



Active Travel Young People Sunshine Coast

School District 46

June 23, 2020

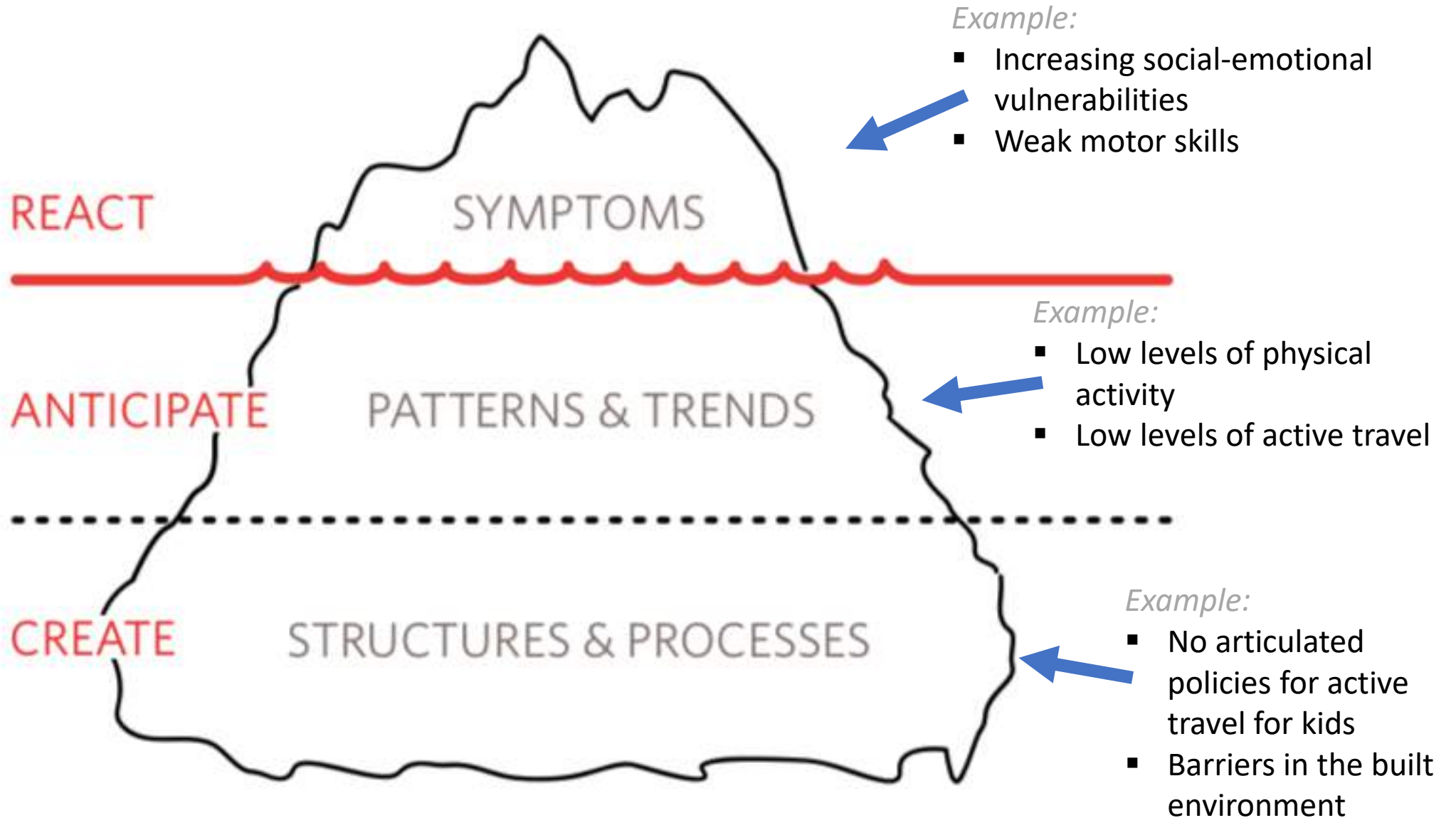
Background



2018

- Town of Gibsons received an Active Communities Grant (MoH \$, administered by VCH)
- Gibsons Active Travel for Kids project
- Cross-sectoral project committee (including SD)
- Gibsons & Elphinstone schools
- Final report approved by ToG Council (December 2018)

FIGURE 4. THE SYSTEMS ICEBERG



Symptoms



Sunshine Coast
Wave 7: 2016-19

38% EDI
rate on 1+
scales

BC: 33%



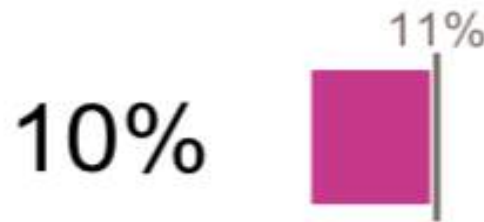
Physical Health &
Well-Being



Social
Competence



Emotional
Maturity



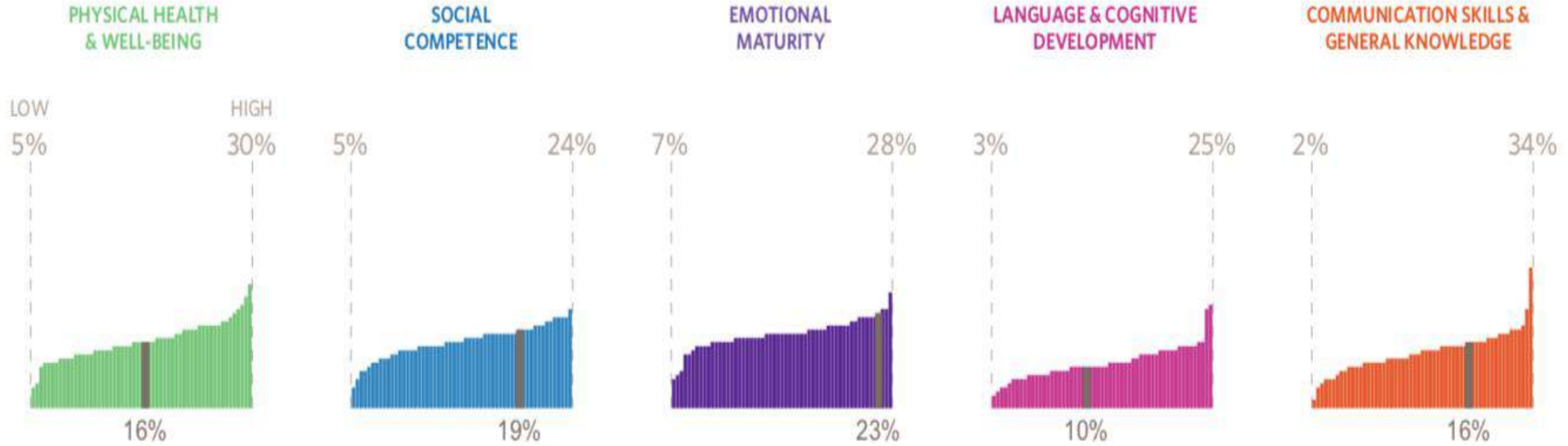
Language & Cognitive
Development



Communication Skills &
General Knowledge

Symptoms

FIGURE 14. WAVE 7 SCALE-LEVEL VULNERABILITY IN SUNSHINE COAST WITHIN A PROVINCIAL CONTEXT



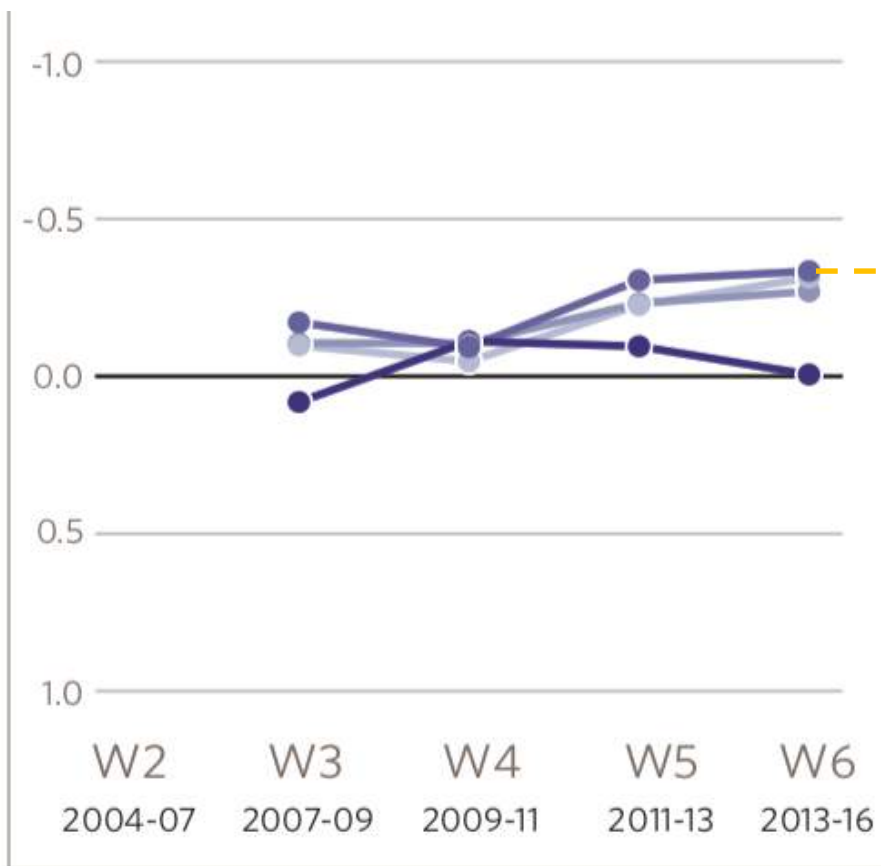


Wave 6:
2013-2016

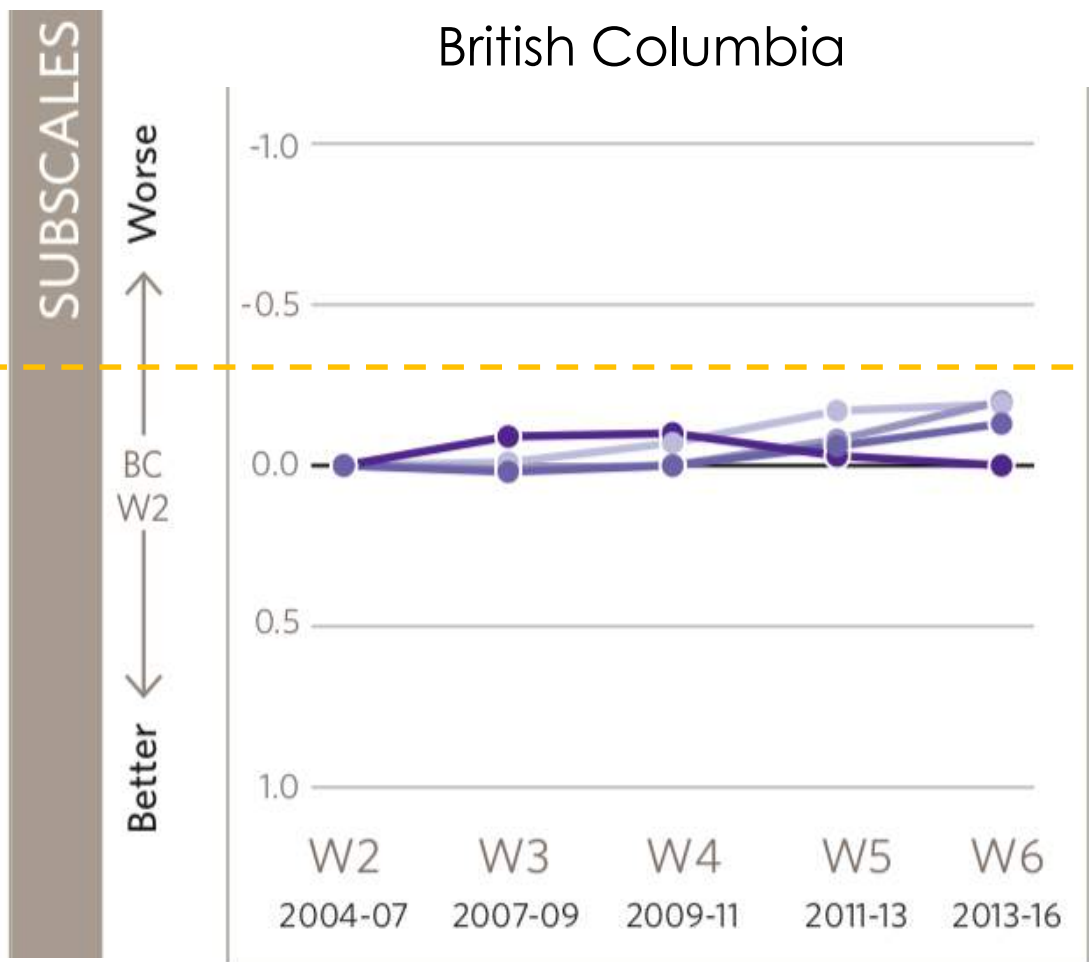
Emotional Maturity Subscales (Wave 6)

- Aggressive
- Anxious & Fearful
- Hyperactive & Inattentive
- Prosocial & Helping

Sunshine Coast

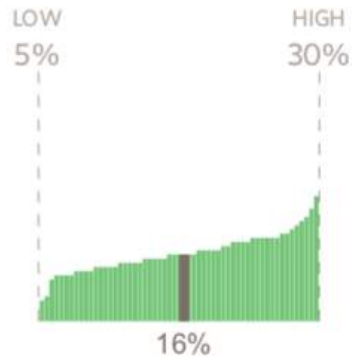


British Columbia



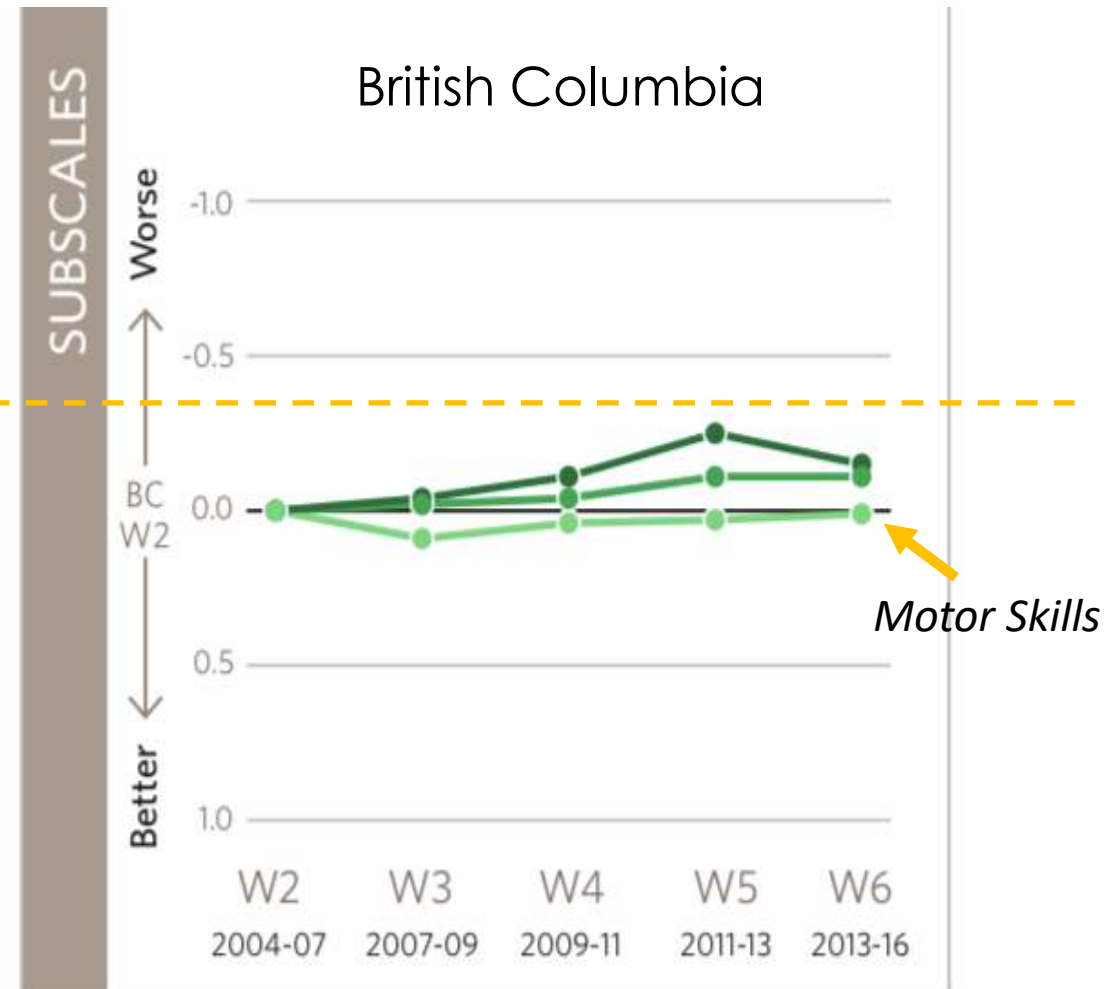
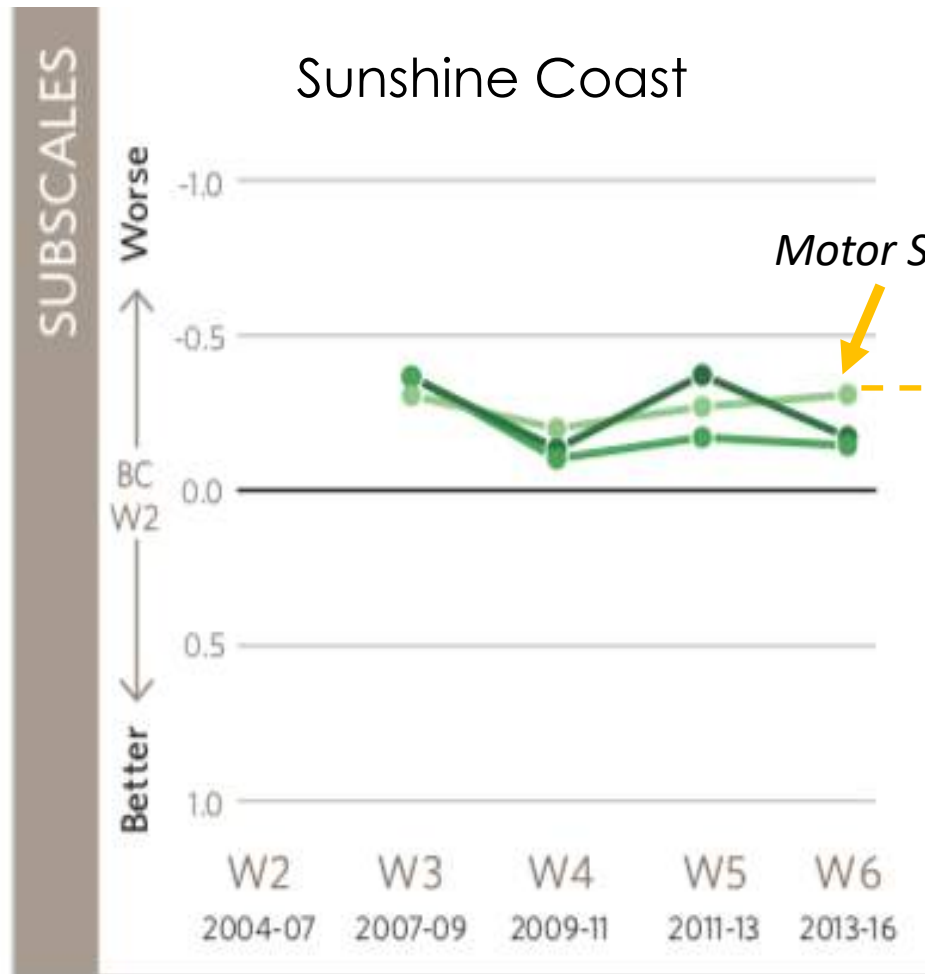
Symptoms

Symptoms



Physical Health & Well-Being Subscales (Wave 6)

- Gross & Fine Motor Skills
- Physical Independence
- Physical Readiness



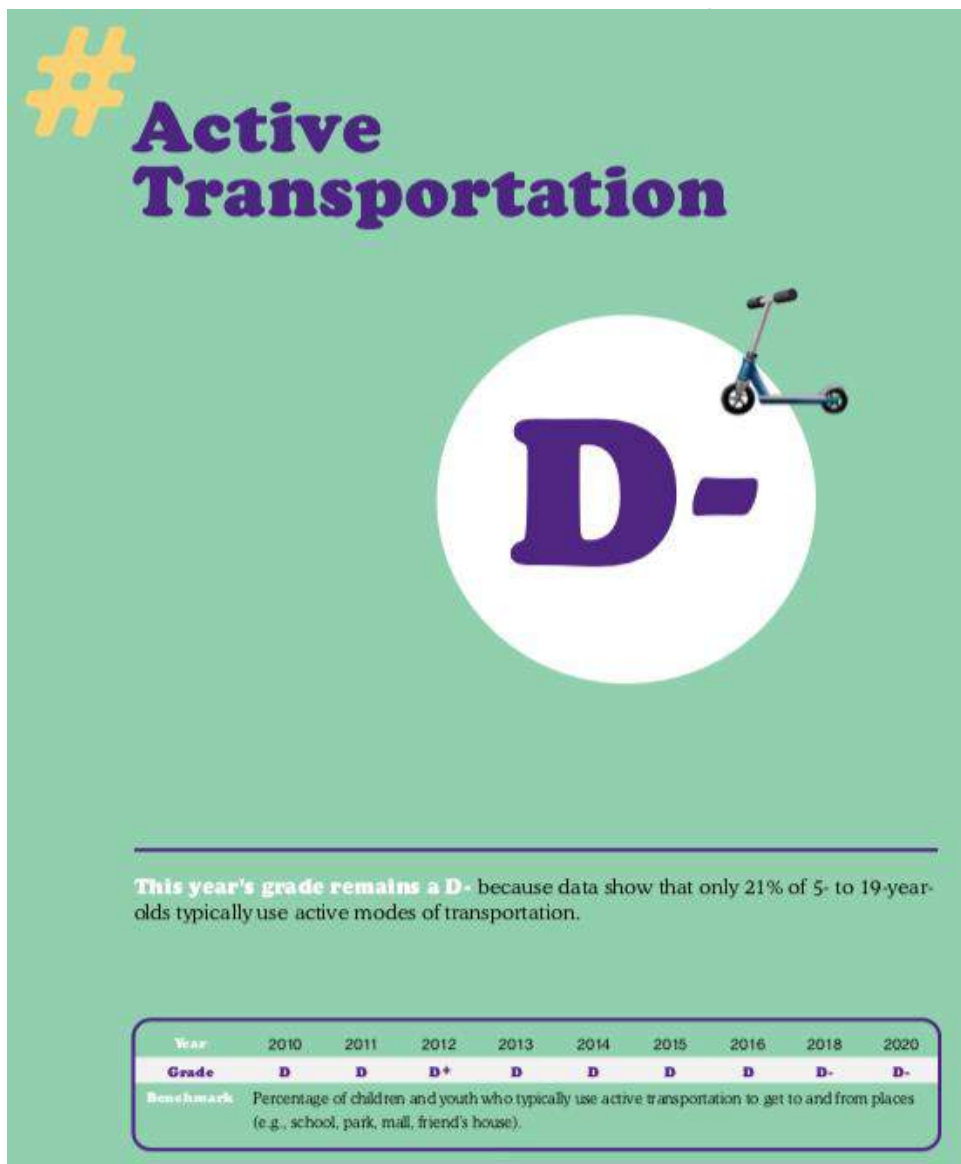
D+ Overall Physical Activity

	All	Boys	Girls
5- to 17-year-olds	D+	C	D-
5- to 11-year-olds	C	B-	D
12 -to 17-year-olds	D	C-	F



18%
of 12 to 17 year-olds
in BC get the daily
recommended
amount of physical
activity (2018, AHS)

The Backseat



21%

of 5-19 year-olds in Canada typically use active modes of travel to get to school

63% use inactive modes

(Canadian Fitness & Lifestyle Research Institute, 2014-16)

2020 Canadian Physical Activity Report Card

Sunshine Coast

Middle Development Instrument 2019-2020

"How do you usually get to/from school?"

Gibsons Active Travel Project (2018)

TO School	FROM	Mode	To School	From School	Preference
Gibsons: 51% Elphin: 41%	41% 22%	Car	Gr4: 43% Gr7: 42%	Gr4: 36% Gr7: 27%	Gr4: 29% Gr7: 36%
Gibsons: 17% Elphin: 35%	22% 39%	School bus	Gr4: 33% Gr7: 34%	Gr4: 40% Gr7: 45%	Gr4: 16% Gr7: 17%
Gibsons: n/a Elphin: 4%	n/a 9%	Transit	Gr4: 0% Gr7: 0%	Gr4: 0% Gr7: 1%	Gr4: 3% Gr7: 0%
Walk, Scoot, Skate Gibsons: 29% Elphin: 15%	32% 25%	Walk	Gr4: 18% Gr7: 19%	Gr4: 19% Gr7: 22%	Gr4: 19% Gr7: 22%
BIKE Gibsons: 3% Elphin: 2%	3% 1%	Cycle, skate scoot, etc.	Gr4: 3% Gr7: 4%	Gr4: 3% Gr7: 4%	Gr4: 20% Gr7: 18%
		Other	Gr4: 3% Gr7: 1%	Gr4: 3% Gr7: 1%	Gr4: 13% Gr7: 7%



Why it matters



1990 to 2006 (UK)

59%

*Increase in
emissions for
school travel*

*The largest % increase
of the carbon footprint
for schools*

Kids' Independent Mobility

- Higher levels of physical activity
- Better fitness
- Increased sociability
- Improved spatial skills (wayfinding, cog dev)
- Increased alertness (readiness to learn)
- Increased independence & self-reliance
- Improved mental well-being
- Higher sense of community belonging
- Reduced parent stress (reduces kid stress)
- Safer streets (school zones, traffic, cohesion)
- Reduced vehicle emissions (air, climate)

Structures & Processes

Transforming children's everyday journeys



Making active travel choices...

- possible
- desirable
- inevitable

Structures & Processes

SD-Related Actions to Date

- 2019: **Presentations on project results** to Healthy Schools Table, DPAC, School Admin, Intergovernmental Liaison Committee
- 2019/2020 – **Developed & convened cross sectoral “Tactical Team”**: SD, DPAC MCFD, RCMP, TG, DoS, MOTI, BC Transit, TRAC, VCH
- **Local governments willing to consider prioritizing school zones** for infrastructure upgrades
- **RCMP willing to play a role** – enforcement around schools; engagement with kids; reassurance of safe communities to the public
- **BC Transit** interested in seeing what its role could be
- **SD was already doing**: some bike skills training; Bike to School Week

- **Some schools were already doing**: Walking School Bus; safety around drop off/pick up zones; encouraging active travel in newsletters, etc.
- **DPAC** – considering a screening of the “Running Free” documentary
- **Some interest from Kirsten Deasey (via StrongStarts)** re: promoting independent mobility with younger age groups
- **School Hands Up Survey**
- **School Infrastructure** – e.g., bike racks
- **Best Routes to School Maps** – testing with Davis Bay, Gibsons and West Sechelt
- **VCH/SD drafted a write-up for the March newsletter** re: active travel, *with sign-off & noted acknowledgement from MCFD rep*
- **VCH input into SD Transportation policy** with suggestions on how to integrate active travel into the policy
- **Potential \$** re: active school travel - MOTI grants; SC Community Foundation

For consideration:

- **More consistent support** across schools and the SD
- **Regular, ongoing awareness-raising, communication & skills building** with staff, parents & kids re: importance of active travel
- **Collaborate with local government** re: infrastructure upgrades
- **Integrate active travel** into SD Transportation Policy
- **Assess current state**
- **Revisit SD recommendations** in the Gibsons Active Travel project report

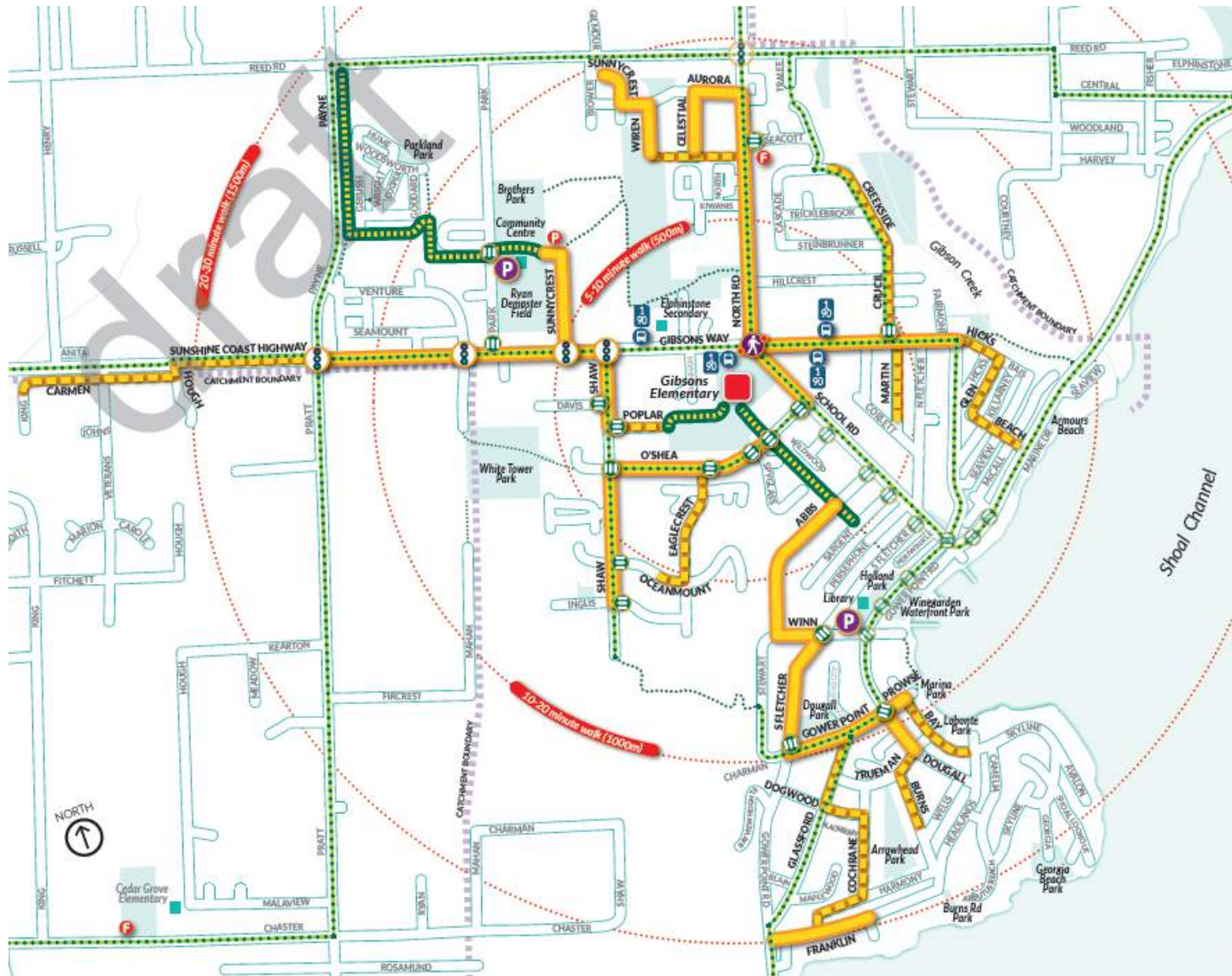


SCHOOL DISTRICT 46
SUNSHINE COAST

TRANSPORTATION STRATEGIES (3.F.)

Operations Committee – June 26, 2020














ACTIVE TRANSPORTATION

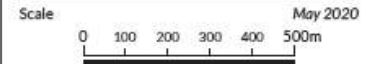


GIBSONS
ELEMENTARY SCHOOL

gibsons.sd46.bc.ca

Draft Best Routes

-  Best Walking Route
(sidewalk at least one side of road)
-  Best Connecting Route
(no sidewalk)
-  Best Trail Route
-  Park & Walk
-  School Crossing Guard
(at Gibson Way/School Rd)
-  Bus Stop - (closest to school)
-  School
-  Traffic Signal
-  Marked Crosswalk
-  City Bike Way
-  Walkway/Trail
-  Firehall
-  Police



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 Sunshine Coast School District 46 makes no warranties, expressed or implied as to the accuracy or completeness of the information.

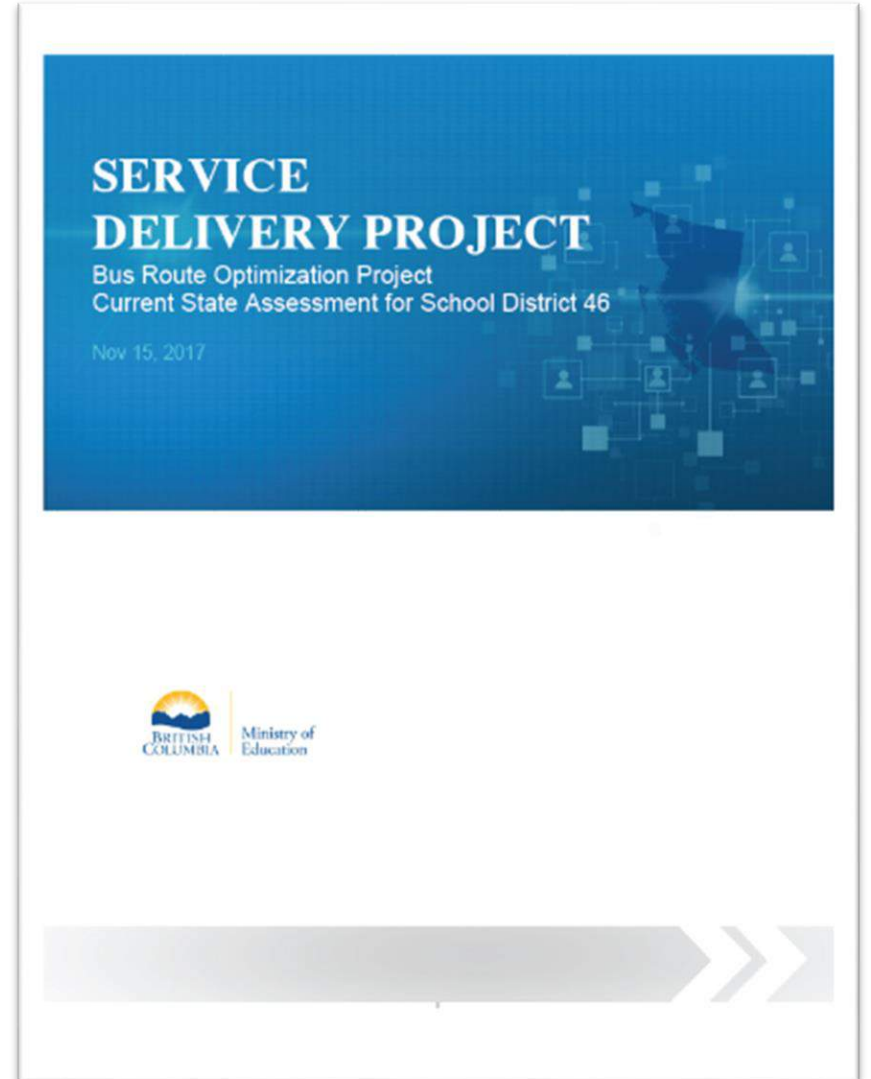


SCHOOL DISTRICT 46
SUNSHINE COAST



NOVEMBER 2017 – CURRENT STATE ASSESSMENT

- Provides baseline measures to use to develop optimization strategies
- Linear nature of district lends itself to an efficient transportation network
- Average cost per km is \$2.70, providing a high level of service at a reasonable cost
- Out of scope transportation (i.e. courtesy riders) may result in longer ride times for eligible riders





NOVEMBER 2017 - RECOMMENDATIONS

SERVICE DELIVERY PROJECT

Bus Route Optimization Project
Current State Assessment for School District 46

Nov 15, 2017

✓ Process Review:

- Establish a formal Student Bus Registration process for bus transportation.
- Review the catchment boundaries and decide if the walk limits will be enforced or continue as per past practice.

✓ Oversight:

- Train designated staff on use of bus registration software (Traversa)

The screenshot displays the Traversa routing software interface. The top navigation bar includes 'Routing', 'Menu', 'Runs', 'Student Filters', and 'Fleet Schedule'. The main content area is titled 'Run - A01 (291)'. It features several tabs: 'Run Details', 'Custom Fields', and 'Student Filter'. The 'Run Details' tab is active, showing the following information:

- Name: A01 (291)
- Description: Langdale/Elphinstone/Gibsons
- Start Date: 2019-07-01
- End Date: 2020-06-30
- Active Days: Mon, Tue, Wed, Thu, Fri, Sat, Sun (with checkboxes)
- Vehicle: SD46 291
- Driver: Cornford, Shelly
- Stop Proximity Distance: 1.10 km
- Stop Delay: 0 s
- Student Delay: 0 s
- Options: [gear icon]
- Walk: [checked] Circle: [unchecked]
- Stop: [stop icon]
- Capacity: 40/72
- Time: 1 hr 50 min
- 70.79 km

Below this information is a table with 7 rows and 5 columns:

#	Description	Address	Time	Students
1	Beckett Bus C	4873 SOLAR RD	07:15 AM	
2	Stop	Port Mellon Hwy & Tain	07:45 AM	
3	Stop	Port Mellon Hwy & Wray	07:49 AM	
4	Stop	YMCA Rd & Chiswick Is	07:50 AM	
5	Ferry Terminal	Langdale Ferry Terminal	07:55 AM	
6	Langdale Ele	Langdale Elementary 46	08:00 AM	
7	Stop	Macne Dr & Hookins rd	08:01 AM	

To the right of the form is a map showing the route area with various stops marked by colored pins. A scale bar at the bottom right indicates 10m and 2mi.



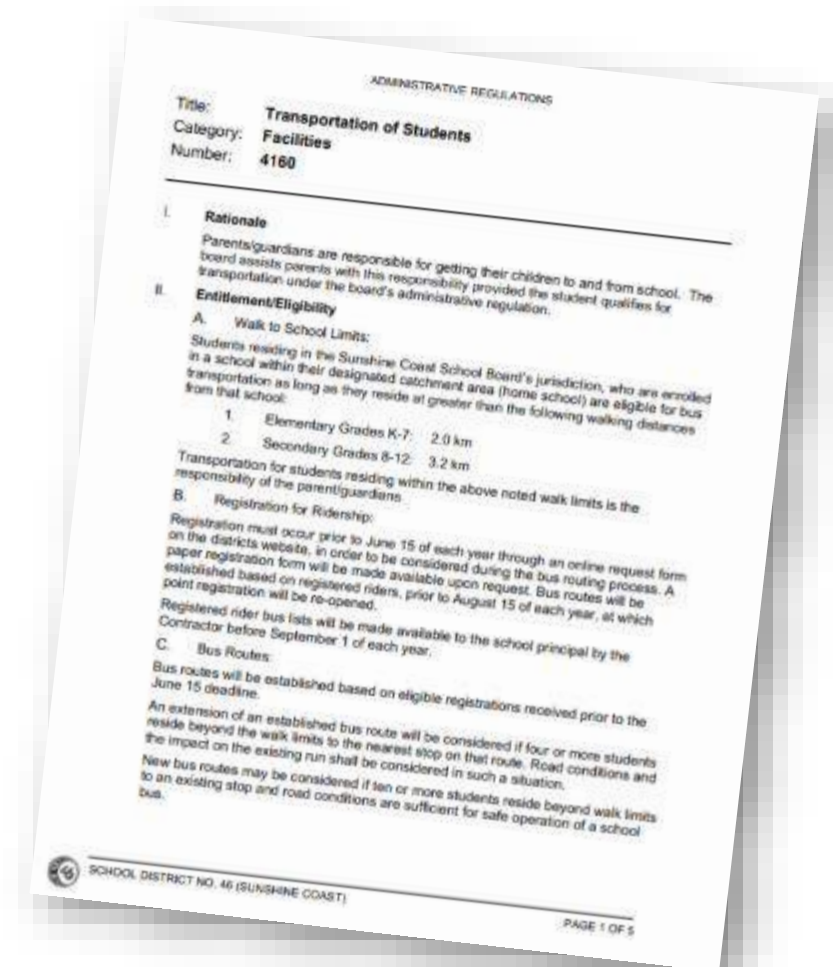
NOVEMBER 2017 - RECOMMENDATIONS

SERVICE DELIVERY PROJECT

Bus Route Optimization Project
Current State Assessment for School District 46

Nov 15, 2017

- ✓ **Optimization:**
 - Conduct a bell and fleet schedule study
- ✓ **Policy Recommendations:**
 - Include walk to stop limits
 - Include process to remove courtesy riders from a route
 - Include process to extend a route
 - Include process to request a new route





NOVEMBER 2017 – OPTIMIZATION

SERVICE DELIVERY PROJECT

Bus Route Optimization Project
Current State Assessment for School District 46

Nov 15, 2017

- “In the coming school year and beyond, the SD should conduct a full Bell Time / Fleet Schedule study. **There are instances where students are waiting for extended periods of time in the morning for school or in the afternoon for the bus departure.** This could produce better utilization of the bus fleet, and a shorter educational day for students.”

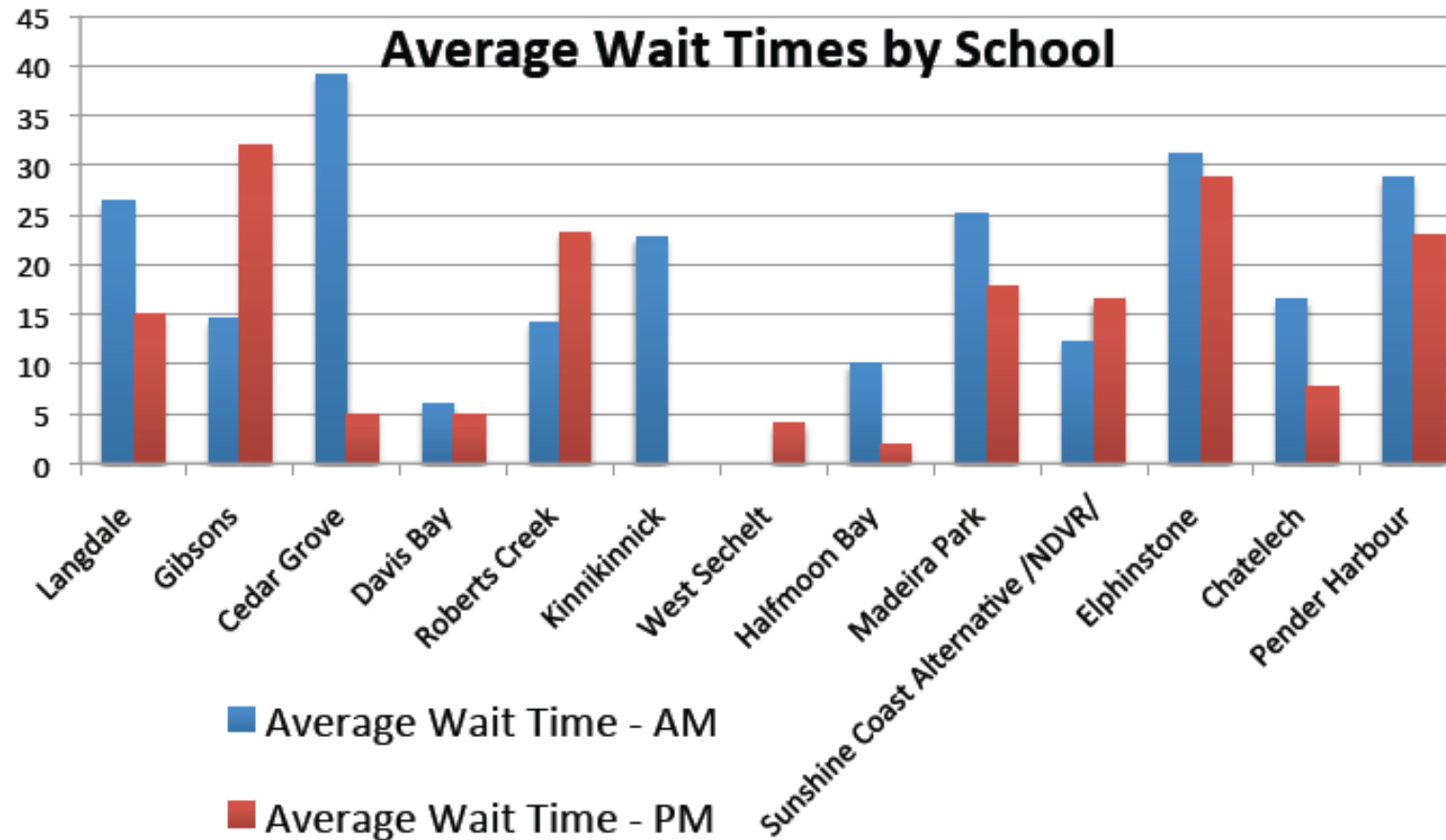


AVERAGE WAIT TIMES BY SCHOOL

SERVICE DELIVERY PROJECT

Bus Route Optimization Project
Current State Assessment for School District 46

Nov 19, 2017



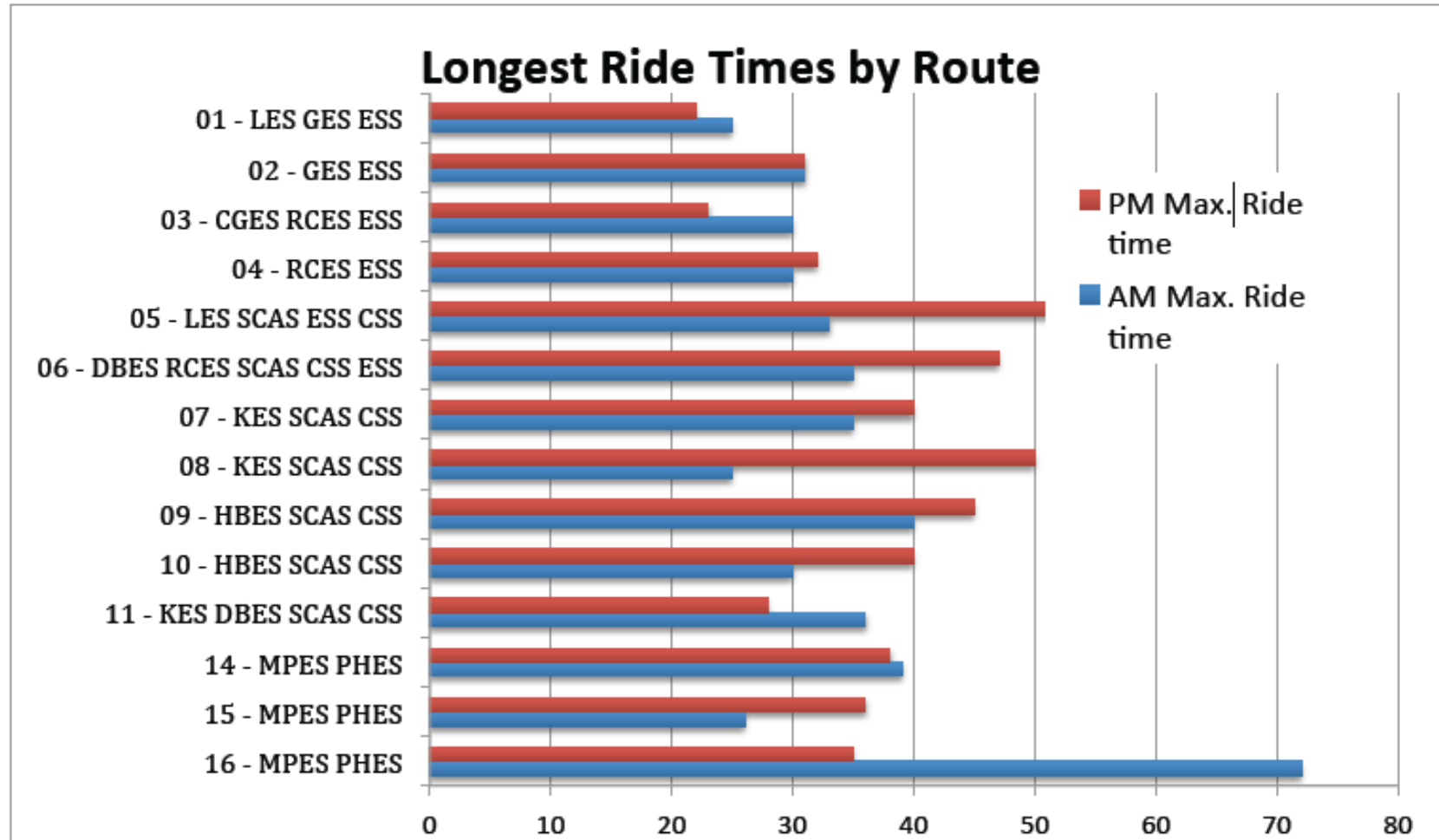


LONGEST RIDE TIMES BY ROUTE

SERVICE DELIVERY PROJECT

Bus Route Optimization Project
Current State Assessment for School District 46

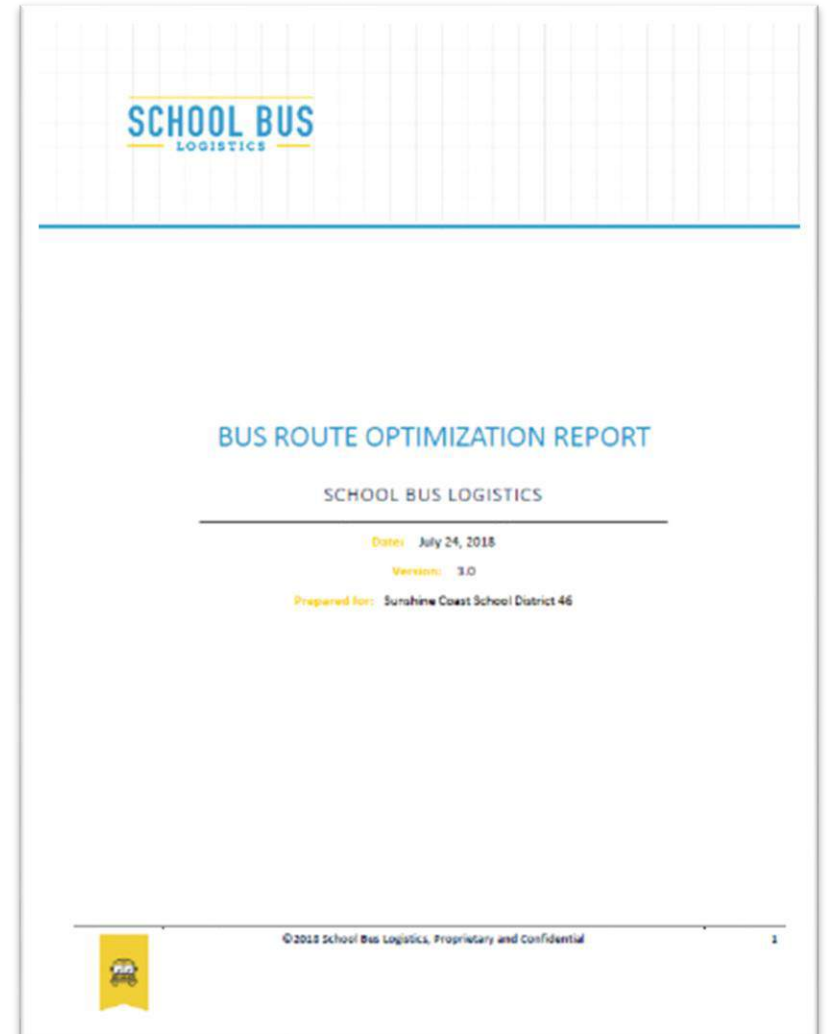
Nov 15, 2017





JULY 2018 – BUS ROUTE OPTIMIZATION REPORT

“School Bus Logistics is pleased to deliver this report for a bell schedule and bus route optimization analysis for your upcoming school year 2018-19. This report outlines findings for a comprehensive bell schedule analysis, bus route efficiencies, and a review of impacts of cross boundary student riders”





SCHOOL DISTRICT 46 - SUNSHINE COAST
Excellence in all we do!

WHAT'S NEXT?

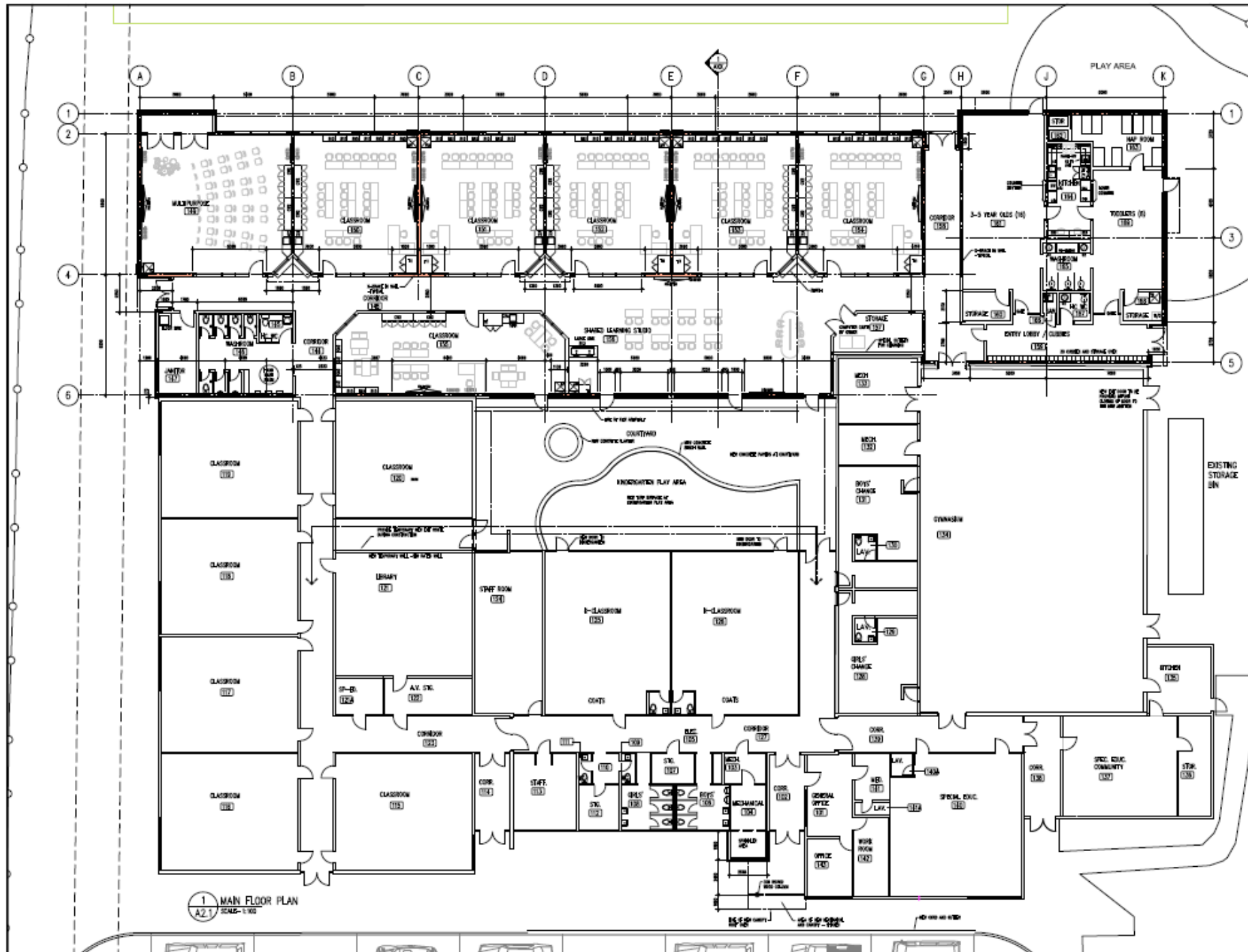
- Review Route Optimization Report with Operations Committee in greater detail
- Consulting with school communities, students and families
- Determine impact on CSF transportation and cross-boundary riders
- Consider future increases in enrollment & impact on bussing



SCHOOL DISTRICT 46
SUNSHINE COAST

WEST SECHELT ELEMENTARY EXPANSION

Operations Committee – June 26, 2020



1 MAIN FLOOR PLAN
SCALE: 1/8" = 1'-0"

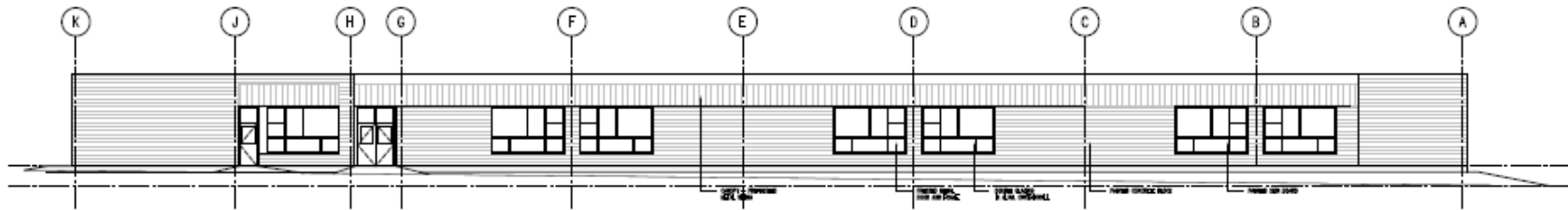
M3a
 M3 Architecture Inc.
 Suite 371
 450 West 7th Avenue
 Vancouver BC
 V5Y 3W5
 Canada
 604.599.9270
 m3architecture.ca

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	2022-08-22
2	ISSUED FOR CONSTRUCTION	2022-09-15
3	ISSUED FOR CONSTRUCTION	2022-10-01
4	ISSUED FOR CONSTRUCTION	2022-10-15
5	ISSUED FOR CONSTRUCTION	2022-10-30
6	ISSUED FOR CONSTRUCTION	2022-11-15
7	ISSUED FOR CONSTRUCTION	2022-12-01
8	ISSUED FOR CONSTRUCTION	2022-12-15
9	ISSUED FOR CONSTRUCTION	2023-01-01
10	ISSUED FOR CONSTRUCTION	2023-01-15

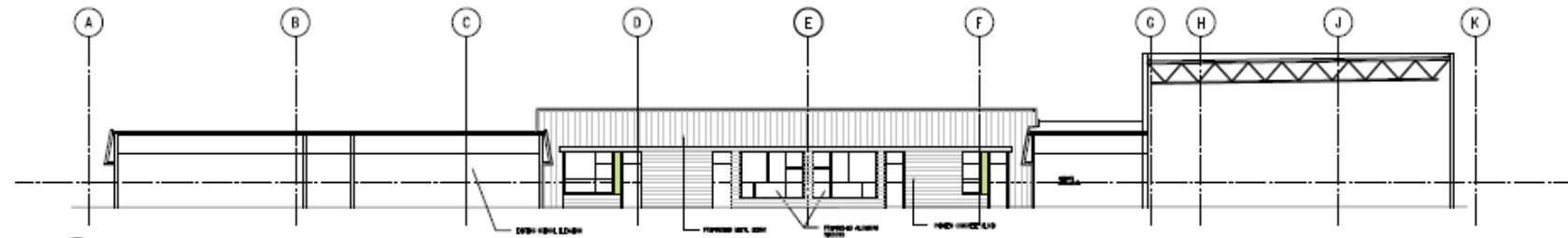
SCHOOL DISTRICT 45
 SUNSHINE COAST
 WEST SICHEL
 ELEMENTARY SCHOOL
 CLASSROOM ADDITION
 9608 Main St.
 Seattle, BC V6N 3A8

FLOOR PLAN ADDITION	
NO.	DESCRIPTION
1	ISSUED
2	ISSUED
3	ISSUED
4	ISSUED
5	ISSUED
6	ISSUED
7	ISSUED
8	ISSUED
9	ISSUED
10	ISSUED

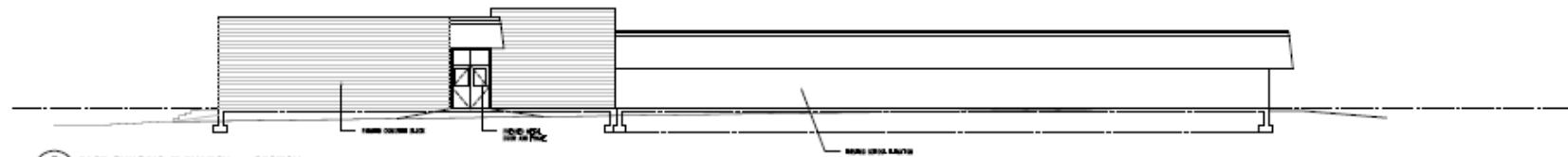




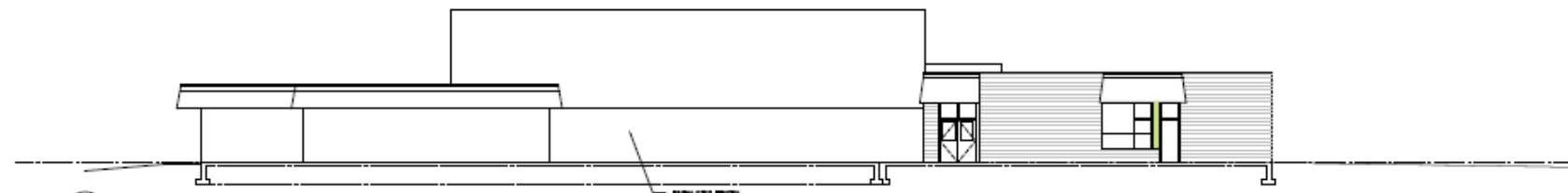
1 WEST BUILDING ELEVATION
SCALE: 1/16"



2 EAST BUILDING ELEVATION - SECTION
SCALE: 1/16"



3 EAST BUILDING ELEVATION - SECTION
SCALE: 1/16"



4 EAST BUILDING ELEVATION - SECTION
SCALE: 1/16"

MBa

MB Architecture Inc.
Suite 371
450 West 7th Avenue
Vancouver BC
V5Y 3W5
Canada

604.559.9270

mbarchitect.com

1	DATE	DESCRIPTION
2	DATE	DESCRIPTION
3	DATE	DESCRIPTION
4	DATE	DESCRIPTION
5	DATE	DESCRIPTION
6	DATE	DESCRIPTION
7	DATE	DESCRIPTION
8	DATE	DESCRIPTION
9	DATE	DESCRIPTION
10	DATE	DESCRIPTION

SCHOOL DISTRICT 45
SUNSHINE COAST

WEST SECHLT
ELEMENTARY SCHOOL
CLASSROOM ADDITION
5628 Main St.
Surrey, BC V3V 3A8

BUILDING ELEVATIONS

1:16

DATE: 1912

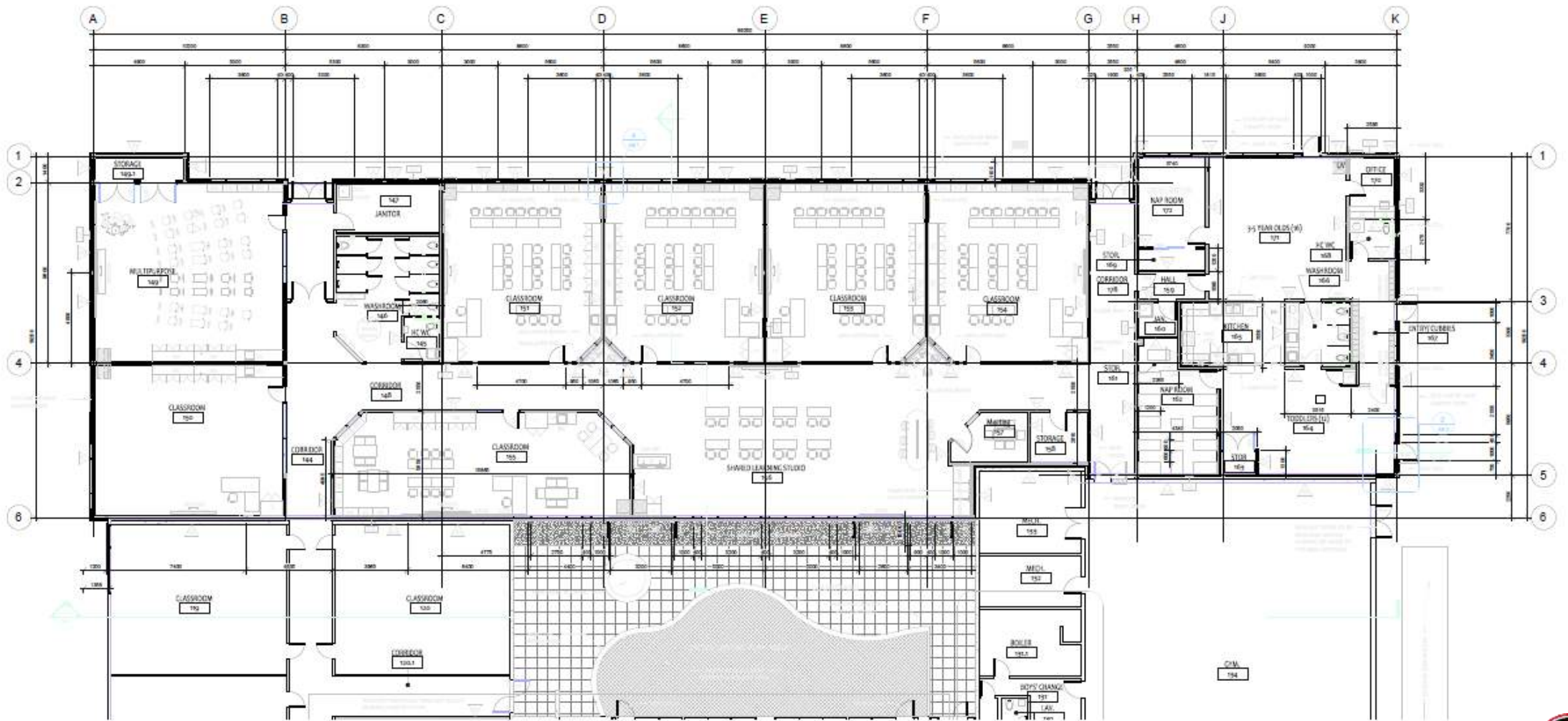
SCALE: 1/16"

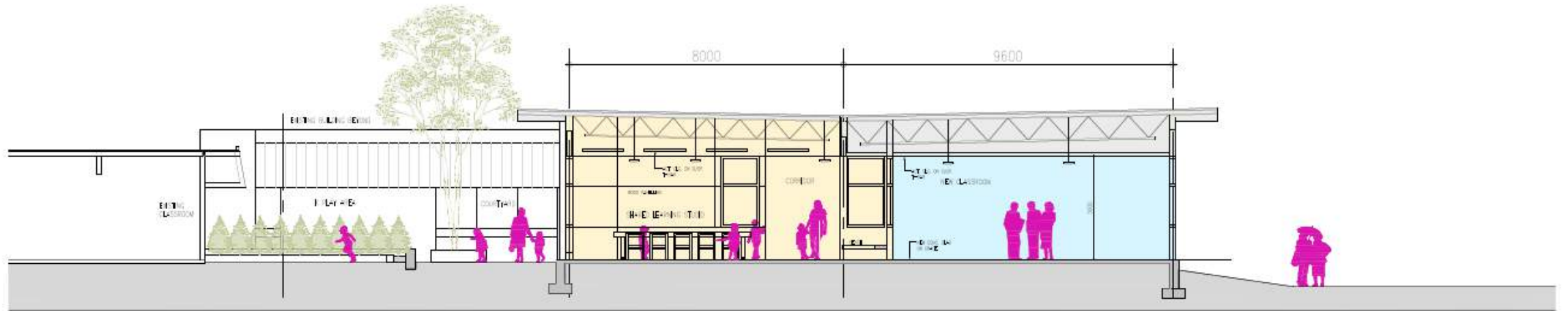
DATE: 1912

SCALE: 1/16"

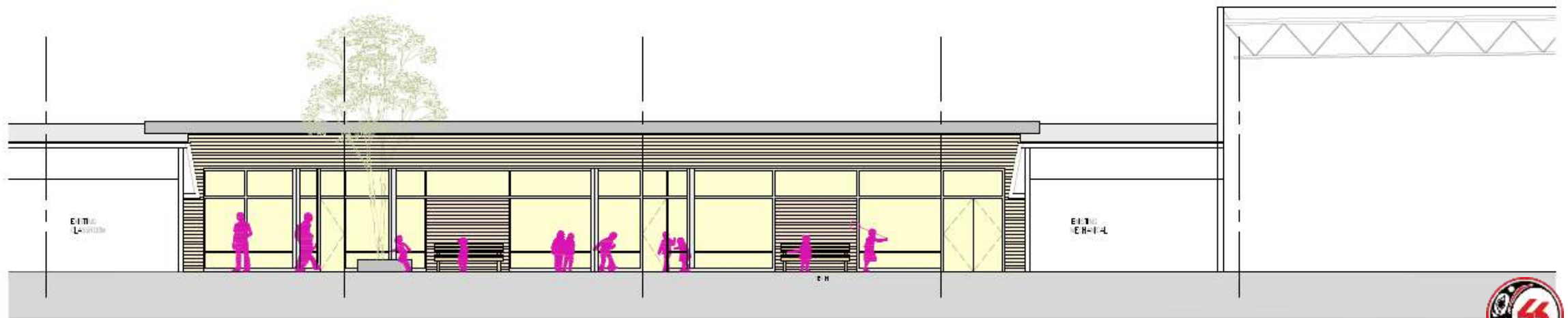
A3.1







BUILDING SECTION AT NEW ADDITION



COURTYARD ELEVATION OF NEW ADDITION

