



**NORTH CAROLINA**  
State Board of Education  
Department of Public Instruction

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# Report to the North Carolina General Assembly

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Smart School Bus Safety Pilot Program

*SL 2021-180 Section 7.70*

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**Date Due: July 1, 2024**

DPI Chronological Schedule, 2024-2025

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## NC DEPARTMENT OF PUBLIC INSTRUCTION

Catherine Truitt, State Superintendent :: 301 N. Wilmington Street :: Raleigh, North Carolina 27601-2825

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# **SMART SCHOOL BUS SAFETY PILOT PROGRAM**

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## **PART I: GENERAL OVERVIEW**

### **A. Legislative Reporting Requirements**

#### **SL 2021-180 Section 7.70(a)**

*(5) Reports. – No later than July 1, 2022, and annually thereafter in any year in which the Program is in effect, the Department of Public Instruction, in consultation with each participating local school administrative unit and charter school, shall report at least all of the following information to the Joint Legislative Education Oversight Committee, any committee constituted by the House of Representatives or Senate to address school safety, and the Fiscal Research Division:*

- a. An itemized breakdown of software infrastructure, hardware infrastructure, and equipment provided by qualifying vendors to participating local school administrative units and charter schools pursuant to the Program.*
- b. A description of all services provided by qualifying vendors to participating local school administrative units and charter schools pursuant to the Program.*
- c. A list of qualifying vendors contracting with participating local school administrative units and charter schools pursuant to the Program.*
- d. The impact and effectiveness of the Program.*
- e. All expenditures of State funds pursuant to the Program.*

### **B. PSUs that Accepted Legislated Funding**

The following PSUs accepted funding as per the legislation:

Caldwell County Schools (140)  
Chatham County Schools (190)  
Winston Salem/Forsyth County Schools (340)  
Gaston County Schools (360)  
Harnett County Schools (430)  
Iredell /Statesville Schools (490)  
Johnston County Schools (510)  
Clinton City Schools (821)  
Surry County Schools (860)  
Elkin City Schools (861)  
Union County Public Schools (900)  
Wayne County Schools (960)  
Alpha Academy (26B)  
Sugar Creek Charter School (60B)  
Sallie B Howard (98A)

### C. PSUs which Declined Legislated Funding:

Burke County Schools (120)  
Hickory City Schools (181)  
Martin County Schools (580)  
New Hanover County Schools (650)  
Pasquotank County Schools (700)  
Thomas Jefferson Classical Charter School (81A)  
Sampson County Schools (820)  
Transylvania County Schools (880)  
Watauga County Schools (950)

### D. Substitute PSU Selections

In accordance with legislation, substitute PSUs for those PSUs which declined, were selected by DPI. The selection process started with an interest survey, followed by comparison of ADM of the interested PSUs to the ADM of those PSUs which had declined funding. PSUs were then selected based on the absolute value of the differential between their ADM and the ADM of PSUs which had declined funding.

The substitute PSUs were awarded a percentage of the substitute funds available, by sub-subdivision of the legislation, based on the PSU's quantity of school buses relative to the other substitute PSUs. Substitutes were awarded at the January 2023 State Board of Education meeting.

PSU No.	PSU Name	Sub-subdivision a.	Sub-subdivision b.
090	Bladen County Schools	\$ 305,217.00	\$ 91,395.00
110	Buncombe County Schools	\$ 1,054,387.00	\$ 315,727.00
111	Asheville City Schools	\$ 134,111.00	\$ 40,158.00
150	Camden County Schools	\$ 101,739.00	\$ 30,465.00
240	Columbus County Schools	\$ 397,707.00	\$ 119,090.00
270	Currituck County Schools	\$ 198,854.00	\$ 59,545.00
540	Lenoir County Public Schools	\$ 610,434.00	\$ 182,789.00
66A	KIPP Gaston College Preparatory	\$ 115,613.00	\$ 34,619.00
790	Rockingham County Schools	\$ 573,438.00	\$ 171,711.00

## E. Grant Funds Voluntarily Relinquished

As we approach the end of the performance period for this grant and by request of the Office of State Budget Management, DPI asked PSUs if there were any SFRF funds that would be utilized for this grant purpose, and wished to voluntarily relinquished to enable the General Assembly to repurpose the funds rather than return to the Federal Government. LEAs responded as follows and their allotments were adjusted accordingly.

PSU No.	PSU Name	Amount Relinquished
90	Bladen County Schools	\$-
110	Buncombe County Schools	\$315,727.00
111	Asheville City Schools	\$6,000.00
140	Caldwell County Schools	\$-
150	Camden County Schools	\$98,788.00
190	Chatham County Schools	\$-
240	Columbus County Schools	\$-
270	Currituck County Schools	\$59,545.00
340	Winston Salem/Forsyth Schools	\$-
360	Gaston County Schools	\$292,000.00
430	Harnett County Schools	\$1,060,000.00
490	Iredell-Statesville Schools	\$273,000.00
510	Johnston County Schools	\$-
540	Lenior County Schools	\$-
790	Rockingham County Schools	\$171,711.00
821	Clinton City Schools	\$-
860	Surry County Schools	\$120,000.00
861	Elkin City Schools	\$15,500.00
900	Union County Schools	\$493,000.00
960	Wayne County Schools	\$323,000.00
26B	Alpha Academy	\$-
60B	Sugar Creek Charter	\$-
66A	Kipp Gaston College Prep	\$34,619.00
98A	Sallie B Howard School	\$64,694.00
	TOTAL	\$3,327,584.00

## **PART II: EXECUTIVE SUMMARY**

The Smart School Bus Safety Pilot project was created in SL 2021-180 Section 7.70 (the “Legislation”) using State Fiscal Recovery Funds (“SFRF”) and was designated a revenue replacement project by the NC Pandemic Recovery Office. The Department of Public Instruction (the “Department”) created an application for Public School Units (“PSU”)s to indicate their desire to participate or decline participation per the Legislation.

Nine PSUs declined funding and the Department selected replacement PSUs based on an interest survey and a comparison of the ADM of interested PSUs to the ADM of PSUs which declined funding. Nine new PSUs were awarded funding amounts from each sub-subdivision of the program based on their relative quantity of buses among other replacement PSUs.

The program runs until the end of calendar year 2024. All grant award notifications have been issued totaling awards of over \$18.1m. Of that, approximately \$9.9m was reported as expended as of May 31, 2024. During 2024, 14 PSUs voluntarily relinquished \$3,327,584 that they indicated they did not intend to expend. This information was submitted to OSBM so that the funds might be repurposed by the North Carolina General Assembly if desired. This leaves approximately \$4.9 million to be expended through the end of calendar 2024.

Program participants are awarding and expending per the requirements of the fund source and the Legislation. Some program participants are changing software and hardware vendors entirely, while others are expanding the capabilities of their existing platforms. Each of those pathways comes with challenges and benefits.

Program participants are generally excited to be receiving additional funding to acquire these new capabilities and the necessary hardware and are also very pleased to be able to provide higher quality information and services to the parents and students they serve. Program participants who have expressed concerns, have expressed concerns about how they will sustain these new systems once the extra funding source from the pilot program has been exhausted. If successful, these new services will become expected by parents and students and difficult to pull back on.

### **PART III: IMPACT AND EFFECTIVENESS OF THE PROGRAM – PSU NUMBERS**

The below are PSU-reported figures regarding the impact of the program so far. These primary numerical statistics are how many school buses were equipped with the technologies, and how many students are potentially impacted as they are assigned to use the routes these buses travel.

<b>LEA</b>	<b>Number of Buses Equipped (sub-subdiv a.)</b>	<b>Number of Students Assigned to these Buses</b>	<b>Number of Buses Equipped (sub-subdiv b.)</b>	<b>Number of Students Assigned to these Buses</b>
26B	15	522	15	522
66A	0	0	0	0
90	60	2437	0	0
98A	17	1020	17	1020
110	220	10500	0	0
140	97	4968	0	0
150	25	1957	0	0
190	111	3996	100	3996
240	105	3262		
270	42	3110	46	2484
360	237	12571	0	0
490	280	13028	0	0
510	323	24564	239	24564
790	141	5781	0	0
821	30	1502	30	1052
860	89	3302	0	0
861	6	603	0	0
900	257	30215	0	0
960	175	8287	0	0
540	149	4525	0	0
111	25	1291	25	1291
60B	30	1242	30	1242
340	20	2308	0	0
430	0	0	134	8091
60 B	30	1242	30	1242



**PART IV: EXPENDITURES OF STATE FUNDS PURSUANT TO THE PROGRAM**

The below is a summary of expenditures by PSU from financial systems through May 31, 2024.

<b>PSU</b>	<b>PSU Name</b>	<b>Total Spent</b>
90	Bladen County Schools	\$ 387,115.36
110	Buncombe County Schools	\$ 576,224.84
111	Asheville City Schools	\$ 127,204.47
140	Caldwell County Schools	\$ 700,348.19
150	Camden County Schools	\$ 16,508.00
190	Chatham County Schools	\$ 464,478.56
240	Columbus County Schools	\$ 331,491.21
270	Currituck County Schools	\$ 48,768.46
340	Winston Salem / Forsyth County Schools	\$ 369,444.29
360	Gaston County Schools	\$ 330,806.68
430	Harnett County Schools	\$ -
490	Iredell-Statesville Schools	\$ 802,408.91
510	Johnston County Public Schools	\$ 1,850,543.19
540	Lenoir County Public Schools	\$ 473,512.38
790	Rockingham County Schools	\$ 370,292.17
821	Clinton City Schools	\$ 182,000.00
860	Surry County Schools	\$ 320,225.10
861	Elkin City Schools	\$ 51,477.54
900	Union County Public Schools	\$ 1,536,733.42
960	Wayne County Public Schools	\$ 697,104.48
26B	Alpha Academy	\$ 105,000.50
60B	Sugar Creek Charter	\$ 101,638.60
66A	KIPP Gaston College Preparatory	\$ -
98A	Sallie B Howard School	\$ 66,247.19
	<b>TOTAL</b>	<b>\$ 9,909,573.54</b>

**PART V: APPENDIXES OF PSU-PROVIDED ITEMIZED LISTS**

**Appendix A - Qualifying Vendors by District**

The below are PSU-reported qualifying vendors by PSU number. The PSUs used these qualifying vendors to indicate the vendor providing goods and services in subsequent appendixes.

LEA	Vendor Name	Contract Date	Procurement Document Number
90	Synovia Cal/Amp	10/18/2023	21302002
90	Kajeet	5/24/2023	2145763
110	Education Logistics Inc.	3/16/2023	621746256
110	Tiber Creek Consulting	5/31/2023	621748333
110	Server Supply	5/31/2023	621748317
110	Internetwork Engineering	5/31/2023	621748313
110	Monoprice	5/31/2023	621748334
110	Server Supply	8/1/2023	621749323
110	GoDaddy	8/18/2023	621749984
110	Education Logistics Inc.	3/14/2024	621758845
111	Samsara	7/1/2023	41144706
111	Bus Planner	4/1/2023	41144959
111	Trafera Holdings		41143146
111	KAJEET	7/1/2024	
111	Amazon		41144334
111	Apple		41145011
111	Bus Planner	4/1/2023	41143368
111	Prologic ITS	8/17/2023	41144501
111	Amazon		41145322
140	Synovia Solutions LLC	10/1/2025	
140	The App Garden LLC (Routing)	6/30/2027	
140	The App Garden LLC (Trips)	6/30//2027	
140	Bank Of America (TV's, Mounts & Hardware)		
140	Simple Com	4/28/2023	45044
140	Verizon Wireless	9/30/2026	46295
140	Fortress Systems Internation	in Progress	
140	Jay Mccarraher (Reimbursements for HDMI Cables)		
140	Computer/Laptop	in Progress	
150	Synovia Solutions	7/1/2023	
190	Edulog	3/13/2023	Chatham 2023-1
190	Kajeet	8/11/2023	1001705

240	Synovia Solutions LLC	2/13/2024	PO 417
240	Synovia Solutions LLC	2/29/2024	PO 726
270	Edulog	2021-2022	#1104
270	Edulog	2022-2023	#187, #266, #2680, #3274, #3359
270	Edulog	2023-2024	#258
270	Samsara	2021-2022	#1103
270	Samsara	2023-2024	#355, #5112
340	Edulog Logistics, Inc	6/27/2023	Purchase Order # 24000661
360	Bus Planner	12/1/2022	PO #360-10016834
360	CalAmp/Synovia	7/1/2018	PO # 360-10012016
430	Kajeet,INC.	4/29/2024	PO# 101281294
490	Tyler Technologies	11/11/2021	Vendor ID 15068
510	Edulog Logistics, LLC	8/29/2022	153358759
510	Samsara Inc.	8/29/2022	153358759
510	Alpha Communications, Inc	8/29/2022	153358759
510	Kajeet, Inc.	1/23/2024	15370866
540	CalAmp/Synovia	1/18/2023	
540	Safe Fleet	4/25/2024	
540	Magic Mile Media, Inc. dba Neuse News	4/25/2024	
540	Alpha Card Systems, LLC DBA Card Group	4/25/2024	
790	Edulog	1/23/2023	NCROCK 2022-3
790	Synovia		
790	Tyler Technologies		
821	Education Logistics, Inc.	6/3/2022	PO#124935 - NCCLINT- 2022-1
821	Kajeet	7/1/2022	PO #124926 - Q#202202- 032297
821	Angel Trax	2/7/2024	Invoice # - 0661724
860	Education Logistics	11/1/2022	
860	CDW Government	4/1/2023	
861	Tyler Technologies	5/19/2022	861
900	Education Logistics Inc	4/27/2022	687
900	Samsara	4/27/2022	687
960	Education Logistics Inc	7/29/2022	WNCAYN 2022
960	Cambridge Computers	9/26/2022	125529
960	GoDaddy.com	11/21/2020	2383796786
26B	TYLER TECH	12/2/2021	
60 B	Tyler Technologies	7/1/2022	
98A	Tyler Technologies	4/23/2023	1.3100.140.000.000.000.0 0

## Appendix B - Vendor-Provided Software, Hardware, and other Equipment

The below are a PSU-reported itemized list of the goods received. The PSUs were instructed to provide a status of Not Started / In Progress / Complete depending on whether these items were just under contract, were presently being received/installed, or receipt and installation was complete.

PSU	Select Vendor Name	Description of Hardware/Software/Equipment	Quantity	Status
90	Synovia Cal/Amp	Hardware- LMU, PAD, antenna, Software for programs Timekeeper, Here Comes the Bus, Navigation, Ridership	67	Complete
90	Kajeet	Kajeet SmartBus Unlimited (annual plan), SmartBus Hard install kit, Sales tax,	60	Complete
90	Kajeet	Kajeet Router license (Service), Kajeet shipping		
110	Education Logistics	Samsara VG54 Vehicle IoT Gateway (Enterprise Edition)	249	Complete
110	Education Logistics	Samsung Android Tablet	249	In Progress
110	Education Logistics	Edulog WebSchoolAssistant and Edulog WebQuery	249	In Progress
110	Education Logistics	Samsara Telematics (includes diagnostics and DVIR for pre-/post-trip inspection and vehicle diagnostics)	249	Complete
110	Education Logistics	Edulog Parent Portal Basic Software	249	Complete
110	Education Logistics	Edulog Tablet On-Board Operating System with Mobile Data Management, Driver Messaging, Electronic Route Sheets for DriverDirections, Route Substitution, Driver Time and Attendance	249	In Progress
110	Education Logistics	Edulog Student Ridership for Tablets (Special Needs Only)	72	In Progress
110	Server Supply	32 GBPS Fibre Channel SW SFP Plus	6	Complete
110	Tiber Creek Consulting	Dell Poweredge R760 Server Bundle	3	Complete
110	Server Supply	Tranceivers	18	Complete
110	Internetwork Engineering	CISCO Switches	2	Complete
111	Samsara	Front/Rear dash cam/GPS/Student Ridership/Clock in/out	29	In Progress
111	Bus Planner	Bus routing service/Student Ridership/Cost Ananalysis	4	In Progress
111	KAJEET	Bus WIFI	29	Not Started
111	Apple	EC Tablets	20	Complete
111	Amazon	EC Tablet Cases	20	Complete
111	Prologic ITS	Bus GPS Tablet Cases and Mounting Equipment/ Install	25	Complete
111	Trafera Holdings	Bus GPS Tablets and carrying cases	35	Complete
111	Amazon	Aviation Plug for Bus GPS Cameras	30	Complete

140	Synovia Solutions LLC	GPS & Student Ridership	134	Complete
140	The App Garden LLC (Routing)	Routing Software For Routing Students	99	Complete
140	The App Garden LLC (Trips)	GPS & Student Ridership For Educational Field Trips	134	Complete
140	Simple Com	Hardware	46	Complete
140	Verizon Wireless	Wi-Fi Service	46	Complete
140	Fortress Systems Internation	Live camera imaging	45	In Progress
140	Computer/Laptop	New Laptop	1	In Progress
140	Jay Mccarraher (Reimbursments for HDMI Cables)	2	Complete	
150	Synovia Solutions	Annual licenses and software for GPS tracking and diagnostic	25	Complete
190	Edulog	GPS/AVL Tablets	111	Complete
240	Synovia Solutions LLC	Software-"Here Comes the Bus"	105	Complete
240	Synovia Solutions LLC	Turn by Turn Navigatioin		In Progress
240	Synovia Solutions LLC	Driver Sign in		In Progress
240	Synovia Solutions LLC	Student Ridership		Not Started
240	Synovia Solutions LLC	GPS		Complete
240	Synovia Solutions LLC	Hardware-Tablets-Turn by Turn	105	Complete
240	Synovia Solutions LLC	Hardware- Student scanners	105	Complete
240	Synovia Solutions LLC	Hardware- GPS hardware	105	Complete
270	Samsara	Tracking on buses	42	Complete
270	Edulog	Transportation Management	42	Complete
270	Carolina Thomas	Cameras	42	Complete
340	Edulog Logistics, Inc	Samsara VG54 Vehicle IoT Gateway	366	In Progress
340	Edulog Logistics, Inc	Samsung Android Tablet	320	In Progress
340	Edulog Logistics, Inc	Mounting / Dock / Wiring / Kitting for above	366	In Progress
340	Edulog Logistics, Inc	RFID Reader	366	In Progress
340	Edulog Logistics, Inc	EDULOG Smart Bus Software - implementation & project mgmt	0.5	In Progress
340	Edulog Logistics, Inc	EDULOG ATHENA Route management - implementaton & project mgmt	0.5	In Progress

360	BusPlanner	BusPlanner Pro- Pupil transportation routing software	7	Complete
360	BusPlanner	BusPlanner Web with Alerts- internet portal with access to transportation data for public, schools, parents, & transportation staff. Retricted user access with ability to send system subscriptions, alerts, & notifications.	1	Complete
360	BusPlanner	BusPlanner Maps- GIS mapping with ability display/import/export shape file layers	1	Complete
360	BusPlanner	BusPlanner Districts- Redistricting software for school systems	1	Complete
360	BusPlanner	BusPlanner Finance- Cost analysis software to track operational expenditures. Follows annual DPI school bus reimbursement models for Gaston County.	1	Complete
360	BusPlanner	BusPlanner GPS - realtime CalAmp GPS integration within BusPlanner Pro, Chipmunk, & BusPlanner Web	1	Complete
360	BusPlanner	BusPlanner Workflow- online customized forms that track multiple forms for staff. Automated ability to keep stakeholder groups informed every step of process.	1	Complete
360	BusPlanner	Here Comes the Bus App- provides ability for parents to see location of their child in real time, student scans, & current alerts/notifications	1	Not Started
360	BusPlanner	BusPlanner Info-automatedsystem where information can be shared between district applications.	1	Complete
430	Kajeet,INC.	Cradlepoint R1900	134	Complete
430	Kajeet,INC.	WiFi Monthly Plan	938	Complete
490	Tyler Technologies	Universal Heavy-Duty T Harness Kit	280	Complete
490	Tyler Technologies	IOX add-on for GOX for auxillary support	86	Complete
490	Tyler Technologies	6-Pin heavy duty T-Harness for installation where Deutsch	4	Complete
490	Tyler Technologies	Custom 3-wire harness kit contains harness and fuse kit	3	Complete
490	Tyler Technologies	Mounting bracket and materials	287	Complete
490	Tyler Technologies	Single-mode LTE G09 Device	287	Complete
490	Tyler Technologies	Student Rider kit	285	Complete
490	Tyler Technologies	Student Rider PC	1	Complete
490	Tyler Technologies	Verizon Go Data Plan	287	Complete
490	Tyler Technologies	Upgrades Geotab Active Tracking	287	Complete
510	Edulog Logistics, LLC	Sansung Tablets (SM-T220)	333	Complete
510	Edulog Logistics, LLC	RFID Readers (RDR-7582AKU-AN)	333	Complete
510	Edulog Logistics, LLC	RAM-GDS-DOCKL-SAM80CDU (Cradle)	333	Complete

510	Edulog Logistics, LLC	RAM-GDS-DOCKL-NG (Tablet Case)	333	Complete
510	Edulog Logistics, LLC	RAM-GDS-CHARGE-USBC-V8BU (Power Harness)	333	Complete
510	Edulog Logistics, LLC	RAM-101-B-225B2U (Dash Mount)	333	Complete
510	Edulog Logistics, LLC	Athena Routing	1	Not Started
510	Samsara Inc.	VG54 Vehicle IoT Gateway (GPS Units and Accesories)	333	Complete
510	Samsara Inc.	Samsara GPS Tracking Software	1	Complete
510	Edulog Logistics, LLC	Student Onboard Tracking Software	1	In Progress
510	Edulog Logistics, LLC	Bus Tracking Software (Parent App)	1	Complete
510	Edulog Logistics, LLC	Athena Payroll Software	1	Complete
510	Edulog Logistics, LLC	Turn by Turn Navigation	1	Complete
510	Kajeet, Inc.	Cradle Point IBR-1700 Routers	239	Complete
510	Kajeet, Inc.	Bus WiFi w/ Verizon Data Plan & 4G/5G	239	Complete
540	Cal\Amp Synovia Solutions, LLC	Core Track & Trace	149	Complete
540	Cal\Amp Synovia Solutions, LLC	Comparative Analysis	149	Complete
540	Cal\Amp Synovia Solutions, LLC	Time and Attendance	149	Complete
540	Cal\Amp Synovia Solutions, LLC	Engine Diagnostics	149	Complete
540	Cal\Amp Synovia Solutions, LLC	Ridership	149	In Progress
540	Cal\Amp Synovia Solutions, LLC	Navigation	149	Complete
540	Cal\Amp Synovia Solutions, LLC	Here Comes the Bus	149	In Progress
540	Cal\Amp Synovia Solutions, LLC	LMU - 4G Lite	149	Complete
540	Cal\Amp Synovia Solutions, LLC	CalAmp 8W MDT/Tab	149	Complete
540	Cal\Amp Synovia Solutions, LLC	Barcode Readers	149	Complete
540	Safe Fleet	Software - Live Streaming Software	4	In Progress
540	Safe Fleet	Equipment - Cellular Modem V2, LTE, and WIFI Antenna	4	In Progress
540	Safe Fleet	Cellular Data and Cloud Storage	4	In Progress
540	Magic Mile Media, Inc. dba Neuse News	Contracted Service - Advertising for Bids	1	Complete

540	Alpha Card Systems, LLC DBA Card Group	ID Card Printers	19	In Progress
540	Alpha Card Systems, LLC DBA Card Group	CloudBadging Subscription	3	In Progress
540	Alpha Card Systems, LLC DBA Card Group	Supplies	1	In Progress
790	Edulog	Samsara GPS Units	157	Complete
790	Edulog	Tablets	157	Complete
790	Edulog	Parent Portal App	3194	Complete
790	Edulog	Web School Assistant	23	Complete
790	Edulog	Web Query		Complete
790	Edulog	Driver Time & Attendance	120	In Progress
790	Edulog	Turn by Turn Navigation	120	Complete
790	Edulog	Pre/Post Trip Inspections	120	Complete
790	Edulog	Student Ridership		In Progress
790	Edulog	TIMS Route Management & Optimazation		Not Started
821	Education Logistics, Inc.	Samsara VG54 Vehicle IoT Gateway	30	Complete
821	Education Logistics, Inc.	Samsara Telematics	30	Complete
821	Education Logistics, Inc.	Parent Portal Software	30	In Progress
821	Education Logistics, Inc.	Samsung Android Tablet	33	In Progress
821	Education Logistics, Inc.	Edulog Tablet Onboarding	30	In Progress
821	Education Logistics, Inc.	RFID Readers	30	In Progress
821	Education Logistics, Inc.	Edulog Student Ridership	30	In Progress
821	Kajeet	IBR9003Y - 3 Year License	30	In Progress
821	Kajeet	SmartBus Portable Kit	30	In Progress
821	Angel Trax	Improve Bus Camera Operating System	11	In Progress
860	Education Logistics	SAMSARA Telematics (GPS/AVL) with Pre-trip & Vehicle Diagno.	100	In Progress
860	Education Logistics	Tablet OnBoard Operating System	100	Complete
860	Education Logistics	Tablet Time and Attendance	100	Complete
860	Education Logistics	Edulog Parent Portal Basic	100	Complete
860	Education Logistics	Student Tracking Hardware (Readers)	100	Complete
860	Education Logistics	Student Tracking (Cards, Barcode, etc)	3000	In Progress
860	Education Logistics	Student Ridership	2 years	In Progress
860	Education Logistics	Tablet Time and Attendance	100	Complete
860	Education Logistics	Tablet Mounting Kit	100	Complete



860	CDW Government	Lenova Think Pad - laptops	2	Complete
861	Tyler Technologies	Samsung Galaxy Tab Active3 Tablet/Wall Charger	9	Complete
861	Tyler Technologies	Samsung Charging Bus Mount, Hardware and Power Supply	8	Complete
861	Tyler Technologies	Advanced Software Package	1	Complete
861	Tyler Technologies	Ride360 Parent App	1	Complete
861	Tyler Technologies	Tyler Drive Provided as SAAS for Tyler Drive 4 inc. Verizon 4G	9	Complete
861	Tyler Technologies	Student Card Reader Kit	8	Complete
861	Tyler Technologies	Student Card Reader for PC (Wedge)	1	Complete
900	Education Logistics Inc	Active 3 tablets	280	Complete
900	Education Logistics Inc	Tablet mounting hardware	257	Complete
900	Samsara	GPS devices & wiring harnesses	257	Complete
900	Samsara	Dashmount cameras	20	Complete
900	Education Logistics Inc	Webschool Assistant	1	Complete
900	Education Logistics Inc	System Management	1	Complete
900	Education Logistics Inc	Athena Time and Attendance	1	Complete
900	Education Logistics Inc	Athena Routing & Telematics	1	In Progress
900	Education Logistics Inc	Parent Portal	1	Complete
900	Education Logistics Inc	Electronic Route Sheets	1	Complete
900	Education Logistics Inc	Tablet student ridership	1	In Progress
900	Education Logistics Inc	Tablet based seating charts	1	Not Started
900	Samsara	GPS software and reporting	1	Complete
960	Education Logistics Inc	Samsung Active 3 Andriod Tablet	175	Complete
960	Education Logistics Inc	Docking Station	190	Complete
960	Cambridge Computer	Dell PowerEdge R550 Server	1	Complete
960	Education Logistics Inc	Edulog Parent Portal Basic	190	Complete
960	Education Logistics Inc	SAM Telematics (diagnostics & DVIR pre/post inspection)	1	Complete
960	Education Logistics Inc	Samsara VG54 Vehicle gateway	190	Complete
960	Education Logistics Inc	Tablet Onboard Operating System	190	Complete

960	Education Logistics Inc	VG Series J1939 or J1708	182	Complete
960	Education Logistics Inc	VG Series J1708	8	Complete
960	Education Logistics Inc	Cables for Aux inputs	190	Complete
960	Education Logistics Inc	On-vehicle installation of Samsung tables	190	Complete
960	Education Logistics Inc	On-vehicle installation of Samsara VG54	190	Complete
26B	TYLER TECH	TYLER DRIVER FOR TRAVERSE	1	Complete
26B	TYLER TECH	TELEMATICS	2	Complete
26B	TYLER TECH	TYLER DRIVER FOR TRAVERSE	15	Complete
26B	TYLER TECH	TYLER DRIVER FOR TRAVERSE	15	Complete
60 B	Tyler Technologies	Samsung Tablets	33	In Progress
60B	Tyler Technologies	Tablet mount	33	In Progress
98A	Tyler Technologies	Tyler Tech- Pupil transportation routing software	7	Complete
98A	Tyler Technologies	Tyler Tech- internet portal with access to transportation data for public, schools, parents, & transportation staff. Retriected user access with ability to send system subscriptions, alerts, & notifications.	1	Complete
98A	Tyler Technologies	Tyler Tech- GIS mapping with ability display/import/export shape file layers	1	Complete

## Appendix C - Vendor-Provided Services by District

90	Synovia Cal/Amp	Training, support, installation, and project management	Complete
90	Kajeet	Training, support, project management, installation training	Complete
110	Education Logistics	Remote Software Implementation and Project Management Services	In Progress
110	Education Logistics	Parent Portal Basic Remote Software Implementation and Project Management Services	In Progress
110	Education Logistics	Edulog Student Ridership Software Implementation and Project Management Services (Special Needs Only, Non-RFID)	In Progress
110	Education Logistics	Tablet Software Implementation and Project Management Services	In Progress
110	GoDaddy	SSL Certification and Domain Registration	Complete
110	Tiber Creek Consulting	Professional Services - Install and Configure Servers	Complete
111	Samsara	Front/Rear dash cam/GPS/Student Ridership/Clock in/out/student safety	In Progress
111	Bus Planner	Bus routing service/Student Ridership/Cost Analysis	In Progress
111	KAJEET	Bus WIFI	Not Started
140	Synovia Solutions LLC	GPS & Student Ridership	Complete
140	The App Garden LLC (Routing)	Routing Software For Routing Students	Complete
140	The App Garden LLC (Trips)	GPS & Student Ridership For Educational Field Trips	Complete
140	Simple Com	Hardware	Complete
140	Verizon Wireless	Wi-Fi Service	Complete
140	Fortress Systems Internation	Live bus cameras	In Progress
140	Jay Mccarraher (Reimbursements for HDMI Cables)	Complete	
140	Computer/Laptop	Laptop	In Progress
190	Edulog	Received and Installed	Complete
240	Synovia Solutions LLC	Scheduled weekly and monthly training.	Complete
240	Synovia Solutions LLC	All hardware has been installed	Complete
240	Synovia Solutions LLC	There are 13 new buses where the installed hardware on old buses will have to be swapped. New wiring harnesses has been purchased for the new buses.	Not Started
270	Samsara	Tracking	Complete
270	Edulog	Transportation Management	Complete
270	Carolina Thomas	Cameras	Complete
340	Edulog Logistics, Inc	Tablets, GPS, RFID Readers, Installation and Software	In Progress
360	BusPlanner	System Implementation (software, consultation, operational)	Complete
360	BusPlanner	Technical Service Hours (30)	In Progress
360	BusPlanner	User Training	Complete

360	BusPlanner	SaaS Hosting	Complete
430	Kajeet,INC.	Systems installed	Complete
490	Tyler Technologies	Training Routing Specialist how to build routes.	Complete
490	Tyler Technologies	Training of Geotab configuration	Complete
490	Tyler Technologies	Project Management	Complete
490	Tyler Technologies	Solutions Orientation	Complete
490	Tyler Technologies	Removal and Installation of Geo Tablets	Complete
490	Tyler Technologies	Go Data Plan through Verizon Support	Complete
490	Tyler Technologies	Geotab Device plan Active Tracking Support	Complete
490	Tyler Technologies	Go Live Assist	In Progress
490	Tyler Technologies	Telematics Implementation Training	Complete
490	Tyler Technologies	User Creation Training	Complete
490	Tyler Technologies	Report Training	Complete
490	Tyler Technologies	Driver Geotab Training	Complete
510	Edulog Logistics, LLC	Training, support and project management on the parent app, payroll and student tracking.	Complete
510	Samsara Inc.	Training and support on the GPS tracking software	Complete
510	Alpha Communications, Inc	Installation for tablet and GPS hardware and accesories	Complete
510	Kajeet, Inc.	Training and support on Bus WiFi software	Complete
510	Edulog Logistics, LLC	Training, support and project management for routing.	Not Started
540	CalAmp/Synovia	Training	In Progress
540	CalAmp/Synovia	Support	In Progress
540	CalAmp/Synovia	Installation	Complete
540	CalAmp/Synovia	Project Management	In Progress
540	Safe Fleet	Training	Not Started
540	Safe Fleet	Support	Not Started
540	Safe Fleet	Installation	Not Started
540	Safe Fleet	Project Management	Not Started
540	Magic Mile Media, Inc. dba Neuse News	Request for Proposal	Complete
540	Alpha Card Systems, LLC DBA Card Group	Training	Not Started
540	Alpha Card Systems, LLC DBA Card Group	Support	Not Started
540	Alpha Card Systems, LLC DBA Card Group	Installation	Not Started
540	Alpha Card Systems, LLC DBA Card Group	Project Management	Not Started
790	Edulog	Weekly Meeting	In Progress
790	Edulog	Parent Portal Training	Complete
790	Edulog	GPS Install	Complete
790	Edulog	Time & Attendance Pilot at select schools	In Progress
821	Education Logistics, Inc.	Hardware Installation, Software Impementation, Project Management	In Progress

821	Kajeet	Custom 5GB Service Subscription	In Progress
821	Angel Trax	Upgrade to remaining camera operating	In Progress
860	Education Logistics	Professional Services (Training/Support)	In Progress
860	Education Logistics	Student Tracking Hardware Installation	Complete
861	Tyler Technologies	Traversa Core Implementation	Complete
861	Tyler Technologies	Traversa Core Base Training	Complete
861	Tyler Technologies	Map Source (Local GIS)	Complete
861	Tyler Technologies	Project Management	Complete
861	Tyler Technologies	Tyler Drive Configuration Training	Complete
861	Tyler Technologies	Tyler Drive Configuration	Complete
861	Tyler Technologies	Tyler Drive Data Analysis	Complete
861	Tyler Technologies	Tyler Drive Go Live Assist	Complete
861	Tyler Technologies	Telematics Professional Install	Complete
861	Tyler Technologies	Tyler Drive Self Install Training	Complete
861	Tyler Technologies	Student Card reader kit install	Complete
861	Tyler Technologies	Traversa Advance Routing Implementation	Complete
900	Education Logistics Inc	Training, support, installation and project management	In Progress
900	Samsara	Training, support, project management	In Progress
960	Education Logistics Inc	Software managemant, support, training, installation	Complete
26B	TYLER TECH	DISCOVERY TRAINING	Complete
26B	TYLER TECH	DISCOVERY TRAINING	Complete
60 B	Tyler Technologies	Routing Software For Routing Students	Complete
60 B	Tyler Technologies	Planning	Complete
60 B	Tyler Technologies	Traversa Implentation	Complete
60 B	Tyler Technologies	Tyler Drive Configation	Complete
60 B	Tyler Technologies	Traversa Core Base Training	Complete
60 B	Tyler Technologies	Drive Installation	Complete
60B	Tyler Technologies	Traversa Code SaaS Training	Complete
60B		Software Verizon	In Progress
60B		Software Edulog	In Progress
98A	Tyler Technologies	System Implementation (software, consultation, operational)	Complete
98A	Tyler Technologies	Technical Service Hours	Complete
98A	Tyler Technologies	User Training	Complete