



REPORT TO: Durham District School Board

DATE: April 19, 2022

SUBJECT: Bell Time Review

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ORIGIN: Kelly Mechoulan
Durham Student Transportation Services (DSTS) Chief Administrative Officer

1. Purpose

The purpose of this report is to provide the Board of Trustees with an update on bell times, the completion of the public consultation process, the outcome of the additional survey to some secondary schools, and to seek the Board's approval of the recommended bell time changes for the 2022-2023 school year.

2. Background

An extensive review of school bell times, along with a Board-wide consultation process occurred in spring 2017. From this review, there were 28 schools where bell times were revised. The following is a breakdown of the number of schools, by time:

- 10 minutes or less = 17 schools
- 15 to 25 minutes = 7 schools
- 30 to 45 minutes = 4 schools

The Bell Time Review provided the financial flexibility to meet future transportation needs. The review allowed for more pupils to be bused, representing 8%-12% more students bused with the same level of funding.

Bell time adjustments that are greater than 10 minutes require a Public Consultation process as outlined in Section 3.0 of the Bell Time Procedure.

In September 2020, a majority of secondary school bell times were adjusted to a 10:00 a.m. start time to address COVID-19 related operational issues that included an anticipated bus driver shortage.

At the October 18, 2021 Board meeting, DSTS provided an update to the Board of Trustees concerning the regional bell time review that would be completed during Fall 2021. DSTS outlined the benefits of optimizing school bell times to find efficiencies in student transportation, including:

- Ensuring students can consistently access in-person education, by lowering the number of drivers required to a level that can be adequately serviced by local operators;
- Ensuring transportation services for all students currently being bused are maintained (no service reductions), and supports and services for all students are not impacted;
- Improving traffic conditions and reducing the school board's carbon footprint and contribution to greenhouse gases;
- Adapting to traffic congestion within the region and around Durham District School Board (DDSB) schools; and
- Ensuring DSTS can provide bus service to growing communities and increased student enrolment within the District.



At the January 17, 2022 board meeting, DSTS presented possible options for trustee consideration. An overview of the three possible options presented at the meeting is below:

Option 1- Bell Time Changes

- Mitigates risk of open routes.
- Service continuation for all eligible students.
- Ability to accommodate transportation for growing communities.
- Ability to ensure students arrive on time for school.

From this review, DSTS recommended bell time changes to 20 elementary schools and 18 secondary schools.

DSTS proposed DDSB elementary bell times and length of change (from 2021/2022 bell time) are summarized below:

Time Change	# Schools
5 min.- 10 min.	11
15 min.- 25 min.	5
30 min.- 40 min.	2
45 min.- 60 min.	2
Total Schools	20

DSTS proposed DDSB secondary bell times and length of change (from 2019/2020 bell time) are summarized below:

Time Change	# Schools
5 min.- 10 min.	3
15 min.- 25 min.	5
30 min.- 40 min.	4
45 min.- 55 min.	6
Total	18

DSTS proposed the following start times for DDSB secondary schools summarized below:

Start time	# Schools
8:00 a.m.	7
8:45 a.m.	1
9:30 a.m.	10

Option 2- No Bell Time Changes and Use of Durham Regional Transit for Urban Secondary Students

- Bell times remain unchanged for all elementary schools
- Secondary bell times return to 2019/2020 school year times.
- Shortage of school bus drivers by approximately 80-90 drivers.
- Use of DRT to mitigate service disruptions for eligible urban secondary students.
- Open runs would impact elementary schools, northern secondary schools, and special education routes.
- Limited flexibility to accommodate transportation to growing communities.
- Some northern schools will require sharing between three (3) to four (4) schools which may result in additional supervision time at the school and some ride times of approximately 75-80 minutes. Any additional supervision time would have to be handled within collective agreement limits.
- Open routes may last throughout the fall but could extend for the duration of the school year under a worst-case scenario situation.
- Cost implications of DRT passes to the school boards range from 5 million to 6.5 million beyond current Ministry funding for transportation.

Option 3- No Bell Time Changes

- Bell times remain unchanged for elementary schools.
- Secondary bell times return to 2019/2020 school year times.
- Shortage of school bus drivers by approximately 80-90 drivers.
- Open runs would impact all elementary schools, secondary schools, and special education routes.
- Limited flexibility to accommodate transportation to growing communities.
- Some northern schools will require sharing between three (3) to four (4) schools which may result in additional supervision time at the school and some ride times of approximately 75-80 minutes. Any additional supervision time would have to be handled within collective agreement limits.
- Open routes may last throughout the fall but could extend for the duration of the school year under a worst-case scenario situation.

At the January 17, 2022 board meeting, the Board also asked staff to undertake a public consultation process including all three options.

At the March 22, 2022 board meeting staff provided an update on the public consultation process, and were asked to administer a further survey to six secondary school communities with the choice between a 8:00 a.m. to 2:00 p.m. or 10:00 a.m. and 4:00 p.m. school day, that could be accommodated without significant impact on tiering of existing routes.

At the April 6, 2022, DSTS Governance Committee meeting, the staff report on the public consultation and outcomes were presented. The Committee recommended Option 1 and supported the Bell Time Adjustments (outlined in Appendix A) for all DDSB and DCDSB elementary and secondary schools for the 2022/2023 school year.

3. Analysis

The following consultation process was undertaken for the proposed bell time changes.



On February 10, 2022, the bell time review consultation process was launched. Messages were sent to all DDSB families via School Messenger, coinciding with the launch of both the consultation webpage and social media campaign (Twitter, Instagram, Facebook).

The social media image and suggested post language were shared with all schools to help us push through their social channels as well.

Families were directed to the DSTS website where there was information about the bell time changes, including a listing of all proposed bell time changes, board reports, virtual consultation session information, frequently asked questions and answers, and links to all feedback options.

On February 15 and February 16, 2022, DSTS and member boards hosted two virtual public consultations. In total, 517 individuals registered for the open houses, and 287 attended the full session, with 273 questions submitted and answered by staff during the sessions. Overall 77% of participants found the session informative and 85% had reviewed the DSTS website bell time information.

The DDSB online survey and thought exchange closed on February 25, 2022, with the following responses received.

Participants - Survey	2,220
Students Gr. 1-7	46
Students Gr. 8-12	269
Parents/Guardians of DDSB Students	1,731
DDSB Employees/Staff who are NOT parents of a DDSB student	138
Community Stakeholders - Members of the Public	17

Participants - ThoughtExchange	1,090
Students attending one of the 24 affected schools in Sept 2022	142
Parents/Guardians of DDSB Students attending one of the 24 affected schools in Sept 2022	793
Other - students or families from all other schools, staff, community members	155

Total Participants (Survey and ThoughtExchange)	3,310
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Of the 2,220 survey participants, 1,931 indicated the school that they were attending. Below is the breakdown of the survey respondents attending elementary schools with a proposed bell time change.

Time Change	# Survey Participants
5 min.- 10 min.	185
15 min.- 25 min.	129
30 min.- 40 min.	87
45 min.- 55 min.	97
Total	498



Of the 1,931 survey respondents, 1,433 were from secondary school stakeholders. Below is a breakdown of survey respondents by secondary school start time.

Start time	# Survey Participants
8:00 a.m.	583
8:45 a.m.	45
9:30 a.m.	805
Total	1,433

Overall, the total school population of all 38 DDSB proposed bell times is 29,605 students with a total of 485 bus routes servicing those schools.

Of the overall parents/guardians and students who responded, 34% indicated they were bussed (41% or 129/312 students who responded and 33% of 570/1732 parents who responded). Additionally, of the parent/guardian respondents who answered how they would get to school without transportation, approximately 43% said they would have no other way to get to school and 37% said they would drive their children.

As part of the survey, parents/guardians, and students were asked if the bell time changed for September 2022, what would be the impact on their family. 33% indicated a positive impact, 11% neutral, and 56% negative impact.

The main reasons for opposition to elementary bell time changes were daycare concerns and parent work schedules. The main opposition for secondary schools were split. Concerns with respect to an 8:00 a.m. school start centered on it being too early for students and a large change from what students have had for the last two years. Concerns for an 9:30 a.m. school start were more mixed, with some indicating the bell time would allow for more sleep and better academic performance and others concerned with after-school activities such as sports, sibling care, and part-time jobs.

During the initial review of the feedback received, several of the participants with a proposed 8:00 a.m. secondary school start expressed an interest in the schools being further surveyed with the choice between a bell time of 8:00 a.m. to 2:00 p.m. and 10:00 a.m. to 4:00 p.m. An additional survey was launched for the following schools with proposed 8:00 a.m. bell times: Brooklin H.S., Donald A. Wilson S.S., O'Neill C.V.I., Pickering H.S, Pine Ridge S.S., and Port Perry H.S. These six schools were chosen because the time change could be accommodated without significant impact on tiering of existing routes.

The survey for the six schools closed on April 3, 2022, and received 10,509 responses. 75.5% of respondents indicated a preference for the 8:00 a.m. start.

Below is a breakdown of the survey participants and overall results from the survey.

Secondary Survey of 8:00 a.m. or 10:00 a.m. Preference Participants	11,560
DDSB Student	4,555
Parent/Guardian of a DDSB Student(s) in grades 8 -12	4,254
BOTH a Parent/Guardian of a DDSB Student(s) in grades 8 -12 and a DDSB Employee	623
DDSB Employee/Staff (who is NOT a parent/guardian of a DDSB student)	811
Community Stakeholder - Member of the Public	266

Overall Results of Secondary Survey	
8:00 a.m. to 2:00 p.m.	75.5%
10:00 a.m. to 4:00 p.m.	24.1%

4. Financial Implications

Continued efficient use of transportation funds, maximizing the number of pupils bussed without an increased level of funding.

5. Evidence of Impact

N/A

6. Communication Plan

Students, parents/guardians and staff at the 38 schools with changes to their bell times will be notified of the change. This information will also be posted on school websites and the DSTS website.

7. Conclusion

To continue with the most efficient use of buses, busing needs are to be determined and managed on an ongoing basis. Bell times are crucial in providing such efficiencies. An annual review of existing bell times is required to manage transportation within the funding provided. In addition, DSTS is engaging with Durham Region Transit to explore short, medium and long-term opportunities in the hopes of working together to provide secondary students eligible for transportation the ability to use public transit.

DSTS and bus operators will continue with efforts to recruit and retain as many bus drivers as possible but given continuing uncertainty about elements of the next school year, DSTS requires direction on how to proceed with transportation planning. Scenario 1 is the option being recommended by the DSTS Governance Committee to provide the greatest certainty in being able to cover all routes and provide transportation services to all eligible students and equitable access to education.

8. Recommendation

That the Board of Trustees of the Durham District School Board approve the recommendation of the DSTS Governance Committee and the Bell Time Adjustments for DDSB elementary and secondary schools as outlined in Appendix A - DSTS Regional Bell Time Review.



9. Appendices

Appendix A – Regional Bell Time Review Consolidated Final Report

Report submitted by:

A handwritten signature in black ink, appearing to read 'KML', is positioned above a horizontal line.

Kelly Mechoulan, DSTS Chief Administrative Officer

Overview - Regional Bell Time Review Consolidated Final Report –April 2022

In September 2020, most secondary school bell times were adjusted to a 10:00 a.m. start time to address COVID-19 related operational issues that included an anticipated bus driver shortage.

In order to address the late secondary bell times (10:00 a.m. to 4:00 p.m.) and the ongoing bus driver shortage, a regional review of school bell times was conducted by DSTS during the fall of 2021. Current and proposed bell times have been provided in separate reports for each area within the region.

DSTS reviewed all school bell times using the following guiding principles:

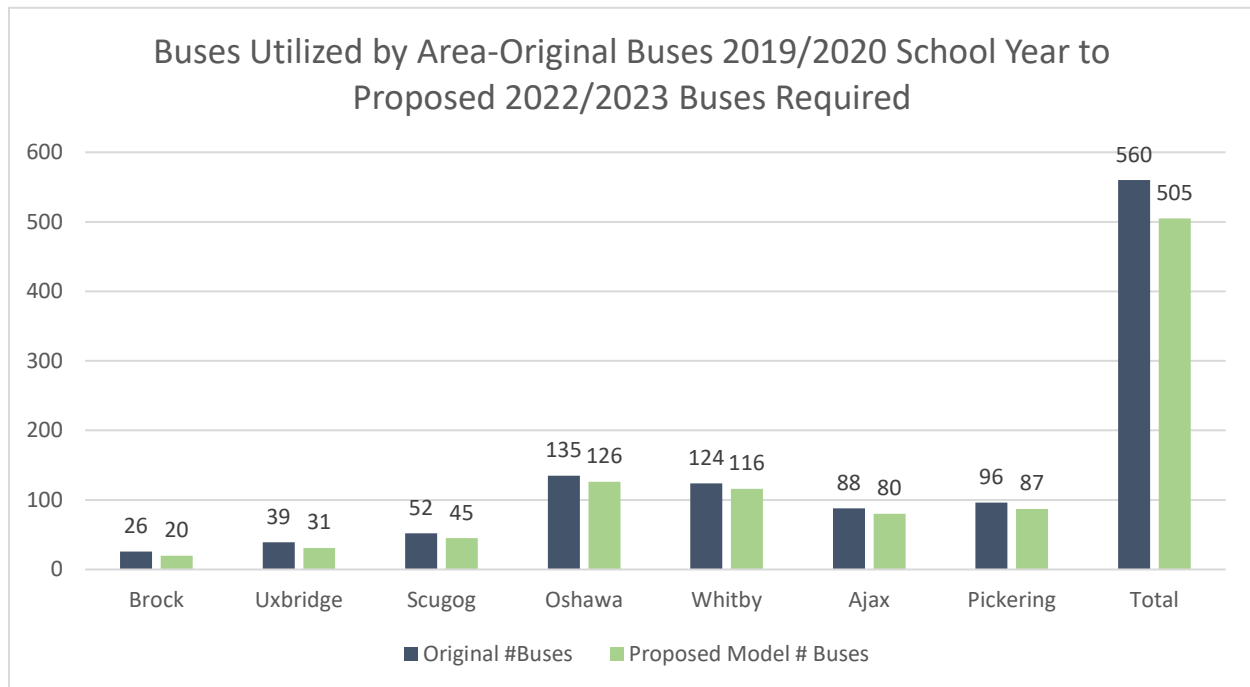
- Priority for students to be present and on time for school.
- Minimize the changes in bell times where possible at elementary schools.
- Reduce the travel time as much as possible for all students.
- Manage school bus capacity.
- Optimize tiering between 8:00 a.m. and 9:30 a.m. to eliminate the need for a 10:00 a.m. to 4:00 p.m. secondary bell-time.
- Maintain a delivery and departure window of fifteen minutes for elementary schools and thirty minutes for secondary schools.
- Plan with a current or reduced fleet to address ongoing bus driver shortage issues within the region.

Utilizing the proposed school bell times for the areas listed within this report will result in the following:

- Overall potential fleet reduction aligns with current and anticipated bus driver complement.
- Reduced buses achieved primarily through improved tiering opportunities based on proposed time changes, which enables different pairing of schools in many cases and/or reduction in slack (time between tiers), which resulted in the ability to maximize tiering of routes.
- Uxbridge area proposed bell time changes address community concerns of traffic congestion and student safety, as well as reduce the number of buses going into the area of concern.
- Port Perry area proposed bell time changes to reduce the number of shared school routes whereby some routes historically shared three to four schools on the same route. Multiple schools shared routes are unachievable without increasing supervision time at the schools and extending student wait times.
- Addresses issue of late start 10:00 a.m. secondary schools.
- Addresses ongoing and anticipated future bus driver shortage.
- Addresses some capacity and fleet requirements needed for projected student growth and holding schools' transportation.
- Mitigates the risk of open bus routes and cancelled bus routes due to driver shortage.

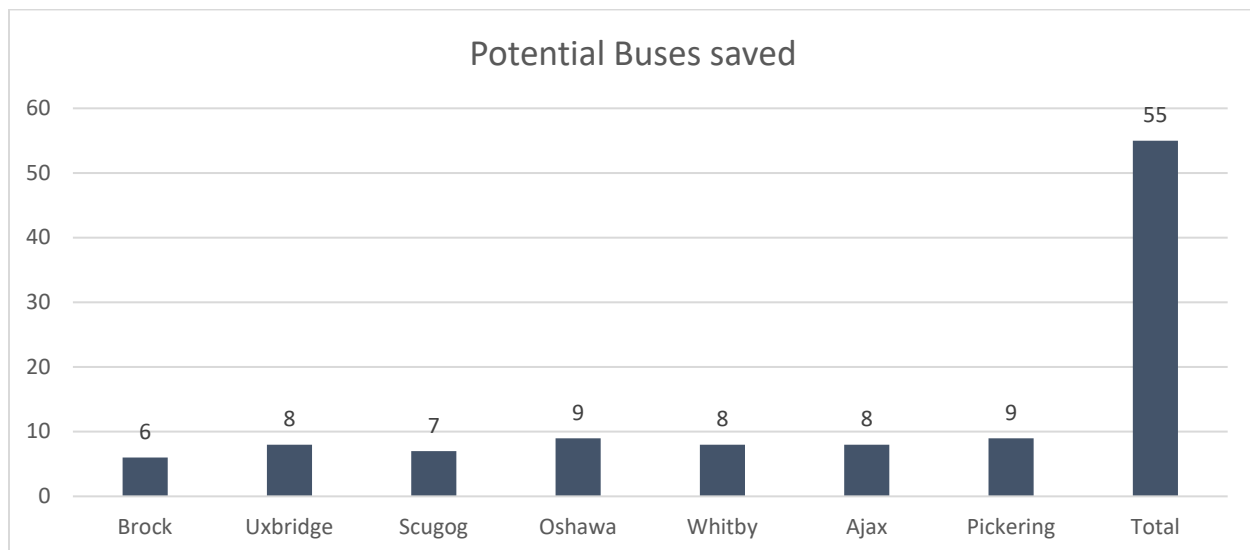
Number of Buses Utilized-Comparison of Buses Utilized in 2019/2020 compared to Proposed 2022/2023 Required Buses

*Please note buses utilized in 19/20 do not include student growth and capacity utilization required in 22/23 model

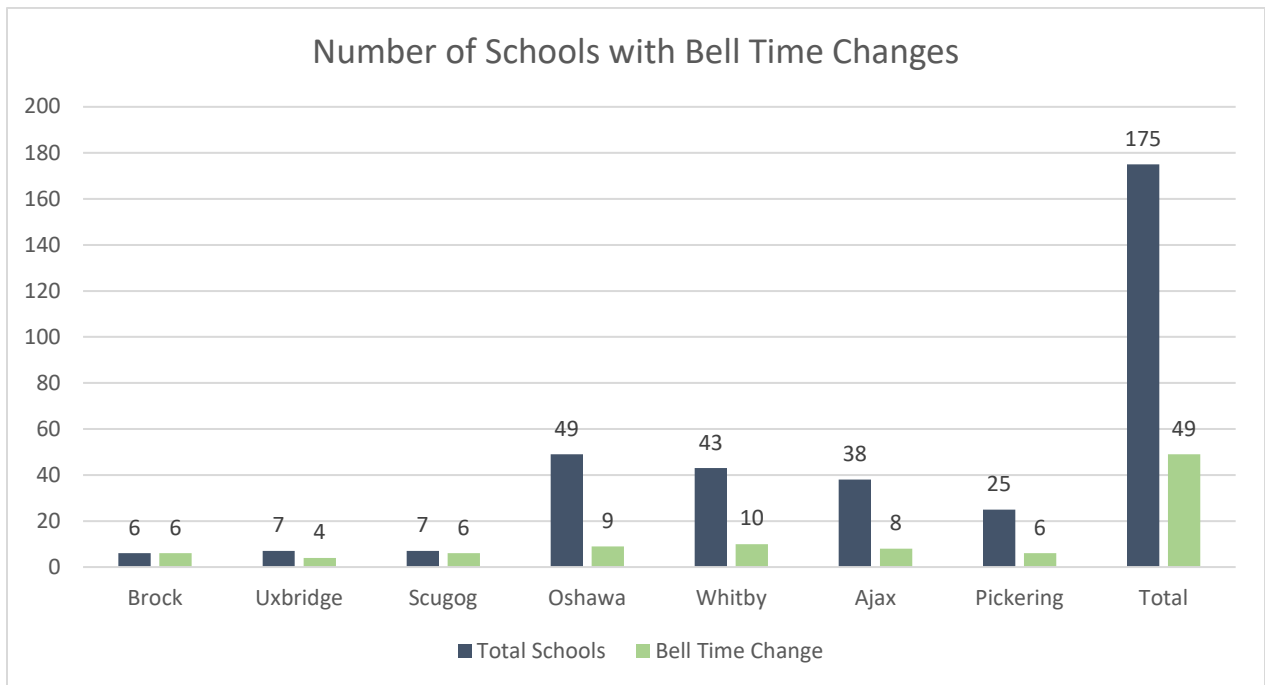


Potential Buses Saved by Area with the Proposed Bell Times compared to 19/20 Buses utilized

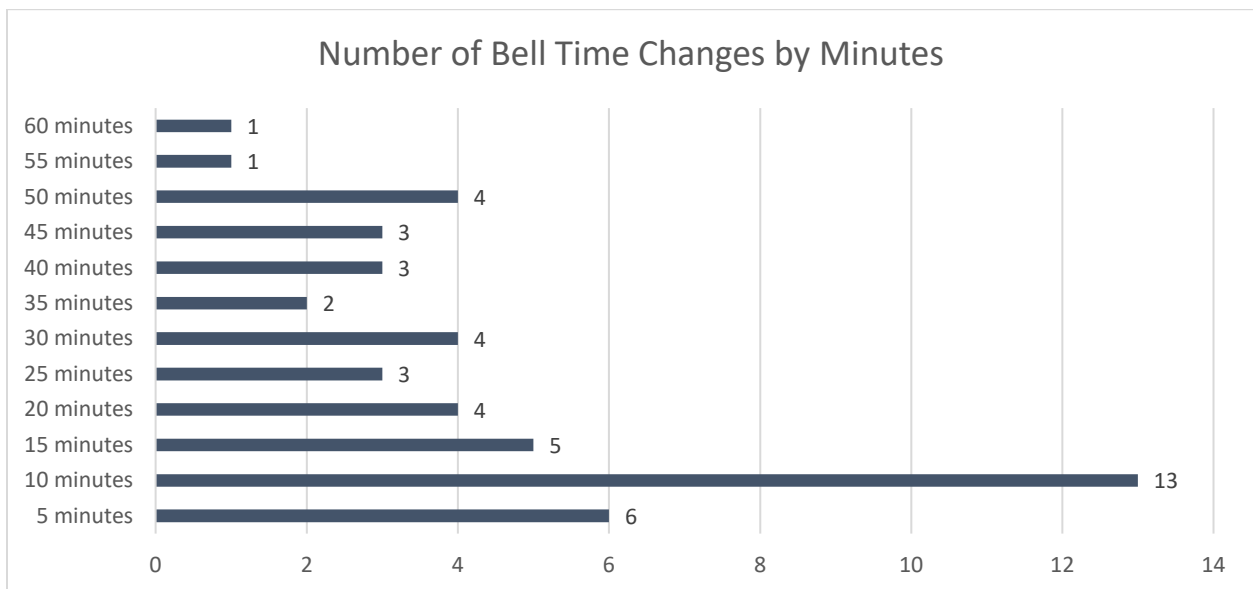
*Please note Buses utilized in 19/20 do not include student growth and capacity utilization required in 22/23 model

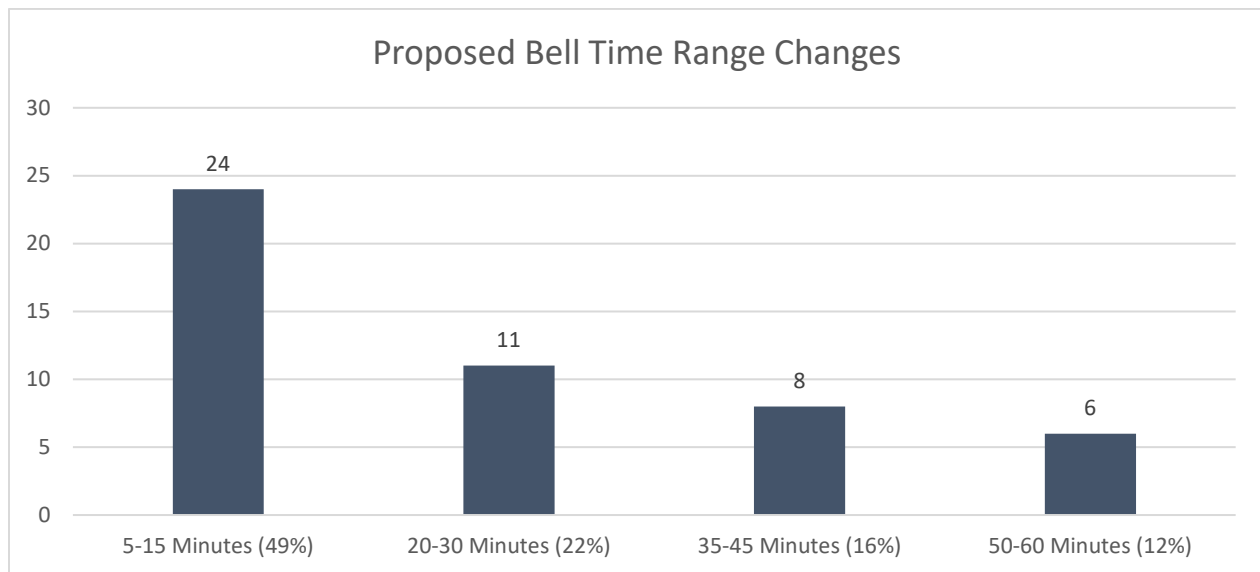


Number of Schools with Proposed Bell Time Changes for 2022/2023



Overview Proposed Bell Time Changes by Minutes





Assumptions

- 2021/2022 student data utilized for the simulation.
- Student data was based on grade and program assignment as of the date of the test database development, however, some re-alignment was done for schools with program shifting that was known at the time of the draft database development.
- Student data was adjusted to reflect the return of online learning pupils to in-person learning.
- Data utilized is based on the current address as of the date the test database was developed for each area.

Summary

- Potential of change in the fleet to 505 buses aligns with current and anticipated bus driver complement.
- Ensures students can consistently access in-person education, by lowering the number of drivers required to a level that can be adequately serviced by local operators.
- Ensures transportation services for all students currently being bused are maintained (no service reductions) and supports and services for all students are not impacted.
- Reduces the risk of cancelled routes and families being required to independently transport their children to school.
- Improving traffic conditions and reducing the school board's carbon footprint and contribution to greenhouse gases.
- Potential Savings of \$3 million to address increasing transportation costs.
- No Bell Time Change proposed for 126 schools (72% of the reviewed schools)
- Adapting to traffic congestion within the region and around DDSB schools.

- Ensuring DSTS is able to provide bus service to growing communities and increased student enrolment within the District.
- Bell Time Change proposed for 49 schools (28% of schools reviewed)
- Of the 28% of schools with a proposed bell time change
 - ✓ 49% (24 schools, proposed 5-15 minute change)
 - ✓ 22% (11 schools, proposed 20-30 minute change)
 - ✓ 16% (8 schools, proposed 35-45 minute change)
 - ✓ 12% (6 schools, proposed 50-60 minute change)

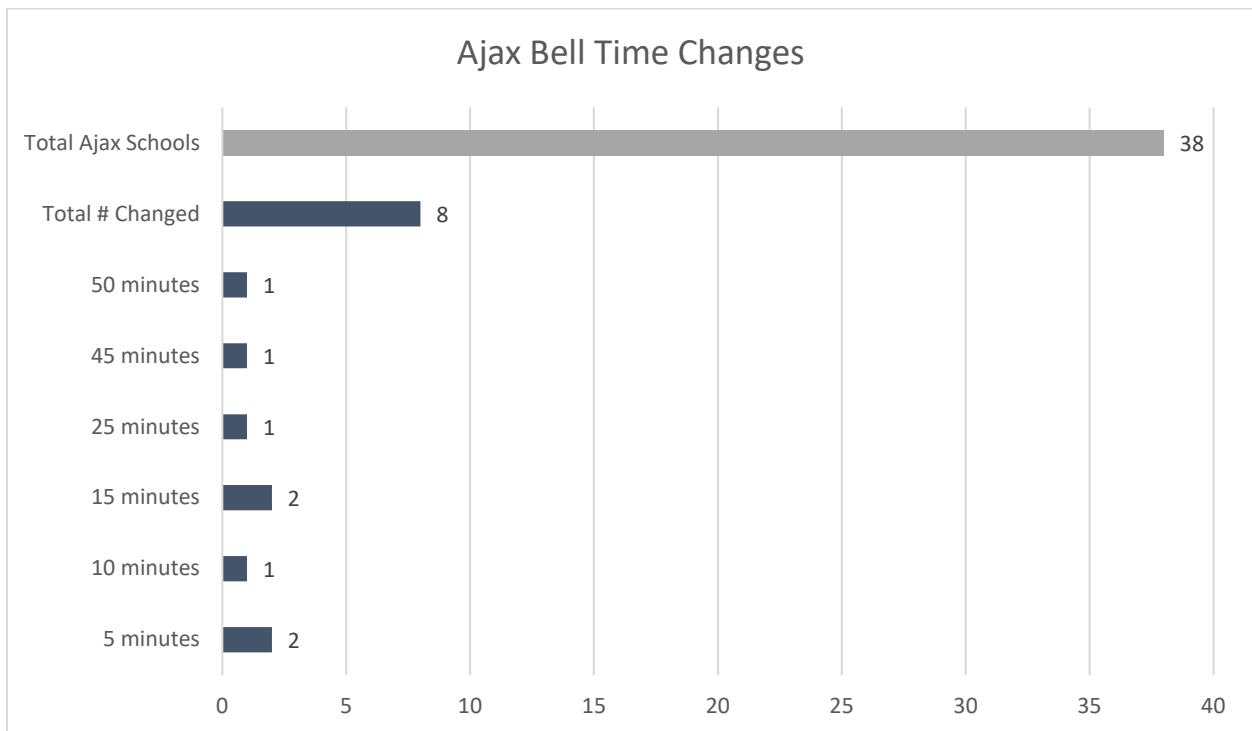
Ajax Area Schools Bell time Review – Proposed Bell Time Changes

School Name	Current		Proposed		Time Variance	
	District ID	AM	PM	PM		
Ajax H.S.	DDSB	9:05 AM	3:05 PM	9:30 AM	3:30 PM	25 minutes later
Alexander Graham Bell P.S.	DDSB	8:00 AM	2:30 PM	8:00 AM	2:30 PM	None
Applecroft P.S.	DDSB	8:35 AM	3:05 PM	8:35 AM	3:05 PM	None
Archbishop Denis O'Connor C.H.S	DCDSB	8:40 AM	2:35 PM	9:30 AM	3:30 PM	50 minutes later
Bolton C. Falby P.S.	DDSB	8:10 AM	2:40 PM	8:10 AM	2:40 PM	None
Cadarackque P.S.	DDSB	8:00 AM	2:30 PM	8:00 AM	2:30 PM	None
Carruthers Creek P.S.	DDSB	9:15 AM	3:45 PM	9:15 AM	3:45 PM	None
da Vinci P.S.	DDSB	9:10 AM	3:35 PM	9:10 AM	3:35 PM	None
Dr. Roberta Bondar P.S.	DDSB	9:05 AM	3:35 PM	9:05 AM	3:35 PM	None
Duffin's Bay P.S.	DDSB	9:00 AM	3:25 PM	9:00 AM	3:25 PM	None
Eagle Ridge P.S.	DDSB	9:05 AM	3:40 PM	9:05 AM	3:40 PM	None
J Clarke Richardson Collegiate	DDSB	8:45 AM	2:40 PM	9:30 AM	3:30 PM	45 minutes later
Lakeside P.S.	DDSB	8:55 AM	3:25 PM	8:55 AM	3:25 PM	None
Lester B. Pearson P.S.	DDSB	8:55 AM	3:25 PM	8:55 AM	3:25 PM	None
Lincoln Alexander P.S.	DDSB	8:15 AM	2:45 PM	8:30 AM	3:00 PM	15 minutes later
Lincoln Avenue P.S.	DDSB	8:30 AM	3:00 PM	8:30 AM	3:00 PM	None
Lord Elgin P.S.	DDSB	8:40 AM	3:10 PM	8:40 AM	3:10 PM	None
Michaëlle Jean P.S	DDSB	8:05 AM	2:35 PM	8:05 AM	2:35 PM	None
Notre Dame C.S.S.	DCDSB	8:05 AM	2:05 PM	8:00 AM	2:00 PM	5 minutes earlier
Nottingham P.S.	DDSB	8:10 AM	2:40 PM	8:10 AM	2:40 PM	None
Roland Michener P.S.	DDSB	8:35 AM	3:05 PM	8:35 AM	3:05 PM	None
Pickering H.S.	DDSB	8:15 AM	2:20 PM	8:00 AM	2:00 PM	15 minutes earlier
Romeo Dallaire P.S.	DDSB	8:10 AM	2:40 PM	8:10 AM	2:40 PM	None
Rosemary Brown PS	DDSB	8:00 AM	2:30 PM	8:00 AM	2:30 PM	None
Southwood Park P.S.	DDSB	9:10 AM	3:40 PM	9:15 AM	3:45 PM	5 minutes later
St André Bessette C.S.	DCDSB	8:40 AM	3:10 PM	8:40 AM	3:10 PM	None
St Bernadette C.S.	DCDSB	8:55 AM	3:25 PM	8:55 AM	3:25 PM	None
St Catherine of Siena C.S	DCDSB	8:40 AM	3:10 PM	8:40 AM	3:10 PM	None
St Francis de Sales C.S.	DCDSB	8:30 AM	3:00 PM	8:30 AM	3:00 PM	None
St James C.S.	DCDSB	8:45 AM	3:15 PM	8:45 AM	3:15 PM	None
St Josephine Bakhita C.S.	DCDSB	8:40 AM	3:10 PM	8:40 AM	3:10 PM	None
St Jude C.S.	DCDSB	9:00 AM	3:30 PM	9:00 AM	3:30 PM	None
St Patrick C.S.	DCDSB	8:40 AM	3:10 PM	8:40 AM	3:10 PM	None
St Teresa of Calcutta C.S.	DCDSB	8:05 AM	2:30 PM	8:05 AM	2:30 PM	None
Terry Fox P.S.	DDSB	9:05 AM	3:35 PM	9:15 AM	3:45 PM	10 minutes later
Vimy Ridge P.S.	DDSB	9:00 AM	3:30 PM	9:00 AM	3:30 PM	None
Viola Desmond P.S.	DDSB	8:45 AM	3:10 PM	8:45 AM	3:10 PM	None
Westney Heights P.S.	DDSB	9:00 AM	3:30 PM	9:00 AM	3:30 PM	None

Utilizing the proposed Ajax bell times (based on 2021-2022 rider data) will result in the following:

- Reduced buses and the number of bus drivers required achieved primarily through improved tiering opportunities based on proposed time changes, which enables different pairing of schools in many cases and/or reduction in slack/time between tiers, which resulted in the ability to facilitate more tiering of routes.
- 38 Ajax schools - 11 DCDSB and 27 DDSB
- 8 (out of 38) Ajax schools with proposed bell time changes (see graph below)
 - ✓ 2 schools proposed a 5-minute change (one later and one earlier)
 - ✓ 1 school proposed 10 minutes later
 - ✓ 2 schools proposed a 15-minute change (one later and one earlier)
 - ✓ 1 school proposed 25 minutes
 - ✓ 1 school proposed 45 minutes later
 - ✓ 1 school proposed 50 minutes later

Ajax Bell Time Changes



Whitby Area Schools Bell time Review – Proposed Bell Time Changes

School Name	Current		Proposed		Time Variance
	AM	PM	AM	PM	
All Saints C.S.S.	8:55 AM	2:55 PM	8:45 AM	2:45 PM	10 minutes earlier
Anderson Collegiate	8:40 AM	2:45 PM	9:30 AM	3:30 PM	50 minutes later
Bellwood Public School	9:10 AM	3:35 PM	9:10 AM	3:35 PM	None
Blair Ridge Public School	8:30 AM	3:00 PM	8:30 AM	3:00 PM	None
Brooklin High School	8:10 AM	2:15 PM	8:00 AM	2:00 PM	10 minutes earlier
Brooklin Village Public School	9:00 AM	3:30 PM	9:10 AM	3:40 PM	10 minutes later
C.E. Broughton Public School	8:35 AM	3:05 PM	8:35 AM	3:05 PM	None
Captain Michael VandenBos Public School	8:15 AM	2:45 PM	8:15 AM	2:45 PM	None
Chris Hadfield Public School	9:10 AM	3:40 PM	9:10 AM	3:40 PM	None
Colonel J.E. Farewell Public School	8:55 AM	3:20 PM	8:55 AM	3:20 PM	None
Donald A. Wilson Secondary School	8:10 AM	2:10 PM	8:00 AM	2:00 PM	10 minutes earlier
Dr Robert Thornton Public School	9:05 AM	3:35 PM	9:05 AM	3:35 PM	None
E.A. Fairman Public School	8:30 AM	3:00 PM	8:30 AM	3:00 PM	None
Fallingbrook Public School	8:50 AM	3:15 PM	8:50 AM	3:15 PM	None
Father Leo J. Austin C.S.S.	8:50 AM	2:45 PM	9:30 AM	3:30 PM	40 minutes later
Glen Dhu Public School	9:00 AM	3:30 PM	9:00 AM	3:30 PM	None
Henry Street High School	9:00 AM	3:05 PM	9:30 AM	3:30 PM	30 minutes later
Jack Miner Public School	8:05 AM	2:35 PM	8:05 AM	2:35 PM	None
John Dryden Public School	8:30 AM	3:00 PM	8:30 AM	3:00 PM	None
Julie Payette Public School	8:00 AM	2:30 PM	8:00 AM	2:30 PM	None
Meadowcrest Public School	9:10 AM	3:40 PM	9:10 AM	3:40 PM	None
Ormiston Public School	8:30 AM	3:00 PM	8:30 AM	3:00 PM	None
Pringle Creek Public School	9:15 AM	3:45 PM	9:15 AM	3:45 PM	None
Robert Munsch Public School	9:05 AM	3:35 PM	9:15 AM	3:45 PM	10 minutes later
Sinclair Secondary School	8:45 AM	2:45 PM	9:30 AM	3:30 PM	45 minutes later
Sir Samuel Steele Public School	8:55 AM	3:25 PM	8:55 AM	3:25 PM	None
Sir William Stephenson Public School	9:10 AM	3:35 PM	9:10 AM	3:35 PM	None
St. Bernard Catholic School	8:30 AM	3:00 PM	8:30 AM	3:00 PM	None
St. Bridget Catholic School	8:45 AM	3:15 PM	8:45 AM	3:15 PM	None
St. John Paul II Catholic School	8:20 AM	2:50 PM	8:20 AM	2:50 PM	None
St. John the Evangelist Catholic School	9:00 AM	3:30 PM	9:00 AM	3:30 PM	None
St. Leo Catholic School	8:05 AM	2:35 PM	8:05 AM	2:35 PM	None
St. Luke the Evangelist Catholic School	8:15 AM	2:45 PM	8:15 AM	2:45 PM	None
St. Marguerite d'Youville Catholic School	8:20 AM	2:50 PM	8:20 AM	2:50 PM	None
St. Mark the Evangelist Catholic School	9:00 AM	3:30 PM	9:10 AM	3:40 PM	10 minutes later
St. Matthew the Evangelist Catholic School	8:45 AM	3:15 PM	8:45 AM	3:15 PM	None

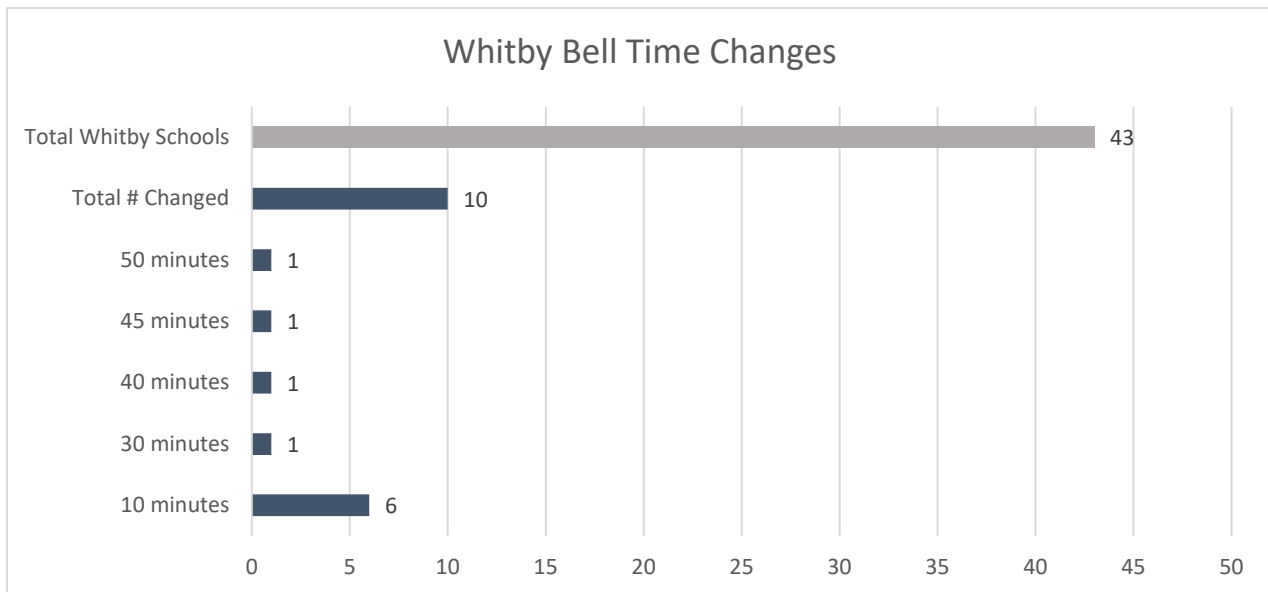
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School Name	Current		Proposed		Time Variance
	AM	PM	AM	PM	
St. Paul Catholic School	8:45 AM	3:15 PM	8:45 AM	3:15 PM	None
St. Theresa Catholic School	8:45 AM	3:15 PM	8:45 AM	3:15 PM	None
West Lynde Public School	9:00 AM	3:30 PM	9:00 AM	3:30 PM	None
Whitby Shores Public School	8:55 AM	3:25 PM	8:55 AM	3:25 PM	None
Williamsburg Public School	8:10 AM	2:40 PM	8:10 AM	2:40 PM	None
Willows Walk PS	8:00 AM	2:30 PM	8:00 AM	2:30 PM	None
Winchester Public School	8:45 AM	3:15 PM	8:45 AM	3:15 PM	None

Utilizing the proposed Whitby bell times (based on 2021-2022 rider data) will result in the following:

- Reduced buses and the number of bus drivers required achieved primarily through improved tiering opportunities based on proposed time changes, which enables different pairing of schools in many cases and/or reduction in slack/time between tiers, which resulted in the ability to facilitate more tiering of routes.
- 43 Whitby schools - 13 DCDSB and 30 DDSB
- 10 (out of 43) Whitby schools with proposed bell time changes (see graph below)
 - ✓ 3 schools proposed 10 minutes earlier
 - ✓ 3 schools proposed 10 minutes later
 - ✓ 1 school proposed 30 minutes later
 - ✓ 1 school proposed 40 minutes later
 - ✓ 1 school proposed 45 minutes later
 - ✓ 1 school proposed 50 minutes later

Whitby Bell Time Changes



Oshawa Area School Bell Time Review – Proposed Bell Time Changes

School Name	Current		Proposed		Time Variance
	AM	PM	AM	PM	
Adelaide McLaughlin P.S.	8:05 AM	2:35 PM	8:05 AM	2:35 PM	
Beau Valley P.S.	8:40 AM	3:05 PM	8:40 AM	3:05 PM	
Bobby Orr P.S.	8:55 AM	3:25 PM	8:55 AM	3:25 PM	
Clara Hughes P.S.	9:10 AM	3:35 PM	9:10 AM	3:35 PM	
College Hill P.S.	8:30 AM	2:50 PM	8:30 AM	2:50 PM	
Coronation P.S.	9:15 AM	3:45 PM	9:15 AM	3:45 PM	
David Bouchard P.S.	8:00 AM	2:30 PM	8:00 AM	2:30 PM	
Dr. C.F. Cannon P.S.	8:25 AM	2:55 PM	8:25 AM	2:55 PM	
Dr. S.J. Phillips P.S.	8:50 AM	3:20 PM	8:50 AM	3:20 PM	
Eastdale C.V.I.	8:55 AM	2:55 PM	9:30 AM	3:30 PM	35 minutes later
Elsie MacGill P.S.	8:00 AM	2:30 PM	8:00 AM	2:30 PM	
Forest View PS	8:10 AM	2:40 PM	8:00 AM	2:30 PM	10 minutes earlier
G.L. Roberts C.V.I.	8:50 AM	2:55 PM	9:30 AM	3:30 PM	40 minutes later
Glen Street P.S.	8:55 AM	3:15 PM	8:55 AM	3:15 PM	
Gordon B. Attersley P.S.	9:00 AM	3:20 PM	9:00 AM	3:20 PM	
Harmony Heights P.S.	8:25 AM	2:55 PM	8:25 AM	2:55 PM	
Hillsdale P.S.	8:40 AM	3:10 PM	8:40 AM	3:10 PM	
Jeanne Sauve PS	9:15 AM	3:40 PM	9:15 AM	3:40 PM	
Kedron P.S.	8:00 AM	2:30 PM	8:00 AM	2:30 PM	
Lakewoods P.S.	8:40 AM	3:10 PM	8:40 AM	3:10 PM	
Mary Street Community School	8:50 AM	3:15 PM	8:50 AM	3:15 PM	
Maxwell Heights S.S.	8:25 AM	2:30 PM	8:45 AM	2:45 PM	20 minutes later
Monsignor John Pereyma C.S.S	9:00 AM	2:55 PM	9:00 AM	2:55 PM	
Monsignor Paul Dwyer C.H.S.	8:15 AM	2:10 PM	8:00 AM	2:00 PM	15 minutes earlier
Monsignor Philip Coffey C.S.	8:55 AM	3:25 PM	8:55 AM	3:25 PM	
Norman G Powers P.S.	8:00 AM	2:30 PM	8:00 AM	2:30 PM	
Northern Dancer P.S.	8:00 AM	2:30 PM	8:00 AM	2:30 PM	
O'Neill C.V.I.	8:15 AM	2:20 PM	8:00 AM	2:00 PM	15 minutes earlier
Pierre Elliott Trudeau P.S.	8:45 AM	3:15 PM	8:45 AM	3:15 PM	
Queen Elizabeth P.S.	8:30 AM	3:00 PM	8:30 AM	3:00 PM	
R.S. McLaughlin C.V.I.	8:40 AM	2:45 PM	9:30 AM	3:30 PM	50 minutes later
Seneca Trail P.S.	9:15 AM	3:40 PM	9:15 AM	3:40 PM	
Sherwood P.S.	8:55 AM	3:15 PM	8:55 AM	3:15 PM	
Sir Albert Love C.S.	8:45 AM	3:15 PM	8:45 AM	3:15 PM	
St Anne C.S.	8:30 AM	3:00 PM	8:30 AM	3:00 PM	
St Christopher C.S.	9:05 AM	3:35 PM	9:05 AM	3:35 PM	

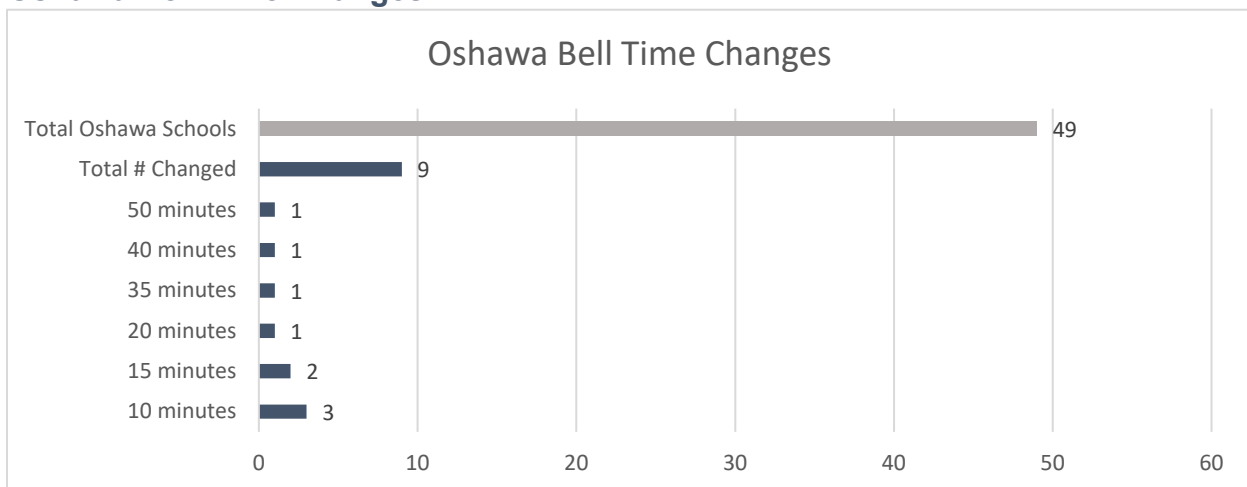
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School Name	Current		Proposed		Time Variance
	AM	PM	AM	PM	
St Hedwig C.S.	8:45 AM	3:15 PM	8:45 AM	3:15 PM	
St John Bosco C.S.	8:20 AM	2:50 PM	8:20 AM	2:50 PM	
St John XXIII C.S.	9:05 AM	3:35 PM	9:05 AM	3:35 PM	
St Joseph C.S. - OSHAWA	8:30 AM	3:00 PM	8:30 AM	3:00 PM	
St Kateri Tekakwitha CS	8:15 AM	2:45 PM	8:15 AM	2:45 PM	
St Thomas Aquinas C.S.	9:05 AM	3:35 PM	9:05 AM	3:35 PM	
Stephen G. Saywell P.S.	8:50 AM	3:20 PM	8:40 AM	3:10 PM	10 minutes earlier
Sunset Heights P.S.	8:10 AM	2:40 PM	8:00 AM	2:30 PM	10 minutes earlier
Village Union P.S.	8:40 AM	3:10 PM	8:40 AM	3:10 PM	
Vincent Massey P.S.	8:35 AM	3:05 PM	8:35 AM	3:05 PM	
Walter E. Harris P.S	8:00 AM	2:30 PM	8:00 AM	2:30 PM	
Waverly P.S.	8:30 AM	3:00 PM	8:30 AM	3:00 PM	
Woodcrest P.S.	8:45 AM	3:15 PM	8:45 AM	3:15 PM	

Utilizing the proposed Oshawa bell times (based on 2021-2022 rider data) will result in the following:

- Reduced buses and the number of bus drivers required achieved primarily through improved tiering opportunities based on proposed time changes, which enables different pairing of schools in many cases and/or reduction in slack/time between tiers, which resulted in the ability to facilitate more tiering of routes.
- 49 Oshawa schools - 12 DSCSB and 37 DDSB
- 9 (out of 49) Oshawa schools with proposed bell time changes (see graph below)
 - ✓ 3 schools proposed 10 minutes earlier
 - ✓ 2 schools proposed 15 minutes earlier
 - ✓ 1 school proposed 20 minutes later
 - ✓ 1 school proposed 35 minutes later
 - ✓ 1 school proposed 40 minutes later
 - ✓ 1 school proposed 50 minutes later

Oshawa Bell Time Changes



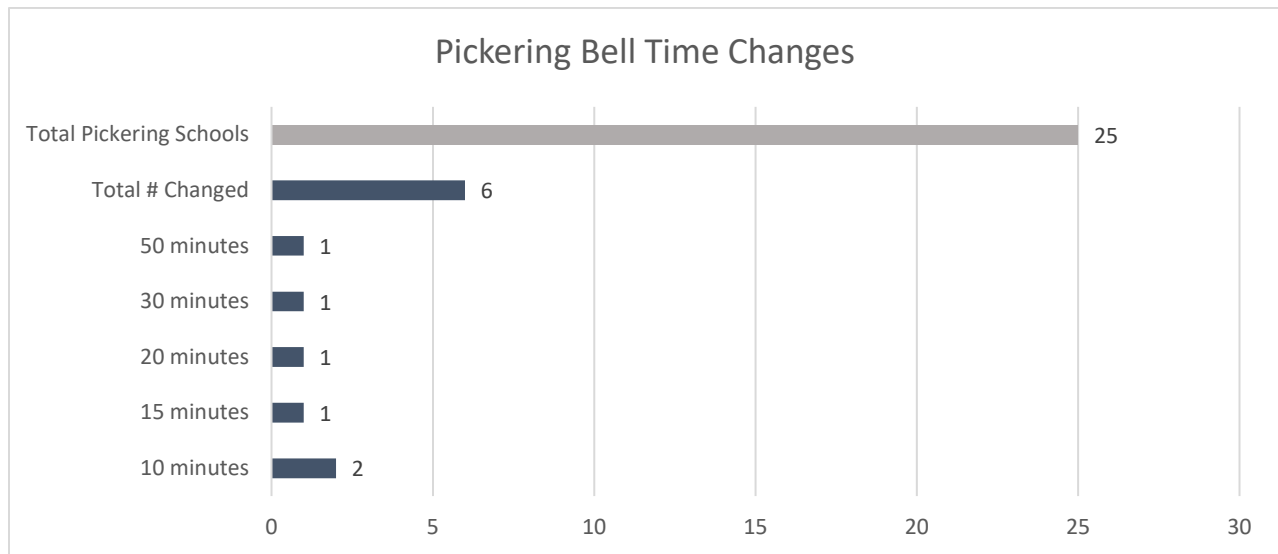
Pickering Area Schools Bell time Review – Proposed Bell Time Changes

School Name	Current		Proposed		Time Variance
	AM	PM	AM	PM	
Altona Forest P.S.	8:00 AM	2:30 PM	8:00 AM	2:30 PM	None
Bayview Heights P.S.	8:25 AM	2:55 PM	8:25 AM	2:55 PM	None
Claremont P.S.	9:10 AM	3:35 PM	9:10 AM	3:35 PM	None
Dunbarton H.S.	8:40 AM	2:50 PM	9:30 AM	3:30 PM	50 minutes later
Elizabeth B. Phin P.S.	8:40 AM	3:10 PM	8:40 AM	3:10 PM	None
Fairport Beach P.S.	8:45 AM	3:15 PM	8:45 AM	3:15 PM	None
Father Fenelon CS	9:00 AM	3:30 PM	9:00 AM	3:30 PM	None
Frenchman's Bay P.S.	8:00 AM	2:30 PM	8:00 AM	2:30 PM	None
Gandatsetiagon P.S.	9:10 AM	3:40 PM	9:10 AM	3:40 PM	None
Glengrove P.S.	8:40 AM	3:10 PM	8:40 AM	3:10 PM	None
Highbush P.S.	8:50 AM	3:15 PM	8:50 AM	3:15 PM	None
Maple Ridge P.S.	9:05 AM	3:35 PM	9:05 AM	3:35 PM	None
Pine Ridge S.S.	8:10 AM	2:10 PM	8:00 AM	2:00 PM	10 minutes earlier
Rosebank Road P.S.	8:40 AM	3:10 PM	8:40 AM	3:10 PM	None
Sir J.A. Macdonald P.S.	9:00 AM	3:15 PM	9:00 AM	3:15 PM	None
St Elizabeth Seton C.S.	8:00 AM	2:30 PM	8:00 AM	2:30 PM	None
St Isaac Jogues C.S.	9:00 AM	3:30 PM	9:00 AM	3:30 PM	None
St Mary C.S.S.	9:00 AM	3:00 PM	9:30 AM	3:30 PM	30 minutes later
St Monica C.S.	8:35 AM	3:05 PM	8:25 AM	2:55 PM	10 minutes earlier
St Wilfrid C.S.	8:00 AM	2:30 PM	8:00 AM	2:30 PM	None
Valley Farm P.S.	8:30 AM	3:00 PM	8:30 AM	3:00 PM	None
Valley View P.S.	8:00 AM	2:30 PM	8:00 AM	2:30 PM	None
Vaughan Willard P.S.	8:50 AM	3:20 PM	8:50 AM	3:20 PM	None
Westcreek P.S.	9:00 AM	3:30 PM	8:45 AM	3:15 PM	15 minutes earlier
William Dunbar P.S.	8:50 AM	3:15 PM	8:30 AM	3:00 PM	20 minutes earlier

Utilizing the proposed Pickering bell times (based on 2021-2022 rider data) will result in the following:

- Reduced buses and the number of bus drivers required achieved primarily through improved tiering opportunities based on proposed time changes, which enables different pairing of schools in many cases and/or reduction in slack/time between tiers, which resulted in the ability to facilitate more tiering of routes.
- 25 Pickering schools - 6 DCDSB and 19 DDSB
- 6 (out of 25) Pickering schools with proposed bell time changes (see graph below)
 - ✓ 2 schools proposed 10 minutes earlier
 - ✓ 1 school proposed 15 minutes earlier
 - ✓ 1 school proposed 20 minutes earlier
 - ✓ 1 school proposed 30 minutes later
 - ✓ 1 school proposed 50 minutes later

Pickering Bell Time Changes



Scugog Area Schools Bell time Review – Proposed Bell Time Changes

School Name	Current		Proposed		Time variance
	AM	PM	AM	PM	
Cartwright Central P.S.	8:05 AM	2:35 PM	8:00 AM	2:30 PM	5 minutes earlier
Good Shepherd C.S.	9:05 AM	3:35 PM	9:15 AM	3:45 PM	10 minutes later
Greenbank P.S.	8:05 AM	2:35 PM	8:00 AM	2:30 PM	5 minutes earlier
Port Perry H.S.	8:55 AM	3:15 PM	8:00 AM	2:00 PM	55 minutes earlier
Prince Albert P.S.	9:10 AM	3:35 PM	9:10 AM	3:35 PM	None
R.H. Cornish P.S.	9:10 AM	3:35 PM	9:05 AM	3:30 PM	5 minutes earlier
S.A. Cawker P.S.	9:05 AM	3:35 PM	9:10 AM	3:40 PM	5 minutes later

Utilizing the proposed Scugog bell times (based on 2021-2022 rider data) will result in the following:

- Reduced buses and the number of bus drivers required achieved primarily through improved tiering opportunities based on proposed time changes, which enables different pairing of schools in many cases and/or reduction in slack/time between tiers, which resulted in the ability to facilitate more tiering of routes.
- Reduction in the multiple shared school routes, reducing wait time on rides, and limiting the need for additional supervision at schools.
- 7 Scugog schools - 6 DDSB and 1 DCDSB
- 6 (out of 7) Scugog schools with proposed bell time changes
 - ✓ 3 schools proposed 5 minutes earlier
 - ✓ 1 school proposed 5 minutes later
 - ✓ 1 school proposed 10 minutes
 - ✓ 1 school proposed 55 minutes earlier

Brock Area Schools Bell time Review – Proposed Bell Time Changes

School Name	Current		Proposed		Time Variance
	AM	PM	AM	PM	
Beaverton P.S.	8:25 AM	2:55 PM	8:00 AM	2:30 PM	25 minutes earlier
Brock H.S.	8:50 AM	2:50 PM	9:30 AM	3:30 PM	40 minutes later
Holy Family C.S.	8:45 AM	3:15 PM	8:15 AM	2:45 PM	30 minutes earlier
McCaskill's Mills P.S.	8:30 AM	3:00 PM	9:15 AM	3:45 PM	45 minutes later
Sunderland P.S.	8:30 AM	3:00 PM	8:00 AM	2:30 PM	30 minutes earlier
Thorah Central P.S.	8:30 AM	3:00 PM	8:10 AM	2:40 PM	20 minutes earlier

Utilizing the proposed Brock bell times (based on 2021-2022 rider data) will result in the following:

- Reduced buses and the number of bus drivers required achieved primarily through improved tiering opportunities based on proposed time changes, which enables different pairing of schools in many cases and/or reduction in slack/time between tiers, which resulted in the ability to facilitate more tiering of routes.
- 6 Brock schools - 5 DDSB and 1 DCDSB
- 6 (out of 6) Brock schools with proposed bell time changes
 - ✓ 1 school proposed 20 minutes earlier

- ✓ 1 school proposed 25 minutes earlier
- ✓ 2 schools proposed 30 minutes earlier
- ✓ 1 school proposed 40 minutes later
- ✓ 1 school proposed 45 minutes later

Uxbridge Area Schools Bell time Review – Proposed Bell Time Changes

School Name	Current		Proposed		Time Variance
	AM	PM	AM	PM	
Goodwood P.S.	8:00 AM	2:30 PM	9:00 AM	3:30 PM	60 minutes later
Joseph Gould P.S.	9:15 AM	3:45 PM	9:15 AM	3:45 PM	None
Quaker Village P.S.	8:50 AM	3:20 PM	8:15 AM	2:45 PM	35 minutes earlier
Scott Central P.S.	8:00 AM	2:30 PM	8:00 AM	2:30 PM	None
St Joseph C.S. - UXBRIDGE	8:55 AM	3:25 PM	9:15 AM	3:45 PM	20 minutes later
Uxbridge P.S.	9:05 AM	3:30 PM	9:05 AM	3:30 PM	None
Uxbridge S.S.	8:25 AM	2:40 PM	8:00 AM	2:00 PM	25 minutes earlier

Utilizing the proposed Uxbridge bell times (based on 2021-2022 rider data) will result in the following:

- Reduced buses and the number of bus drivers required achieved primarily through improved tiering opportunities based on proposed time changes, which enables different pairing of schools in many cases and/or reduction in slack/time between tiers, which resulted in the ability to facilitate more tiering of routes.
- 7 Uxbridge schools - 6 DDSB and 1 DCDSB
- 4 (out of 7) Uxbridge schools with proposed bell time changes
 - ✓ 1 school proposed 20 minutes later
 - ✓ 1 school proposed 25 minutes earlier
 - ✓ 1 school proposed 35 minutes earlier
 - ✓ 1 school proposed 60 minutes later

Brock/Scugog/Uxbridge Bell Time Changes Combined

