

Shrewsbury Public Schools

Transportation Update

October 11, 2017

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Topics

- Services & Contracted Providers
- Vehicles and Routes
- Contract and Rates
- System Changes: 2017-2018
- Ridership
- State Reimbursements
- FY18 Budget
- Future Considerations

Services & Contracted Providers

Service	Vendor	Notes
Regular day [aka Home to School]	AA Transportation	<ul style="list-style-type: none"> ▶ Shrewsbury Public Schools ▶ Assabet Valley Reg. Technical H.S. ▶ St. Mary, St. John's, Al-Hamra, Montessori
Out of District-Special Education	Assabet Valley Collaborative	▶ Private school placements throughout the state.
Athletic Competitions	AA Transportation	▶ High school and limited middle school events
Homeless Students	Varied	▶ Includes busing students sheltering in other towns back to SPS and students sheltering in Shrewsbury to other public school systems
Summer School	AA Transportation	For special education students with transportation in their IEP
Field Trips ["yellow bus"]	AA Transportation	Coach buses contracted separately for long trips or special events

Vehicles and Routes [“Regular Day Busing”]

- Vehicles
 - 41 , 77 seat buses
 - 38 for public & private schools
 - 3 for Assabet Valley Reg. Tech. H.S.
 - 6, 34 seat half-buses 3 with wheel chair lift
 - All equipped with two video cameras
 - All equipped with GPS devices with live monitoring of location, speed, stops
 - All equipped with two-way radios
 - All drivers also have cell-phone capacity in event of emergency
 - All model year 2011 or newer
- 254
- Total Routes
 - Morning = 119
 - Mid-day = 15
 - Afternoon = 120

Bus Utilization Chart

MORNING SCHEDULE						
					Spring Paton Floral Coolidge 8:45/9:00am	
		Private		Private Schools:		
		Assabet 7:49/7:50am	St. Mary's 7:45/8:00am	St. John's 7:50/8:05		Montessori 8:30 Al Hamra 8:15
	High Sch. 7:15/7:35am	Oak Middle 7:45/8:00am	Sherwood 7:50/8:00am	Parker Road (8:30) Lit. Colonials (8:15)		Beal/Beal West 9:00/9:15am
BUS #						
1	SHS		Oak/Sherwood			FLORAL
2	SHS		Oak/Sherwood			FLORAL
3	SHS		Oak/Sherwood			SPRING
4	SHS		Oak/Sherwood			SPRING
5	SHS		Oak/Sherwood			SPRING
6	SHS		Oak/Sherwood			FLORAL
7	SHS		Oak/Sherwood			PATON
8	SHS		Oak/Sherwood			PATON
9	SHS		Oak/Sherwood			BEAL
10			Oak/Sherwood			BEAL
11	SHS		Oak/Sherwood			FLORAL
12	SHS		Oak/Sherwood			SPRING
13			Oak/Sherwood			COOLIDGE
14	SHS		Oak/Sherwood			SPRING
15			Oak/Sherwood			COOLIDGE
17			Oak/Sherwood			BEAL
18	SHS		Oak/Sherwood			COOLIDGE
19	SHS		Oak/Sherwood			COOLIDGE
20	SHS		Oak/Sherwood			BEAL
21	SHS		Oak/Sherwood			SPRING
22	SHS		Oak/Sherwood			FLORAL
24	SHS		Oak/Sherwood			FLORAL
30			Oak/Sherwood			PATON
31			ST MARY'S / ST JOHN			BEAL
32	SHS		Oak/Sherwood			PATON
33	SHS		Oak/Sherwood			BEAL
34			ST MARY'S / ST JOHN			COOLIDGE
35			OAK MIDDLE / SHERWOOD MIDDLE SPED			BEAL SPED
36	SHS SPED		OAK MIDDLE / SHERWOOD MIDDLE SPED			COOLIDGE SPED
37	SHS SPED		PARKER ROAD PRESCHOOL			COOLIDGE SPED
38	AL-HAM RA		PARKER ROAD PRESCHOOL			PATON SPED
39			Oak/Sherwood			BEAL
40	SHS		Oak/Sherwood			BEAL
41			ST MARY'S / ST JOHN			BEAL
43			Oak/Sherwood			FLORAL
51	SHS		Oak/Sherwood			FLORAL
52	SHS		Oak/Sherwood			FLORAL
53	SHS		Oak/Sherwood			FLORAL
54			Oak/Sherwood			FLORAL
55			Oak/Sherwood			PATON
60			AL-HAMRA		MONTESORI	
61			ST MARY'S / ST JOHN		Parker Road	SPRING SPED
62			ST MARY'S / ST JOHN		MONTESORI	
63			EVOLUTION PROGRAM			PATON SPED
AV-1			ASSABET VALLEY			
AV-2			ASSABET VALLEY			
AV-3			ASSABET VALLEY			

Total	24 HS	33 OAK/SHERWOOD	5 ST MARY'S / JOHN	1 MONTESSORI	6 SPRING + 1 SPD
	2 HS SPD	2 M S SPD	3 PARKER ROAD PRESCHOOL	11 FLORAL	
		2 AL-HAMRA		5 COOLIDGE + 2 COOLIDGE SPD	
		3 ASSABET		5 PATON + 2 PATON SPD	
			1 EVOLUTION	9 BEAL + 1 SPD	
TOTAL AM ROUTES - 19					

MID-DAY SCHEDULE				
BUS #	Dismissal LII C 10:45am Parker AM 11:00am	Dismissal BEAL 11:50	Arrival Parker pm 12:00	Arrival BEAL 12:45
1		KP-IN		
2				
3				
4				
5				
6				
7				
8		KA-OUT		
9		KA-OUT		
10				
11				
12				
13				
14				
15				
17				
18				
19				
20				
21				
22				
24				
30		KA-OUT		
31		KP-IN		
32				
33				
34				
35			PARKER ROAD IN	
36	PARKER ROAD OUT			
37	PARKER ROAD OUT		PARKER ROAD IN	
38	BEAL SPED-OUT	PARKER ROAD OUT		
39		KP-IN		
40				
41				
43				
51				
52				KP-OUT
53				KP-OUT
54				
55				
60				
61	PARKER ROAD IN			
62				
63				
AV-1				
AV-2				
AV-2				

2 PARKER RD OUT		1 PARKER RD 1	
1 PARKER EAST OUT	3 BEAL KA OUT		2 BEAL KP IN
		1 PARKER EAST IN	
TOTAL MID DAY ROUTES = 5			

AFTERNOON SCHEDULE					
			Parker Road Parker Road East	Spring, Paton Coolidge, Floral 3:15pm	
		St. John's / St. Mary's both 2:20pm	2:30 Assabet	Private Schools: Montessori 3:30p Al Hamra 3:30pm	
	High Sch. Lil Col.	Oak Middle 2:35pm	2:42pm Sherwood	Beal/Beal West 3:30pm	
	2:00/2:10pm		2:35pm		
BUS #					
1	SHS		Oak/Sherwood	FLORAL	
2	SHS		Oak/Sherwood	FLORAL	
3	SHS		Oak/Sherwood	SPRING	
4	SHS		Oak/Sherwood	SPRING	
5	SHS		Oak/Sherwood	SPRING	
6	SHS		Oak/Sherwood	FLORAL	
7	SHS		Oak/Sherwood	PATON	
8	SHS		Oak/Sherwood	PATON	
9	SHS		Oak/Sherwood	BEAL	
10			Oak/Sherwood	BEAL	
11	SHS		Oak/Sherwood	FLORAL	
12	SHS		Oak/Sherwood	SPRING	
13			Oak/Sherwood	COOLIDGE	
14	SHS		Oak/Sherwood	SPRING	
15			Oak/Sherwood	COOLIDGE	
17			Oak/Sherwood	BEAL	
18	SHS		Oak/Sherwood	COOLIDGE	
19	SHS		Oak/Sherwood	COOLIDGE	
20	SHS		Oak/Sherwood	BEAL	
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30			Oak/Sherwood	PATON	
31		ST MARY'S / ST JOHN		BEAL	
32	SHS		Oak/Sherwood	PATON	
33	SHS		Oak/Sherwood	BEAL	
34		ST MARY'S / ST JOHN		COOLIDGE	
35		OAK MIDDLE / SHERWOOD MIDDLE SPED		BEAL SPED	
36	SHS SPED	OAK MIDDLE / SHERWOOD MIDDLE SPED		COOLIDGE SPED	
37	SHS SPED	PARKER ROAD		COOLIDGE SPED	
38		PARKER ROAD		BEAL SPED	
39		Oak/Sherwood		BEAL	
40	SHS	Oak/Sherwood		AL-HAMRA	
41		ST MARY'S / ST JOHN		MONTESSORI	
43		Oak/Sherwood		FLORAL	
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52	SHS	Oak/Sherwood		FLORAL	
53	SHS	Oak/Sherwood		FLORAL	
54		Oak/Sherwood		FLORAL	
55		Oak/Sherwood		PATON	
60		ST MARY'S / ST JOHN		AL-HAMRA ACADEMY	
61		PARKER ROAD OUT		SPRING SPED	
62		ST MARY'S / ST JOHN		MONTESSORI	
63		EVOLUTION		BEAL / PATON SPED	
AV-1		ASSABET			
AV-2		ASSABET			
AV-2		ASSABET			

Total	24 HIGH	33 OAM/SHSR	5 ST MARTYRS / JOHNS	6 SPRING + 1 SPED
	2 HB SPD	2 MS SPD	2 PARKER ROAD	11 FLORAL
	1 EVOLUTION PROGRAM			5 COOLIDGE + 2 COOLIDGE SPD
	1 PARKER EAST ROAD			5 PATON + 2 PATON SPD
	3 PARKER ROAD			7 BEAL + 3 SPD
				2 MONTESSORI
	5 ASSABET			2 AL-HAMRA
TOTAL PM ROUTES = \$0				

GRAND TOTAL OF ROUTES = 254

Contract and Rates

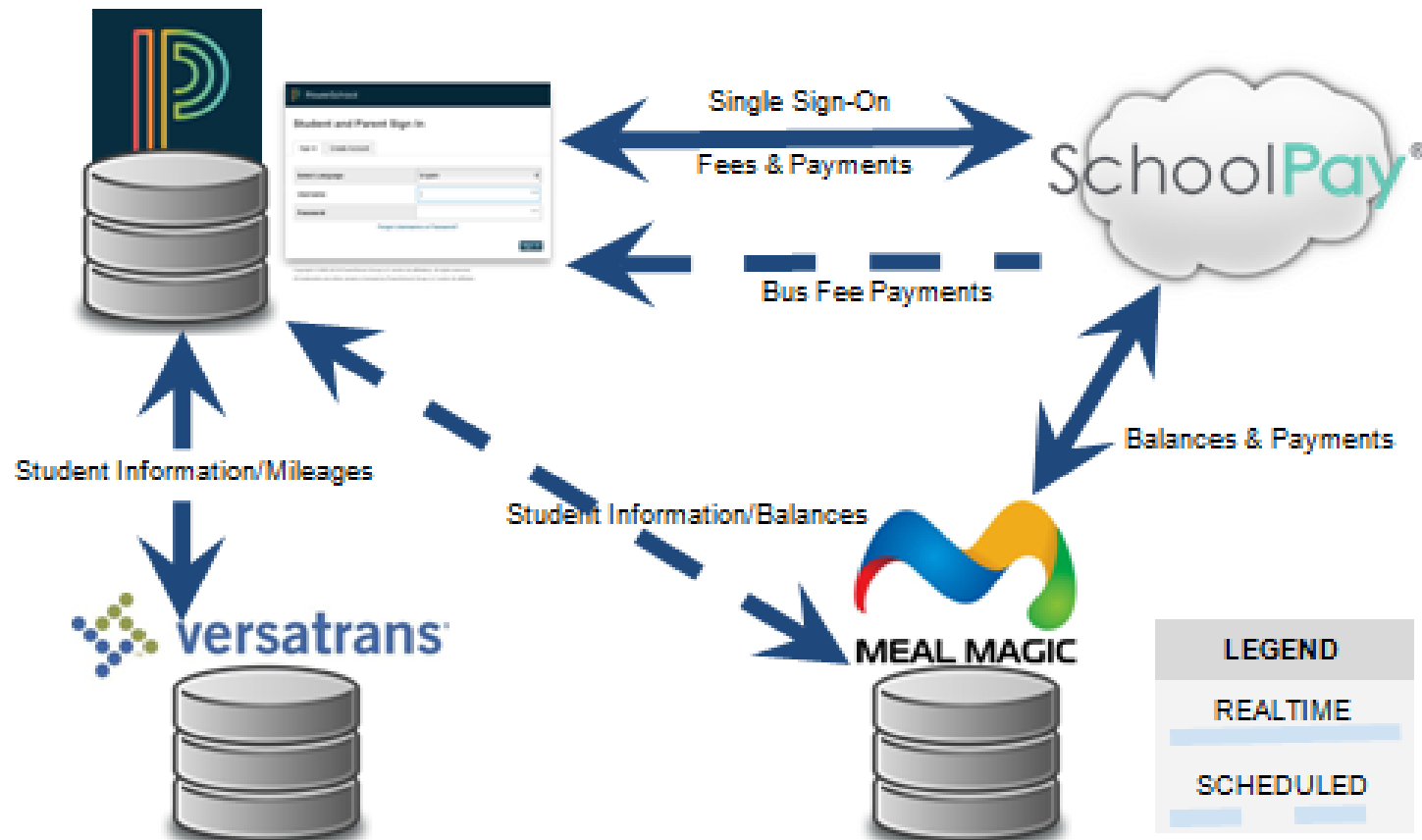
- Service is bid per MGL Chapter 30B
- Current five-year contract with AA Transportation effective FY14-FY18
- FY18 rate is \$335.09 per bus per day which equates to \$60,316 per bus per school year. Contract allows for annual increase tied to the Consumer Price Index
- Most buses operate on 3-tier system with a high school, middle school, and elementary school route each morning and afternoon. Some buses also have a mid-day commitment for half-day kindergarten or preschool.

System Changes: 2017-2018

- Bus Registration via *PowerSchool* was closed from July 1st to August 7th. We continued with the longer registration period from April 1st to June 30th with intent of mitigating Late Fees.
- Automated approval and processing of the Late Registration Fee connected with late registrations.
- Technical fine-tuning of registration process [more internal checks and balances] reduced the volume of refunds and administrative time managing these situations.

Online Payment System

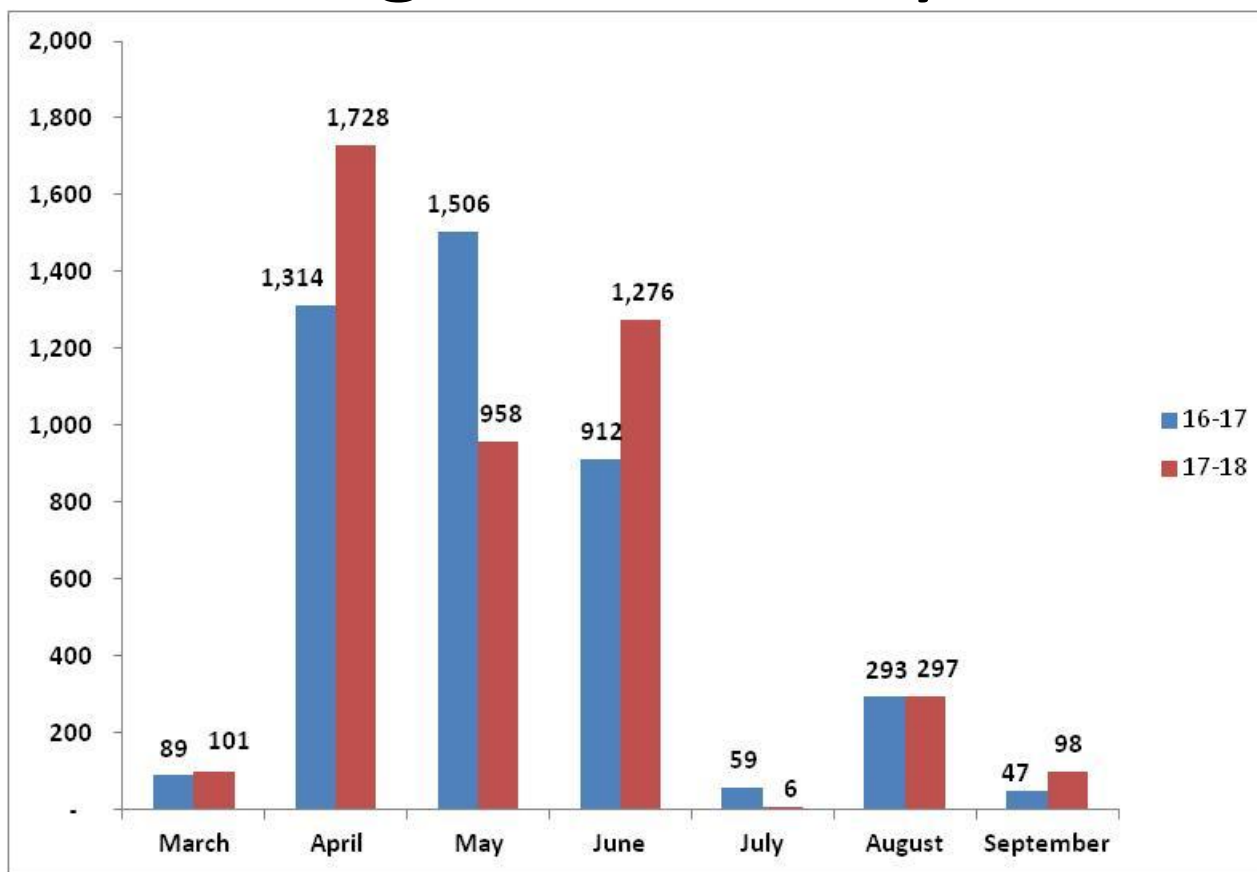
Systems Design Flow Chart



Ridership

School District	Riders
Shrewsbury Public Schools	4,465
Assabet Valley Regional Tech. H.S.	95
St. John's High School	55
St. Mary School	37
Al Hamra Academy	41
Montessori School	22
Out of District Students	65
Total Daily Riders	4,780

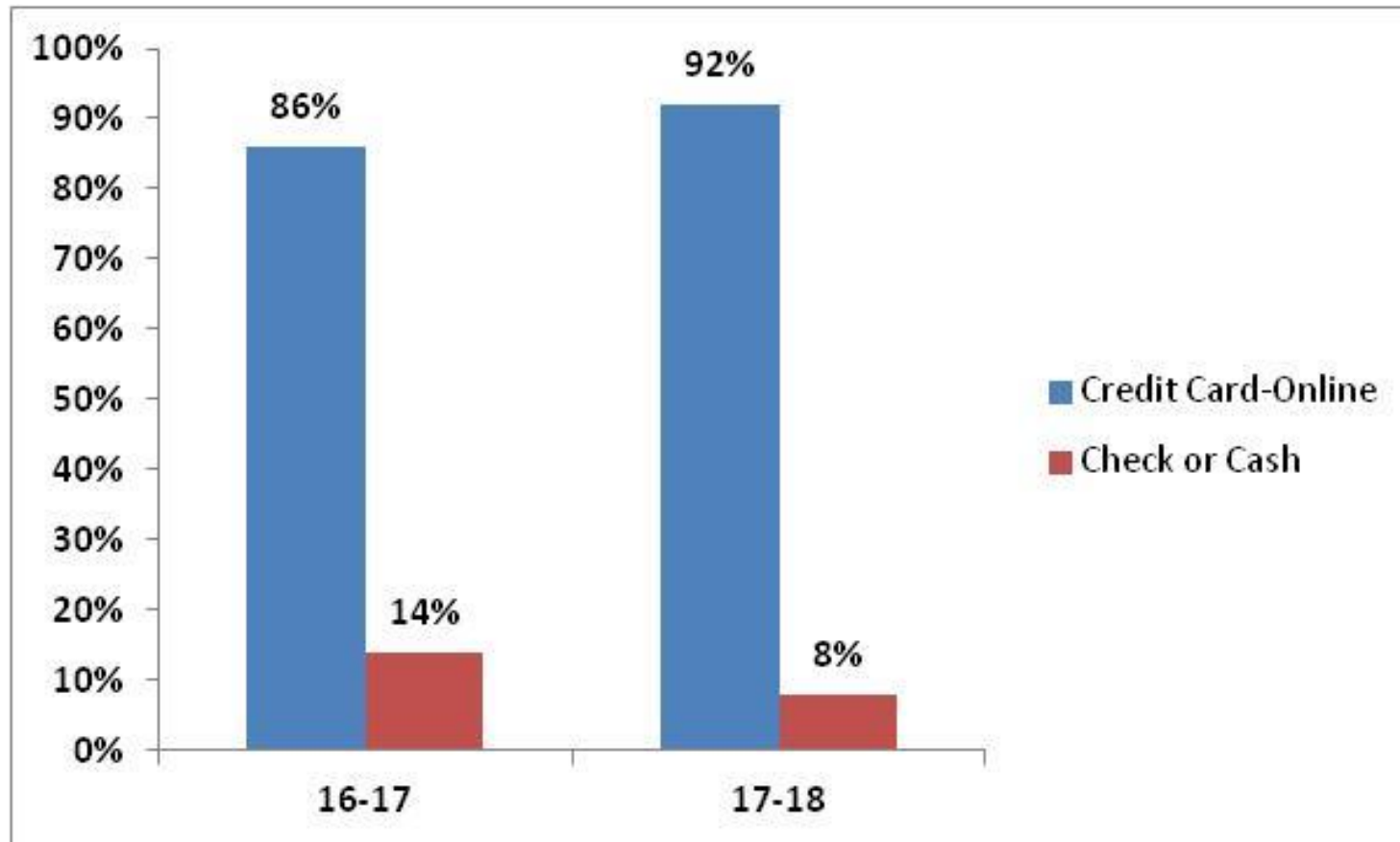
S.P.S. Registrations by Month



We launched soft opening in March to test systems. Public rollout of registration and payment began in April.

So far, 142 families paid a late registration fee v. 157 last year. The remainder of July through September registrations are new students to the district.

Payment Method



Strong and growing preference of parents to pay online by credit card.

Average Cost v. Fee

- 4,715 students currently registered in district, private schools, and Assabet
- Total budget of \$3,118,893
- Average cost=\$661/student
- Fee=\$275/student

FY18 Budget

Transportation Service	FY18 All Budgets	Notes
Regular Day	\$ 2,292,030	\$1.6M Oper. Budget and \$635K funded via fee revenue
Special Education: Out of District & In-District	\$ 1,613,414	\$1.44M funded via special education grant
Bus Monitors	\$ 281,000	Operating Budget
Vocational	\$ 183,966	Operating Budget
Athletics	\$ 111,650	Operating Budget
Special Education: Summer	\$ 75,000	Operating Budget
Homeless	\$ 45,000	Operating Budget
High School Clubs/Events [Speech & Debate]	\$ 10,000	Operating Budget
Music Performances/Events	\$ 4,570	Operating Budget
Transportation Services- All Funds	\$ 4,616,630	

State Reimbursements

Type	FY14	FY15	FY16	FY17
Out of District-Vocational	■ \$89,646 ■ 86.93%	■ \$0 ■ 0%	■ \$95,274 ■ 54.6%	■ \$11,460 ■ 6.39%
Homeless	■ \$28,341 ■ 50.83%	■ \$7,456 ■ 34.4%	■ \$16,113 ■ 36.1%	■ \$6,195 ■ 37.8%

Notes:

1. These are general fund receipts and not at the disposal of or available for direct use by School Dept.
2. Variability from year to year makes it difficult to budget for this revenue.
3. Timing of state budget approval in July does not allow for precise budgeting at municipal level in May.

Fee Based Program

- Operating an efficient operation with fixed routes and stops
- Increased expectations for service when some parents pay
- These two things sometimes conflict

Future Considerations for Operational Improvement

- Assessment of “start-of-school” issues that recur each year and may be preventable
- Review processes for special education transportation route planning and communication of bus info to parents.
- Look for ways to mitigate Bus Stop Change Requests
 - The request reasons range from new daycare drop-offs to safety concerns to parental/student convenience.