



Waterford School District Board of Education Study Session November 21, 2019

Transportation Study

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Transportation

Items to Consider:

- Geographic Territory
- Ridership
- School start and end times
- Special runs
- Staffing resources



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Geographic Territory:

- District spans 4 Townships and 1 City
- 40 square miles
- 1 Preschool
- 9 Elementary Schools
- 2 Middle Schools
- 3 High Schools
- 1 Special needs school
- 2 Out of District schools



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Ridership:

- 8,161 district students
- 5,095 students qualify for regular education routes
- 272 qualify for special needs routes

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School Drop Off Times:

- Morning:

- High School

7:10

40 minutes

- Middle School

7:50

50 minutes

- Elementary School

8:40

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School Pick Up Times:

- **Afternoon:**

- High School

Arrive - Depart

2:28-2:35

33 minutes

- Middle School

3:08-3:15

42 minutes

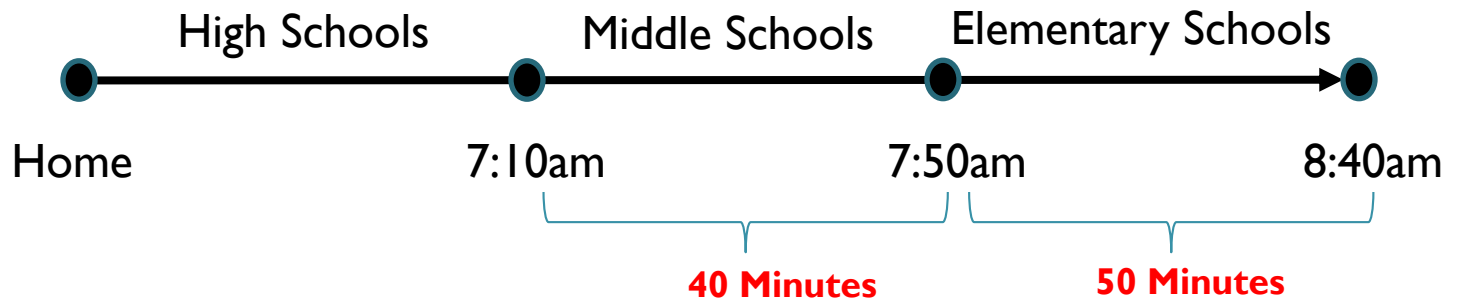
- Elem Schools

3:57-4:00

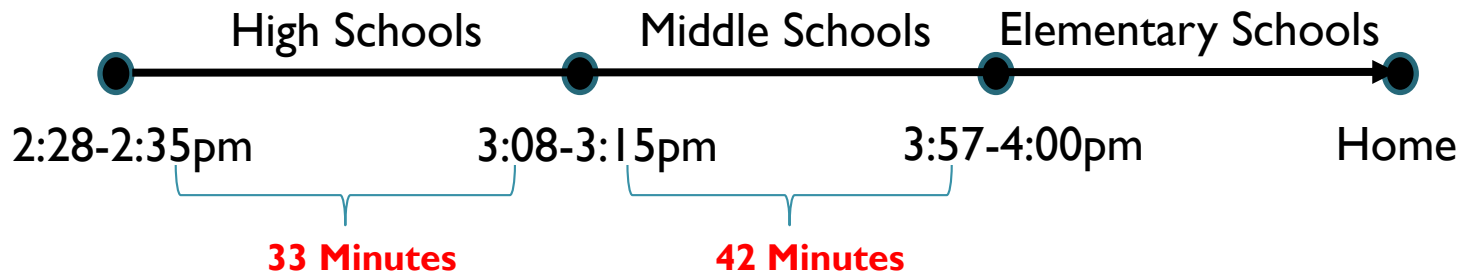
Transportation

Summary:

- Morning:



- Afternoon:



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High School Window:

- Morning:
 - Pick up beginning at 6:00am with drop off no later than 7:10am
 - Earlier pick up times may be necessary as we get deeper into winter, prior year pick up began at 5:50am
- Afternoon:
 - 33 minute window to transport High School students beginning at 2:35pm and returning to the Middle Schools by 3:08pm (3:15pm departure)
 - Current Routes:

<u>Route</u>	<u>Number of Routes</u>	<u>Student Count</u>	<u>Average Minutes</u>	<u>(Over) Under</u>
Kettering	11	839	41	(8)
Mott	14	947	39	(6)

- Transportation is short on average 7 minutes to return to the Middle Schools:
 - This is accomplished by utilizing the float time between expected arrival and actual departure at Middle Schools

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Middle School Window:

- Morning:
 - 40 minute window to transport Middle School students beginning by 7:10am and returning to the Middle Schools by 7:50am
 - Current Routes:

<u>Route</u>	<u>Number of Routes</u>	<u>Student Count</u>	<u>Average Minutes</u>	<u>(Over) Under</u>
Mason	13	770	44	(4)
Pierce	14	652	38	2

- Transportation is short on average 1 minute to return to the Elementary Schools:

Transportation

Middle School Window:

- Afternoon:
 - 42 minute window to transport Middle School students beginning by 3:15pm and returning to the Elementary Schools by 3:57pm
 - Current Routes:

<u>Route</u>	<u>Number of Routes</u>	<u>Student Count</u>	<u>Average Minutes</u>	<u>(Over) Under</u>
Mason	13	770	44	(2)
Pierce	14	652	38	4

- Transportation has a cushion on average of 1 minute to return to the Elementary Schools:

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Elementary School Window:

- Morning:
 - 50 minute window to transport Elementary students beginning by 7:50am and returning to the Elementary Schools by 8:40am
 - Current Routes:

<u>Route</u>	<u>Number of Routes</u>	<u>Student Count</u>	<u>Average Minutes</u>	<u>Average (Over) Under</u>
Beaumont	3	172	49	1
Cooley	4	285	48	2
Donelson Hills	5	297	47	3
Grayson	3	178	41	9
Haviland	2	116	58	(8)
Houghton	3	175	59	(9)
Knudsen	3	204	56	(6)
Riverside	3	172	47	3
Schoolcraft	4	270	51	(1)

- Transportation is short on average 1 minute to return to the Elementary Schools:
 - This is causing frustration with the principals and teachers
 - Students are crunched for time for breakfast as well as short on instructional time

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Elementary School Window:

- Afternoon:
 - Due to the tight Middle School schedule of 42 minutes for the return to the Elementary Schools, the buses are late for arrival causing frustration with the principals and teachers having to wait at the end of the day for buses
 - Buses are to arrive no later than dismissal time of 3:57pm, however on occasion the arrival time is as late as 4:15pm

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Disclaimer:

- All information is based on Poly Plot navigation
- Route times may vary:
 - Traffic congestion
 - Timing of lights
 - Weather
 - Volume of students/student conduct issues
 - Late release from school (e.g. teacher dealing with a fight)
- The routes are very tight, no room for:
 - Mechanical failures
 - Items listed above

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Regular Route Packages: 30

Special Route Packages: 21

Breakdown:

STEM Shuttle	1	
Durant Shuttles	2	
Pierce Student to Kettering	1	
Schoolcraft to Houghton	1	
Head Start / WPSEE	7	
JK Haviland & Grayson	5	
STARS Program	1	
ESL After School	5	4:30pm, Multiple Buildings
Special Education	2	Mich. School Deaf & Blind
Special Education	1	Bloomfield Hills (HI)
Special Education	3	KMS
Special Education	5	Life Tracks
Special Education	5	Mott
Special Education	3	Kettering
Special Education	2	Mason
Special Education	2	Pierce
Special Education	8	All Elms except Cooley

Note: List does not include private one on one transportation services (e.g. Ace Transportation for an out of district homeless student).

Transportation

Courtesy stops

Sashabaw/Midland

Sandycrest/Woodshire

Whitfield/Whitfield Ct

Elizabeth Lake Road

Mason Bus-NTA border

Houghton Bus-NTA border

Schoolcraft Bus-NTA border

Elizabeth Lake is 5 lanes with no pedestrian bridge

Established stops with some courtesy students on board (capacity available)

Lansdowne/Wilson

Shawnee/St. Jude

Chesterfield/Mayfair

Forest/Maycrest

Lorena/Watkins

Airport/Appian Way (Childcare)

Kettering Bus-NTA border

Mason Bus-NTA border

Beaumont Bus-NTA border

Cooley Bus-NTA border

Cooley Bus-NTA border

Schoolcraft Bus

Note: 140 riders, 50% are dual stops for divorce situations

NTA - Non Transportable Area (e.g. within walking distance)

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Staffing:

- 10 years ago:
 - 44 Regular routes
 - 24 Special routes
 - Wages of \$18.29
 - Top wages would have been \$19.39 if adjusted with all other District contracts thru 2020
- Current:
 - 30 Regular routes
 - 21 Special routes
 - Wages of \$17.34

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Staffing:

- Top wages reached a high of \$18.66 per hour in 2009
- Wages would have been \$18.85 (but a 1% off schedule was never paid)
- 2015-16 the District entered into a concessionary agreement with the bus drivers reducing pay to a range of \$14.14 to \$16.10 per hour
- Unfortunately the agreement was so one sided favoring the District that we could not hire any drivers
- 2017-18 the District was short drivers and had to increase the rate to a flat \$17.00 per hour

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Staffing:

- County average wage*:
 - \$19.44
- Bordering districts' wages*:

○ Clarkston	\$20.10
○ Huron Valley	\$17.51
○ Pontiac	\$22.03
○ Walled Lake	\$22.44
○ W. Bloomfield	<u>\$19.48</u>
○ Average	\$20.33

*Wage study was from 2018-19 school year with estimated adjustment of 2% for 2019-2020. Additionally, these are the top wages as starting wages vary district to district.

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Staffing:

- Again, had the drivers received the same increases as all other groups and never had a concessionary agreement in place, then the top wage would be \$19.39 per hour
- Currently the District has 51 drivers
- The district is short 3 drivers and we are currently utilizing all 4 subs/relief drivers to fill the open routes (note: 1 sub/relief driver going on leave end of November)
- There is 1 driver in training, but one current driver will be out for 6 weeks starting at the end of November
- Mechanics, secretaries, and on occasion the Coordinator are filling in for drivers
- Some hourly staff are working 11 hour shifts when they are required to drive and do their regular job
- Transportation is at the bottom of the reserve list and can't dig deeper
- Once driver illnesses start to kick in, then it will be impossible to transport all eligible students



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Questions