	H 33	14	15	12	13	5	18	9	16		
19:00-20:00	11	16	5	10	6	1	5	10	3	8		
20:00-21:00	3	7	6	7	3	5	11	5	8	6		
21:00-22:00	4	7	8	3	4	3	1	5	2	4		
22:00-23:00	2	2	3	11	5	3	4	5	4	4		
23:00-24:00	1	2	2	4	1	1	1	2	1	2		
Total	196	224	188	203	166	147	115	195	131	177		

Average Speed = 15 mph
85th Percentile = 21 mnph

Total # of cars = 1239

Live Mode