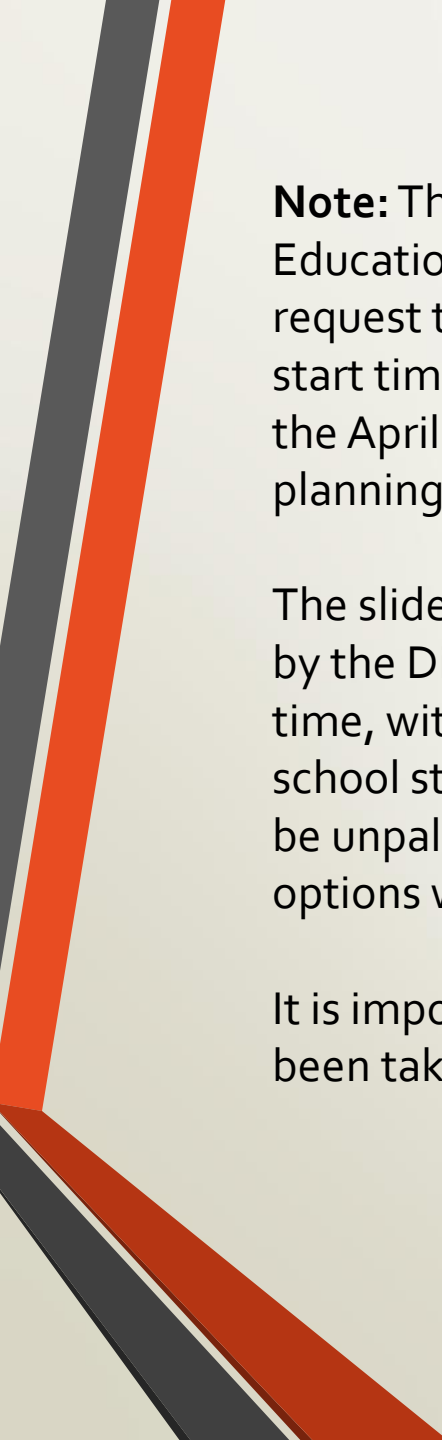




Later High School Start Timeline & Decision Points

October 2018

Syosset Board of Education Meeting



Note: The following presentation was given to the Syosset Board of Education at the October 15, 2018 public meeting in response to their request to outline the logistics involved in implementing a change in the start time of any school. This is a follow-up presentation to the one given at the April 17, 2018 public meeting, which provided an overview of the planning and process of the research to be undertaken.

The slides that follow outline the research conducted by a consultant hired by the District to evaluate logistical options related to a change in start time, with a focusing on busing. The options presented achieve a later high school start time, but also present some significant compromises that may be unpalatable. The District has asked the consultant to develop additional options which will ultimately be shared with the public to seek feedback.

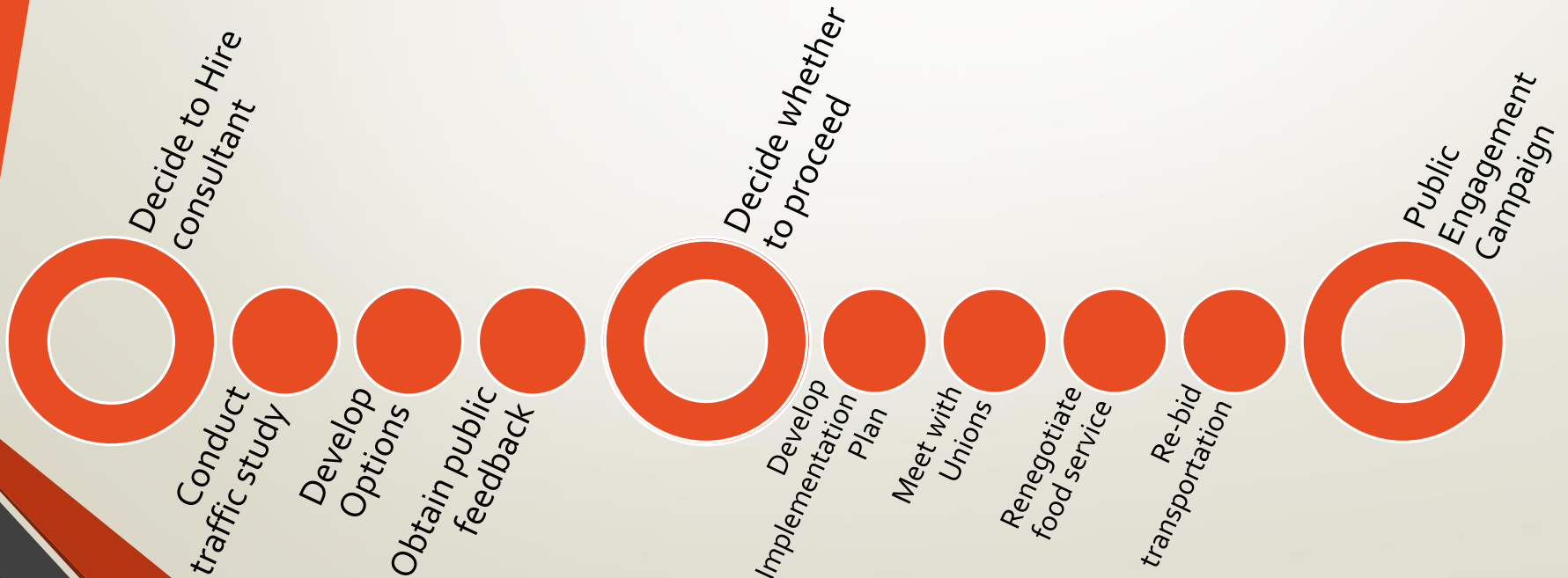
It is important to note that no decision has been made and no action has been taken at this time to implement any changes.

Process Overview

Spring 2018

Winter 2019

Spring 2019



Performance Metrics

Performance Metric	Special Needs	Regular Ed
Daily Buses Operated	32	86
Annual Operating Cost per Daily Route Bus	69,381	\$72,715
Annual Cost Per Rider	\$9,290	\$961
Number of Buses per 100 Students	1.7	
Average Run Times	29 minutes	
Capacity Utilization (General Education)	82 percent	

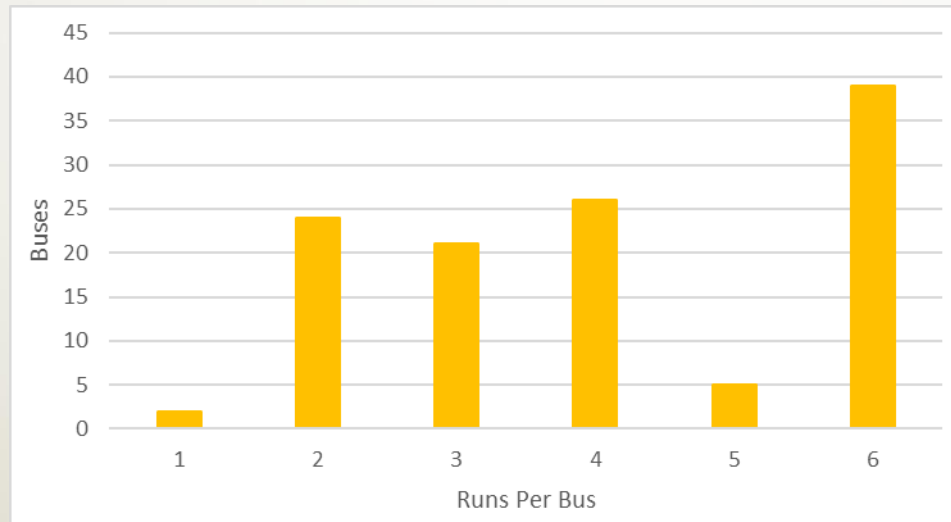
Program	Morning Average Capacity Utilization	Afternoon Average Capacity Utilization
High School	98%	98%
Middle School	78%	76%
Elementary School	73%	73%

Average
82%



Performance Metrics

Program	Morning Average Run Time	Afternoon Average Run Time
High School	0:24	0:25
Middle School	0:23	0:23
Elementary School	0:21	0:20
Other Schools	0:48	0:50



Mostly out-of-District
or special needs

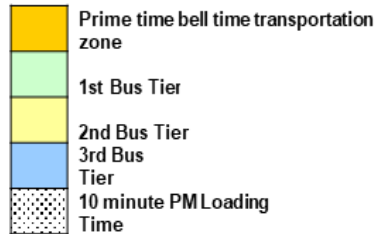
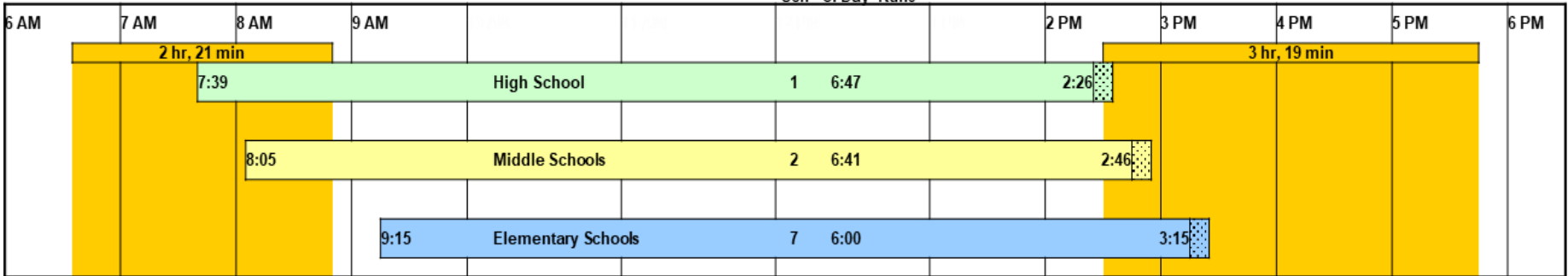
Performance Metrics - Conclusion

- 118 buses
- 474 runs
- 6,744 active riders (public and non-public)
- 82% utilization
- \$8.4 million annual cost
- School Bus Consultants' report: "Overall, services are being delivered in a manner that provides a high level of service and a capacity utilization of 82 percent are a good indication of why costs for the transportation operation are reasonable."

Current Transportation/Bell Schedule

Syosset Central School District

Length #
Sch of Day Runs



Length of Day:

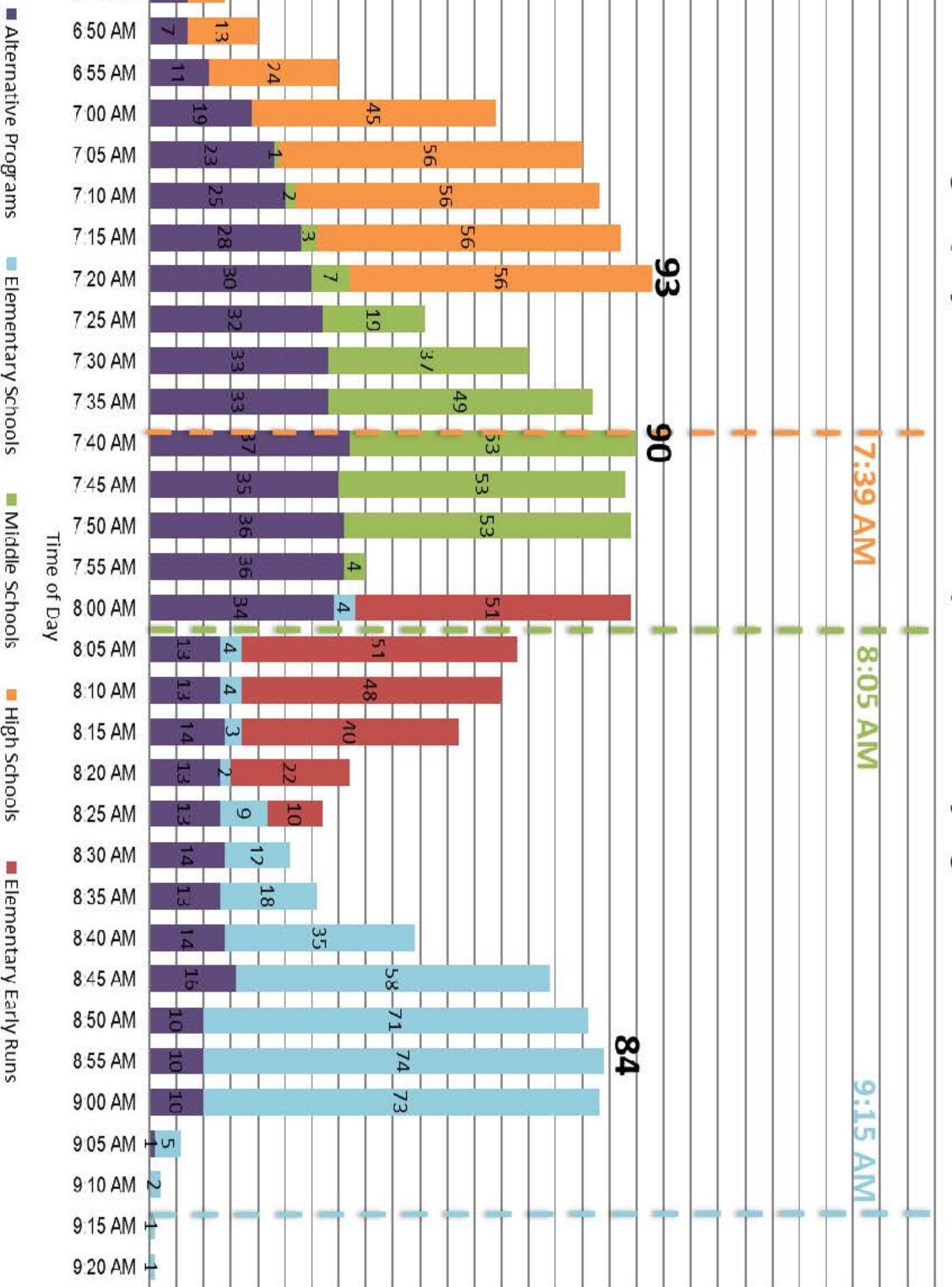
High School 6:47

Middle School 6:41

Elementary 6:00

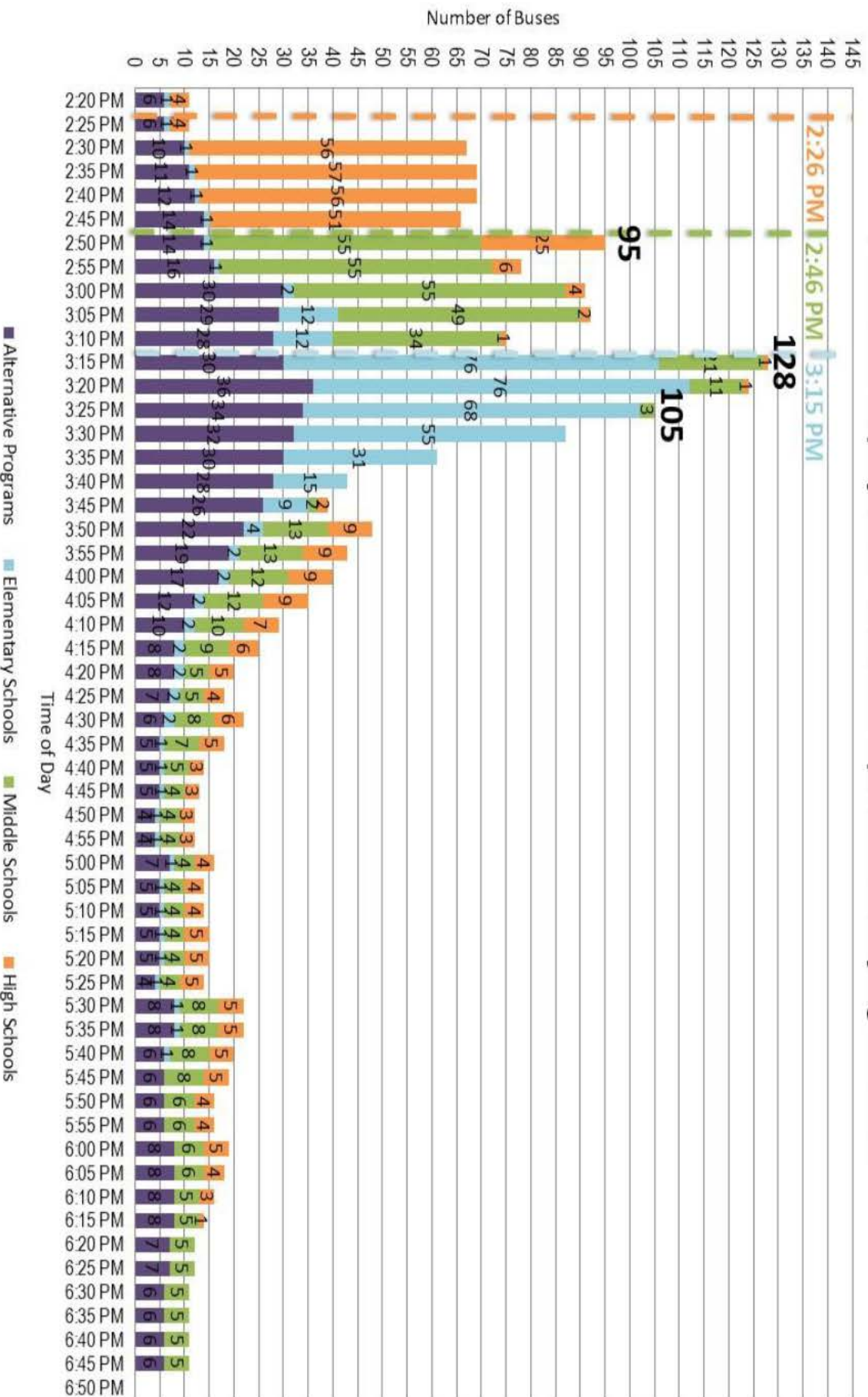
Current Transportation/Bell Schedule

Morning Deployment - Buses in Operation Carrying Students



Current Transportation/Bell Schedule

Afternoon Deployment - Buses in Operation Carrying Students



Options Developed by Consultant

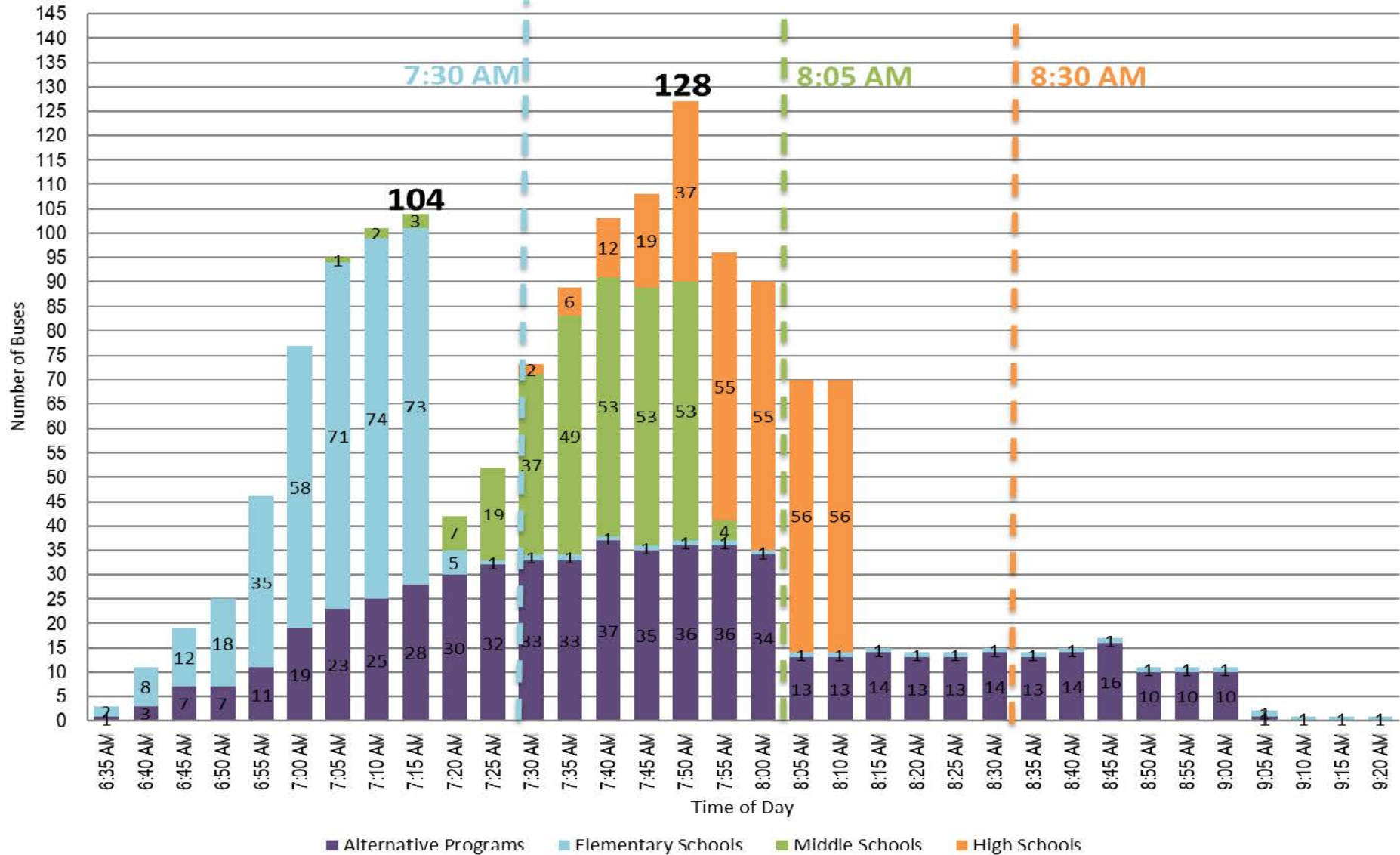
- Option 1 – Switch High School and Elementary School
 - Increases morning peak deployment from 93 to 128 buses.
 - Decreases afternoon peak deployment from 128 to 104 buses.
 - 8:30 a.m. start time for High School
- Option 2 – Option 1, plus delay middle school by 5 minutes.
 - Morning peak deployment increases from 93 to 108 buses (vs. 128 in Option 1).
 - Afternoon peak deployment decreases from 128 to 95 buses (less than 104 in Option 1).
 - Less costly than Option 1.
- Option 3 – Have high school replace the elementary early run.
 - Morning deployment remains essentially unchanged (126 vs. 128 buses).
 - Afternoon deployment increases sharply from 128 to 179 buses.

Options Developed

	Start	End	Length of Day
Current			
High School	7:39 am	2:26 pm	6:47
Middle	8:05 am	2:46 pm	6:41
Elementary	9:15 am	3:15 pm	6:00
Option 1			
Elementary	7:30 am	1:30 pm	6:00
Middle	8:05 am	2:45 pm	6:40
High School	8:30 am	3:17 pm	6:47
Option 2			
Elementary	7:30 am	1:30 pm	6:00
Middle	8:00 am	2:41 pm	6:41
High School	8:30 am	3:17 pm	6:47
Option 3			
Middle	8:05 am	2:46 pm	6:40
High School	8:30 am	3:17 pm	6:47
Elementary	9:15 am	3:15 pm	6:00

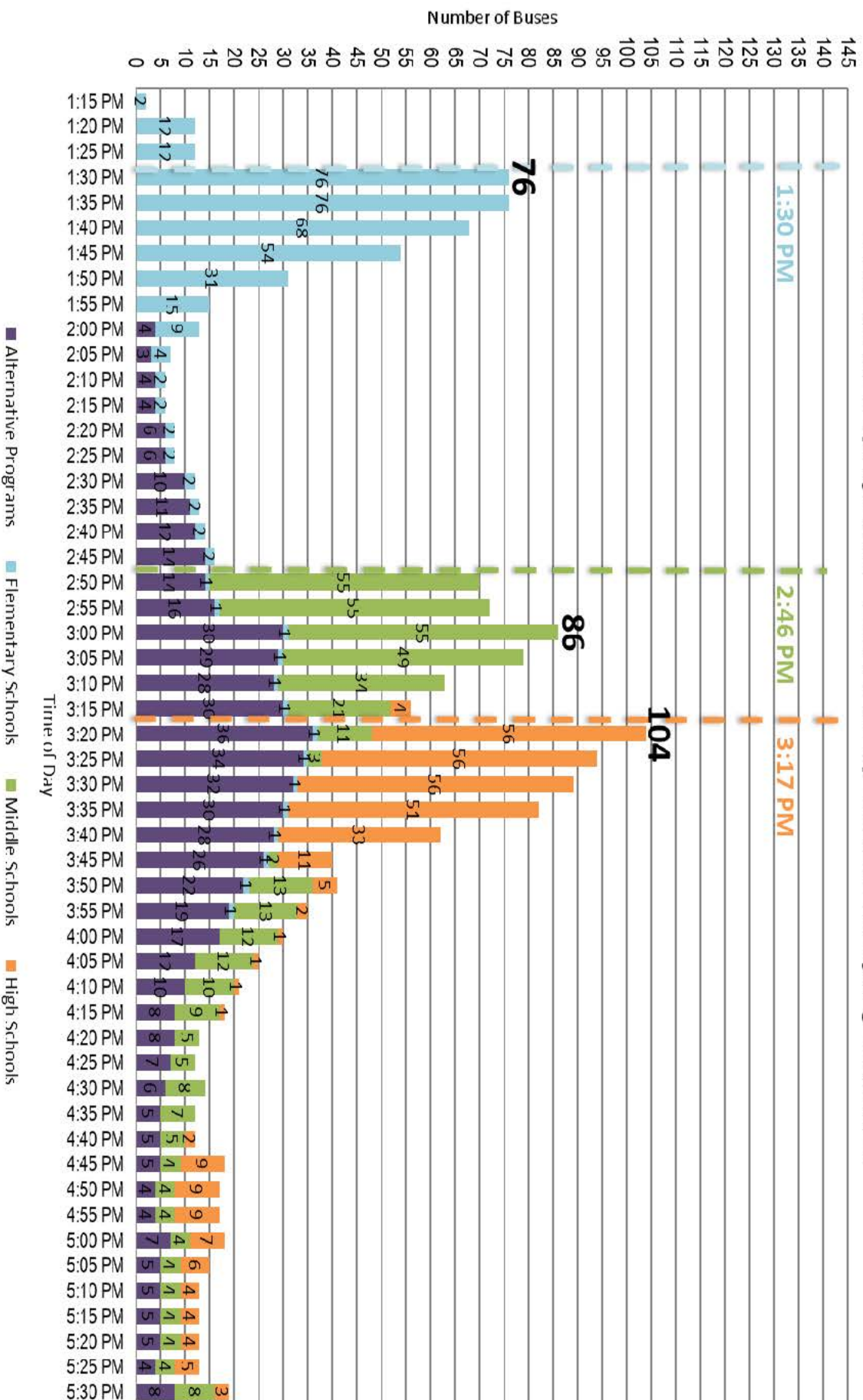
Option 1 - AM

Morning Deployment - Buses in Operation Carrying Students



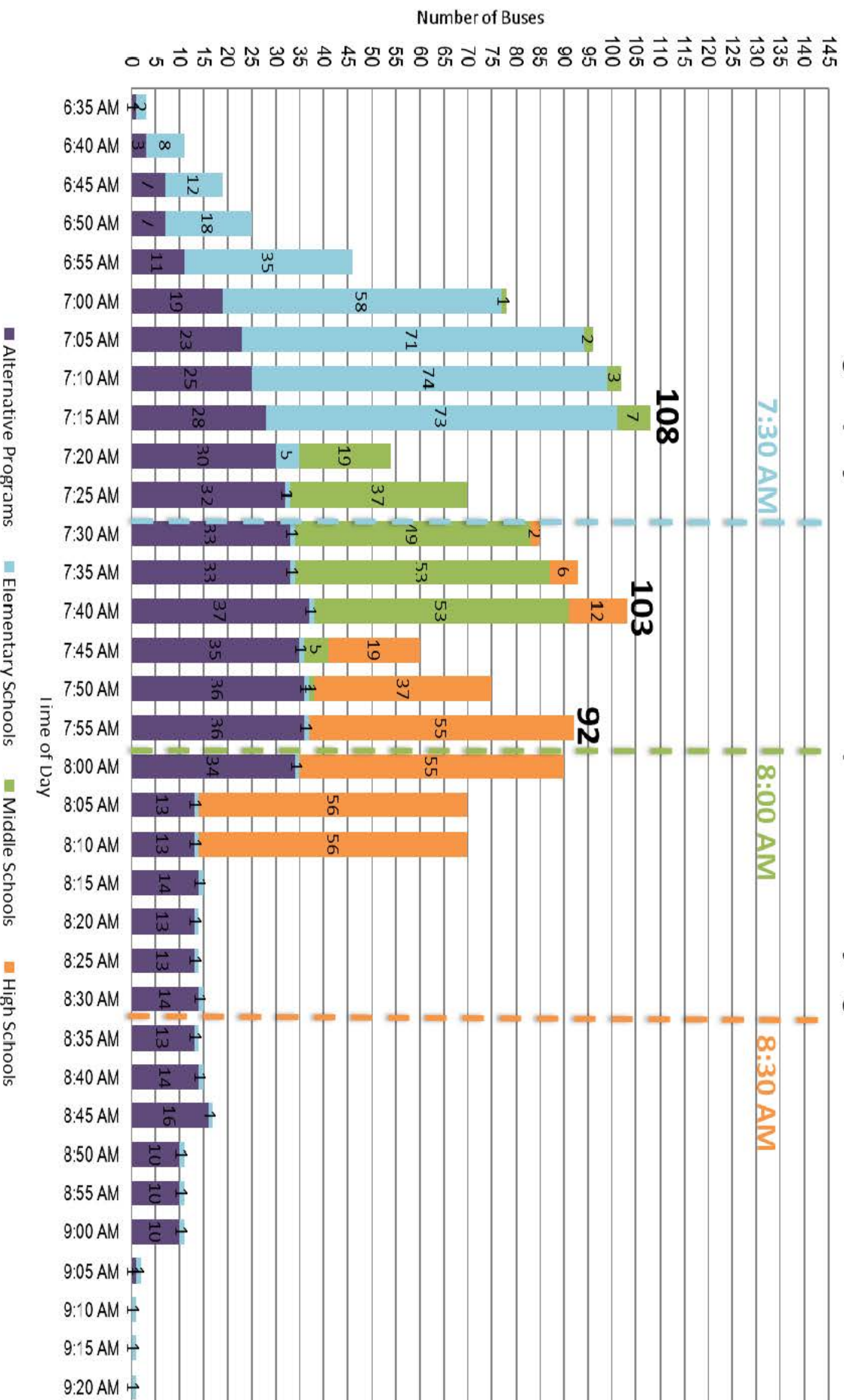
Option 1 - PM

Afternoon Deployment - Buses in Operation Carrying Students



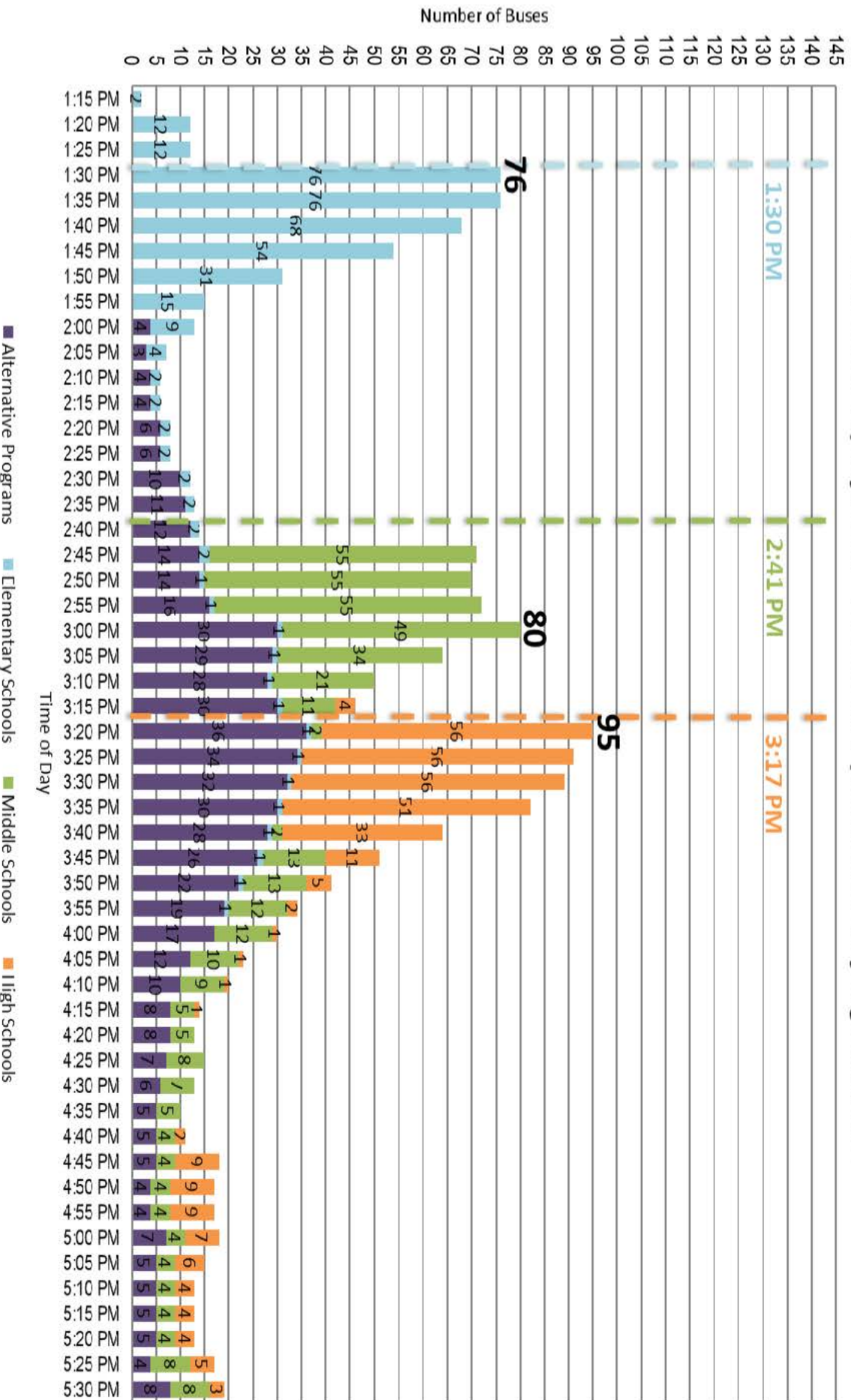
Option 2 - AM

Morning Deployment - Buses in Operation Carrying Students



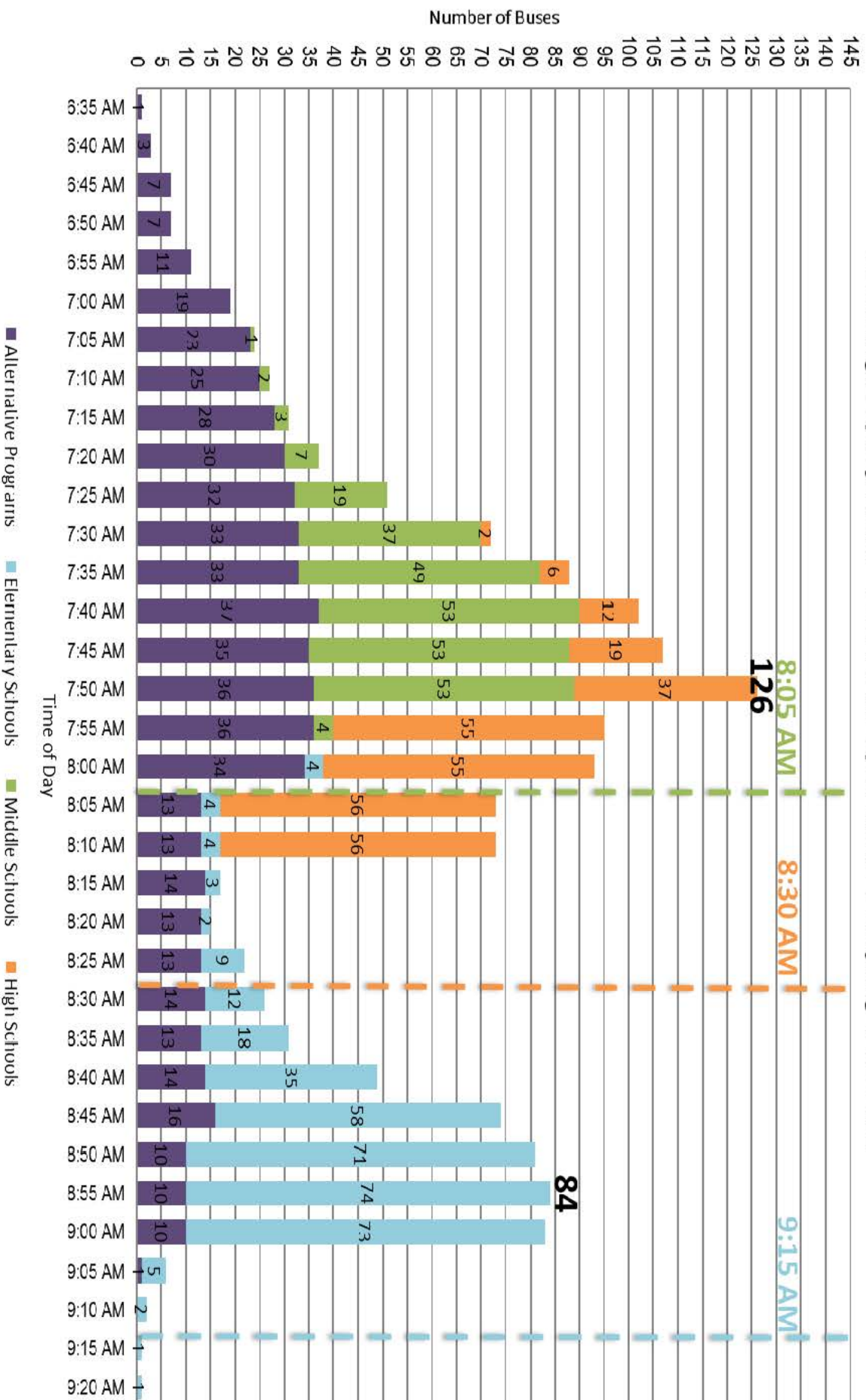
Option 2 - PM

Afternoon Deployment - Buses in Operation Carrying Students



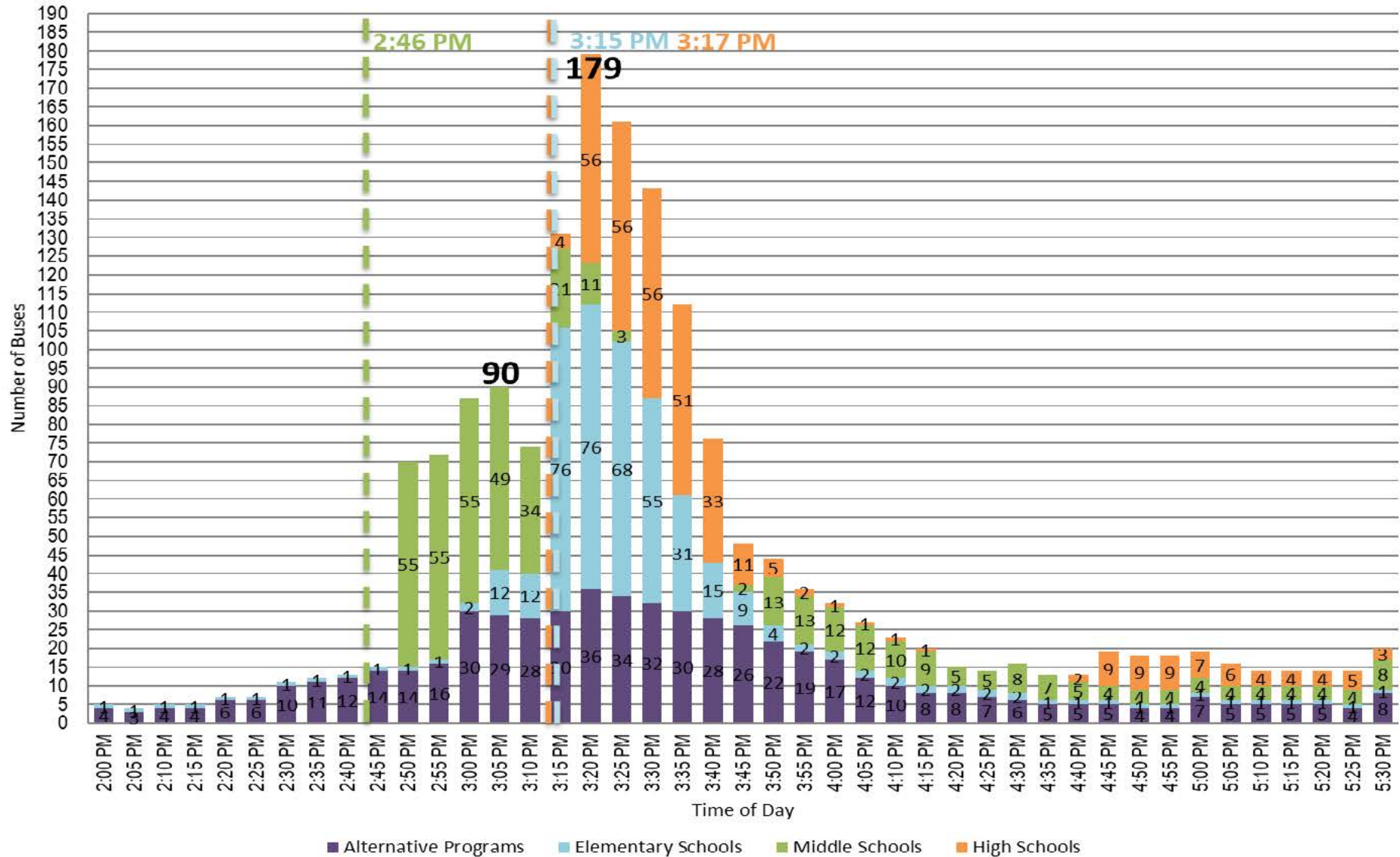
Option 3 - AM

Morning Deployment - Buses in Operation Carrying Students



Option 3 - PM

Afternoon Deployment - Buses in Operation Carrying Students



Critique

- Option 1 – Switch High School and Elementary School
 - Pros - More efficient, delays high school start 51 minutes
 - Cons – Requires early elementary start, and early afternoon dismissal likely requires elementary after school programming
- Option 2 – Option 1, & change middle school by 5 minutes
 - Pros – Even more efficient than Option 1
 - Cons – Same as Option 1
- Option 3 – High school replaces the elementary early run.
 - Pros – Achieve later high school start with less disruption to elementary schedule.
 - Cons – Would eliminate early elementary bus run. Afternoon inefficient, would increase costs.

Next Steps

- Develop additional options
- Seek public feedback on options