

# Optimizing Bell Times for Better Student Outcomes & Operational Efficiency

Killeen Independent School District



# What is a Tiered Bell Schedule?

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A tiered bell schedule staggers school start and end times across different groups of schools



Allows the same buses to service multiple schools in a sequence, optimizing transportation resources



Tiers are often based on school levels (e.g., elementary, middle, high schools)

# Why Change is Necessary?

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Current schedules create tight time windows which cause transportation delays



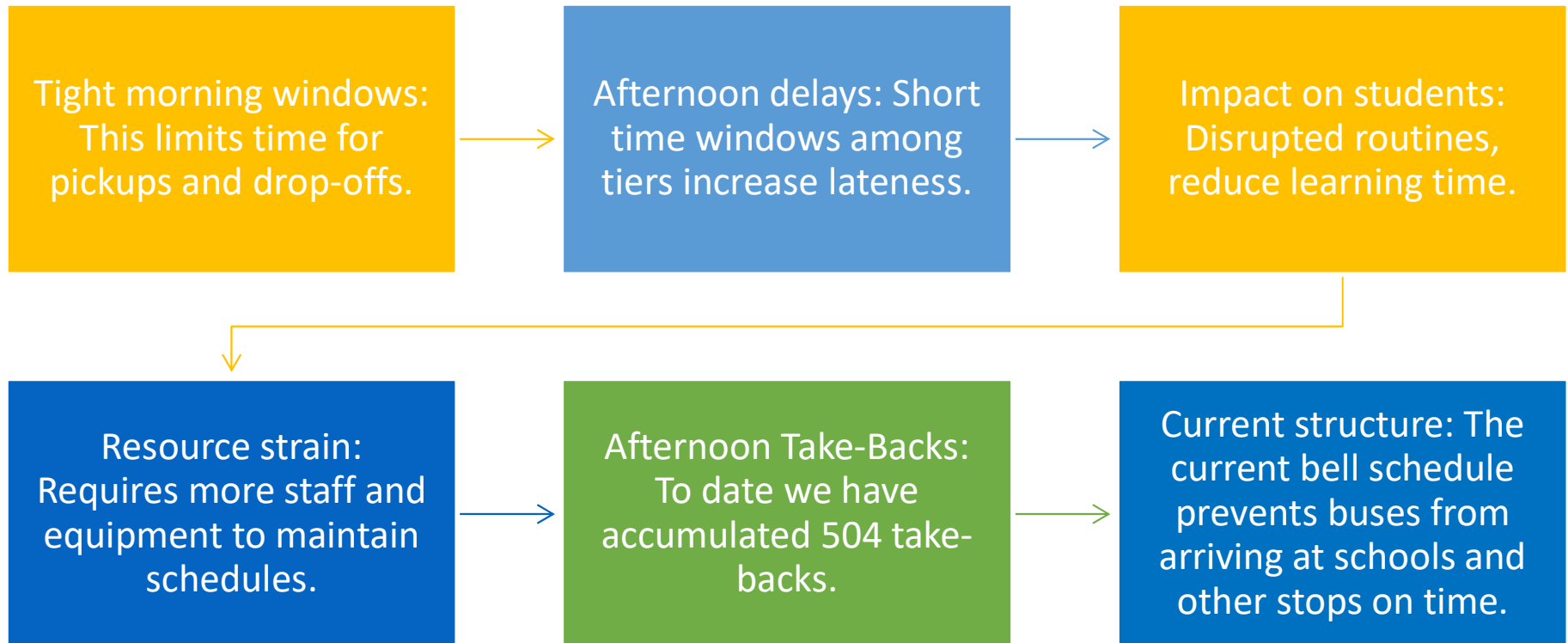
Adjusting start or end times will improve on-time arrivals and departures across the District



Focus on creating a more efficient and family-friendly transportation system

# Key Challenges in the Current Bell Schedule

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# A More Efficient System for Students and Families

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Improved On-Time Arrivals: Creates buffer time for subsequent tiers



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graph TD; A[Improved On-Time Arrivals: Creates buffer time for subsequent tiers] --> B[Reduced Transportation Delays: Ensures smoother operations]; B --> C[Better Student Experience: Timely arrivals enhance focus on learning and reduces stress and anxiety]; C --> D[Enhanced Family Routine: Create predictable timelines that support consistency and build trust];
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Reduced Transportation Delays: Ensures smoother operations

Better Student Experience: Timely arrivals enhance focus on learning and reduces stress and anxiety

Enhanced Family Routine: Create predictable timelines that support consistency and build trust

# Current Bell Schedule

CURRENT 24 - 25	BUS ARRIVAL TIME		SCHOOL START	SCHOOL END		BUS DEPARTURE TIME
TIER 1 Elementary Schools	7:00am		7:30am	3:00pm		3:07pm
TIER 2 Elem/Middle Schools	7:30am	<b>30m</b>	8:00am	3:30pm	<b>23m</b>	3:37pm
TIER 2.5 Elem	7:55am	<b>25m</b>	8:25am	3:55pm	<b>18m</b>	4:02pm
TIER 3 High Schools	8:00am	<b>5m</b>	8:45am	4:15pm	<b>13m</b>	4:24pm
TIER 4 Special Programs			9:00am	4:30pm		4:39pm

# Consideration “A” Bell Schedule



CONSIDERATION A (Additional 7 mins)	BUS ARRIVAL TIME		SCHOOL START	SCHOOL END		BUS DEPARTURE TIME
TIER 1 Elementary Schools	6:45am		7:15am	2:52pm		2:59pm
TIER 2 Elem/Middle Schools	7:25am	40m	8:00am	3:37pm	38m	3:44pm
TIER 3 High Schools	8:05am	40m	8:43am	4:20pm	36m	4:29pm
TIER 4 Special Programs			9:00am	4:30pm		4:39pm

# Consideration “B” Bell Schedule

<b>CONSDIERATION B (Additional 7 mins)</b>	<b>BUS ARRIVAL TIME</b>		<b>SCHOOL START</b>	<b>SCHOOL END</b>		<b>BUS DEPARTURE TIME</b>
<b>TIER 1 Elementary Schools</b>	7:00am		7:30am	3:07pm		3:14pm
<b>TIER 2 Elem/Middle Schools</b>	8:10am	<b>40m</b>	8:40am	4:17pm	<b>38m</b>	4:24pm
<b>TIER 3 High Schools</b>	8:50am	<b>40m</b>	9:25am	5:02pm	<b>36m</b>	5:11pm
<b>TIER 4 Special Programs</b>			9:40am	5:10pm		5:19pm



# Current vs. Consideration “A” Bell Schedule

## BELL SCHEDULE

CURRENT 24 - 25	BUS ARRIVAL TIME		SCHOOL START	SCHOOL END	BUS DEPARTURE TIME	
TIER 1 Elementary Schools	7:00am		7:30am	3:00pm		3:07pm
TIER 2 Elem/Middle Schools	7:30am	<b>30m</b>	8:00am	3:30pm	<b>23m</b>	3:37pm
TIER 2.5 Elem	7:55am	<b>25m</b>	8:25am	3:55pm	<b>18m</b>	4:02pm
TIER 3 High Schools	8:00am	<b>5m</b>	8:45am	4:15pm	<b>13m</b>	4:24pm
TIER 4 Special Programs			9:00am	4:30pm		4:39pm

BELL SCHEDULE A (Additional 7 mins)	BUS ARRIVAL TIME		SCHOOL START	SCHOOL END	BUS DEPARTURE TIME	
TIER 1 Elementary Schools	6:45am		7:15am	2:52pm		2:59pm
TIER 2 Elem/Middle Schools	7:25am	<b>40m</b>	8:00am	3:37pm	<b>38m</b>	3:44pm
TIER 3 High Schools	8:05am	<b>40m</b>	8:43am	4:20pm	<b>36m</b>	4:29pm
TIER 4 Special Programs			9:00am	4:30pm		4:39pm

# Intent of Adjusting Bell Schedule

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Increase time for buses to complete routes

Align better with family schedules

Improve punctuality and enhance academic readiness

Consistently arrive and depart on times

# A Better Future for KISD

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Adjusting start or end times support a more efficient system focused on students and families



Reduces delays, improves learning outcomes, and enhances daily routines



Together, we can create a transportation system that meets the needs of our district

# Outcomes of an Improved Tiered Bell Schedule

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Optimized Bus Usage: Fewer buses are needed as each bus serves multiple routes.

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Improved Punctuality: More time between tiers allows for reliable arrival and departure times.

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Enhanced Student Experience: Students arrive on time, reducing stress and improving readiness.

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Predictable Schedules: Families benefit from consistent and manageable routines.

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Operational Efficiency: Reduces the strain on human capital and district resources.