



# **Proposed Bell Time Alignment For the Liverpool Family of Schools**

**Public Discussion**

**December 5, 2017**

# Meeting Outcome

To provide SSRSB with an opportunity to discuss **the bell time alignment for the Liverpool Family of Schools**

This meeting will :

- Review background facts
- Provide time for discussion and obtain feedback from attendees
- *Information from tonight's meeting will be used to prepare staff's recommendations to the governing board.*
- *The PPT and raw data from tonight's meeting will be posted on the SSRSB website alongside the information provided at the SAC meeting.*

# Why Align the Start/Stop Times

- \* Research shows a later start time is better for adolescent learning.
- \* A one run system shortens travel time for those students living furthest away.
- \* A one run system and later start times may positively impact family schedules and child care arrangements.
- \* Stronger student/driver/parent relationships
- \* Costs saved that can be reinvested elsewhere for all students.

# How did we get here?

Staff committed to an annual review of the request

Policy 265 procedures initiated 2013

Initial request received from Dr JC Wickwire 2012

Central Staff reports recommendations to Board for decisions



Policy 265 procedures initiated October 2017



Joint Liverpool SAC Consultation



Public Consultation Meeting



# Proposed Bell Time Alignment (for September 2018)

- No additional buses are required for transportation purposes
- The request is to have all Liverpool Family of Schools on a instructional bell time that enables a one run busing system.
- Current students in grades P to 5 would see no change in bell time
- Current students in grades 6 to 8, 9 to 12 would see a 35- 50 min later bell time.

School	Current start time	Proposed Start Time
SQMS	7:41	8:30
LRHS	8:00	8:35
DRJCW	8:45	8:45

School	Current stop time	Proposed Stop Time
SQMS	1:41	2:30
LRHS	1:55	2:35
DRJCW	2:45	2:45

# Timeline of Events

**2012-2013** Initial consultation about changing bell times. The change was not possible at the time without adding 5 additional buses. A commitment was made to review the factors annually.

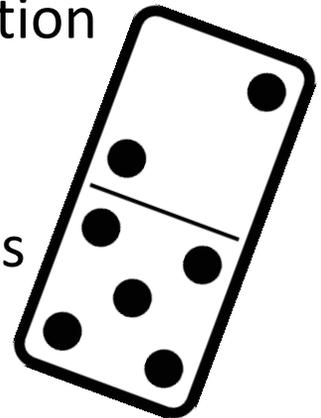
**2017 Spring Review** Following review of factors the possibility of change was found and consultations with each school staff and SAC took place. Due to policy 265 timelines no recommendations were made to the school Board for consideration.

**2017 (November / December)**

Changing of Start/End of school day, Liverpool Family of Schools consultation (policy 265).

**2017 / 2018** School Board review/discussion/ decision December/January

**September 2018** Possible New Bell Times in effect at Liverpool Family of Schools



# Transportation Considerations

- Transportation staff have investigated traffic flow around all three schools in regards to any potential safety concerns should a change be implemented.
  - Bus drop off and pickup would occur as it presently does.
  - Parent drop off would continue to occur in designated areas.
  - There would be minimal increase in bus traffic at the schools.
- Information about transportation changes within Liverpool will be provided to the Region of Queens Municipality following any decision.

What are the Facts should a P-12, One Run  
busing system for the Liverpool Catchment  
Area be implemented?

# Preliminary observations

- \* Number of Buses Available – 14
- \* Number of Students Eligible for Transportation – 836\*
- \* Potential number of students per bus (Based on Eligibility) - 60
- \* Average Number of students using transportation – (6 Field Visits) – AM 507\*\*  
PM 510\*\*
- \* % of eligible students actually using the bus – AM 60.6% PM 61%
- \* Number of students per bus based on Field visit – AM 36 PM 36

\*\* 6 Field visits have occurred, visits will be ongoing to confirm the number of students actually using the bus

# Student Travel Time

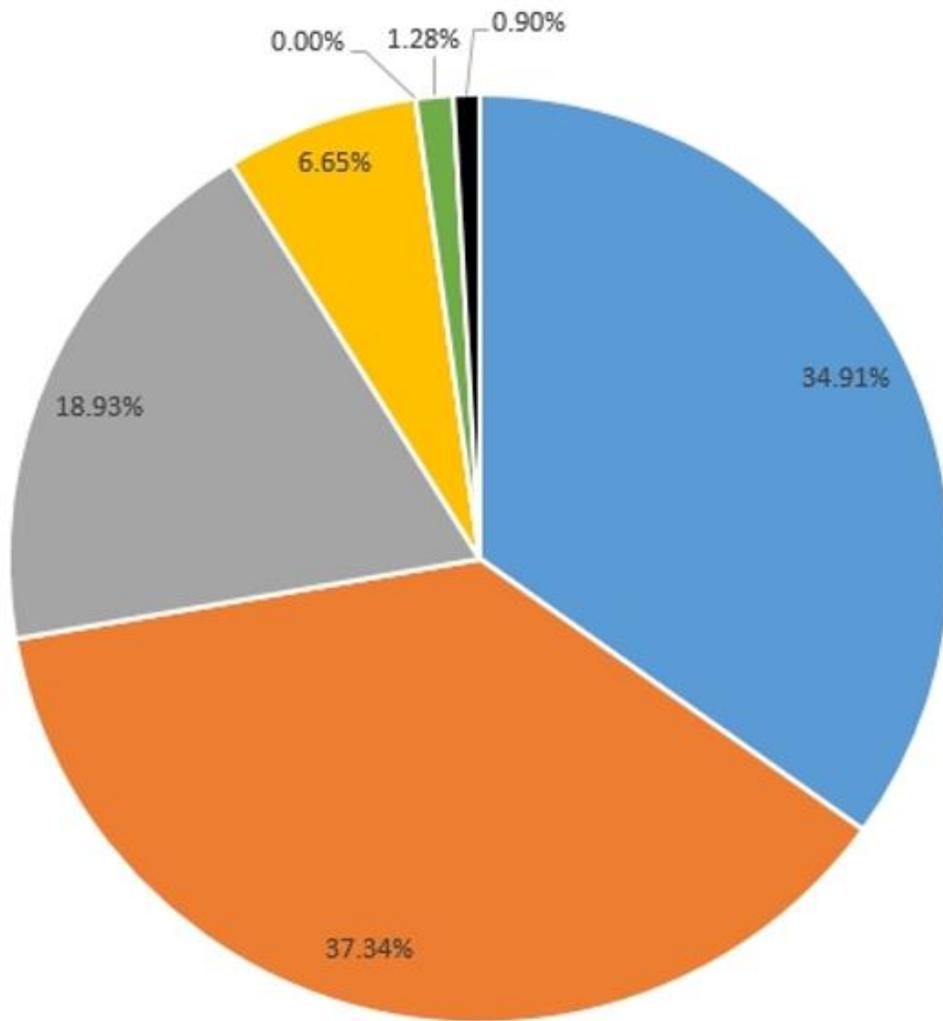
## Current two run system

Time(mins)	0-15	16-30	31-45	46-60	61-64	65-74	75+
# of Students	273	292	148	52	0	10	7
%	34.91%	37.34%	18.93%	6.65%	0.00%	1.28%	0.90%

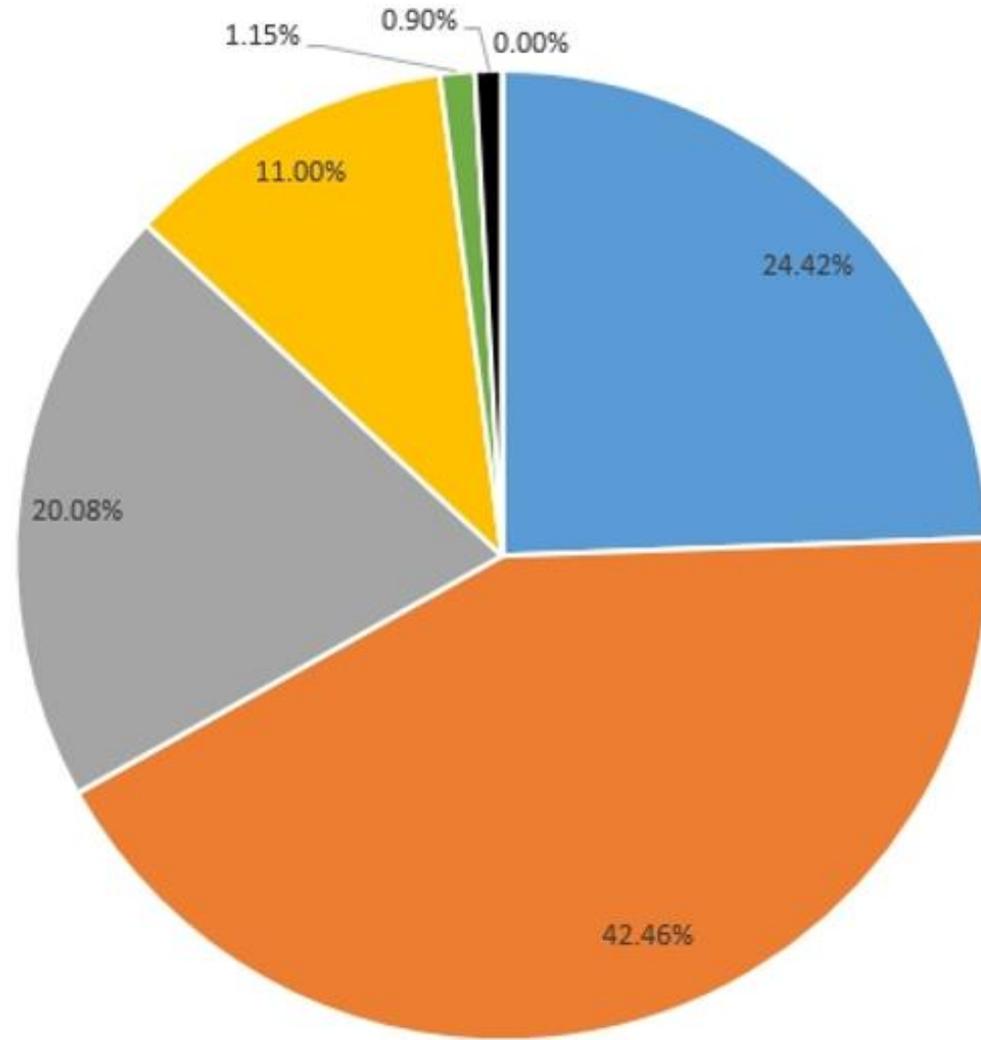
## Proposed one run system

Time(mins)	0-15	16-30	31-45	46-60	61-64	65-74	75+
# of Students	191	332	157	86	9	7	0
%	24.42%	42.46%	20.08%	11.00%	1.15%	0.90%	0.00%

Current Student Travel Time



Proposed Student Travel Time



■ 0-15 min   ■ 16-30 min   ■ 31-45 min   ■ 46-60 min   ■ 61-64 min   ■ 65-74 min   ■ 75+ min

# P-12 students traveling together

- \* P-12 student loads are the norm throughout our Board. This occurs in the NQ, NG, NES, NRCS and BA subsystems
- \* All routes have seating plans. Younger children sit up front close to the driver.
- \* Our professional drivers are trained in student management and techniques to ensure the safety of all students.
- \* Our buses are an extension of the school and school administration play a key role in supporting a safe and respectful school bus ride.
- \* No school bus discipline reports were filed at SQMS or LRHS during 2016-17.

# Potential Efficiencies Gained

- \* Later pick up and shorter travel times for students in far reaches of catchment area - current earliest pickup is 6:30 am, projected earliest time would be 7:15 am
- \* Later bell time for high school students – (research based) this is inline with the remaining subsystems in our Board.
- \* Fuel Efficiency – Current Loaded KM Travel/Day VS Future KM Travel/Day
  - \* 368.74 km/day = 71,904.46 km or **\$43,142.67** a year (Avg. \$0.60/km)
- \* Driver Paid time savings
  - \* 536.5hrs/Year (**\$14485.50**)
- \* Total Savings/year
  - \* **Total : \$57,628.17**

# A later bell time: Research based

- \* Provides an environment conducive to learning
- \* A growing number of global studies suggesting that early start times are at odds with adolescents' natural sleep patterns and can hamper both their academic progress and mental health.
- \* The American Academy of Pediatrics released a statement in 2014, recommending that middle schools and high schools delay the start of class to 8:30 a.m. or later. The academy also sounded the alarm on insufficient sleep in adolescents as a public-health issue that affects the academic success of students, as well as their health and safety
- \* Previous research internationally has shown that teenagers who are sleep-deprived do worse at school, have more health problems, and are more vulnerable to depression, anxiety and behavioural problems
- \* "Later school start times for secondary grades have been shown to improve sleep-debt, punctuality, attendance, behaviour, sociability and continuous enrolment, particularly for the at-risk student population," a [literature review](#) by researchers at Carleton University concluded

# Route Designs

- \* Mirrored Runs –Having students travel on the same bus in the morning and afternoon creates consistency for students and drivers, and has proven to decrease disciplinary issues on the bus
- \* Some present bus stops in the two run system will have to be combined. Preference is given to students with special needs and Elementary Students

# What we heard last spring during Staff and SAC Consultation

## \* **Start Stop Times Themes**

- \* Child care arrangements
- \* Safety and parking issues
- \* Older students grades 6-12 will experience the changes
- \* Before and after school activities affected
- \* Convenience opportunity for parents with siblings traveling at same times including daycare arrangements

## **Questions**

- \* Transition

# Small Group Discussion & Input

- The thoughts / ideas / comments from these small group discussions will be shared with all governing Board Members as part of their decision making process.
- In your group select a ....
  - ✓ **Recorder** - to write down your collective comments (the documents will be collected)
  - ✓ **Reporter** - to provide a brief, verbal report to the larger group (a consensus voice rather than individual opinion)
  - ✓ **Time Keeper** - to keep your group on-track and ensure all members have a voice
- Please use the “parking lot” to post any of your individual ideas or questions you may want the Board to consider.
- You will have 30 minutes in your small group and 15 for reporting out.

# Small Group Question

## Start/Stop Time

What challenges and/or opportunities will the proposed change in bell time present for:

- **All** Students
- **All** Parents/Guardians
- Other





**Thank you  
Merci  
Wela'lioq**

***SSRSB Motto: Inspiring students to reach their full potential***