Special Committee to Study and Make Recommendations Regarding Truck Traffic & Freight Movements Along SR 41, SR 48 & SR 7

TRAFFIC DATA

Jim Burnett, P.E., PTOE July 12, 2027

Traffic Count Locations



Heavy Vehicle Definition



Timeline of Data Collection

Signs Installed



Signs Removed June 2016
Aug 2016
Oct 2016

Jan 2017

Traffic Data collected 5 different times

June 2017

Sample Traffic Data Table

AM Peak

Signs Installed 1-h	1 br Volumo	Heavy Trucks	
	1-hr Volume	Volume	%
June 2016	3,400	340	10%
Aug 2016	3,500	360	11%
Oct 2016	3,700	340	8%
Jan 2017	3,400	300	6%
June 2017	3,200	320	10%
		Signs Removed	

5 Time Periods Studied



Similar Trends

- Daily (24 hour)
- **AM Peak** (7AM 8AM)
- **PM Peak** (5PM 6PM)
- Overnight (10PM 5AM)
- Weekend (48 hour)

Daily (24-hour) Traffic



- Compared to a year ago: Modest reduction in heavy trucks near state line on SR 41 and almost no change on SR 7.
- Since the signs were removed: heavy trucks decreased on SR 48, and remained constant on SR 41. However, trucks volumes on SR 41 are lower now than they were a year ago.



- Just like Northbound, compared to a year ago: Modest reduction in heavy trucks near state line on SR 41 and almost no change on SR 7.
- Since the signs were removed: heavy trucks decreased on SR 48, but increased on SR 41. However, trucks volumes on SR 41 are lower now than they were a year ago.

AM Peak Hour (7-8am) Traffic



- Just like the daily trends, compared to a year ago: Reduction in heavy trucks near state line on SR 41 and almost no change on SR 7.
- Since the signs were removed: heavy trucks decreased on SR 48, and remained similar on SR 41. However, trucks volumes on SR 41 are lower today than they were a year ago.



- Just like the daily trends, compared to a year ago: Reduction in heavy trucks near state line on SR 41 and no change on SR 7.
- Since the signs were removed: heavy trucks decreased on SR 48, and remained similar on SR 41. However, trucks volumes on SR 41 are lower now than they were a year ago.

PM Peak Hour (5-6pm) Traffic



- Similar to the daily trends, compared to a year ago: Slight reduction in heavy trucks near state line on SR 41 and no change on SR 7.
- Since the signs were removed: heavy trucks decreased slightly on SR 48, and remained similar on SR 48. However, trucks volumes on SR 41 are lower now than they were a year ago.



• Compared to a year ago: Little change in heavy trucks near state line on SR 41 or SR 7.

• Since the signs were removed: heavy trucks have remained similar on SR 48, and increased on SR 41. However, trucks volumes on SR 41 are lower now than they were a year ago.

Overnight (10pm-5am) Traffic



- Similar to the daily trends, compared to a year ago: Slight reduction in heavy trucks near state line on SR 41 and almost no change on SR 7.
- Since the signs were removed: heavy trucks decreased on SR 48, and remained similar on SR 41. However, trucks volumes on SR 41 are lower now than they were a year ago.



- Compared to a year ago, little change in heavy trucks near state line on SR 41 and a reduction in trucks on SR 7.
- Since the signs were removed: heavy trucks decreased on SR 48, and increased on SR 41. However, trucks volumes on both roads are similar to their levels a year ago.

Weekend (48-hr) Traffic



- Compared to a year ago, reduction in heavy trucks near state line on SR 41 and an increase in trucks on SR 7.
- Since the signs were removed: heavy trucks decreased on SR 48, and remained similar on SR 41. However, trucks volumes on SR 48 are reduced from their levels a year ago.



- Like the Northbound direction, compared to a year ago, a reduction in heavy trucks near state line on SR 41 and an increase in trucks on SR 7.
- Since the signs were removed: heavy trucks decreased on SR 48, and have increased on SR 41. However, trucks volumes on SR 41 are reduced from their levels a year ago.

5 Time Periods Studied

Summary

- Daily (24 hour)
- AM Peak (7AM 8AM)
- **PM Peak** (5PM 6PM)
- Overnight (10PM 5AM)
- Weekend (48 hour)

- All very similar trends
- <u>Near State Line</u>: Compared to a year ago, generally a modest reduction in heavy trucks on SR 41 and little change in trucks on SR 7
- <u>Since the Signs were</u> <u>Removed</u>: heavy trucks generally decreased on SR 48, but remained similar on SR 41. Trucks volumes on SR 41 are generally lower than their levels a year ago.

5 Time Periods Studied

Summary

- Daily (24 hour)
- AM Peak (7AM 8AM)
- PM Peak (5PM 6PM)
- Overnight (10PM 5AM)
- Weekend (48 hour)

- Weekend trends differ
- <u>Near State Line</u>: Compared to a year ago, a reduction in heavy trucks on SR 41 and an increase in trucks on SR 7.
- <u>Since the Signs were</u> <u>Removed</u>: heavy trucks decreased on SR 48, and have increased on SR 41, however, like all other time periods, trucks volumes on SR 41 are lower than their levels a year ago.