

Transportation Dept 2019-2020

Where we are



Where we've been



Where we're going



How do we get there?



Where We are

- Current Services
- Schools
- Resource
 - Vehicle
 - Human



What services is the District obligated to Provide

- AM & PM transportation for eligible students*
- Transportation for students attending private schools up to 15 miles.
- Special Education Transportation up to 50 miles one way
- Students under McKinney-Vento
- Transportation as a related service
- Extended School Year



What services is the District currently Providing?

- AM & PM transportation for eligible students*
- Transportation for students attending private schools up to 15 miles.
- Special Education Transportation up to 50 miles one way
- Students under McKinney-Vento
- Transportation as a related service
- Extended School Year
- Late Buses
- Mid-Day HBI
- Elementary IRP Transportation 151 IRP Trips
- Field Trips* 231 Field Trips
- Sports Trips* 344 Sports Trips
- BHS Work Program
 - *Not eligible for Transportation Aid



Schools

- District Operated 6/6
- Private Schools 16/20/4+
- Special Education Schools 26/33/5*/2+
- 48/59/5*/6+
- BCSD Serviced/Total/Contracted*/Not serviced+



District Transportation Resources

- Vehicles
- Human Resources
- Physical Plant



Vehicles

- 30 Buses
- 26 Vans
- 10 Cars



Human Resources

- 45 Drivers
- 6 Sub Drivers
- 29 Bus Monitors
- 1 Sub Monitor
- 2 Dispatchers
- 2 Head Bus Drivers
- 1 Head Mechanic
- 2/3 Mechanics
- 1 Supervisor

School Year	Drivers	Sub Drivers	Monitors	Sub Monitors	Mech (includes HM)	Dispatcher	Head Bus Driver	Supervisor	Clerical
2009-2010	48	10	28	1	4	1	0	1	0.5
2010-2011	53	10	31	0	4	1	0	1	0.5
2011-2012	53	11	30	5	3	1	1	1	0.5
2012-2013	54	10	33	7	3	1	1	1	0.5
2013-2014	57	7	32	5	3	1	1	1	0.5
2014-2015	57	8	29	6	3	1	1	1	0.5
2015-2016	53	9	30	3	4	1	2	1	0.5
2016-2017	54	9	26	2	4	0	2	1	0.5
2017-2018	42	8	24	0	3	2	2	1	0
2018-2019	45	6	28	2	3	2	2	1	0.5



Where We've Been



Elementary Bus Routes

2010-11

- Glenham
- JVF/South Ave/Sarg

2012-13

- Glenham
- JVF
- South Ave/Sarg

2015-16

- Glenham
- JVF
- South Ave
- South Ave/Sarg

2016-17

- Glenham
- JVF
- Sarg
- South Ave



Challenges this Past Year

- Changes in DMV Road Test Procedures*
- DMV Audit June 2018
- 8/14/18 Lightning strike
- New Schools
- Contracted Services
- Significant increase in McKinney-Vento Services
- Driver Shortage nationwide
- DOT inspections/vehicle registrations



DMV

- New Procedures required of drivers
 - Changes to Basic Skills Testing
- June 2018 Audit
 - No longer done by local T&I unit
 - New audit procedures
 - No deficiencies noted



Lightning Strike- August 14, 2018

- Security Alarm System for Bus Depot
- 7 out of 10 garage doors in the parking garage inoperable
- Ohmtech Automatic Tank Gauge damaged*
- Fuelmaster program disabled*

- Damages of \$14,143.42
- **Alternate procedures implemented including Manual sticking of Tanks and manual logs of fuel usage.
- Repairs not completed until November 8, 2018



New Schools

- Locations
- Bell Times

Contracted Services



Significant Changes in MV Transportation

	2016-2017	2017-2018	2018-2019 YTD
Costs	\$ 46,633	\$ 112,712	\$ 109,238
# of Students	17	36	39
Mileage	11471	30673	26710



Bus Driver Shortage

- Survey of 200 NY Transportation Directors
- 74% had unfilled vacancies in 2017-18
- 27% had 11-20 percent unfilled SB drivers
- 60% said the shortage is their #1 concern
- 70% describe the problem as Significantly worse (38.5%) or Somewhat worse (32%)

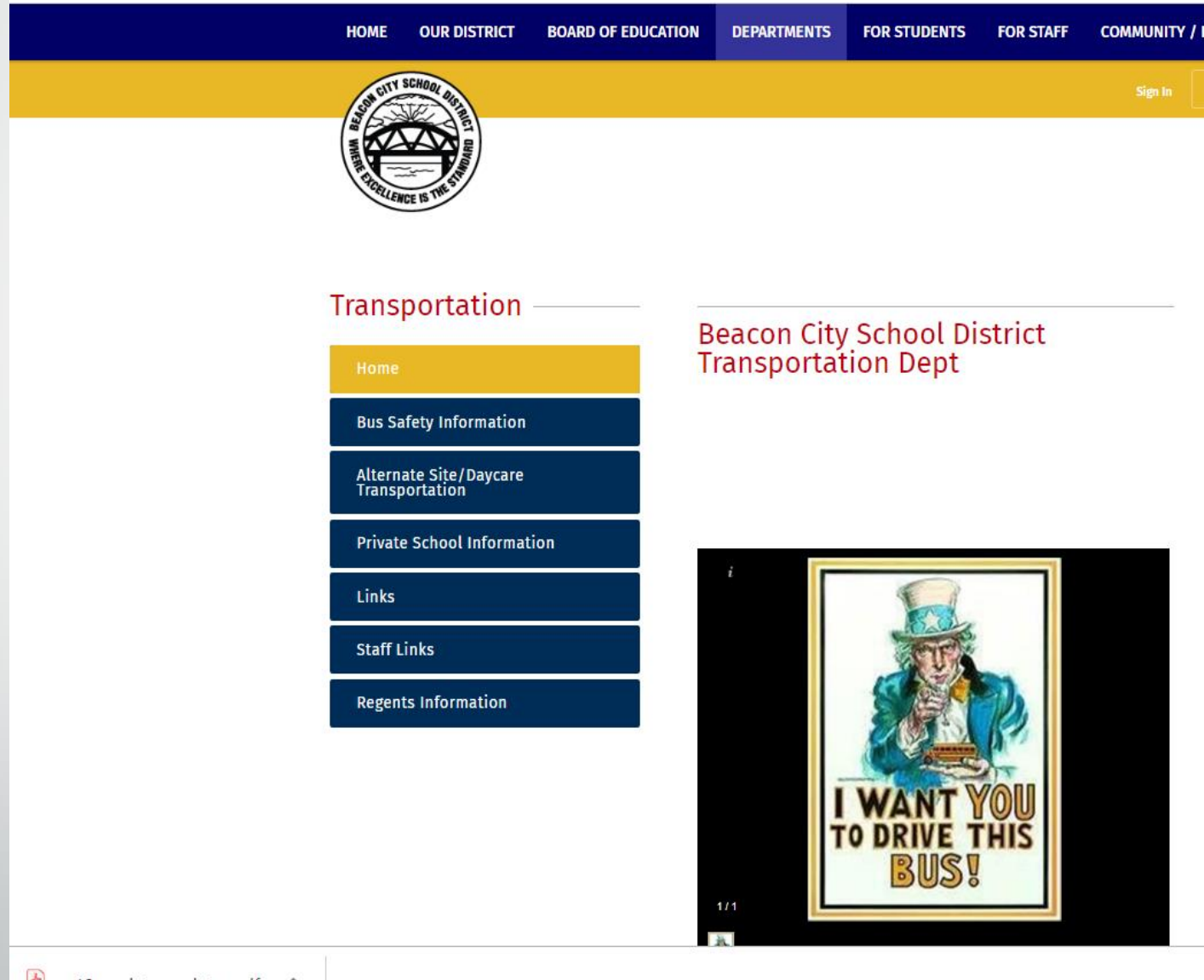
Yellow Buses, Red Flags: New York's School Bus Driver Shortage



February 2019



Commercial break....



The screenshot displays the Beacon City School District website. At the top, a dark blue navigation bar contains the following links: HOME, OUR DISTRICT, BOARD OF EDUCATION, DEPARTMENTS, FOR STUDENTS, FOR STAFF, and COMMUNITY / . Below this is a yellow banner featuring the Beacon City School District logo on the left and a "Sign In" button on the right. The logo is circular with the text "BEACON CITY SCHOOL DISTRICT" and "WHERE EXCELLENCE IS THE STANDARD" around a central image of a bridge. The main content area is white. On the left, a vertical menu titled "Transportation" in red text lists several options: Home (highlighted in yellow), Bus Safety Information, Alternate Site/Daycare Transportation, Private School Information, Links, Staff Links, and Regents Information. To the right of this menu, the text "Beacon City School District Transportation Dept" is displayed in red. Below this text is a framed image of the Uncle Sam character, holding a cigar and a tray of cookies, with the text "I WANT YOU TO DRIVE THIS BUS!" written below him in a stylized font. At the bottom of the page, there is a small "1/1" indicator and a few navigation icons.

Where are we Going?



Becoming a driver

DMV-Licensing Process

DMV-BDU- Article 19-A Driver Qualifications/Re-qualifications

NYS ED –Pupil Transportation -Qualifications/Re-qualifications

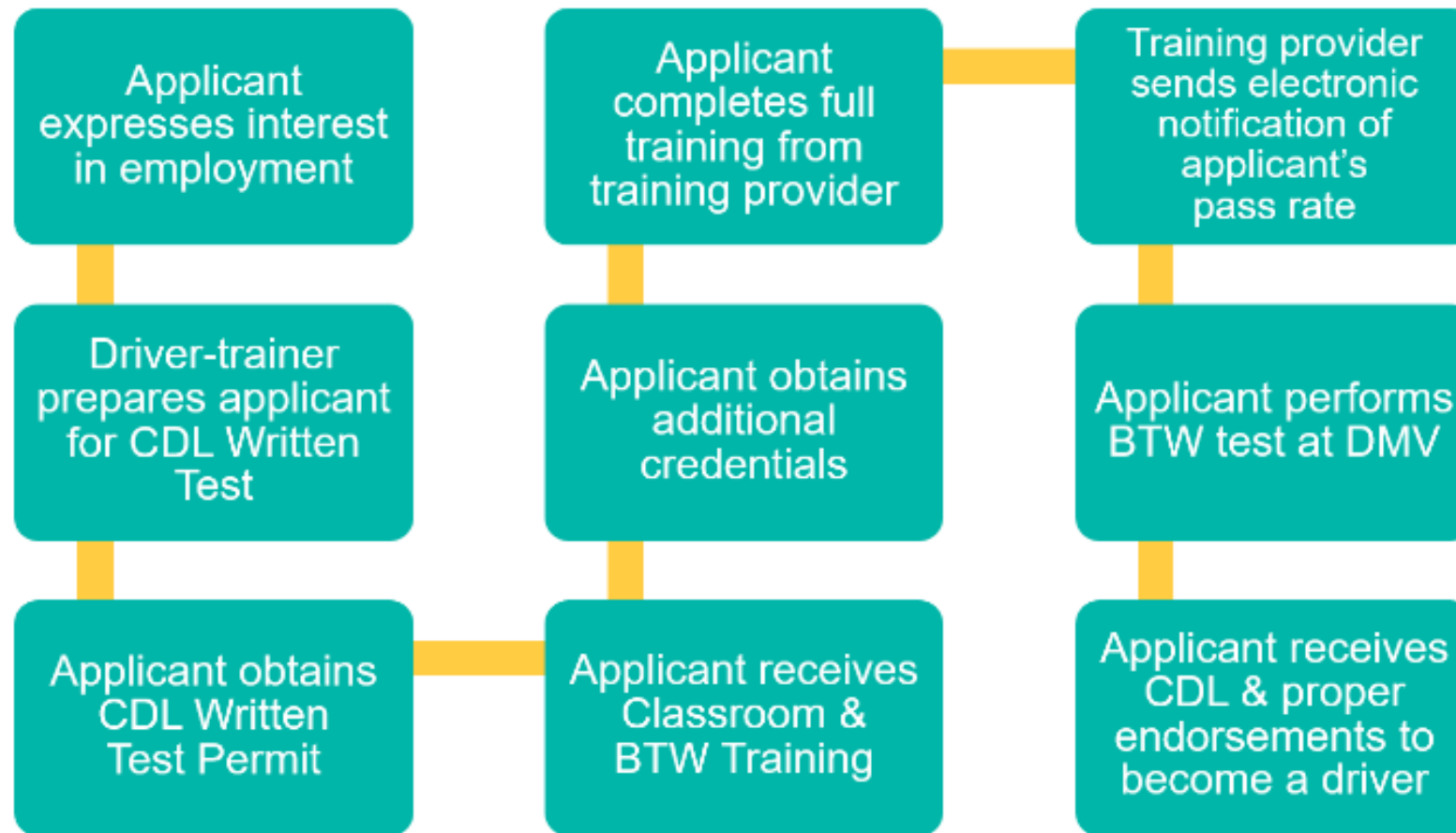
FMCSA-Federal Licensing- DOT D&A requirements



The Licensing Process Until 2/7/2020



HOW MAP-21 AFFECTS SCHOOL BUS DRIVER TRAINING



Abstract

Physical Exam

19-A Application to BDU

Finger Prints

Defensive Driving Review

Written Exam

Behind the Wheel Test

Physical*

Annual Review of Driving Record

Abstract

The 19-A Process
Initial Process
Ongoing process to maintain driver certification



PreService
Training



Physical
Exam

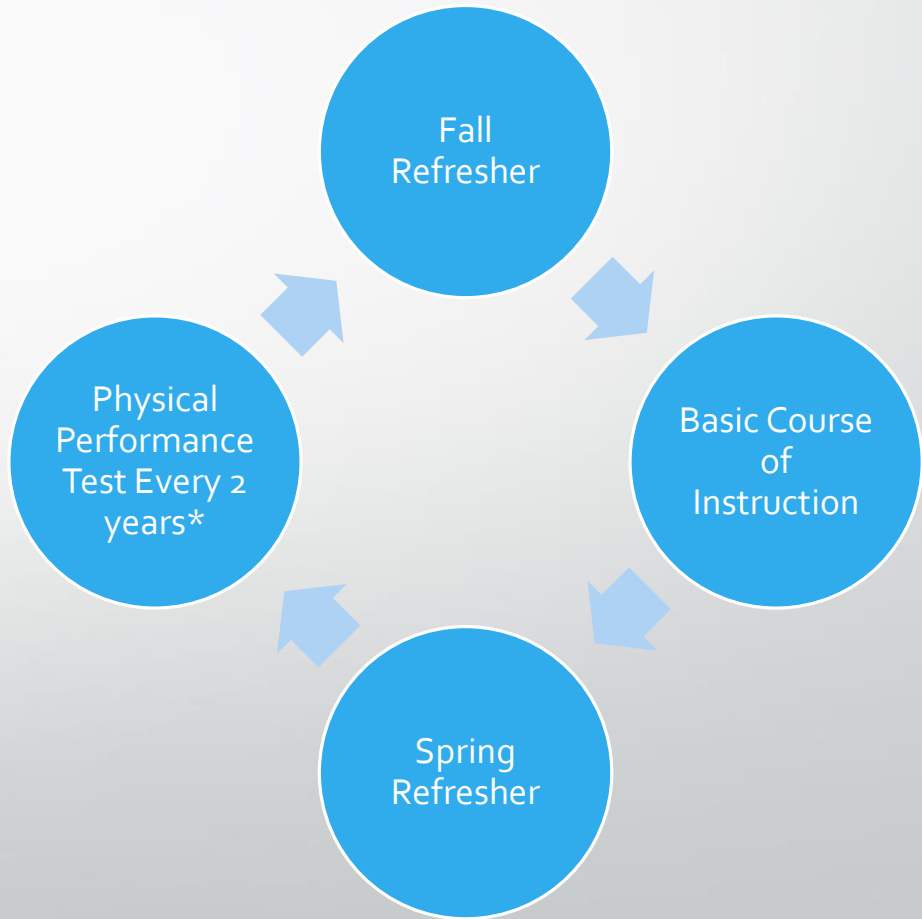


Physical
Performance
Test



Finger Prints
through
DMV

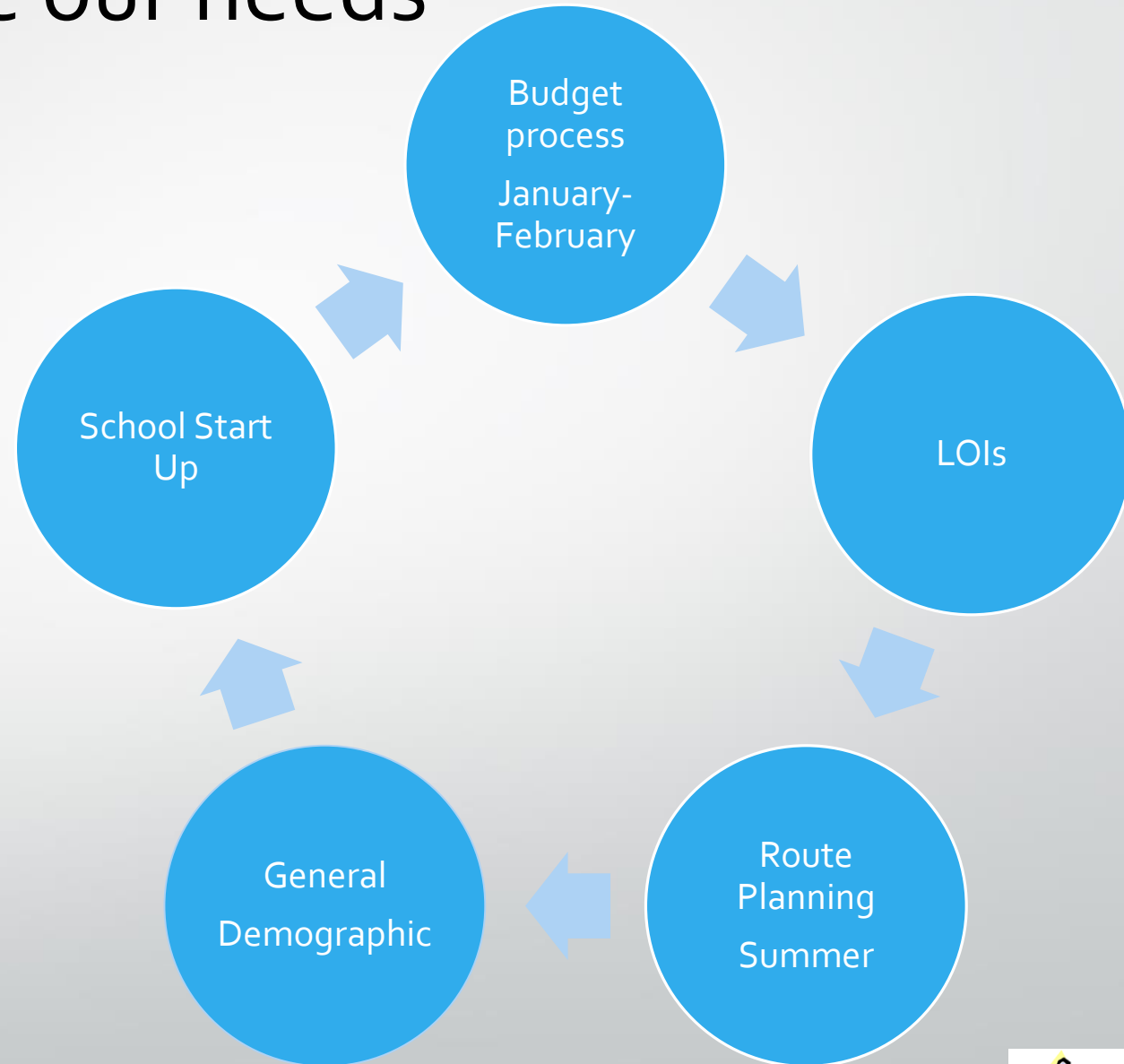
NYS Ed Dept Driver Qualifications Re-certifications



How do we determine our needs

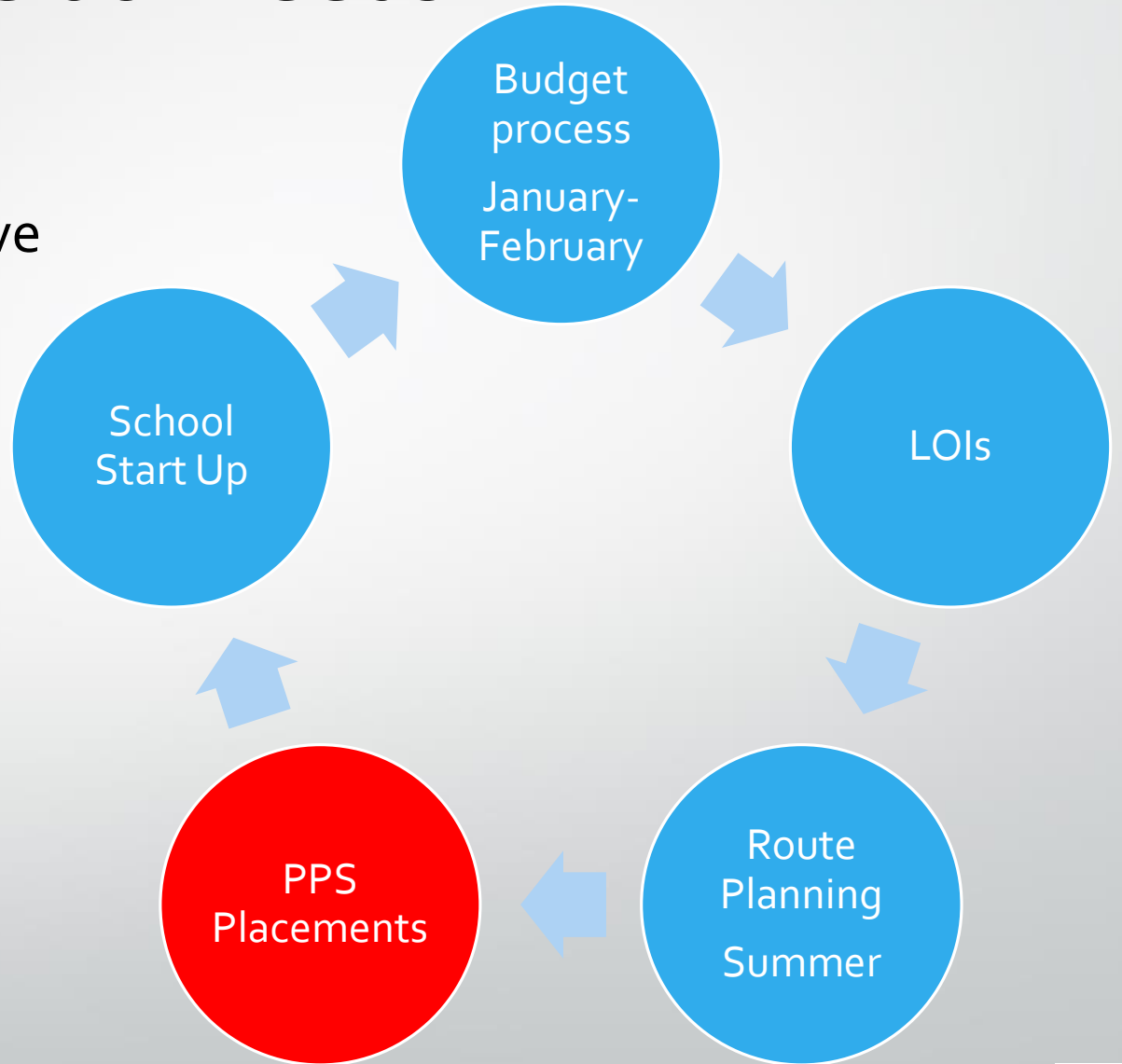
- Public School Enrollment
- Private School Enrollment

School Year	Public School Students	Private School Students
2010-11		278
2011-12	3262	271
2012-13	3187	284
2013-14	3138	278
2014-15	3021	269
2015-16	2905	267
2016-17	2870	263
2017-18	2904	246
2018-19	2885	245



How do we determine our needs

- Proactive vs Reactive vs Responsive



How do we get there?

- Vehicles
- Staffing
- Other Considerations



Surplus Vehicles

- 72 passengers Buses x 3
- School Bus Vans x 2



Vehicles

- 72 Passenger School Bus 2 @ \$115,837.38
\$231,674.76

- 20 Passenger Chevy Type A 4 @ \$50,754.35
\$203,017.40

\$434,692.16



Seat Belts

- On all NY School Buses since 1987
- Currently not required to use in vehicles with capacity <10 students.
- Currently local district sets policy in NY
- Governor proposal

- Lap Belts vs Shoulder Belts
- Additional Costs \$9,500- 12,500 per full size bus



Staffing

- Recruitment
- Training- additional expenses related to ELDT
- FT staff approaching retirement



Other Considerations

- Generators
- Lightning Protection
- Space
- UST removal and replacement with AST Petroleum Bulk Storage



Five Year Plan

- Hire Key Staff
- Vehicle Replacement
- Physical Plant Concerns
 - Removing UST
 - Generator
 - Space



Vehicle Replacement 3 Years Out

- 2019-2020
 - 2 Buses/4 Vans

Estimated \$450,000
- 2020-2021
 - 3 Vans (WC?)/1 Bus

Estimated \$450,000
- 2021-2022
 - 3 Buses

Estimated \$430,000

Type	Vehicle	Vehicle Year	Chassis	Mileage 3-4-19
Bus	150	2006	IC	195,077.00
Van	182	2012	CHEVROLET	191,016.00
Van	183	2012	CHEVROLET	186,194.00
Van	192	2013	CHEVROLET	173,191.00
Van	171	2011	CHEVROLET	172,447.00
Van	173	2011	CHEVROLET	172,041.00
CAR DOT	167	2009	DODGE	166,030.00
Bus	149	2006	IC	165,927.00
CAR DOT	184	2012	FORD	158,626.00
Van	147	2005	FORD E456	156,701.00
Bus	156	2008	IC	155,557.00
Van	189	2013	FORD E350	154,737.00
Van	172	2011	CHEVROLET	152,019.00
CAR DOT	169	2009	DODGE	149,423.00
Bus	151	2006	IC	149,298.00
Bus	170	2010	IC	141,198.00
CAR DOT	168	2009	DODGE	138,068.00
Van	198	2015	CHEVROLET	132,809.00
Van	160	2008	CHEVY EXPRESS	129,200.00
CAR DOT	175	2010	CHEVROLET	127,621.00
CAR DOT	179	2012	CHEVROLET	127,395.00
CAR DOT	180	2012	CHEVROLET	127,093.00
Van	154	2006	FORD E456	125,950.00
CAR DOT	191	2013	CHEVROLET	122,571.00
Bus	159	2008	THOMAS	120,053.00
CAR DOT	174	2010	CHEVROLET	118,009.00
Van	153	2006	FORD E350	115,343.00
Van	202	2014	CHEVY	114,624.00
Van	188	2013	FORD E350	111,363.00
Bus	164	2009	THOMAS	107,409.00
Bus	158	2008	THOMAS	103,888.00
Bus	178	2012	IC	101,672.00
Bus	165	2009	THOMAS	101,242.00
Bus	177	2012	IC	100,090.00

Physical Plant Concerns

- Remove Underground Storage Tank for diesel- Add Aboveground Storage Tank
- Install Generators to ensure smooth operation in the event of power failure
- Replace Facility Doors
- Office Space



Thank you!

