

# Proposed Later High School Bell Times

What would it look like if High School Started Later in the Day?



A Study for NTPS



# Friendly Reminder

- ▶ Decisions are not being made at this time
- ▶ We are in learning and collaboration mode
- ▶ The examples shared are examples - not an indication of any decisions that have been made
- ▶ Please mute your mic
- ▶ Please use the chat box

# General Education Route Averages



\$135,000 - \$150,000

9-12 months for delivery

51 Route buses

23 Spare buses

Approx. 5-10 Gen Ed Buses  
Out of Service in shop per  
day

- **95 - Number of Gen Ed High School Routes (AM/Shuttle/PM)**
    - 40 - Average Student Per Bus (high is 66)*
    - 37 Min - Average route time (high is 67)*
    - 18 out of 95 routes have more than 52 students (2 per seat)*
  - **103 - Number of Gen Ed Middle School Routes (AM/Shuttle/PM)**
    - 47 - Average Student Per Bus (high is 72)*
    - 39 Min - Average route time (high is 73)*
    - 30 out of 103 routes have more than 52 students (2 per seat)*
  - **135 - Number of Gen Ed Elementary School Routes (AM/Shuttle/PM)**
    - 56 - Average Student Per Bus (high is 78)*
    - 32 Min - Average route time (high is 71)*
    - 90 out of 135 routes have more than 52 students (2 per seat)*
- \*\*Some drivers have more than one ES they drive for*

# Special Needs Route Averages



\$95,000

9-12 months for  
delivery

39 Route buses

9 Spare buses

Approx. 5 Gen Ed

Buses Out of Service in  
shop per day

- **38 - Number of Special Needs High School Routes (AM & PM)**  
4 - Average Student Per Bus (high is 9)  
42 Min – Average route time (high is 52)
- **28 - Number of Special Needs Middle School Routes (AM & PM)**  
5 - Average Student Per Bus (high is 10)  
48 Min – Average route time (high is 56)
- **148 - Number of Special Needs Pre-K – 5th Routes (AM & PM)**  
6 - Average Student Per Bus (high is 12)

# of Buses with this config.	# of Benches	# of seat Belts	# W/C	Capacity	Capacity @ 1 per seat	Capacity at every other Seat
2	4	8	2	10	6	4
1	5	10	1	11	6	4
11	6	12	1	13	7	4
2	6	14	1	15	7	4
6	6	15	1	16	7	4
3	6	15	2	17	8	5
4	6	18	1	19	7	4
1	7	14	0	14	7	4
1	7	14	2	16	9	6
1	7	21	1	22	8	5
1	8	16	0	16	8	4
5	8	16	2	18	10	6
4	8	21	1	22	9	5
1	9	18	2	20	11	7
1	10	29	0	29	19	5
4	12	24	0	24	12	6

# Number of Active Riders the last 30 Days of Spring

High School	Gen Ed Riders	Spec Program Riders	Middle School	Gen Ed Riders	Spec Program Riders
NTHS	684	67	AMS	192	1
TLHS	620	27	CMS	585	37
RRHS	699	33	KMS	532	18
SSHS	23	1	NMS	618	35
			SMS	535	26
Elem School					
CPES	268	26			
EFES	294	20			
HZES	146	37			
LCES	149	31			
LHES	256	29			
LKES	437	28			
MDES	414	77			
MVES	264	123			
OVES	371	19			
PGES	344	19			
SBES	488	22			
SOES	250	41			
WDES	296	25			



# Elementary Bell Times

7:15 am – 1:45 pm

8:00 am – 2:30 pm

<b>ELEMENTARY # Tier 1</b>	<b>ELEMENTARY Tier #2</b>
LAKES	WOODLAND
SOUTH BAY	LACEY
EVERGREEN FOREST	HORIZONS
<b>MOUNTAIN VIEW</b>	OLYMPIC VIEW
<b>PLEASANT GLADE</b>	CHAMBERS PRAIRIE
<b>SEVEN OAKS</b>	LYDIA HAWK
<b>MEADOWS</b>	

- **All four “pre-school sites” are on tier # 1**
- Pre-School Bell times are 9:20-11:50, 1:10- 3:40
  - (No change)
- *We would move away from the restrictive 4 tier elementary schedule we currently have now.*



# HS & Middle School Bell Times

8:40 am – 3:10 pm

9:30 am – 4:00 pm

<b>High School</b>	<b>Middle School</b>
North Thurston	Chinook
Timberline	Komachin
River Ridge	Nisqually
<b>South Sound 8:50am – 2:50pm</b>	Salish
	<b>Aspire 9:00am – 3:30pm</b>

- The time intervals for SSHS and AMS is the same amount of time we currently have.

Time Range: From 6am To 6pm

Monday Tuesday Wednesday Thursday Friday

Color Codes Route Set

Item Color

- 1 McV AFTER SCHOOL
- AMS AM
- AMS PM
- CC CMS
- CC LHE
- CC NMS

Route Commands

Bus Commands

- New Bus
- Assign Buses
- Interchange Buses
- Garage Decisions

Unscheduled Routes (86)

Item	6am	7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm
A - AM	40 35 NM	13 4 32 1		4 11			129pa 104ppM	45 LI 14C	08 14C			35CC L	
B - AM	G - A tra	35 3 1	2 11				122pa 33ppM	46 L 38 A				21CC PGE	
C - AM	H - AM	2					13pa 133	43 2				12-McV	
D - AM	I - AM	18					50p. N	42 35 A					
E - AM	J - AM	1					116 116ppM	49 I					
F - AM	K - AM	52					137paM50ppM	17 NT 34 NM					
	L - AM	06					3 106ppMVE						

Scheduled Routes (486)

Bus	Capacity	Contractor	6am	7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm
92	78														
93	78														
94	78		22 PG	44 14 I	14 CMS					22 I 44	14	14 CMS			
79	78		23 SBE	15 NT A	15 S					23 SBE	15 NT F	15 S			
80	78		20 SB	16 N						20 SB	16 NT	28 NT F			
81	78		05 MDE	17 N	17 C					05 MDE	17 I	17 CN			
82	78		24	18 N	18 SM					24 S	18 N	18 SMS			
95	78		16 F	19 N	19 CMS					16	19 NT	19 CMS P			
96	78		19 SBE	20 NT	20 CMS					19 SBE F	20 NT	20 CMS			
97	78		42 EFE	21	21 I					42 EF	21 I	21 I			
86	78		17 SB	22 N	22 CN					17 SBI	22 N	22 CMS P			
52	78		11 S	23 N	23					11 SBI	23 N	23			
87	78		31 I	24 NT A	35 A					31 LK	24 NT	35 I			
88	78		08 EF	25 NT						08 EPI	25 NT				
53	78														
54	78		25 SBE	53 N	25 CMS					25 SBE P	53 N	25 CMS			
89	78		21 I	34 48	48 N					21 I 34	48 N	48			
55	78		15 SBE A	58 I						15 SBE	58 I	24 CMS P			
57	78		14 SB	55 NT						14 SBE	55 NT				
90	78														
58	78		new	43 29	29					43 I 29	29	29 I			
132	78		33	36 W	30	30 KN				36 W 30	30 KN				
133	78			31 THS	31 KN					31 TH	31 KN				
134	78		48	13 32	49 NM					48 13 32	49 NMS				
135	78		33	33 THS	33 I					33 TH	33 K				
136	78		38 LKE	38 34 T	11 2					38 I 34	2 I				
TRNG - 1	78		26 LKE		35						35				
TRNG - 2	78		49 LK	26 36 TH	36					49 I 26	36 TH	36			
TRNG - 3	78		50 I	37 W	37 T	28				50 M 37 W	37 T	28 I			
TRNG - 4	78			01 33 T							01 33				
TRNG - 5	78			52 39	39					52 39	39 T	39			
1860	78			30 H	40	50 I				30 H	40 TH	50 KM			
1861	78			29 I	52 I	42 NM				29 I 52 I	42 NI				
1862	78														
1863	78														
1865	78														
1864	78														

Bus Route	Description	Pickups	Contractor
Start Time	Route Set	Dropoffs	AM Driver
End Time	Anchor	Transfers On	Middy Driver
Route Time	Days	Transfers Off	PM Driver
Anchor Sit Time	Overnight Gar.	Loads: Max Wgt	Route Pair
	Middy Gar.	Largest Bus Capacity	Package Number

Select area between two routes to assign a garage decision. Active Command: Garage Decisions

1<sup>st</sup> Elementary School is 7:15 am.

Increase from current operations is

- 1 Gen Ed Route
  - 3 Special Needs Routes
- Estimated cost of \$800,000**

*\*\* With COVID Cleaning time built in this could require about 12 additional routes (increase of about \$2.4 Million)*

39 Drivers with at least three schools = 6-8 hours for drivers per day – Better Driver retention



# Other Considerations We Tried to Develop

- Elementary Schools on Three Tiers
- Elementary Schools starting at 7:30am
- Elementary starts first, middle school second and high school last
- High School starting at 8:30am

Time Range			Monday													
From 6am			Tuesday													
To 6pm			Wednesday													
			Thursday													
			Friday													
Color Codes			Route Set													
Item			Unscheduled Routes (86)													
			6am	7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm	
Buses (104 out of 142 used)			Scheduled Routes (486)													
Bus	Capacity	Contractor	6am	7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm	
TBD	200		48 S	01 RR	51 F					48	01 RR	01 F				
19	84		46 L	02 FF						46	02 RF					
20	84		41 L	04 F						41	04 RR	4				
22	84		02 DV	05	05 SM					02 C	05	05 St				
67	79		06	0	45 CMS					06 I	0	45 CMS P				
6	78		12 S	07 F						12	07 R	07 S				
7	78		44 L	08 RF						44 S	08 RI					
9	78		43 L	5						43	5					
14	78		50 L	10						50 F	11					
17	78		38 L	11 F	32	11				38	11 RI	11				
18	78		26 LKE	13							13	28 NT F				
21	78		50 LKE	09							09	26 NT F				
23	78		40	12						40	12 F	27 NT P				
29	78		39	47 F						39	47 R					
30	78		37 L	57 F						37	57 R					
38	78		07	54 RR	49 N					07	54 RR	48				
39	78		34 L	41						34	41	24 CMS P				
40	78		50 L	58						50 M	58					
41	78															
42	78															
43	78		09 E		12 F					09 E F E	12 F					
44	78		18 DV	4						18 DV	4					
50	78		27 C		13 S					27 DV	13					
56	78		51 E F A	06						51 E F F	06 F					
60	78		53 C	45 S						53 DV	46 S					
61	78		12 LL	04 N						12 L	04 F					
65	78		32 C F	33 F						32 C P E F	33 K					
66	78		47 L		21 F					47	21 F					
76	78		42 E F E	08 N M S A						42 E F	08 N M S F					
99	78		08 E F	53 N M S						08 E F	53 N M					
100	78		13	32	49 N M					13	32	49 N M S				
106	78		new 48	41						48	41					
83	78		05 M D E	02 S M						05 M D E	02 S M					
84	78		04 L H	47 S M						04 L	47 S					
85	78		38 L K E	1	51 S M					10 I	51 S M					
91	78		10		09					10	0					
92	78		38		39					3	39					
93	78		30 F		31 K N					30 H	31 K M					
94	78															
79	78		19 S B E	20 N T	20 C M					19 S B E F	20 N T	20 C M S				
80	78		new 14	34	21					3	21					
81	78		17 S E	22 N	22 C M					17 S B I	22 N	22 C M S P				
82	78		11 S	23 N	23					11 S D I	23 N	23				

If we Moved 1<sup>st</sup> Elementary School to 7:30 am; just a 15 min difference.

Created **13** additional General Education routes for a total of at least **65** routes. Increase of \$2.6 Million

*\*\* With COVID Cleaning time built in this could require about 18 additional routes (increase of about \$3.6 Million)*

Only **28** routes able to serve three schools – as opposed to 39 when the start time is 7:15 am changes drivers time to 4-6 hours a day

COVID has shown us that our staff can not survive on 4 hours a day, will impact driver retention

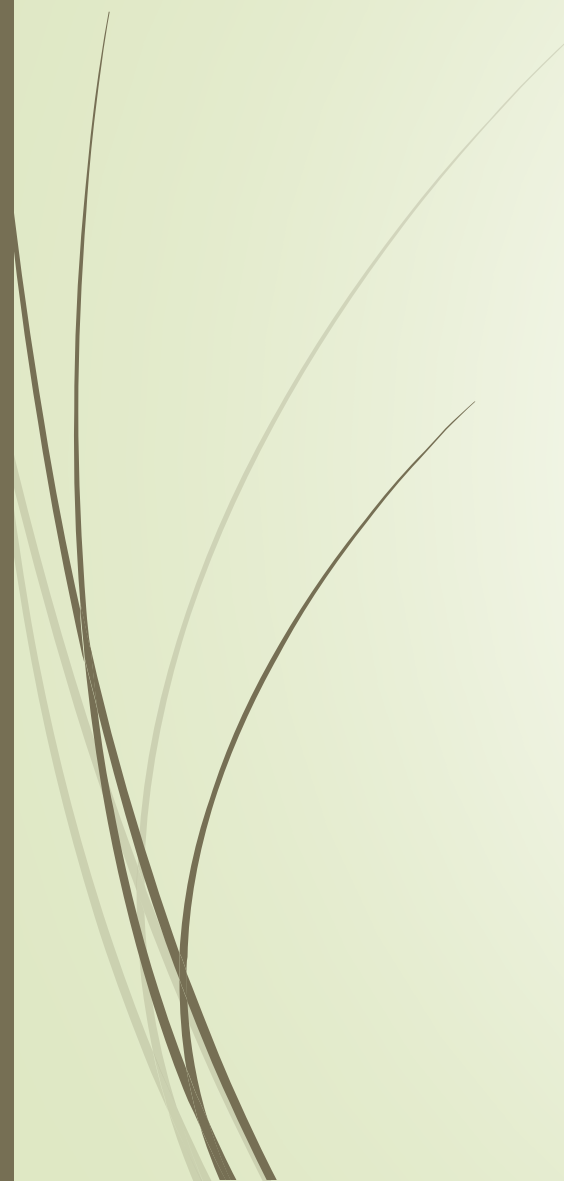
Bus Route	Description	Pickups	Contractor	Start Location
Route Set	Route Set	Dropoffs	AM Driver	End Location
Start Time	Anchor	Transfers On	Midday Driver	
End Time	Days	Transfers Off	PM Driver	
Route Time	Overnight Gar.	Loads: Max	Route Pair	Package Number
Anchor Sit Time	Midday Gar.	Wgt		
		Largest Bus Capacity		

Active Command: None



## Notes to Consider for additional changes

- New Market times will not match up with our HS bell times in AM and PM.  
New Market times:
  - *AM Session 7:50am - 10:20am*
  - *PM Session 11:10am - 1:40pm*
- Sports Impact - HS
  - Athletes may lose more class time to leave earlier for sports.
  - May not work with the leagues they play on
  - Could be competing for fields with our own Middle Schools.
- Field Trips
  - Best time for trips will be 9:30 am – 1:15pm
  - Limited availability for extra buses after 1:15 pm
- ELL – Changes in shuttle and direct transport
- AMS – Changes in shuttle for AM
- B&G – Can now possibly provide bus service for all schools



<b>Current Additional Services Provided</b>			<b>Changes due to proposed model:</b>	
<b>Pick ups prior to 6:30am</b>	<b>321</b>		<b>Pick ups prior to 6:30am</b>	<b>591</b>
<b>Drop off after 4:45 pm</b>	<b>137</b>		<b>Drop off after 4:45 pm</b>	<b>235</b>
			<b>Eased bus loads at</b>	<b>NTHS</b>
				<b>RRHS</b>
				<b>LKES - AM</b>
				<b>PGES - AM</b>
			<b>Opportunity to revise routes for better efficiency &amp; even loads</b>	<b>ALL SCHOOLS</b>



Thank you

Questions?

