# THE CITY OF ROCKFORD TRAFFIC COMMISSION WORKBOOK

MAY 9, 2018

PREPARED
BY
TRAFFIC ENGINEERING
DIVISION

## Pablo Solares

**From:** Jeremy Carter
**Sent:** Wednesday, April 4, 2018 1:26 PM
**To:** Pablo Solares
**Cc:** Kerry Lin
**Subject:** Request for May Traffic Commission Agenda

Pablo-
Can you place the following item on the May TC Agenda?

1. Request in the 7th Ward, by Alderman Anne Thompson-Kelly, to establish traffic control of Arthur Avenue stopping for Day Avenue at the intersection of Day Avenue and Arthur Avenue, thus repealing the existing Arthur Avenue yielding for Day Avenue.

Please let me know if you have any questions.

**Jeremy A. Carter, P.E.**
City Traffic Engineer
City of Rockford, Illinois
Department of Public Works
jeremy.carter@rockfordil.gov
(779) 348-7173 Traffic Engineering
(779) 348-7656 Direct **NOTE NEW NUMBER**
(815) 967-7058 Fax

"The opinions expressed here are my own and do not necessarily represent those of the City of Rockford, IL."

City of Rockford
Public Works
Engineering Division

Request to establish 4-way stop control at the intersection of Arthur Ave and North Day Ave, thus repealing the existing yield control at the intersection of Arthur Ave and North Day Ave
Ward 7

1

Produced:05/01/2018
Traffic Engineering Division

THE CITY OF ROCKFORD ILLINOIS, USA

City of Rockford
Public Works
Engineering Division

Request to establish 4-way stop control at the intersection of Arthur Ave and North Day Ave, thus repealing the existing yield control at the intersection of Arthur Ave and North Day Ave
Ward 7

N W E S

1

Produced:05/01/2018
Traffic Engineering Division

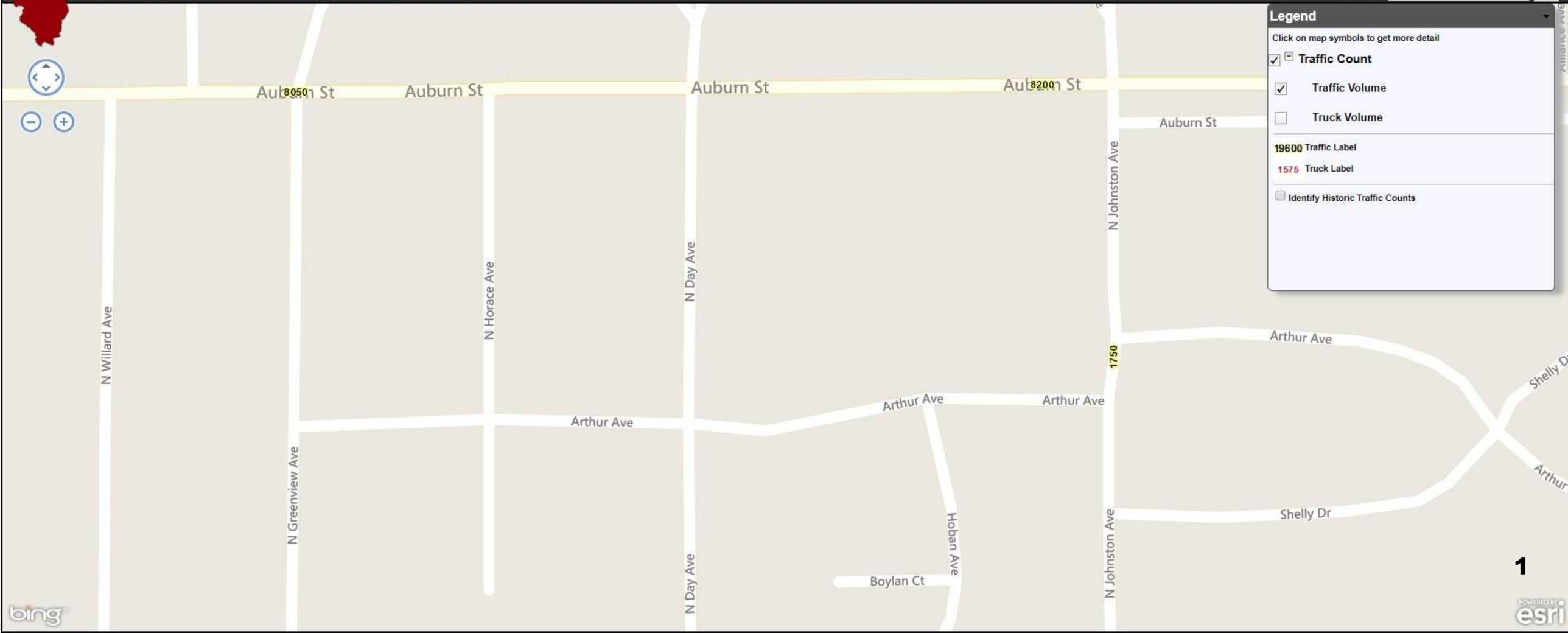
getting around Illinois

Illinois Department of Transportation
Randall S. Blankenhorn, Secretary

Bruce Rauner, Governor

Map Type | Base Map | Other Links | Full Extent | Help | Print Map

Search: go



# City of Rockford

425 E. State Street
Rockford, IL 61104
*Traffic Commission*

Default Comments
Change These in The Preferences Window
Select File/Preference in the Main Scree
Then Click the Comments Tab

File Name : Day Ave and Arthur Ave AM&PM-04-26-2018
Site Code : 00000000
Start Date : 4/26/2018
Page No : 1

**Groups Printed- Unshifted - Bank 1**

| | DAY AVE From North | | | | | ARTHUR AVE From East | | | | | DAY AVE From South | | | | | ARTHUR AVE From West | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Right | Thru | Left | Peds | App. Total | Right | Thru | Left | Peds | App. Total | Right | Thru | Left | Peds | App. Total | Right | Thru | Left | Peds | App. Total | Int. Total |
| 06:30 AM | 0 | 12 | 0 | 0 | 12 | 3 | 0 | 0 | 0 | 3 | 0 | 10 | 0 | 1 | 11 | 0 | 0 | 0 | 0 | 0 | 26 |
| Total | 0 | 12 | 0 | 0 | 12 | 3 | 0 | 0 | 0 | 3 | 0 | 10 | 0 | 1 | 11 | 0 | 0 | 0 | 0 | 0 | 26 |
| 07:00 AM | 0 | 16 | 3 | 0 | 19 | 2 | 0 | 2 | 0 | 4 | 1 | 13 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 37 |
| 07:30 AM | 0 | 13 | 2 | 0 | 15 | 0 | 1 | 1 | 0 | 2 | 2 | 16 | 1 | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 36 |
| Total | 0 | 29 | 5 | 0 | 34 | 2 | 1 | 3 | 0 | 6 | 3 | 29 | 1 | 0 | 33 | 0 | 0 | 0 | 0 | 0 | 73 |
| 08:00 AM | 0 | 12 | 0 | 0 | 12 | 3 | 0 | 1 | 0 | 4 | 1 | 20 | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 37 |
| *** BREAK *** | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 12 | 0 | 0 | 12 | 3 | 0 | 1 | 0 | 4 | 1 | 20 | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 37 |
| *** BREAK *** | | | | | | | | | | | | | | | | | | | | | |
| 04:00 PM | 0 | 32 | 6 | 0 | 38 | 6 | 1 | 0 | 0 | 7 | 3 | 21 | 1 | 0 | 25 | 1 | 0 | 2 | 0 | 3 | 73 |
| 04:30 PM | 0 | 42 | 1 | 0 | 43 | 2 | 0 | 0 | 0 | 2 | 1 | 23 | 0 | 0 | 24 | 1 | 0 | 0 | 0 | 1 | 70 |
| Total | 0 | 74 | 7 | 0 | 81 | 8 | 1 | 0 | 0 | 9 | 4 | 44 | 1 | 0 | 49 | 2 | 0 | 2 | 0 | 4 | 143 |
| 05:00 PM | 0 | 47 | 5 | 0 | 52 | 2 | 2 | 0 | 0 | 4 | 2 | 21 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 79 |
| 05:30 PM | 2 | 37 | 1 | 0 | 40 | 0 | 1 | 3 | 0 | 4 | 2 | 23 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 69 |
| Total | 2 | 84 | 6 | 0 | 92 | 2 | 3 | 3 | 0 | 8 | 4 | 44 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | 0 | 148 |
| Grand Total | 2 | 211 | 18 | 0 | 231 | 18 | 5 | 7 | 0 | 30 | 12 | 147 | 2 | 1 | 162 | 2 | 0 | 2 | 0 | 4 | 427 |
| Apprch % | 0.9 | 91.3 | 7.8 | 0 | | 60 | 16.7 | 23.3 | 0 | | 7.4 | 90.7 | 1.2 | 0.6 | | 50 | 0 | 50 | 0 | | |
| Total % | 0.5 | 49.4 | 4.2 | 0 | 54.1 | 4.2 | 1.2 | 1.6 | 0 | 7 | 2.8 | 34.4 | 0.5 | 0.2 | 37.9 | 0.5 | 0 | 0.5 | 0 | 0.9 | |
| Unshifted | 2 | 211 | 18 | 0 | 231 | 18 | 5 | 7 | 0 | 30 | 12 | 147 | 2 | 1 | 162 | 2 | 0 | 2 | 0 | 4 | 427 |
| % Unshifted | 100 | 100 | 100 | 0 | 100 | 100 | 100 | 100 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 100 | 0 | 100 | 100 |
| Bank 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| % Bank 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

# City of Rockford

425 E. State Street
Rockford, IL 61104
*Traffic Commission*

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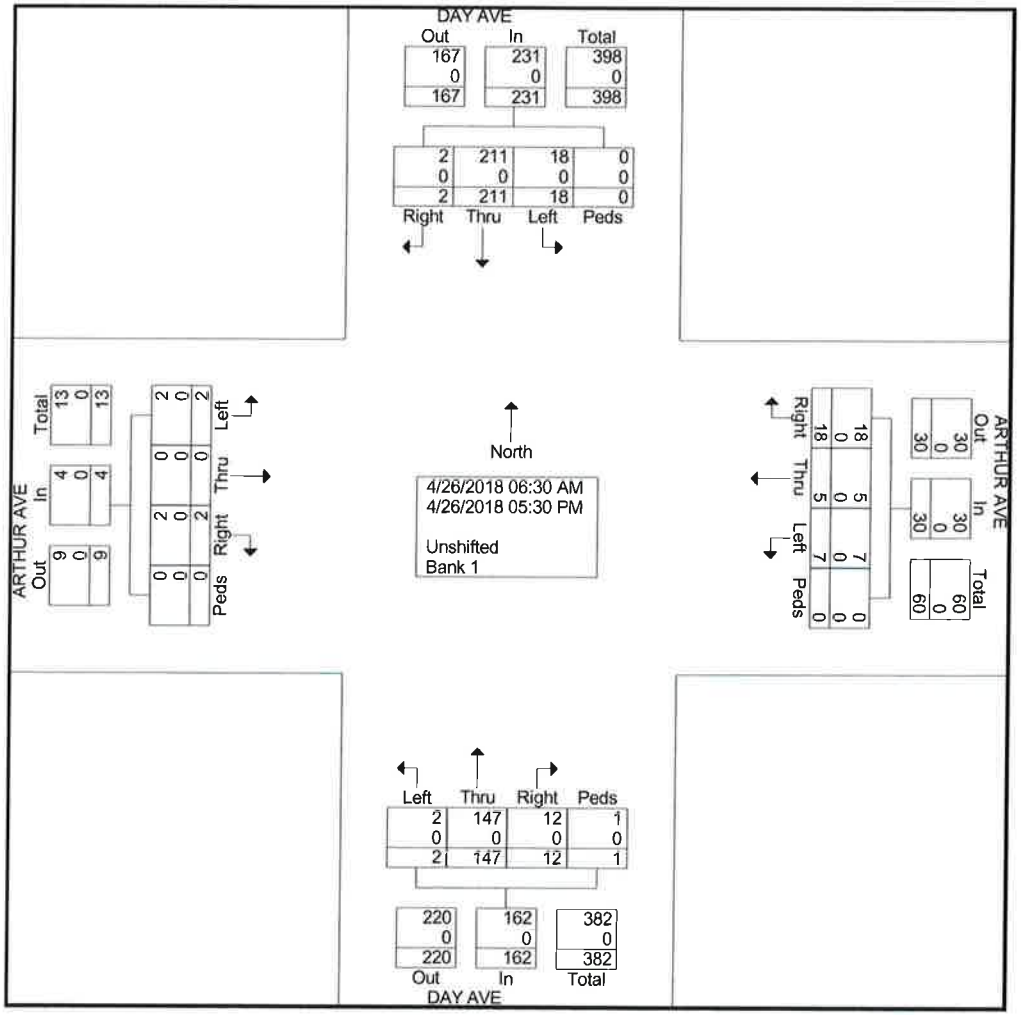
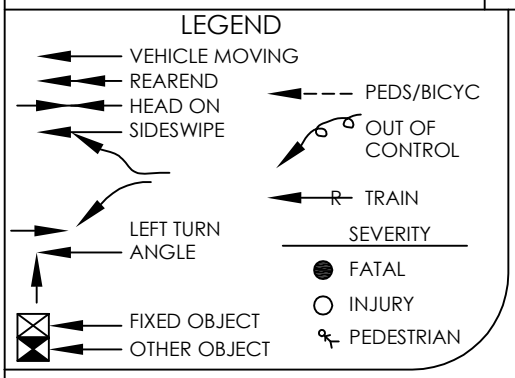
Site Code : 00000000
Start Date : 4/26/2018
Page No : 2



TRAFFIC DIVISION
COLLISION DIAGRAM

INTERSECTION OF ARTHUR AVENUE AND DAY AVENUE
PERIOD COVERED JANUARY 2015 TO MAY 2018
COMPILED AND DRAWN BY PDS DATE 05/01/2018

**1**



ARTHUR AVENUE

DAY AVENUE

| COLLISION TYPE | 2015 | | | | 2016 | | | | 2017 | | | | 2018 | | | | TOTAL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FATAL | INJ | PDO | TOTAL | FATAL | INJ | PDO | TOTAL | FATAL | INJ | PDO | TOTAL | FATAL | INJ | PDO | TOTAL | FATAL | INJ | PDO | TOTAL |
| REAR END | | | | | | | | | | | | | | | | | | | | |
| ANGLE | | | | | | | | | | | 1 | 1 | | | | | | | 1 | 1 |
| HEAD-ON | | | | | | | | | | | | | | | | | | | | |
| FIXED OBJECT | | | | | | | | | | | | | | | | | | | | |
| SIDESWIPE | | | | | | | | | | | | | | | | | | | | |
| OVERTURN | | | | | | | | | | | | | | | | | | | | |
| OTHER OBJECT | | | | | | | | | | | | | | | | | | | | |
| PEDS/VEH | | | | | | | | | | | | | | | | | | | | |
| LEFT TURN | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | 1 | 1 | | | | | | | 1 | 1 |
| NUMBER OF TOTAL | 0 | | | | 0 | | | | 1 | | | | 0 | | | | 1 | | | |

## Pablo Solares

**From:** Jeremy Carter
**Sent:** Tuesday, May 1, 2018 11:24 AM
**To:** Pablo Solares
**Cc:** Kerry Lin
**Subject:** May Traffic commission Agenda

Pablo-
Please add this item to the May Agenda.

Request in the 7th Ward, from Glendell Parham, to establish traffic control of Jefferson Street stopping for Soper Avenue, thus repealing the existing traffic control of Jefferson Street yielding for Soper Avenue.

**Jeremy A. Carter, P.E.**
City Traffic Engineer
City of Rockford, Illinois
Department of Public Works
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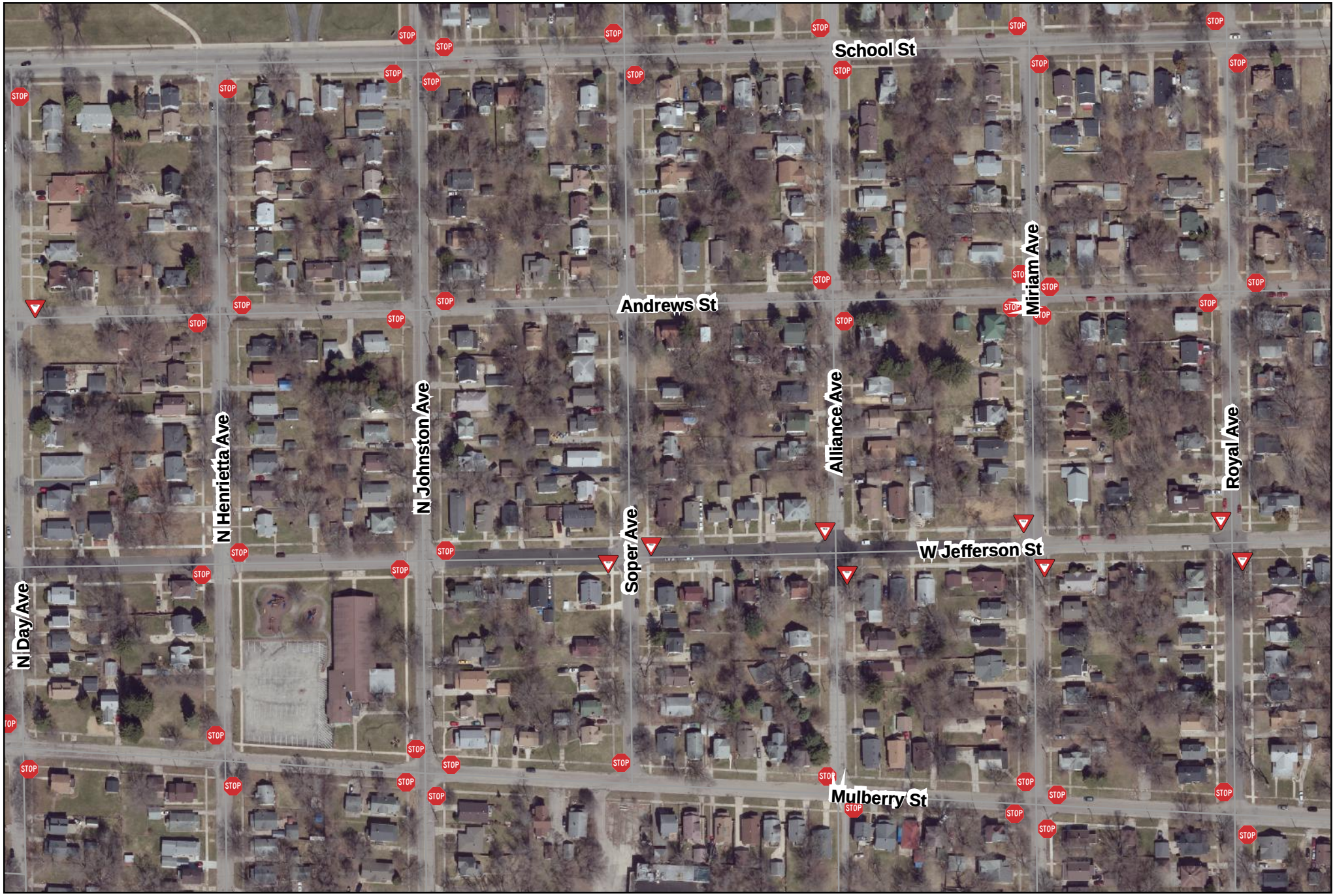
City of Rockford
Public Works
Engineering Division

Request to establish 4-way stop control at the intersection of Jefferson St and Soper Ave, thus repealing the existing yield control at the intersection of Jefferson St and Soper Ave
Ward 13

2

Produced:05/01/2018
Traffic Engineering Division




City of Rockford
Public Works
Engineering Division

Request to establish 4-way stop control at the intersection of Jefferson St and Soper Ave, thus repealing the existing yield control at the intersection of Jefferson St and Soper Ave
Ward 13

2

Produced:05/01/2018
Traffic Engineering Division

getting around Illinois

Illinois Department of Transportation
Randall S. Blankenhorn, Secretary

Bruce Rauner, Governor

Map Type | Base Map | Other Links | Full Extent | Help | Print Map

Search: go

**Legend**

Click on map symbols to get more detail

- [x] Traffic Count
  - [x] Traffic Volume
  - [ ] Truck Volume

19600 Traffic Label

1575 Truck Label

- [ ] Identify Historic Traffic Counts

2250 School St
3000 School St
School St
3550 School St
Andrews St
W Jefferson St
Mulberry St
700 Mulberry St
550 Mulberry St
W State St
7650
7250 W State St
7100 State St
7450 W State St
Branch 20
Kimberly McMillan Park
N Burbank Ave
Bayliss Ave
N Horace Ave
N Day Ave
N Henrietta Ave
N Johnston Ave
Soper Ave
Alliance Ave
Miriam Ave
Royal Ave
Albert Ave
N Sunset Ave
N Central Ave
N Independence Ave
Oakley Ave
Irving Ave
Klines Ave
Vista Terrace
Carson Ct
Howard Ave
Elm St
1750
1150
800
600
4600

2

bing

esri

# City of Rockford

425 E. State Street
Rockford, IL 61104
*Traffic Commission*

Default Comments
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Select File/Preference in the Main Scree
Then Click the Comments Tab

File Name : Jefferson St and Soper Ave AM&PM-05-02-2018
Site Code : 00000000
Start Date : 5/2/2018
Page No : 1

**Groups Printed- Unshifted - Bank 1**

| | SOPER From North | | | | | W JEFFERSON From East | | | | | SOPER From South | | | | | W JEFFERSON From West | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Right | Thru | Left | Peds | App. Total | Right | Thru | Left | Peds | App. Total | Right | Thru | Left | Peds | App. Total | Right | Thru | Left | Peds | App. Total | Int. Total |
| 06:30 AM | 0 | 2 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Total | 0 | 2 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 07:00 AM | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 3 |
| 07:30 AM | 0 | 2 | 0 | 0 | 2 | 1 | 2 | 1 | 0 | 4 | 1 | 1 | 0 | 0 | 2 | 0 | 5 | 1 | 0 | 6 | 14 |
| Total | 0 | 3 | 0 | 0 | 3 | 1 | 3 | 1 | 0 | 5 | 1 | 1 | 0 | 0 | 2 | 0 | 6 | 1 | 0 | 7 | 17 |
| 08:00 AM | 1 | 0 | 0 | 0 | 1 | 0 | 8 | 0 | 0 | 8 | 0 | 1 | 1 | 0 | 2 | 0 | 5 | 1 | 0 | 6 | 17 |
| *** BREAK *** | | | | | | | | | | | | | | | | | | | | | |
| Total | 1 | 0 | 0 | 0 | 1 | 0 | 8 | 0 | 0 | 8 | 0 | 1 | 1 | 0 | 2 | 0 | 5 | 1 | 0 | 6 | 17 |
| *** BREAK *** | | | | | | | | | | | | | | | | | | | | | |
| 04:00 PM | 1 | 7 | 1 | 0 | 9 | 3 | 4 | 0 | 0 | 7 | 0 | 4 | 0 | 0 | 4 | 0 | 3 | 0 | 0 | 3 | 23 |
| 04:30 PM | 1 | 7 | 2 | 0 | 10 | 1 | 7 | 2 | 0 | 10 | 0 | 2 | 0 | 0 | 2 | 1 | 1 | 5 | 0 | 7 | 29 |
| Total | 2 | 14 | 3 | 0 | 19 | 4 | 11 | 2 | 0 | 17 | 0 | 6 | 0 | 0 | 6 | 1 | 4 | 5 | 0 | 10 | 52 |
| 05:00 PM | 0 | 5 | 1 | 0 | 6 | 1 | 7 | 2 | 0 | 10 | 0 | 3 | 0 | 0 | 3 | 1 | 3 | 0 | 0 | 4 | 23 |
| 05:30 PM | 1 | 3 | 0 | 0 | 4 | 0 | 6 | 3 | 0 | 9 | 2 | 5 | 0 | 0 | 7 | 1 | 3 | 2 | 0 | 6 | 26 |
| Total | 1 | 8 | 1 | 0 | 10 | 1 | 13 | 5 | 0 | 19 | 2 | 8 | 0 | 0 | 10 | 2 | 6 | 2 | 0 | 10 | 49 |
| Grand Total | 4 | 27 | 4 | 0 | 35 | 6 | 36 | 8 | 0 | 50 | 3 | 16 | 1 | 0 | 20 | 3 | 21 | 9 | 0 | 33 | 138 |
| Apprch % | 11.4 | 77.1 | 11.4 | 0 | | 12 | 72 | 16 | 0 | | 15 | 80 | 5 | 0 | | 9.1 | 63.6 | 27.3 | 0 | | |
| Total % | 2.9 | 19.6 | 2.9 | 0 | 25.4 | 4.3 | 26.1 | 5.8 | 0 | 36.2 | 2.2 | 11.6 | 0.7 | 0 | 14.5 | 2.2 | 15.2 | 6.5 | 0 | 23.9 | |
| Unshifted | 4 | 27 | 4 | 0 | 35 | 6 | 36 | 8 | 0 | 50 | 3 | 16 | 1 | 0 | 20 | 3 | 21 | 9 | 0 | 33 | 138 |
| % Unshifted | 100 | 100 | 100 | 0 | 100 | 100 | 100 | 100 | 0 | 100 | 100 | 100 | 100 | 0 | 100 | 100 | 100 | 100 | 0 | 100 | 100 |
| Bank 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| % Bank 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

# City of Rockford

425 E. State Street
Rockford, IL 61104
*Traffic Commission*

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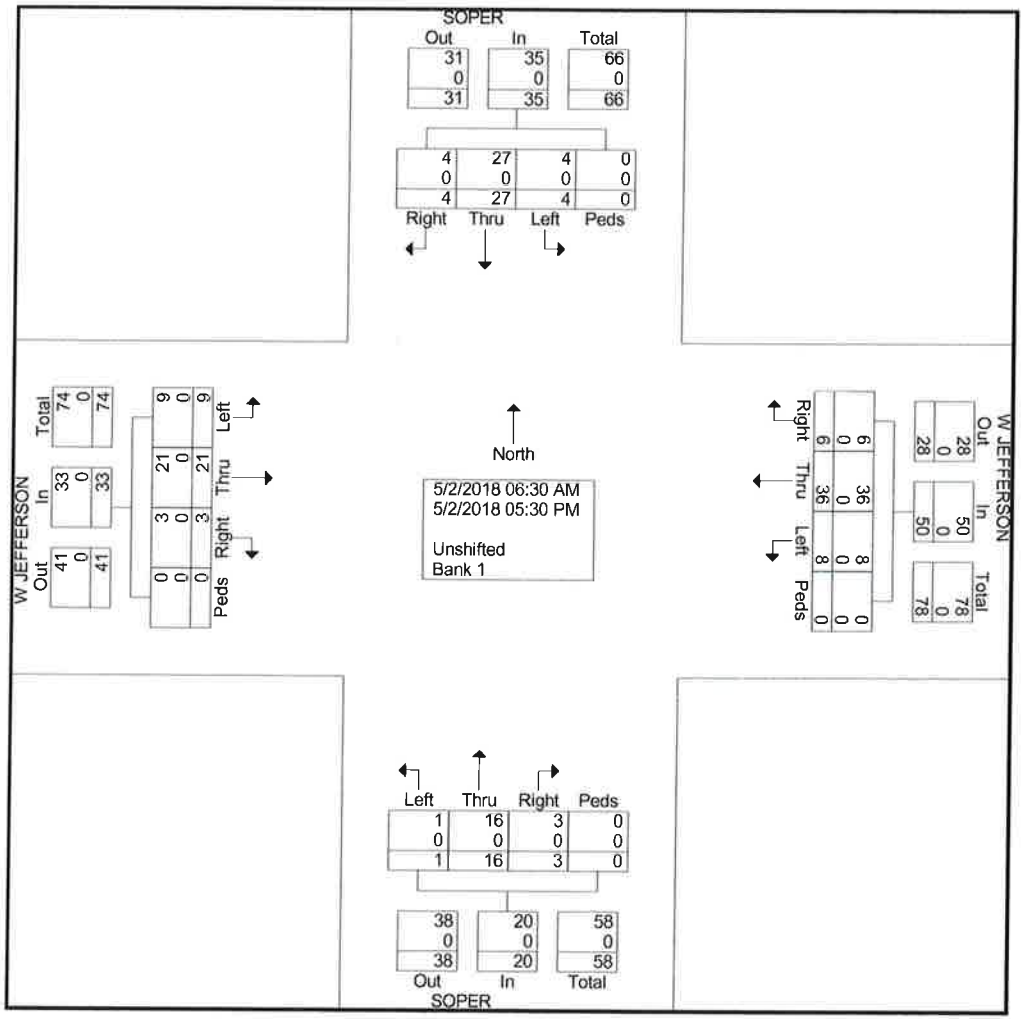
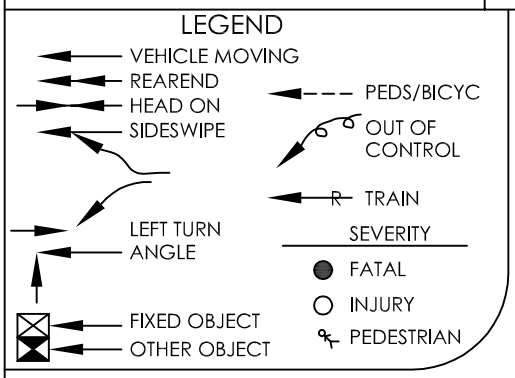
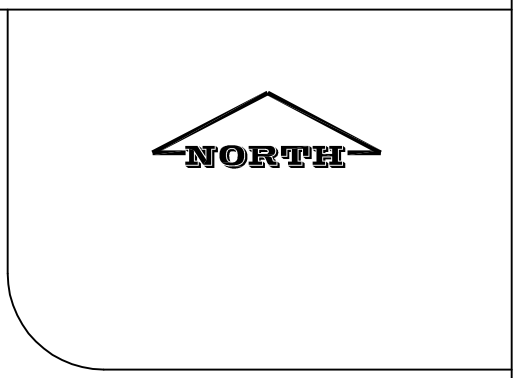


TRAFFIC DIVISION
COLLISION DIAGRAM

INTERSECTION OF JEFFERSON STREET AND SOPER AVENUE
PERIOD COVERED JANUARY 2015 TO MAY 2018
COMPILED AND DRAWN BY PDS DATE 05/01/2018

**2**



| COLLISION TYPE | 2015 | | | | 2016 | | | | 2017 | | | | 2018 | | | | TOTAL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FATAL | INJ | PDO | TOTAL | FATAL | INJ | PDO | TOTAL | FATAL | INJ | PDO | TOTAL | FATAL | INJ | PDO | TOTAL | FATAL | INJ | PDO | TOTAL |
| REAR END | | | | | | | | | | | | | | | | | | | | |
| ANGLE | | | | | | | | | | | | | | | | | | | | |
| HEAD-ON | | | | | | | | | | | | | | | | | | | | |
| FIXED OBJECT | | | | | | | | | | | | | | | | | | | | |
| SIDESWIPE | | | | | | | | | | | | | | | | | | | | |
| OVERTURN | | | | | | | | | | | | | | | | | | | | |
| OTHER OBJECT | | | | | | | | | | | | | | | | | | | | |
| PEDS/VEH | | | | | | | | | | | | | | | | | | | | |
| LEFT TURN | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | | | | | | | | |
| NUMBER OF TOTAL | 0 | | | | 0 | | | | 0 | | | | 0 | | | | 0 | | | |