
SCHOOL TRAVEL PLAN

École Maillard Middle School



Introduction4

School Travel Planning in the City of Coquitlam.....4

 Background4

 Scale.....4

School Travel Planning.....6

About the School Travel Plan7

Recommendations.....7

School Profile.....8

About École Maillard Middle School8

Baseline Data9

Data Collection Methodology9

Hands-Up Baseline Data Collection9

 Hands-Up Survey Results9

Family Survey Baseline Data Collection10

 Family Take-Home Survey Results10

Walkabout Baseline Data Collection.....13

Travel Challenges 14

Travel Challenges Summary & Walkabout Areas of Concern14

 1. Traffic along Rochester Ave.14

 2. Austin Ave. & Schoolhouse St. traffic concerns.....16

 3. Crossing challenges along Marmont St.....18

Implementation.....20

School Travel Planning Action Plan20

 Traffic Operations Improvements.....20

Education & Engagement22

 Best Routes to School Map.....22

Cool Routes to School Program23

Maillard Middle School Bike Carnival24

 Bike Carnival Activities.....24

Follow-Up Surveys 25

Hands-Up Follow-Up Data Collection.....25

 Hands-Up Follow-Up Survey Results25

 Hands-Up Survey Results: Baseline vs. Follow-Up26

 Hands-Up Survey Results: Baseline vs. Follow-Up26

Family Survey Follow-Up.....27

 Family Survey Follow-Up Results: To and From School27

 Family Survey Results: Baseline vs. Follow-Up28

 Family Survey Results: Baseline vs. Follow-Up28

Summary 30

Summary of Main Findings.....30

Members & Endorsement 32

School Travel Planning Members32

 School Committee.....32

 Parent Advisory Committee32

 Stakeholder Committee.....32

Appendix 33

Appendix A.....33

 1. Action Plan for Maillard Middle School

 2. Baseline & Follow-Up Surveys: Hands-Up and Family Take-Home

Appendix B.....33

 1. Maillard Walkabout Handout

School Travel Planning in the City of Coquitlam

The purpose of this report is to 1) outline the need for sustainable active school transportation at Maillard Middle School; 2) determine the barriers to active transportation, which is defined as walking, cycling and the use of transit for trips to and from school; and 3) develop a School Travel Plan, which includes an Action Plan describing infrastructure improvements as well as education and encouragement measures aimed at decreasing the number of car trips and increasing the number students using active modes of transportation. Baseline and follow-up surveys, as well as a school walkabout, were conducted to learn the transportation habits of, and to assess barriers and concerns for, Maillard Middle School and its community.

Background

The City of Coquitlam initiated a partnership with TransLink and co-funded the TravelSmart program in 2014 to promote sustainable and active transportation.

As part of the 2014-2018 capital budget deliberations, Council initiated a multi-year program called Middle School Walk-Bike Ability. The goal of the program was the improvement of the walking and cycling environment around middle schools in order to facilitate and encourage active transportation for Coquitlam students. The promotion of active and sustainable transportation is a key goal of Coquitlam's Strategic Transportation Plan as approved by Council.

Scale

The program targets eight Middle Schools. Maillard Middle School began the School Travel Planning process in September 2015 and completed the process in November 2016.

There are two phases to the program:

Phase 1:

Part 1: Needs Assessment - engaging students, parents and school administrators in the process of developing a School Travel Plan - Action Plan to help identify potential barriers to walking, cycling and the use of transit to and from the schools, leading to

the identification of potential packages of infrastructure improvements.

Part 2: Outreach – education and promotion for students, teachers, school administrators and parents about the different travel options for getting to and from school.

Phase 2:

In 2016, representatives from the City of Coquitlam, School District, parents, TransLink’s TravelSmart program, HASTe, ICBC, Fraser Health, and HUB Cycling participated in a series of walkabouts with the purpose of identifying key travel issues and developing an action plan that includes infrastructure and traffic operational improvements.

HASTe

www.hastebc.org

National Active & Safe Routes to School

www.saferoutestoschool.ca/school-travel-planning

TransLink/TravelSmart

www.travelsmart.ca

City of Coquitlam

www.coquitlam.ca/city-services/roads-and-transportation/overview.aspx

School Travel Planning

School Travel Planning (STP) is a community-based planning process that has been used with success to date in communities across Canada to increase the number of families choosing active transportation modes to get to and from school. School Travel Planning uses a collaborative approach, working to involve all relevant stakeholders and enable communities to tackle the root causes of their school's transportation challenges and take action on realistic and attainable solutions to address these barriers.

School Travel Planning combines transportation demand management principles with school engagement activities in order to encourage more active and sustainable school travel. The process is designed to address both attitudinal and infrastructural barriers in an effort to improve the health and well-being of individuals, communities, and the environment while decreasing traffic congestion around schools.

Key benefits of School Travel Planning are:

- Improved health and fitness of students
- Reduction in traffic congestion
- Improved traffic safety
- Reduction in pollution
- Improved air quality

HASTe, the Hub for Active School travel, provides professional services for the implementation of the STP process for the City of Coquitlam. HASTe has been implementing School Travel Planning since 2009, and is part of the Canadian Active & Safe Routes to School Partnership.

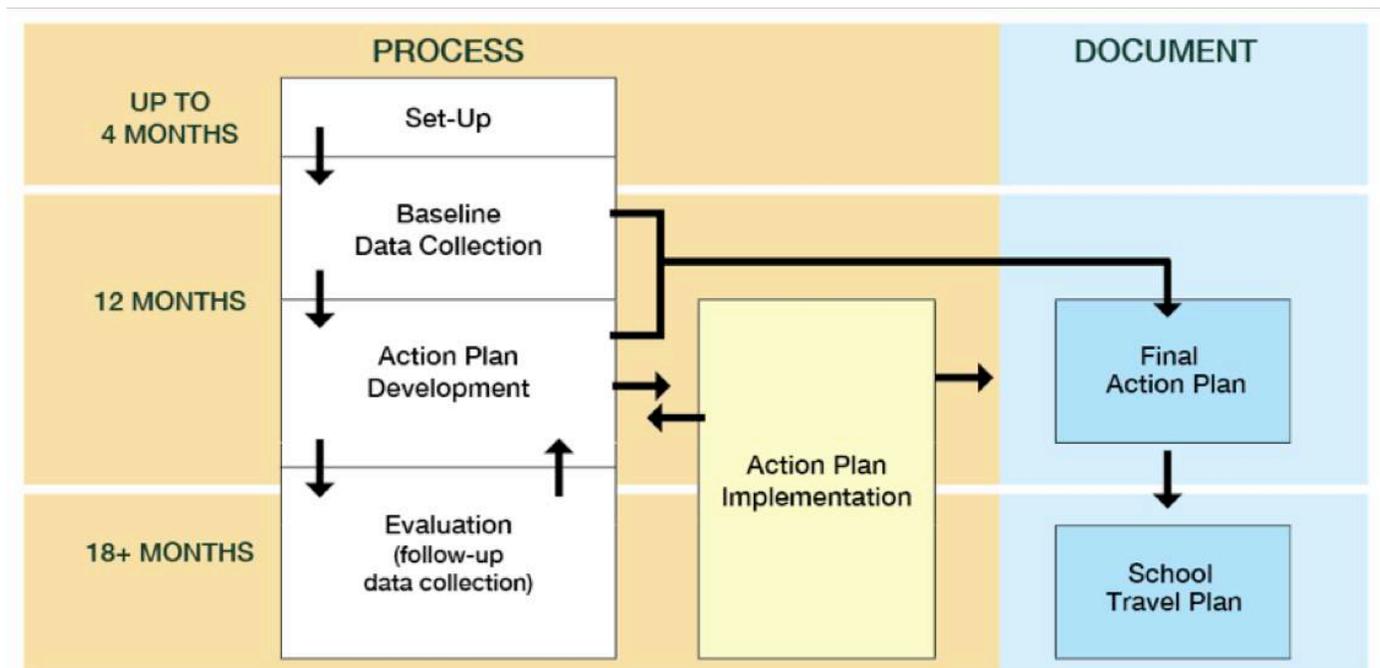
About the School Travel Plan

The School Travel Plan is the final delivery component of the School Travel Planning process. It is a living document belonging to the school. It can be revisited regularly in order to update the status of Action Plan items and/or incorporate future evaluation findings.

Recommendations

Recommendations for increasing participation in sustainable active transportation include engaging students, parents and school administrators in the process of developing a School Travel Plan and Action Plan, including the identification of potential infrastructure improvements; and educating students, teachers, school administrators and parents about the different options for getting to and from school.

▼ School Travel Planning Process



About École Maillard Middle School

École Maillard Middle School (hereinafter Maillard) is part of School District 43 and is located at 1300 Rochester Ave, in Coquitlam's Maillardville. The school and surrounding area has a WalkScore of 54/100, a transit score of 43/100, and a bike score of 19/100. Each score is a measure of neighbourhood accessibility, and is often an indicator of community health and well-being (walkscore.com).

Maillard serves grades 6-8 and has a student population of 389 (Fall 2016). The catchment area is comprised of a variety of residential housing types, styles, and ages, including single-family heritage homes, and low-to-medium-density apartments (Maillardville Neighbourhood Plan 2014).

There are 21 staff parking spaces, one handicapped space and covered bike parking located at near the entrance of the school with storage for approximately 12 bikes. The catchment boundary is outlined in the Best Routes to School Map, which is found within the Implementation section.

Rochester Park (adjacent to the school property) has been under construction since the summer of 2015. City staff, SD43, and Maillard administration have worked together to coordinate the shared use of the park amenities and parking lots and will continue to do so when park renovations are completed. The renovations are scheduled to be completed in the summer of 2017.

Data Collection Methodology

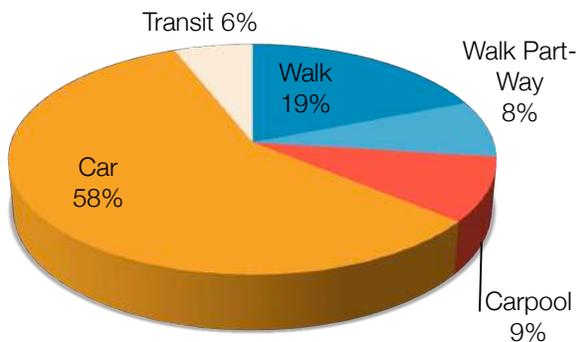
School travel data was collected using a variety of methods:

- Student hands-up baseline surveys
- Student hands-up follow-up surveys
- Family take-home baseline surveys
- Family take-home follow-up surveys
- School travel walkabout

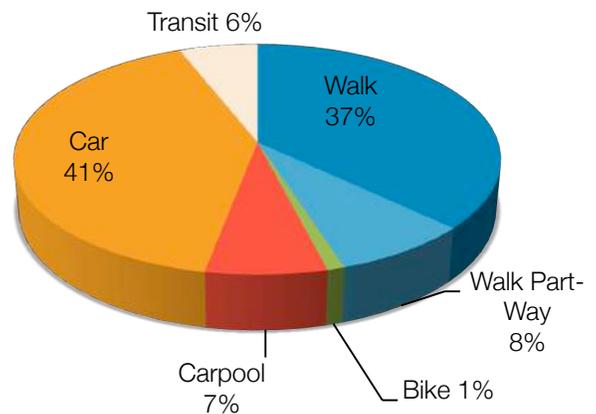
Hands-Up Baseline Data Collection

Baseline hands-up surveys and family take-home surveys were conducted in October 2015. Thirteen divisions from grades 6-8 participated in the hands-up survey process. Classroom teachers recorded travel mode daily over a one-week period. Results of this survey can be found below.

Hands-Up Survey Results



▲ Travel mode TO school (Oct. 2015)



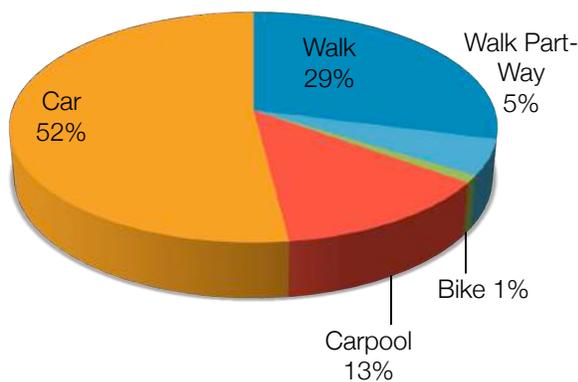
▲ Travel mode FROM school (Oct. 2015)

Family Survey Baseline Data Collection

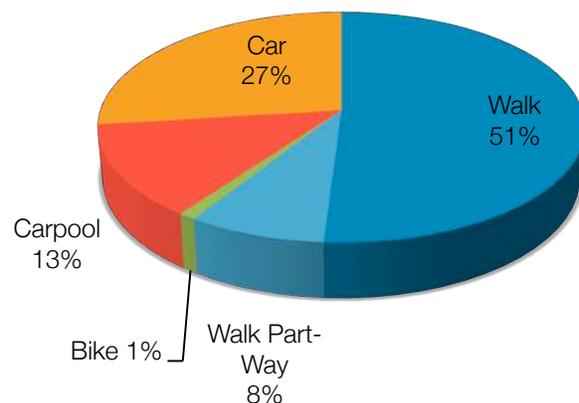
In October 2015, students were sent home with a family take-home survey. Families were to complete and return the survey to school within one week. For a copy of the baseline family survey, please see Appendix A.

At Maillard, 96 out of 400 families (24%) completed the take-home survey. 95% of these families supported School Travel Planning efforts at the school. Other notable findings are presented below.

Family Take-Home Survey Results



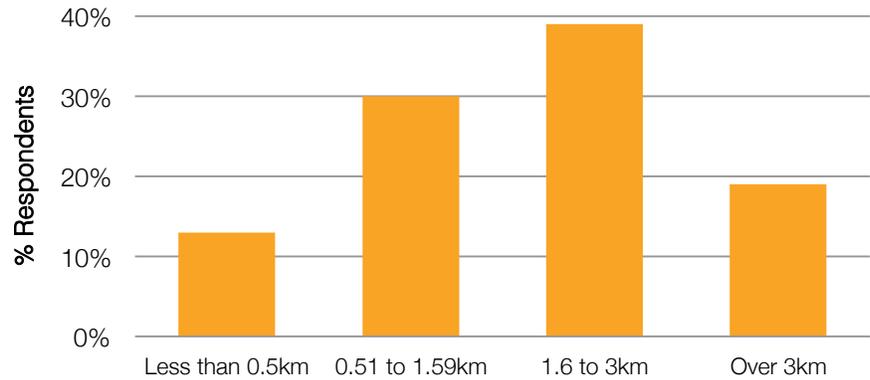
▲ Travel mode TO school (Oct. 2015)



▲ Travel mode FROM school (Oct. 2015)

Distance to School

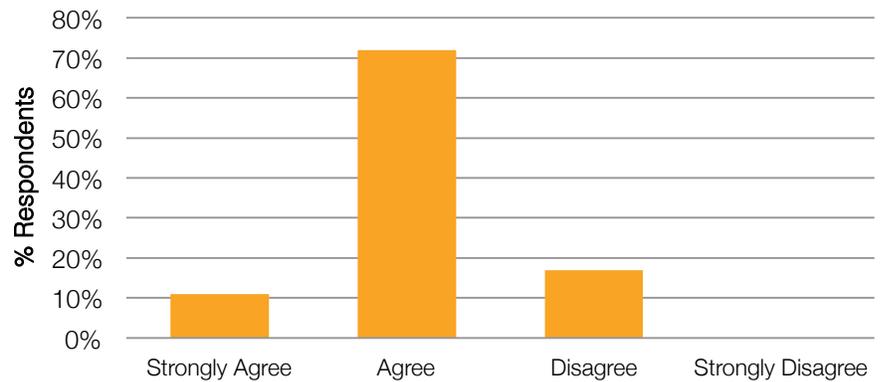
58% of families live farther than 1.6km from school. 33% of families who live within 500m of the school are driving.



▲ **How far away do you live from school?**

Walking & Cycling Safety

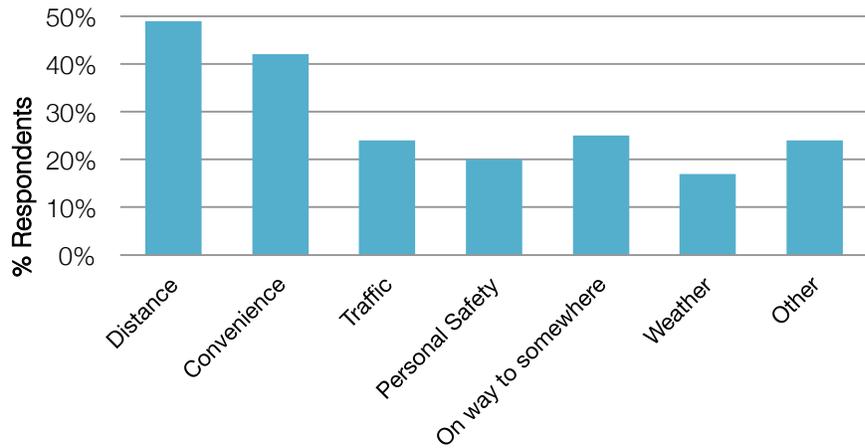
83% of families either strongly agree or agree that their neighbourhood is safe for children to walk or cycle to school. 17% of families disagree.



▲ **Our neighbourhood is safe for children?**

Reasons for Driving

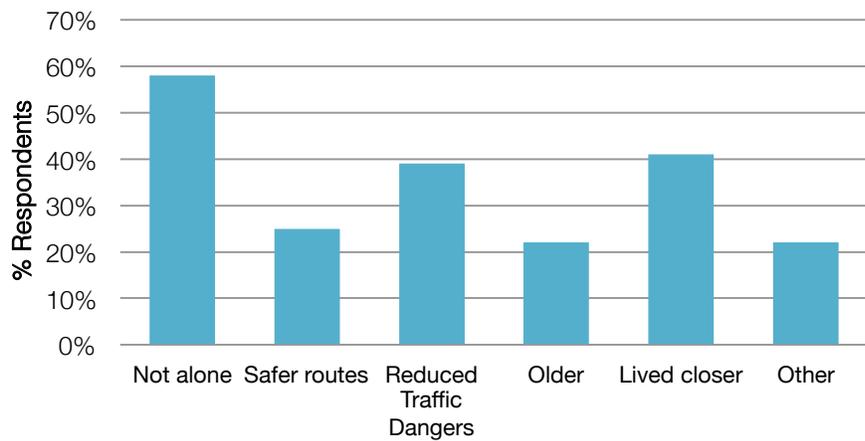
When asked why their children were usually driven to school, respondents indicated “distance” (49%), “convenience” (42%), and “on my way somewhere else” (25%) as the top three reasons.



▲ Reasons for driving to child to school

Conditions for Walking

Families who drove their kids to school suggested that they would allow their child to walk to school if, “they did not walk alone” (58%), “they lived closer” (41%), “there were reduced traffic dangers” (39%), “they lived closer” (41%), “there were reduced traffic dangers” (39%).



▲ I would allow my child to walk to school if...

Conditions for Cycling

Families who drove their kids to school suggested that they would allow their child to cycle to school if “there were safer routes” (47%), “there were reduced traffic dangers” (42%), “they were not alone” (36%),



▲ I would allow my child to cycle to school if...

Walkabout Baseline Data Collection

In 2016, key stakeholders from the community participated in a series of walkabouts, with the purpose of identifying issues and developing an action plan. These stakeholders included School District 43, ICBC, TransLink/TravelSmart, Fraser Health, HUB Cycling, City of Coquitlam staff, Maillard parents and students, and the school’s principal.

The Maillard school walkabout took place on March 4, 2016. Observations made on the walkabout informed the Travel Challenges section, the Best Routes to School Map and the Action Plan (Appendix A). For the walkabout handout see Appendix B.

Travel Challenges Summary & Walkabout Areas of Concern

This section highlights the main travel challenges as identified by Maillard families through the take-home baseline surveys, school walkabouts and at PAC meeting consultations. Due to its location within the neighbourhood and the existing street configuration, Maillard experiences on-going traffic related challenges. The Action Plan found in Appendix A provides a list of all upcoming or completed actions taken to address many of these issues.

1.

Traffic along Rochester Ave.

Rochester Ave. was reported by families as having the most school-related traffic issues of any other area in the neighbourhood. The road can become congested with vehicles during the morning drop-off and afternoon pick-up. Children often jaywalk across Rochester Ave. to reach the school.

The school building is situated at the bottom of a slope and thus Rochester Ave. experiences a perceived higher-than-usual traffic speed, as reported by families in the take-home survey. Drivers disobey the “no parking” signage out front of the school causing congestion and safety concerns for families.

During the school walkabout, the idea of installing a crosswalk right in front of the school in order to provide a safer crossing for students was discussed. It was concluded, however, that a mid-block crosswalk may not be the best option for improving safety and may in fact create more congestion, as driving families would have more of a reason to drive right to the front of the school.

Rochester Park (adjacent to the school property) has been under construction, and once the construction is complete it may create new travel challenges for the school. Two new parking lots are being built for



▲ Rochester Ave. looking west during school morning drop-off

park users, which may complicate matters along Rochester Ave. During the school walkabout, a lack of school zone signage for drivers approaching from the east was observed along Rochester Ave. After renovations at Rochester Park are completed, the City of Coquitlam will assess school zone signage so that it does not overlap with playground zone signs.

To alleviate congestion along Rochester Ave., school administration and the PAC have suggested a park n' walk location that is situated away from Rochester Ave., on Laval St. There will need to be messaging on an ongoing basis so that new parents stay informed.



▲ **Austin Ave. approaching Schoolhouse St. from the east**

2.

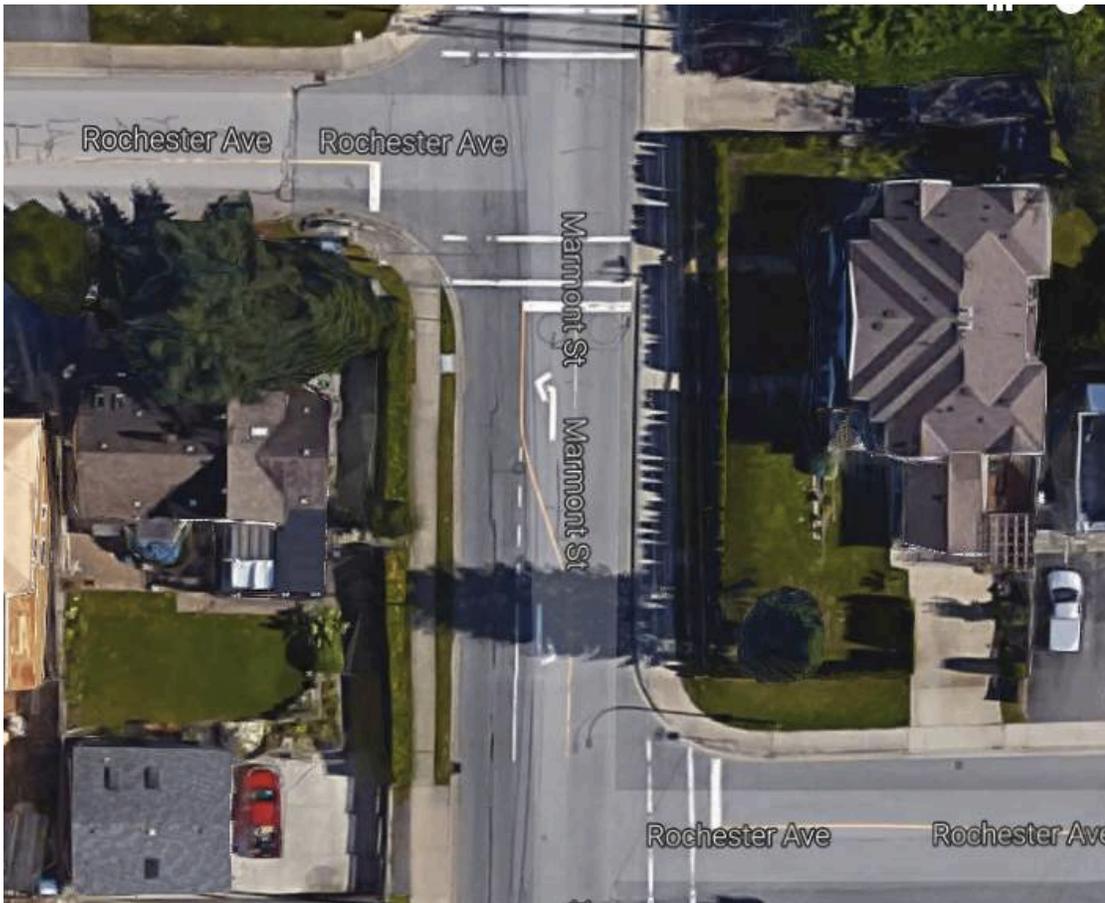
Austin Ave. & Schoolhouse St. traffic concerns

Austin Ave. is a major arterial road north of Maillard and is a concern for children walking and cycling to school as noted in the family take-home surveys. The intersection at Austin Ave. and Schoolhouse St. is commonly used by students on foot. Observations made during the school walkabout confirmed this, and the City of Coquitlam has responded by installing countdown timers.

Schoolhouse St. is a popular route to Maillard for students walking or cycling from the north. Students from Rochester Elementary (two blocks northeast of Maillard) also use this route to access their school. The installation of countdown timers at the intersection of Austin Ave. and Schoolhouse St. will complement the

recent sidewalk upgrades along Schoolhouse St., which now provide completed sidewalks from Austin Ave. to Rochester Ave.

The City of Coquitlam has also issued boulevard maintenance request letters to seven property owners along Austin Ave. between Marmont St. and Laurentian Cres., regarding overgrown vegetation causing sidewalk obstruction for pedestrians.



▲ Intersection at Marmont St. & Rochester Ave.

3.

Crossing challenges along Marmont St.

Marmont St. is an arterial road west of the school and experiences a number of driver-related issues such as speeding and distracted driving as reported in take-home surveys. Marmont St. and Rochester Ave. are popular routes to school for students who are walking and cycling but the crossing at this

intersection is a concern for families.

The east legs of the intersection are offset by about 40m, which creates additional challenges for pedestrians and cyclists. When approaching from the west, cyclists using Rochester Ave. (a designated bike route) must administer a higher level of skill as they merge with traffic onto Marmont St. and quickly move into the left lane so to turn onto Rochester Ave. in time. This manoeuvring also takes place on a steep decline along Marmont St.

Although nothing can be done about the geometry of the intersection, it was discussed during the post-walkabout meeting that wayfinding could be improved to help users navigate the intersection. In response, the City of Coquitlam has updated existing signs and added new ones to address the wayfinding issues. Countdown timers were installed in 2016 at the intersection of Marmont St. and Rochester Ave., which will make for an improved crossing experience for pedestrians and cyclists.

School Travel Planning Action Plan

Traffic Operations Improvements

The City of Coquitlam engineering staff reviewed the school walkabout report, cross-referencing its findings with existing studies, programs, and projects. The following is a list of the traffic operational improvements that supplement the improvements made as part of the Middle School Walk-Bike Ability program. These improvements to the pedestrian network are intended to promote sustainable and active transportation.

Rochester Ave.

- **Pending:** After renovations at Rochester Park are complete, the City of Coquitlam will assess if a 30 km/h speed limit tab is needed and also relocate the school zone signs so that they do not overlap with the playground zone signage.
- **Pending:** The “30km/h School Zone” sign along Rochester Ave. will be relocated so as to be more visible to drivers approaching from the east.

Austin Ave.

- **Complete.** A pedestrian countdown timer has been installed at the intersection of Austin Ave. and Schoolhouse St.
- **Complete.** In response to overgrown vegetation along Austin Ave., the City of Coquitlam has issued boulevard maintenance request letters to several property owners on Austin Ave, Charland Ave, Gatensbury St., and Midvale St.

Marmont St.

- **Complete.** To improve wayfinding along the Rochester Ave. bike route, the City of Coquitlam has replaced existing incorrect signage and added new signs. Countdown timers have also been installed at the intersection of Marmont St. and Rochester Ave.

Sidewalk prioritization around school

- **Pending.** The City of Coquitlam has reviewed the prioritization of the following sidewalk sections near the school:

1. Dansey Ave. (between Schoolhouse St. & Decaire St.) - scheduled for construction in 2017.

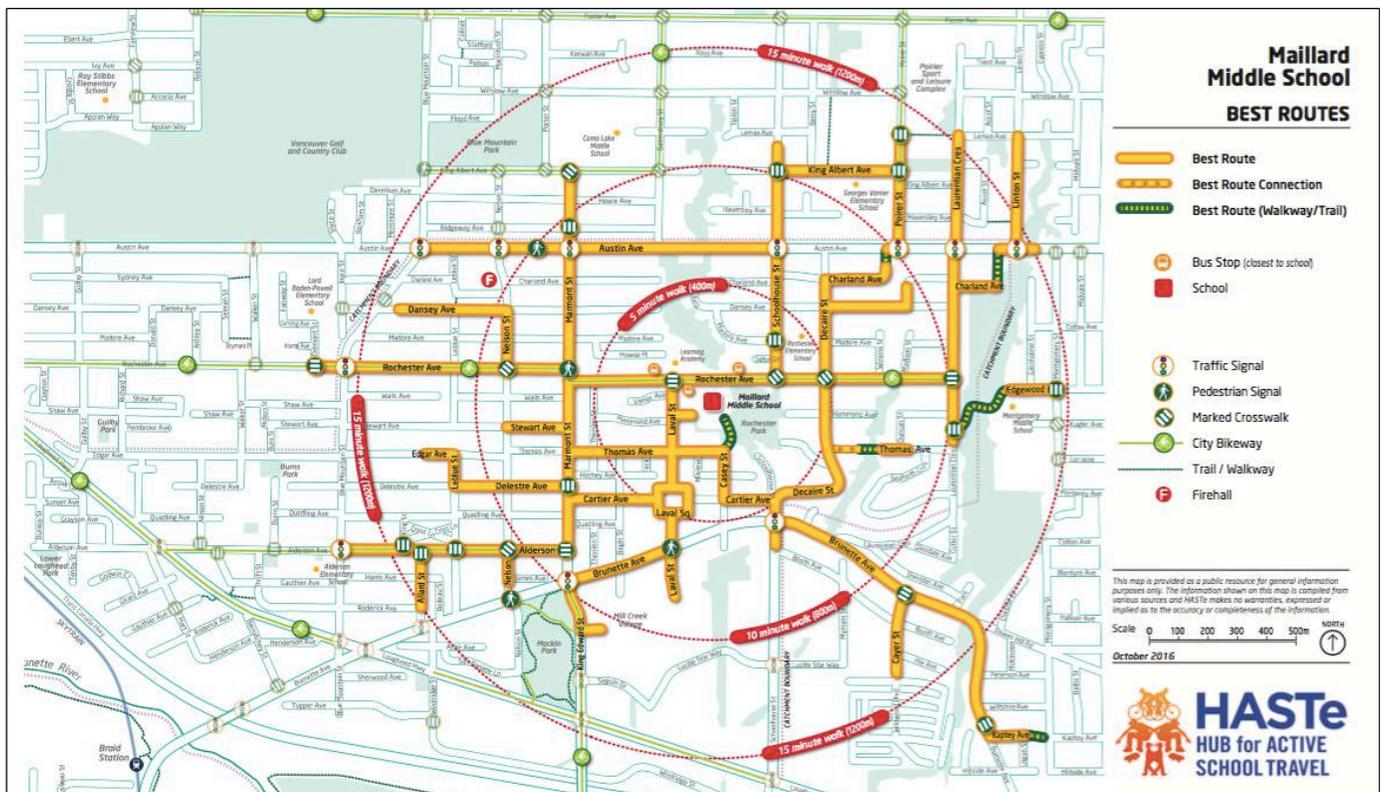
2. Thomas Ave. (between Marmont St. & Laval St.) - added to the list of sidewalk requests to be evaluated annually.

Education & Engagement

Best Routes to School Map

A Best Routes to School Map was developed from baseline family take-home surveys and information collected on the walkabout, as well as in consultation with the PAC. Copies of the map will be distributed to families in Spring 2017, and will also be accessible online through the school's website.

▼ Maillard Middle School - Best Routes to School Map



Cool Routes to School Program

As part of the School Travel Planning initiative, the Cool Routes to School Youth Engagement Program worked with 20 leadership students from grades 6-8.

- Students learned about the benefits of active transportation.
- Students discussed the role of Cool Routes to School within the larger STP process.
- Students participated in a walkabout of the Maillard school neighbourhood.
- Students used maps and online tools to consider their journeys to and from school.
- Students met with Coquitlam City Councillor Teri Towner and learned about the role of municipalities in supporting active travel.
- Students worked collaboratively to promote and execute Maillard's first-ever Bike Carnival

The challenge of organizing a large school-wide event prompted students to be fully engaged in the event preparation. Action projects provided an important opportunity for students to take ownership of the Bike Carnival and the Cool Routes to School program.



Maillard Middle School Bike Carnival

Maillard's first-ever Bike Carnival was held on June 2nd, 2016 coinciding with Bike to School Week. It was the highlight and culminating event of the school's Cool Routes to School program. Students worked collaboratively to promote the carnival through posters and announcements. Students also worked in small groups to plan carnival stations, such as a bike trivia station and a bike tire ring toss. In addition to these student-run stations, several community guests were invited to set up booths, including ICBC, HUB Cycling and TravelSmart.

The entire school population (400 students) was able to participate in the Bike Carnival. The event was intended to celebrate the work of the Cool Routes to School leadership students and to educate the student body about bike safety and skills and the benefits of active and sustainable transportation for school-related trips and beyond.

Bike Carnival Activities



▲ A beanbag toss for bike-related prizes



▲ Face painting and a bike decoration zone

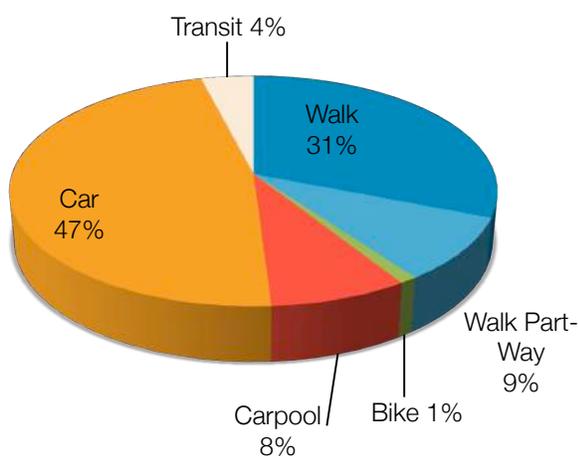
Hands-Up Follow-Up Data Collection

School travel follow-up data was collected through two methods: student hands-up surveys and family take-home surveys, both of which were collected approximately one year after baseline data collection. Ideally, follow-up data collection occurs after 1.5 to 2 years, allowing interventions and programming developed during the STP process to have a greater impact on travel behaviour at the school.

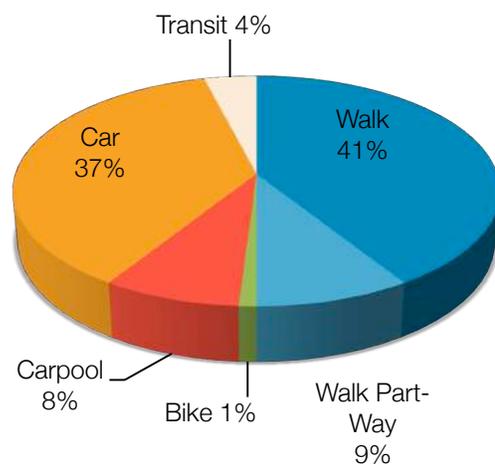
Thirteen divisions from grades 6-8 participated in hands-up surveys during the week of October 24th, 2016. Results were compared with baseline data, and indicated a significant 12% increase in the number of students walking to school, with a noticeable 11% decrease in driving rates.

For the *after* school trip, noticeable shifts included a 4% increase in walking and a 4% decrease in driving. Walking part-way, transit, carpool, and biking rates stayed relatively constant between baseline and follow-up surveys. Overall, these positive shifts in travel behaviour for students at Maillard are likely indicative of the strong level of support and engagement from school administration and the PAC during the STP process.

Hands-Up Follow-Up Survey Results

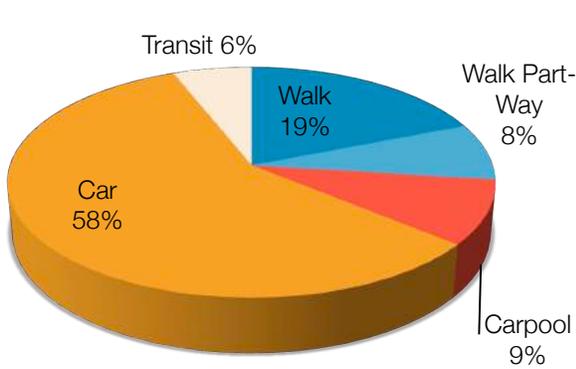


▲ Travel mode TO school (Oct. 2016)

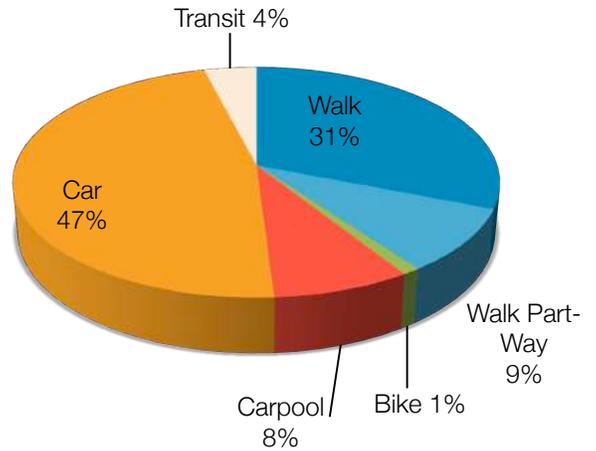


▲ Travel mode FROM school (Oct. 2016)

Hands-Up Survey Results: Baseline vs. Follow-Up

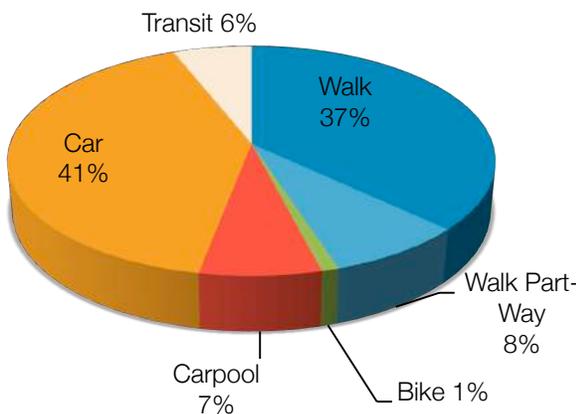


▲ Travel mode TO school (Oct. 2015)

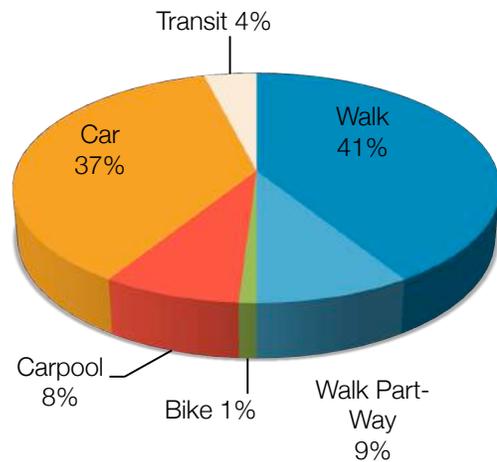


▲ Travel mode TO school (Oct. 2016)

Hands-Up Survey Results: Baseline vs. Follow-Up



▲ Travel mode FROM school (Oct. 2015)



▲ Travel mode FROM school (Oct. 2016)

Family Survey Follow-Up

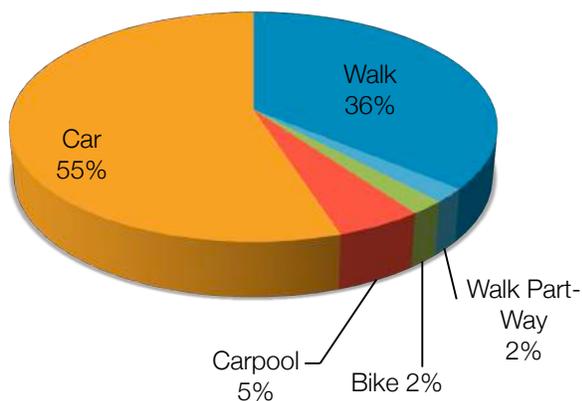
Family take-home surveys were conducted online during the week of October 24th, 2016. Families had one week to submit their responses. In total, 69 families (17%) completed the survey. 28% of families indicated that they had filled out the baseline survey in 2015, 44% reported they had not and 28% said they were unsure.

Since School Travel Planning began at Maillard:

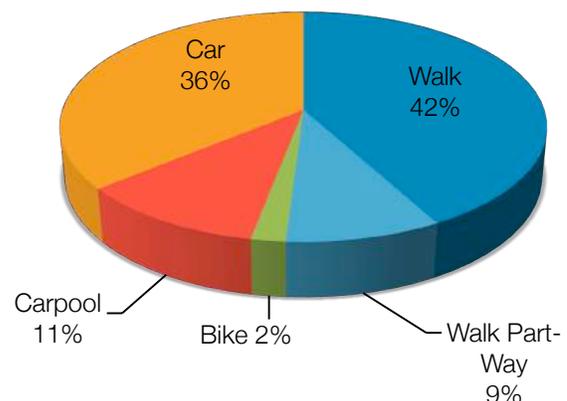
- 89% reported walking more to get to and from school.
- 5% reported taking transit more often for the school trip.
- 5% reported a cycling more often for the school trip.
- Distance remains the number one factor in parents choosing to drive.
- 21% of students travel alone for the school trip whereas 46% travel with a parent or grandparent.

Overall, 95% support on-going School Travel Planning at Maillard.

Family Survey Follow-Up Results: To and From School

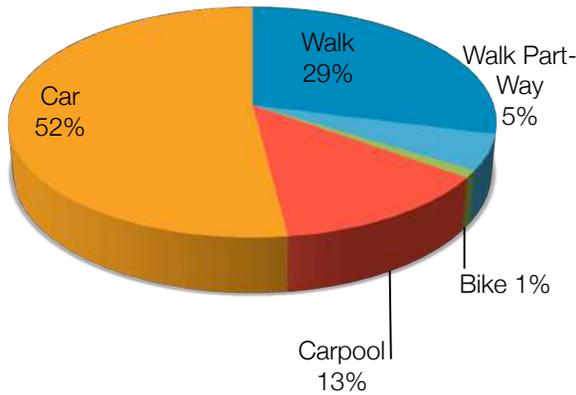


▲ Follow-up family take-home TO school (Oct. 2016)

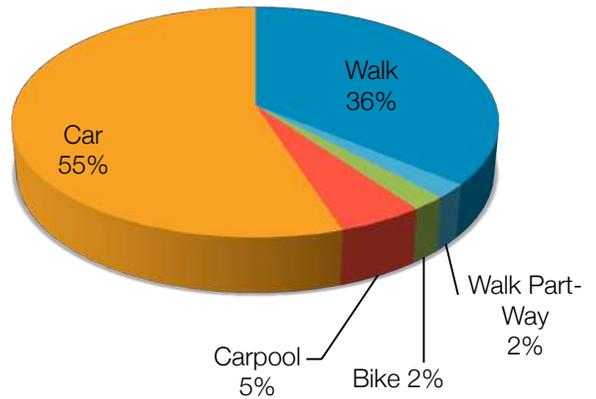


▲ Follow-up family take-home FROM school (Oct. 2016)

Family Survey Results: Baseline vs. Follow-Up

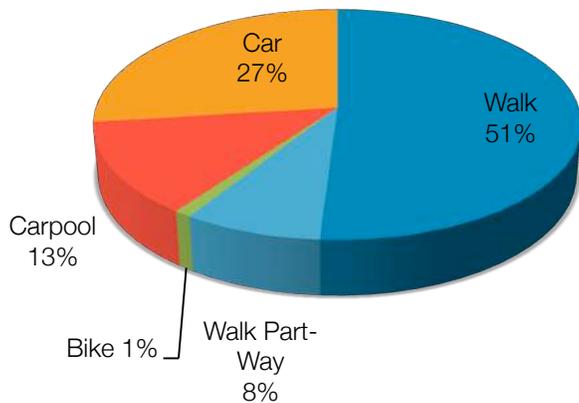


▲ Baseline family take-home TO school (Nov. 2015)

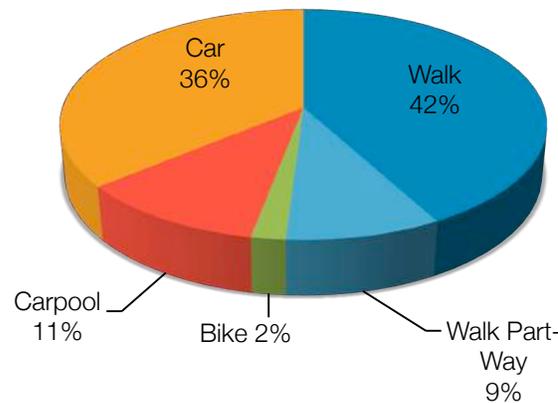


▲ Follow-up family take-home TO school (Oct. 2016)

Family Survey Results: Baseline vs. Follow-Up



▲ Baseline family take-home FROM school (Nov. 2015)



▲ Follow-up family take-home FROM school (Oct. 2016)

For Maillard families, distance remains the number one factor in choosing to drive. In addition, the neighbourhood is very hilly, which contributes to the driving culture at the school. Family surveys indicated an increase in driving rates (3%) for to school travel but also reported a 7% increase in walking rates. The number of students being carpooled dropped by 8%.

For the after school trip, families indicated a 9% increase in driving rate and a 9% decrease in walking. Inclement weather tends to be a factor when there are significant shifts in this type of travel. However, according to historical weather data, there was a higher level of precipitation during the week of the baseline survey than there was during the follow-up survey, so it is difficult to make that connection. When there is discrepancy between the family take-home results and the hands-up survey results, the in-class student hands up surveys generally provide a more accurate account of the school mode share.

Summary of Main Findings

With a clearer understanding of the reasoning behind family travel choices, the targeted programming, activities and interventions can be planned and developed with the best opportunity for effective results. A few of these activities, which have been ranked by parents at Maillard are highlighted in the table below,

Which STP activity was most effective?	
Activity	Importance
1. Infrastructure improvements	43%
2. Cool Routes to School program (e.g. contests/incentives, Walking Wednesdays, assembly)	13%
2. HUB cycling training	13%
3. Bike to School Week 2016	12%
4. Best Routes to School Maps	10%

Eighty three per cent of Maillard parents believe that their neighbourhood is safe for walking and cycling to school. However, distance remains the number one reason that children are driven for the school trip. In response to this challenge, school administration and the PAC have recommended park n' walk locations nearby the school. Parents who need to drive their children are encouraged to use these alternative locations in order to reduce congestion along Rochester Ave. while allowing children to walk part of the way to school.

According to family take-home surveys, infrastructure improvements have shown to be the most effective STP activity. The City of Coquitlam will continue to upgrade areas of the neighbourhood in response to the action items generated from the school travel planning process (see Appendix A). Once the construction of Rochester Park is complete, the City of Coquitlam and school administration should stay in communication and

report any new situations that may be negatively affecting student's ability to walk and bike safely to school.

The idea of cycling to school for middle school-aged kids (11-13 years old) is a more feasible option for families than it is at the elementary school level based on our data findings from both age groups. HUB cycle training was highlighted by families as an effective STP activity. The Cool Routes to School engagement program was also recognized as an effective component to the overall STP project and was able to focus on educating students about the benefits of active and sustainable transportation. Maillard students were able to celebrate their newfound knowledge and skills by competing in Bike to School Week with other Coquitlam middle schools and by hosting their very own Bike Carnival.

In the future, Maillard would benefit from maintaining an ongoing level of awareness about active travel and continuing to promote initiatives that support walking and cycling. Materials and information produced during the STP process, such as the Best Routes to School Map and notices of infrastructure improvements should be easily accessible to parents and effectively communicated by the school administration in support of active and sustainable school travel.

School Travel Planning Members

The School Travel Planning process for Maillard Middle School 2015/2016 worked with a School Travel Planning School Committee and a School Travel Planning Stakeholder Committee. Key members of each committee are listed below.

School Committee

- Mark Clay: Principal
- Theresa Roberts: Vice-Principal

Parent Advisory Committee

- Jason Turner, PAC Chair

Stakeholder Committee

- Devon Ross: School District 43
- Mariee Devereux: TravelSmart, TransLink
- Staff from the City of Coquitlam Transportation Planning, Traffic Operations and Bylaw
- Kathleen Nadalin: ICBC
- Scout Gray: HUB Cycling
- Alex Kwan: Fraser Health
- Terry MacDonald: RCMP



Appendix A

1. Action Plan for Maillard Middle School
2. Baseline and Follow-Up Surveys: Hands-Up and Family Take-Home

Appendix B

1. Maillard Walkabout Handout

Appendix A: Action Plan for Ecole Maillard Middle School



Action/Initiative	Task	Start Date	End Date	Status
HASTe BC				
School Travel Planning Facilitator Actions				
Baseline Data Collection	Conduct Baseline Family Survey and Classroom Survey	Oct 2015	Oct 2015	
Walkabout	Conduct a School Community Walkabout with STP Municipal, School and Parent Stakeholders	Mar 2016	Mar 2016	
PAC Engagement	Attend Spring PAC Meeting. Provide updates based on the school walkabout and request feedback about draft Best Routes to School Maps.	Apr 2016	May 2016	
Principal Engagement	Work with principal to provide and develop pedestrian and cycling safety resources, contest and prizes for students and parents throughout the year	Sep 2015	Jan 2017	
Complete DRAFT Action Plan	Complete draft action plan, solicit feedback from school planning committee and steering committee	Mar 2016	Mar 2016	
	Develop Best Walking and Cycling Route to School	Mar 2016	May/Sep	

Action/Initiative	Task	Start Date	End Date	Status
Complete "Best Route to School" maps	using community input and feedback and codify them in a map of the catchment, to be distributed to families in the spring or early next fall		2016	
In-class youth education and engagement	Deliver Cool Routes to School program to leadership group of students (in-class education and engagement curriculum).	Jan 2016	May 2016	
School Event	Work with Youth Engagement Program, PAC & Principal to host a community event, e.g. Bike to School Week	Mar 2016	May/Jun 2016	
Collect Follow-up Surveys	Conduct follow-up Family Survey and Classroom Survey	Oct 2016	Nov 2016	
Report on implementation of STP and initiatives	Oversee the implementation of Action Plan items and track the actual versus planned timing and cost of initiatives	Mar 2016	Jan 2017	
Analyze and report on survey findings	Enter data, produce result graphs	May 2016	Oct 2016	
Complete School Travel Plan	Track progress, collect relevant information and develop School Travel Plan. Copies given to Maillard Middle, City of Coquitlam, and TravelSmart		Jan 2017	
Municipal Steering Committee Actions				
Coquitlam School District Actions				
Facilitation & Support	Devon Ross to liaise with Principal Clay and City of Coquitlam regarding park redevelopment and parking lot design adjacent to school.	Apr 2016	Jun 2016	

Action/Initiative	Task	Start Date	End Date	Status
City of Coquitlam Actions				
Signage	City to consider adding “school zone ahead” sign on Rochester Ave. just west of Schoolhouse St. to inform drivers of upcoming school zone.	Mar 2016	Aug 2016	Pending (May 2016): There is an existing playground zone sign west of Schoolhouse St. After renovations at Rochester Park are completed, we will assess if a 30 km/h speed limit tab is needed and also relocate the school zone signs so that they do not overlap with the playground zone sign.
Signage	City to assess repositioning “30km/hr School Zone” sign to be more visible to drivers as they approach school zone from the east on Rochester Ave.	Mar 2016	May 2016	Pending (May 2016): The sign will be relocated to make it more visible to drivers approaching from the east on Rochester Ave.
	City to assess intersection at Austin Ave. and Schoolhouse St. to include pedestrian countdown timers. Intersection is commonly used by students and other users who would benefit from the added infrastructure would provide.	Mar 2016	Dec 2016	Complete. A pedestrian countdown timer has been installed at the intersection of Austin

Action/Initiative	Task	Start Date	End Date	Status
				Ave. and Schoolhouse St.
	City to assess Austin Ave. between Marmont St. and Laurentian Cres. for overgrown vegetation causing sidewalk obstruction for pedestrians.	Mar 2016	Dec 2016	Complete. In response to overgrown vegetation along Austin Ave. causing sidewalk obstruction for pedestrians, the City of Coquitlam has issued boulevard maintenance request letters to several property owners on Austin Ave, Charland Ave, Gatensbury St and Midvale St.
	City to assess intersection of Marmont St. and Rochester St. to improve pedestrian and cyclist crossing. S-type intersection creates a difficult crossing situation for cyclists traveling east or west along Rochester Ave. Consider implementing effective wayfinding for cyclists, which clearly indicates a suggested route to navigate the intersection.	Mar 2016	Dec 2016	Complete. To improve wayfinding along the Rochester Ave. bike route, the City of Coquitlam has replaced existing incorrect signage and added new ones. Countdown timers have also been installed at the intersection of

Action/Initiative	Task	Start Date	End Date	Status
				Marmont St. and Rochester Ave.
Sidewalks	<p>City to prioritize the following streets for the Sidewalk Program.</p> <ol style="list-style-type: none"> 1. Thomas Ave. (between Marmont St & Laval St.) 2. Dansey Ave (between Schoolhouse St and Decaire St) 	Oct 2016	Dec 2016	<p>Pending. The City of Coquitlam has reviewed the prioritization of the following sidewalk sections near the school:</p> <ol style="list-style-type: none"> 1. Dansey Ave. (between Schoolhouse St. & Decaire St.) - scheduled for construction in 2017. 2. Thomas Ave. (between Marmont St. & Laval St.) - added to the list of sidewalk requests and will be evaluated annually
Fraser Health Actions				
Environmental Health	Continue providing information pertaining to health and built environment specific to Tri-Cities and school travel.	Apr 2016	Jun 2016	

Action/Initiative	Task	Start Date	End Date	Status
HUB Actions				
Bike Safety training	Bike education training for 8 grade 6/7 classes.	Spring 2016	Spring 2016	Funded jointly by City of Coquitlam and TravelSmart
Bike to School Event	Support Bike to School Event (May 30–June 3/16)	May/Jun 2016	Jun 2016	
TransLink - TravelSmart				
Resources for school education and engagement	Continue to support School Travel Planning and Cool Routes to School programs.	Apr 2016	Dec 2016	
Principal Actions				
Register for Bike to School Week	Register and participate in Bike to School week. Visit bikehub.ca/bike-to-school/bike-to-school-week for details.	Apr/May 2016	Jun 2016	
STP meeting	Principal to attend annual School Travel Planning meeting to update school progress and/or identify new concerns.	Apr 2016	Dec 2016	
Newsletter and Announcement promotion	Continue to promote Newsletter and announcements to support safe and active travel and behaviour change. Informed by the next steps of the School Travel Planning process and the student engagement with the Cool Routes to School program.		On-going	
Resources, Contests & Campaigns	Provide pedestrian and cycling safety information to students throughout the year, including Best Routes	Spring/Fall 2016		

Action/Initiative	Task	Start Date	End Date	Status
	to School maps. Support contests, prizes and incentives to encourage parent & student engagement.			
PAC Actions				
Newsletter	<ul style="list-style-type: none"> • Best Routes to School maps delivered to families in May/June or September 2016 • Separate item in the newsletter stating new location of park n' walk locations and meeting places. • Educate PAC & parents with STP updates (includes: resources, infrastructure change updates & upcoming events) 	May 2016	On-going	
Bike Carnival	Support Maillard Bike Carnival (June 2, 2016). Volunteer time, resources, funds.	May 2016	May 2016	
Best Routes Map	Contribute to editing the Best Routes to School Map		Jun 2016	
New Actions				

Action/Initiative	Task	Start Date	End Date	Status
-------------------	------	------------	----------	--------

Walkabout date: 4 March 2016

Walkabout Participants

- Mark Clay, Principal
- Jannette Guarin, City of Coquitlam
- Mumtaz Ambro, City of Coquitlam
- Devon Ross, SD43
- Alex Kwan, Fraser Health
- Scout Gray, HUB Cycling
- Bethany Butler-Wong – parent
- Anna Driedger – parent
- Mia Pietramala – Maillard student
- Alex Duncan – Maillard student
- Caroline Chady – Maillard teacher
- Anna Kirkpatrick – Youth Engagement Facilitator, HASTe
- Mike Smith, HASTe



CLASSROOM HANDS UP TRAVEL SURVEY

Please complete this survey, using stand-up or hands-up methods (ask students to raise their hands) for the week of:

Monday Oct 26th – Friday Oct. 30th 2015

Teacher: _____ Grade: _____ Division #: _____ # Students: _____

Ask students: "How did you travel to school this morning?"

	<i>Weather</i>	Walked /scooter	Walked part-way*	Bicycle	School Bus	Public Transit	Carpool (2 or more families)	Car (Just my family)	Other?	Total
Mon	Example: Rainy/6C									
Tues										
Wed										
Thur										
Fri										
Total										
Avg=Total/5 not for teachers										

Ask students: "How will you travel from school today?"

	<i>Weather</i>	Walked /scooter	Walked part-way*	Bicycle	School Bus	Public Transit	Carpool (2 or more families)	Car (Just my family)	Other?	Total
Mon	Example: Rainy/6C									
Tues										
Wed										
Thur										
Fri										
Total										
Avg=Total/5 not for teachers										

Walked part-way = *Walked at least one entire block. (e.g. Park & Walk)



Maillard Middle School

School Travel Planning Baseline Survey

26 October 2015

Dear Parent (Guardian):

Maillard Middle School is working together with the City of Coquitlam's School Travel Planning program to help reduce school traffic congestion and encourage more students to walk, scooter, skate or cycle on their journey to and from school.

The benefits of active school travel include:

- Increased safety.
- Improved health.
- Arriving alert and ready to learn.
- Less stress, greater happiness.
- Reduced traffic congestion near the school.
- Less air pollution.

The School Travel Planning survey will help to better understand the travel choices made by families at Maillard with the purpose of improving the safety and health of the school community.

Two Step Survey

This survey has two parts: an online questionnaire and a paper mapping exercise. To complete the online section please visit www.hastebc.org/coquitlam and follow the detailed instructions for your school.

You'll find the mapping exercise on the following pages. Once complete, **please have your child return it to their classroom teacher by Friday October 30th, 2015.**

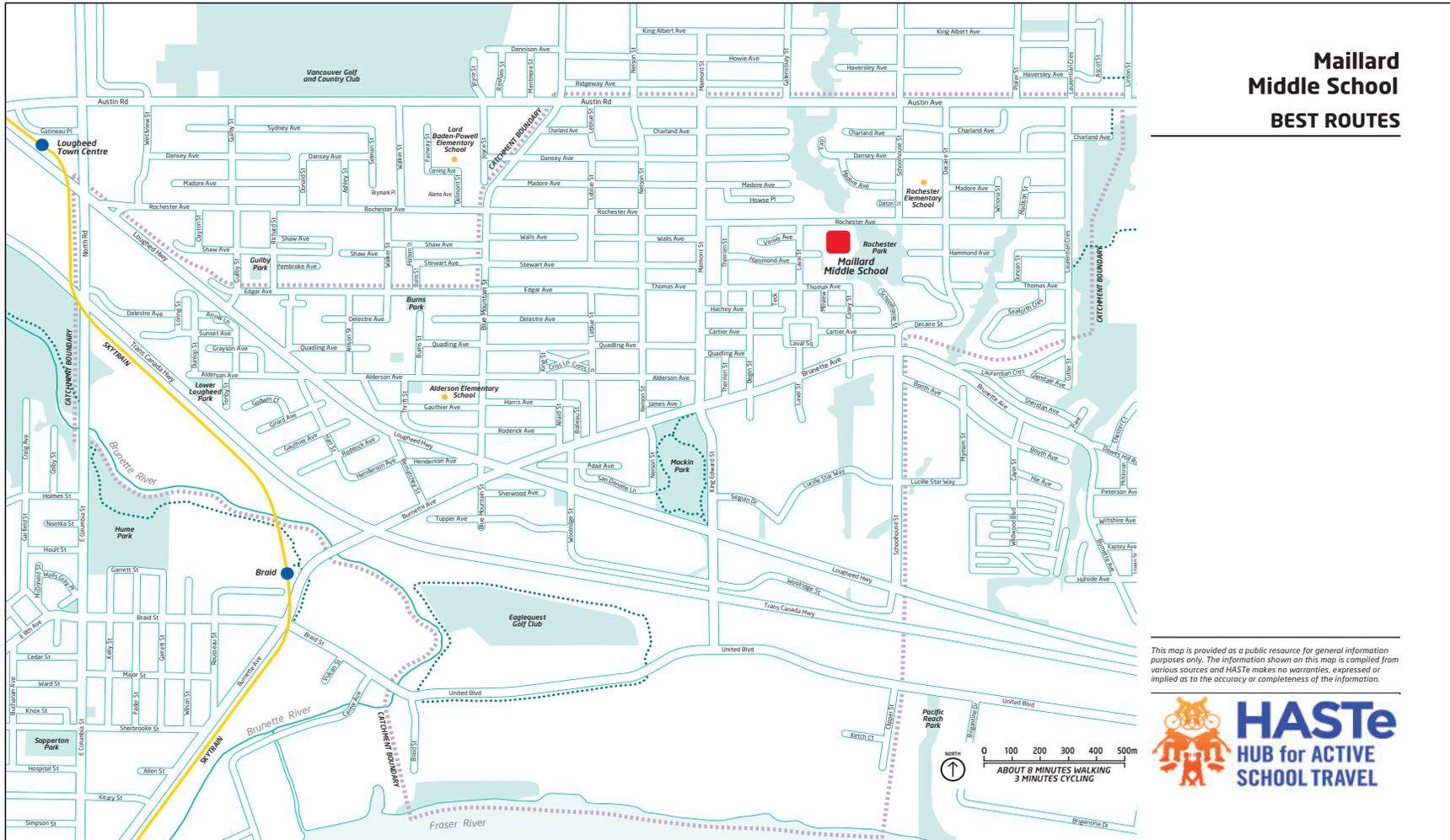
If you have any questions about the survey or the School Travel Planning process, please contact: Mike Smith, School Programs Manager. mike@hastebc.org

Thank you,

Mark Clay, Principal



See back page for mapping instructions.



This map is provided as a public resource for general information purposes only. The information shown on this map is compiled from various sources and HASTE makes no warranties, expressed or implied as to the accuracy or completeness of the information.



MAPPING EXERCISE: FOR PARENTS & STUDENTS TO ANSWER AS A FAMILY

Please complete the following map with the **WALKING** or **CYCLING** route your child/children take to get to and from School. If you usually drive please indicate the route **you would** walk or cycle. Identify any locations that are of concern to you with a number (e.g. 1, 2, 3) and describe these in the table below.

What do you think is unsafe in this area? --
For example: Laval St. at Thomas Ave. Cars turn right without looking for pedestrians.

PLEASE HAVE THIS MAPPING EXERCISE COMPLETED AND RETURNED TO THE SCHOOL BY FRIDAY OCTOBER 30th 2015. AND DON'T FORGET TO FILL OUT THE ON-LINE SURVEY, TOO. THANK YOU!

*HASTe (The Hub for Active School Travel) is the provincial lead for School Travel Planning in British Columbia.
For more information please visit our website: www.hastebc.org*

School Travel Planning Coquitlam is funded by the City of the Coquitlam and TravelSmart.



HASTe
HUB for ACTIVE SCHOOL TRAVEL



CLASSROOM HANDS UP TRAVEL SURVEY

Please complete this survey, using stand-up or hands-up methods (ask students to raise their hand's or divide in separate corners of the classroom) for the week of:

Monday Oct 24th – Friday Oct. 28th 2016

Teacher: _____ Grade: _____ Division #: _____ # Students: _____

Ask students: "How did you travel to school this morning?"

	<i>Weather</i>	Walked /scooter	Walked part-way*	Bicycle	School Bus	Public Transit	Carpool (2 or more families)	Car (Just my family)	Other?	Total
Mon	Example: Rainy/6C									
Tues										
Wed										
Thur										
Fri										
Total										
Avg=Total/5 not for teachers										

Ask students: "How will you travel from school today?"

	<i>Weather</i>	Walked /scooter	Walked part-way*	Bicycle	School Bus	Public Transit	Carpool (2 or more families)	Car (Just my family)	Other?	Total
Mon	Example: Rainy/6C									
Tues										
Wed										
Thur										
Fri										
Total										
Avg=Total/5 not for teachers										

Walked part-way = *Walked at least one entire block. (e.g. Park & Walk)



Maillard Middle School

School Travel Planning Follow-Up Survey

24 October 2016

Dear Parent (Guardian):

Maillard Middle has been working together with the City of Coquitlam's School Travel Planning program to help reduce school traffic congestion and encourage more students to walk, scooter, skate or cycle on their journey to and from school.

Maillard Middle took part in this program to:

- Improve safety in our community
- Increase the health and well-being of our students
- Increase the amount of students arriving alert and ready to learn
- Reduce pollution where our students play; and
- Reduce traffic congestion at and around our school

Some highlights from the last year include: Crosswalk assessments and upgrades, TravelSmart Youth Leadership program, HUB Cycling training, and a Maillard Bike carnival.

This follow-up survey is to help us understand the impact that School Travel Planning has had on travel behaviour at Maillard.

Please access the on-line survey by visiting this link and follow the instructions hastebc.org/coquitlamsurvey. The survey will take about 7 minutes to complete.

The deadline to submit the survey is: MONDAY OCTOBER 31ST 2016.

If you have any questions about the survey or the School Travel Planning process, please contact: Mike Smith-Cairns, HASTe, msmith@hastebc.org

Thank you,

Mark Clay, Principal



To protect your privacy this survey does not require you to provide your name. All information will be kept strictly confidential.

Appendix B: Walkabout Handout

École Maillard Traffic Walkabout March 4, 2016 – 8:15am

Background Information:

- dual track school offering an English program and an early and late French program
- grades 6-8
- 419 students, 13 divisions



Bell: morning (8:30am); afternoon (3pm)

Key Survey Findings

Mode	TO SCHOOL	FROM SCHOOL
	BL (%)	BL (%)
Walk / Scooter / Skate	19%	37%
Walk part-way (at least one entire block)	8%	8%
Bicycle	0%	1%
School bus	0%	0%
Public Transit (TransLink)	6%	6%
Carpool (2 or more families)	9%	7%
Car (just your family)	58%	41%
Other	0%	0%
TOTAL	100%	100%

* Approx. 20-30 students arrive by scooter everyday

Distance to school	BL (#)	BL (%)
Less than 0.5km	12	13%
0.51 to 1.59km	29	30%
1.6 to 3km	37	39%
Over 3km	18	19%
TOTAL	59	100%

Reasons for Driving	BL (#)	BL (%)
Distance	29	44%
Convenience	25	12%
Traffic	15	6%
Personal Safety	12	8%
On way to somewhere else	15	19%
Weather	10	9%
TOTAL	59	100%

I would allow my child to cycle if...	BL (#)	BL (%)
Not alone	21	36%
Safer Routes	28	47%
Reduction in traffic	25	42%
Older	8	14%
Lived closer	14	24%
Bike training	9	15%
Bike parking	13	22%
Other	11	19%
TOTAL Drivers	59	-

I would allow my child to walk to school if...	BL (#)	BL (%)
Not alone	34	58%
Safer routes	15	25%
Reduction in traffic	23	39%
Older	13	22%
Lived closer	24	41%
Other	13	22%
TOTAL Drivers	59	-

Notes: