



ANDOVER PUBLIC SCHOOLS

School Start Time Update

October 10, 2019

IN-DISTRICT STUDENT TRANSPORTATION ROUTING ANALYSIS

- This fall, the Town of Andover conducted a request for proposals for an in-district student transportation routing analysis and entered into a contract with Edulog
- Edulog will analyze current in-town regular education and special education transportation routes for efficiencies and make recommendations for maximizing the utilization of bus tiers and routes
- Edulog will also review route scenarios and provide cost options for each scenario

PARAMETERS FOR ROUTING SCENARIOS

All Andover busing	Regular Education, Special Education & Private Schools
Reflect latest possible pick up times	<ul style="list-style-type: none">○ Elementary & Middle Schools: 15 minutes prior to start time○ High School: 20 minutes prior to start time
Traffic Patterns	<ul style="list-style-type: none">○ Consider rush hour and traffic at school sites.
Provide end of school day routing	<ul style="list-style-type: none">○ Middle and High schools released 6 hours and 35 minutes after the start time.○ Elementary schools released 6 hours and 30 minutes after the start time.
Consider efficiencies in time between elementary and secondary	<ul style="list-style-type: none">○ By investing in incremental additional buses above and beyond○ Eliminating the second bus runs in each of the tiers

All routes should provide the most efficient and timely pick-up and drop-off of students.

SCOPE OF WORK AND SCENARIOS FOR ROUTING

Detailed Routing - Status quo	For current two-tier busing of students, including second runs, in the database while maintaining the current number of buses.
Detailed Routing - Flip	Detailed routing for two-tier, including second bus runs, for busing of students <ul style="list-style-type: none">○ Middle & High School start time of 8:30 a.m.○ Earlier elementary start time, to be set as late as possible by the efficiency of the busing system using the current number of buses.
Detailed Routing- Flip with extra buses	Detailed routing for two-tier busing of students <ul style="list-style-type: none">○ Which eliminates the current second bus runs○ Adds estimated additional buses and/or size of buses○ To accomplish middle and high school start time of 8:30 a.m.○ Earlier elementary start time, to be set as late as possible by the efficiency of the busing system.

SCOPE OF WORK AND SCENARIOS FOR ROUTING

Continued

Detailed Routing - Shift with extra buses	Detailed routing for two-tier busing of students <ul style="list-style-type: none">○ Eliminates the current second bus run○ Elementary start time of 9:15 a.m.○ Middle and high school start time set before elementary, based on the efficiency of the busing system
Detailed Routing - Flip with 3 tiered busing	Detailed routing for a three-tier busing system <ul style="list-style-type: none">○ Elementary students first, middle school students second, and high school students third○ High school start time of 8:30 a.m. and elementary and middle school start times set based on the efficiency of the busing system
Detailed Routing - efficient Flip	Detailed routing with the number of buses and size of buses for start times <ul style="list-style-type: none">○ Elementary at 7:45 a.m.○ Middle and high school at 8:30 a.m.○ No student picked up before 7:00 a.m.

ANTICIPATED TIMETABLE

DATE	ACTION
September 23 rd -27 th	Project kick-off meeting with Edulog
September 30 th - October 11 th	Transportation data transfer to Edulog
October 14 th - October 25 th	Analysis of proposed routes with consideration of local traffic, weather and bell times
October 27 th -30 th	Final analysis of proposed routing
October 31st	Anticipated in-district transportation analysis summary from Edulog
November 21st	School Committee anticipates voting on school start times at regular School Committee meeting

OPPORTUNITIES FOR COMMUNITY FEEDBACK

DATE	ACTION
Wednesday, October 16 th at 7 PM	Community Forum at AHS Library/Media Center
Tuesday, October 29 th at 9 AM Saturday, November 16 th at 9 AM	Informal School Committee Forums at Memorial Hall Library
Thursday, October 24 th at 7 PM Thursday, November 7 th at 7 PM	School Committee Meetings
November 21st at 7 PM	School Committee anticipates voting on school start times at regular meeting

MORE INFORMATION / CONTACT

- For more information: <http://www.aps1.net/>
- All questions and feedback are valued. Please join us at a meeting and/or email: schoolstarttimes@andoverma.us