



DATE: 10/5/2018

TO: DSATS PC Members

FROM: Brian Dickson, DSATS Coordinator
Tim Holdeman, DSATS Director

SUBJECT: Locations for 2018 DSATS Traffic Counts

Summary

At the end of 2017, DSATS members chose to purchase video traffic counting equipment and perform DSATS traffic counts in-house, rather than contract those services out on an annual basis. The member organizations are now looking to perform 2018 traffic counts in the fall of 2018.

IDOT normally does 24-hour traffic counts. DSATS has done 72 hour counts in the past. It has been proposed to change to 48-hour counts for 2018. This will use an average of 2 days for the DSATS counts. This will allow DSATS to video 2 intersections per counter every week. The 48-hour count is still twice as long as IDOT's counts.

For intersections which DSATS' member organizations are considering future traffic signals, DSATS should do a 12-hour turn movement count. This data would be taken from the 48-hour count.

Using past years locations, discussion amongst DSATS' member organization engineers, and concurrence by TAC members, the following locations have been identified.

Roadway Segment ADT (48-hour count)

1. North Somonauk Road between Cortland Center Road and Meadow Drive
2. Normal Rd between West Locust Street and Lucinda Avenue – at a location north of Locust Street still to be determined.

Intersection ADT (48-hour count)

1. Lincoln Highway (IL-38) at John Huber Parkway
2. Lincoln Highway (IL-38) at Annie Glidden Road
3. Lincoln Highway (IL-38) at First Street **NEW**
4. Lincoln Highway (IL-38) at Fourth Street (IL-23)
5. Lincoln Highway (IL-38) at Peace Road
6. Lincoln Highway (IL-38) at Loves Road
7. Lincoln Highway (IL-38) at South Somonauk Road
8. South Fourth Street (IL-23) at Fairview Drive
9. South Fourth Street (IL-23) at Taylor Street

10. South Fourth Street (IL-23) at Gurler Road **NEW**
11. Sycamore Road (IL-23) at Greenwood Acres Drive
12. Sycamore Road (IL-23) at Barber Green Road
13. DeKalb Avenue (IL-23) at Bethany Road
14. DeKalb Avenue (IL-23) at Peace Road
15. North Main Street (IL-23) at Peace Road / Plank Road
16. North Main Street (IL-23) at Mt. Hunger Road **NEW**
17. North Main Street (IL-23) at State Street (IL-64) **NEW**
18. East State Street (IL-64) at Airport Road **NEW**
19. Dresser Road at North Annie Glidden Road
20. Dresser Road at North First Street
21. Peace Road at Gurler Road **NEW**
22. Peace Road at Fairview Drive
23. Peace Road at Pleasant Street
24. Peace Road at County Farm Road **NEW**
25. Peace Road at Barber Greene Road
26. Peace Road at Bethany Road
27. Peace Road at Mercantile Drive **NEW**
28. Peace Road at State Street (IL-64)
29. Peace Road at Freed Road
30. Peace Road at Brickville Road
31. North Somonauk Road at Barber Greene Road
32. North Somonauk Road at Bethany Road
33. Bethany Road at North First Street
34. Plank Road at Lindgren Road
35. North Annie Glidden Road at Lucinda Avenue

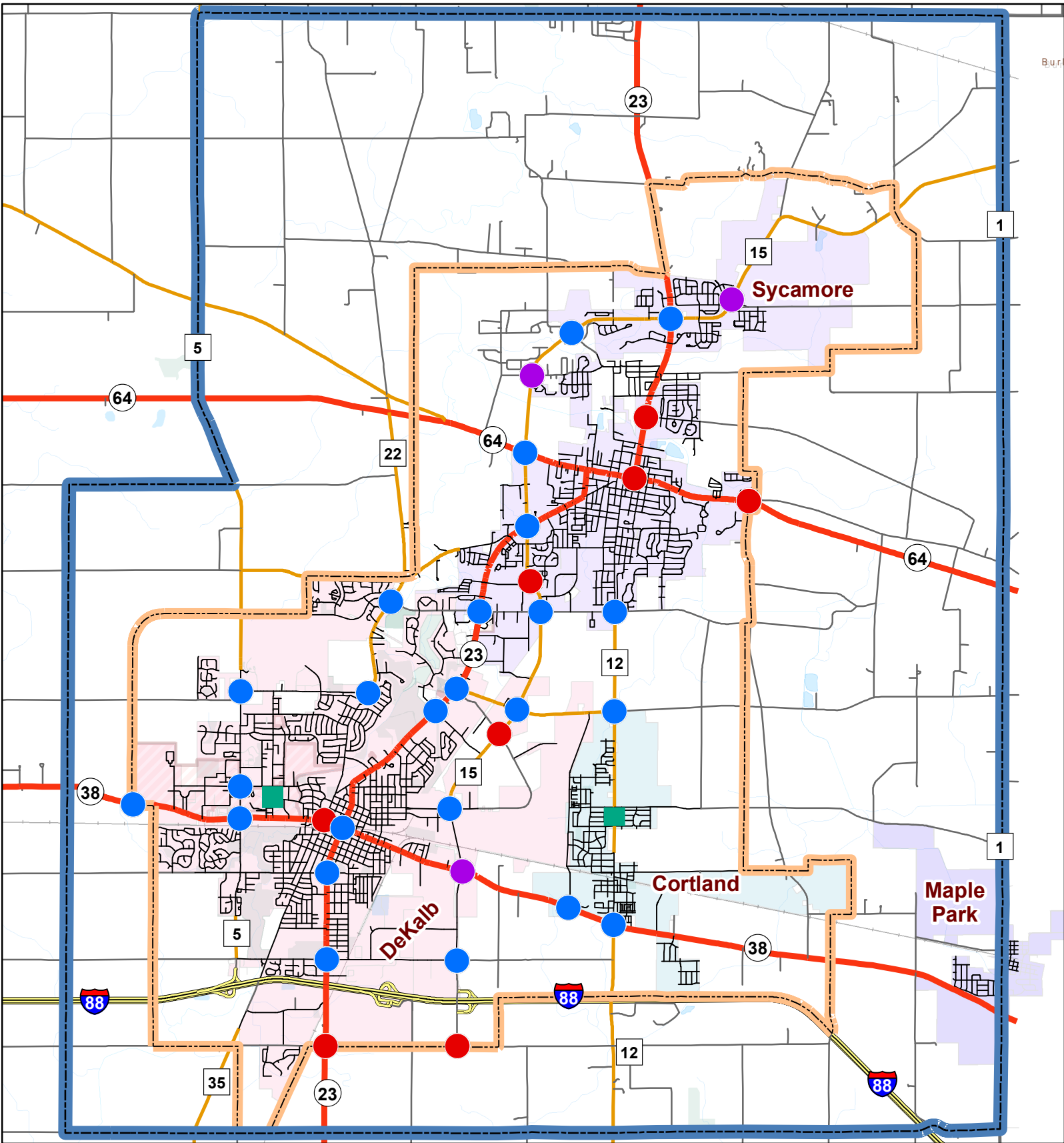
Intersection Turning Movement Count (12-hour count)

1. Lincoln Highway (IL-38) at Peace Road**
2. Plank Road at Lindgren Road**
3. Peace Road at Freed Road**

**Overlaps with 48-hour intersection ADT count planned at this location

The map below identifies last year's locations plus proposed new locations.

Locations for 2018 DSATS Traffic Counts



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|---|-------------------------------|----------------|-----------------|
| 12-Hour Turn Movement Count (w/ 48-Hour Intersection ADT) | DSATS Urbanized Area Boundary | State Highway | Interstate Ramp |
| 48-Hour Intersection ADT - New | DSATS Planning Boundary | County Highway | Railroad |
| 48-Hour Intersection ADT - Existing | Interstate | Municipal | Water |
| Roadway Segment ADT | US Highway | Township | NIU |

