



Scottsdale *Unified* School District



Pupil Transportation Department
Brendan Wagner, Director

Driving Forward Together to

Engage, Educate and Empower Every Student, Every Day



Pupil Transportation Department
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Scottsdale Unified School District Current Fleet Analysis Fall 2018

Brendan Wagner, Director of Pupil Transportation
December 6, 2018





- Pupil Transportation Vehicles - 214
 - General Ed School Buses = 101
 - Special Needs School Buses = 77
 - School Based Activity Buses = 26
 - Special Services Passenger Vans = 10
- Support Vehicles - 128
 - Building Services = 90
 - Information Management = 9
 - Nutritional Services = 12
 - Transportation = 9
 - Warehouse = 8

Total District Owned Vehicles = 342



Yellow Fleet General Ed Buses



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84 Passenger

Type	Year of Purchase	Units	Average Miles	New	Exc	Good	Fair	Poor
General Ed	2003	3	128,000					3
General Ed	2004	8	155,000					8
General Ed	2005	59	133,800			59		
General Ed	2008	6	101,100			6		
General Ed	2011	4	92,300		4			
General Ed	2012	21	70,500		21			

101

0

25

65

0

11*

* These vehicles are slated to be traded in as part of the next purchase and are not currently assigned to active routes. Of the remaining 90 buses, 14 are spares



Yellow Fleet Special Needs Buses



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Non Wheelchair

Type	Year of Purchase	Units	Average Miles	New	Exc	Good	Fair	Poor
Special Needs	2005	21	163,300				21*	
Special Needs	2008	14	122,700			14		
Special Needs	2010	3	91,500			3		
Special Needs	2011	4	76,800			4		
Special Needs	2012	6	93,400		6			
Special Needs	2016	1	51,000		1			
		49		0	7	21	21	0

* We plan to paint 13 of these buses white to replace school based Activity Buses
We currently have 25 Special Needs Routes so 1 for 1 replacement will not be required.



Yellow Fleet Special Needs Buses Wheelchair



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Type	Year of Purchase	Units	Average Miles	New	Exc	Good	Fair	Poor
Wheelchair	2003	5	168,000				5	
Wheelchair	2005	7	122,700				7	
Wheelchair	2009	4	91,500			4		
Wheelchair	2012	1	76,800		1			
Wheelchair	2018	11	1,150	11				
		28		11	1	4	12	0

We currently have 14 Routes transporting students in wheelchairs so 1 for 1 replacement will not be required.



School Based White Activity Buses



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Type	Year of Purchase	Units	Average Miles	New	Exc	Good	Fair	Poor
Activity Bus	2002	11	58,500					11
Activity Bus	2006	5	48,321				5	
Activity Bus	2008	1	30,600				1	
Activity Bus	2009	1	70,200			1		
Activity Bus	2013	8	19,600		8			
		26		0	8	1	6	11*

* These buses will be replaced by painting non-wheelchair Special Needs buses white



Yellow School Buses

Fleet Average Years of Service - 10 $\frac{1}{2}$ years

Average Gen Ed Mileage per bus - 121,000

Average Spec Needs Mileage per bus - 114,000

Standard Arizona Replacement Cycle - 20 Years/200,000 miles



Student Transportation Vehicles



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Special Services

6 Total in Fair Condition

PA-53-01	2001	Pass Van W/ Lift	17	14,508	Fair
PA-52-01	2001	Pass Van W/ Lift	17	15,994	Fair
PA-51-01	2001	Pass Van	17	43,105	Fair
PA-48-01	2001	Pass Van	17	35,856	Fair
PA-50-01	2001	Pass Van	17	76,786	Fair
PA-2011-04	2004	Pass Van	14	58,336	Fair

4 Poor

PA-32-98	1998	Pass Van W/ Lift	21	49,611	Poor
PA-39-98	1998	Pass Van W/ Lift	20	38,034	Poor
PA-47-01	2001	Pass Van	17	98,547	Poor
PA-49-01	2001	Pass Van	17	89,964	Poor



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Proposed Bond Bus Purchases

School Year	# of Units	Type	Budget
2017 - 2018	11*	Wheelchair Buses	\$1,249,600
2018 - 2019	5	84 Pass Transit Buses	\$750,000
	6	12 Passenger Vans (3 w/lift)	\$180,000
2019 - 2020	3	84 Pass Transit Buses	\$457,800
	10	Special Needs Buses	\$750,000
2020 - 2021	5	84 Pass Transit Buses	\$776,350
2021 - 2022	4	84 Pass Transit Buses	\$631,600
	3	Wheelchair Buses	\$358,500
2022 - 2023	5	84 Pass Transit Buses	\$803,750

52

\$5,957,600 **

* Delivered Spring of 2018

Buses will be replaced based on Arizona Standard - 20 Years/200,000 miles

** \$6 Million provided in the Bond Program



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Driving Forward To Secure and Safeguard Our Future



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Current Support Fleet

- 128 Total Vehicles
 - 112 Active
 - Average Age - 13 Years
 - 1 - 30 Years
 - Average Miles - 88,450
 - 4,200 - 252,500



Standard Arizona Replacement Cycle - 10 Years/100,000 miles

As we continue to assess our needs; and based on reductions in student enrollment, we will find that we will downsize our support fleet commensurate with the number of employees requiring the use of same.



Support Fleet by Vehicle Type



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Vehicle Type	Years of Service	Units	Average Miles	New	Exc	Good	Fair	Poor	N/V*
Auto	1 - 20	8	64,000	1	2	0	1	2	2
Pick Up	1 - 30	32	85,000	2	7	13	5	2	3
Cargo Van	1 - 30	32	68,000	2	6	4	7	8	5
Bus	12 - 13	3	64,400	0	0	2	1	0	0
Cube Truck	1 - 24	15	101,000	3	1	4	4	0	3
Dump Truck	7 - 27	4	117,200	0	1	2	0	1	0
Utility Truck	6 - 28	34	114,500	0	10	11	5	5	3
		128		8	27	36	23	18	16

*Non-Viable – not mechanically sound or safe to operate

Of the 34 vehicles graded poor and non-viable, only 12 – 18 will need to be replaced as part of a proposed purchase plan.



Support Fleet By Department



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Department	# of Units	New	Exc	Good	Fair	Poor	N/V*
Building Services	90	5	16	29	14	14	12
Information Management	9		1	1	4	2	1
Nutritional Services	12	3	3	2	1	2	1
Transportation	9		5		2		2
Warehouse	8		2	4	2		
	128	8	27	36	23	18	16

*Non-Viable – not mechanically sound or safe to operate

Of the 34 vehicles graded poor and non-viable, only 12 – 18 will need to be replaced as part of a proposed purchase plan.



Recent Support Vehicle District Capital Purchases



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Model Year	# of Units	Department
2017	9	Security/M & O
2016	1	Grounds
2015	2	Nutritional Services*
2013	2	Pupil Trans
2012	7	Admin/Warehouse/M & O

* Nutritional Services Vehicles were purchased from a separate funding source



Proposed Support Vehicle District Capital Purchases



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School Year	# of Units	Type	Function	Cost per Vehicle	Budget
2018 - 2019	2	¾ ton HD pickup	Grounds	\$25,000	\$149,995
	1	¾ ton high roof full size van	Skilled Trades	\$30,000	
	2	compact cargo van	BS/NS	\$22,000	
	3	utility trailer	Grounds	\$8,665	
2019-2020	1	1 ton HD pickup w/utility boxes	Transportation	\$42,000	\$375,560
	4	¾ ton high roof full size van	Skilled Trades	\$30,900	
	6	compact cargo van	NS/IT	\$22,660	
	1	2 ton dump truck	Grounds	\$50,000	
	1	heavy equipment trailer	Grounds	\$24,000	
2020 - 2021	1	1 ton HD pickup	Grounds	\$32,000	\$178,654
	2	¾ ton high roof full size van w/lift	Plumber	\$31,827	
	1	¾ ton pickup w/utility boxes	Building Services	\$38,000	
	1	1 ton chassis cab w/stakebed	Maintenance	\$45,000	
2021 - 2022	1	box truck w/lift	Warehouse	\$85,000	\$253,886
	1	¾ ton high roof full size van w/lift	Plumber	\$32,782	
	1	1 ton cube truck w/lift	Nutritional Services	\$45,000	
	3	compact cargo van	IT/Warehouse	\$24,020	
	2	utility trailer	Grounds	\$9,523	
2022 - 2023	1	¾ ton HD pickup w/utility boxes	Maintenance	\$40,280	\$267,470
	2	¾ ton HD pickup	Grounds	\$27,375	
	1	compact cargo van	Locksmith	\$24,740	
	1	2 ton HD pickup w/utility boxes	Welder	\$55,000	
	2	1 ton cube truck w/lift	Nutritional Services	\$46,350	

Thanks for Your Attention



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