

Memo

To: Pierce County Board of Education, Pierce County Board of Commissioners, Interested Parties, General Public

From: James Horton, Southern Georgia Regional Commission Transportation Planner

Cc: Chelsea Weldon, Sr. School Outreach Coordinator – South Georgia

Date: February 7, 2022

Re: Vehicular Crashes within ½ Mile Radius of Pierce County Schools

Introduction

The Southern Georgian Regional Commission and the State of Georgia's Safe Routes to School (SRTS) program partner with local governments and agencies to determine how to make roads and public rights-of-way safer for all users. Traffic safety around schools is a key concern due to a combination of vulnerable road users (in particular, children who walk or bike to school), periods of high traffic volume (e.g., school drop-off and pick-up times), high-risk drivers (e.g., high school students), and school bus traffic. The purpose of this memo is to provide information regarding traffic safety around schools in Pierce County. This information may be used to help determine future investments in transportation infrastructure; to identify priorities for road user education and law enforcement; and to inform future transportation plans and policies.

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This memo examines crash trends for locations within ½ mile radius of public and private schools in Pierce County over a five-year period from January 1, 2017 through December 31, 2021. According to data provided by the Georgia Department of Transportation, Pierce County experienced 1,487 crashes during this time period in the public right-of-way. Out of this total, only 135 crashes fell within the ½ mile radius of a school. When the more specific criteria of time of day and day of week were applied, only 79 total crashes met the study criteria and were considered in this report.

According to the 2020 US Census, Pierce County, Georgia has a population of 19,716 residents covering 343 square miles. Located in South Georgia, Pierce County has four governments including the County of Pierce, the incorporated city of Blackshear (county seat), and the incorporated cities of Patterson and Offerman.

The Pierce County Board of Education is located in Blackshear and operates five school facilities within the county: Blackshear Elementary, Midway Elementary, Patterson Elementary, Pierce County Middle and Pierce County High School. In addition to the five public school facilities in Pierce County, there is one private school known as Crossroads Christian Academy. Crossroads Christian Academy which currently includes Pre-K through the 11th grades with a goal of establishing a 12th grade, with accredited high school graduation in 2023. In total, there are 3,731 students currently enrolled in school programs within Pierce County.

Well defined parameters are used to focus a study such as this. Traditionally, a five-year time span, ½ mile radius circle drawn around the school, the week days and the times of morning intake and afternoon dismissal are the basic parameters. To define the intake and dismissal time parameters, a review of school schedules is necessary. The schools with the earliest and latest intake and earliest and latest dismissal times will be used to set the study time parameters. Patterson Elementary School and Midway Elementary both have the earliest morning bus unload beginning at 7:00 am. Pierce County High School had the latest intake time with a 7:55 am call to class. With these times in mind, the study hours for morning intake will be set from 7:00 am to 8:30 am. Blackshear Elementary had the earliest dismissal beginning at 2:15 for bus riders and Pierce High School had the latest dismissal with classes ending at 3:30 pm. Based in this information, the study hours for dismissal will be 2:00 pm to 4:00 pm.

The Pierce County Board of Education follows a traditional grade arrangement whereby elementary schools include grades kindergarten through fifth grade (K-5), middle schools include grades sixth through eighth (6-8) and high schools include grades ninth through twelfth (9-12). With this in mind, it will be assumed for this study that Pierce County Elementary and Middle School students will get to school by school bus, private vehicle drop-off, walking or bicycling. We will further assume that the Pierce County High School students will get to school by school bus, private vehicle drop-off, walking, bicycling or by self-driving to school in private vehicles. Crossroads Christian Academy serves students K-11 and does not provide a bussing system, so therefore most students are dropped off and picked up in private vehicles.

Following is a listing of the schools in the county with written facts about enrollment, location, etc. and a map of the ½ mile radius study area surrounding each building. The study area depicts the school building with a small square in the center of the circle. The roads and streets in the study area are visible as well as the individual crash sites

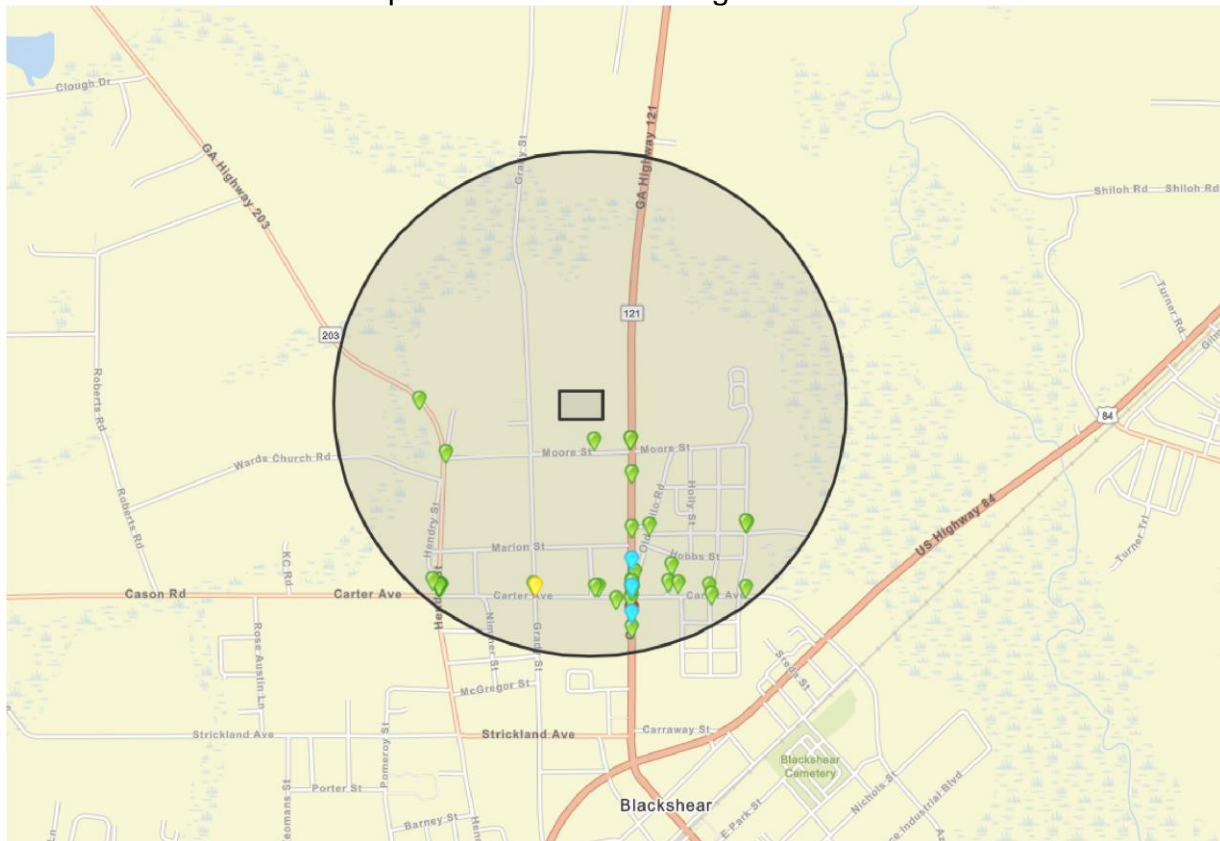
which are depicted by colored push pin symbols on the map at the actual crash location. Maps included within the study are for representative purposes only and are not to scale. Each map contains a legend which shows the push pins in their representative color with corresponding description.

Blackshear Elementary School





Blackshear Elementary School is one of three elementary schools supported by the Pierce County Board of Education in Pierce County. Blackshear Elementary is located at 5217 Georgia Highway 121 North, also known as GA-15, in Blackshear, Georgia. The school includes grades kindergarten through fifth grades (K-5) and has a total of 750 students.

Within the ½ mile radius of Blackshear Elementary School, over the five-year study period from 1-1-2017 to 12-31-2021, there was a total of 42 crashes that occurred, but of the total, only 19 (nineteen) were related to the study parameters. The crashes happened on six different roads/streets with the majority of them occurring on GA Highway 121 and Carter Avenue.

Map depicts Blackshear Elementary as a small square box in the center of a circle with the circle representing a half-mile (1/2) radius study area surrounding the school in all directions. Crashes are depicted in color with a legend below.



Map Legend

-  Property
-  Complaint Injury
-  Minor Injury
-  Serious Injury
-  Fatality

Blackshear Elementary School

Map not to Scale

North ▲

Blackshear Elementary School has its main entrance off of Georgia Highway 121, which is also known as State Route 15 and Gordon Street, in the City of Blackshear. The school also has some secondary entrances connecting to Moore Street south of the school.

Of all of the streets/roads within the study area, Georgia Highway 121(N/S) had the most crashes at 11. For ease of interpretation, the following chart better summarizes the characteristics of the crashes on a particular street/road when the number is greater than five (5).

School Name: Blackshear Elementary School		
Address: 5217 Georgia Highway 121 North		
Road Name: SR-15, or GA Hwy. 121, or Gordon Street		
<u>Date of Occurrence</u>	<u>Direction of Travel</u>	<u>Type of Crash</u>
2017 1	Northbound: 4	Rear-end: 7
2018 1	Southbound: 6	Sideswipe: 0
2019 3	Eastbound: 0	Angle: 1
2020 3	Westbound: 1	T-Bone: 0
2021 3	<u>Causation of Crash</u>	Other: 3
Total Crashes: 11		<u>Factors</u>
<u>Crash Time of Day</u>	Teen Driver at Fault: 2	Weather/Visibility: 0
7:00am-8:30am: 7	Teen Driver Impacted: 0	Alcohol: 0
2:30pm-4:00pm: 4	Non-teen Driver at Fault: 9	Distracted: 5
<u>Notes:</u>	<u>Non-motor Crashes</u>	<u>Injury Category</u>
	Bicycle: 0	Property Damage Only: 10
	Pedestrian: 0	Injuries: 1
		Fatalities: 0

Carter Avenue, a major E/W street connecting to Cason Road, south of the Blackshear Elementary School appears to have a high number of crashes, however only three (3) fell within the parameters of the study. Each of the three crashes involved two vehicles. Of those, two occurred in 2019 during the morning within the study hours of 7:00 am to 8:30 am and one occurred in 2020 in the within the study hours of 2:00 pm to 4:00 pm, all on weekdays. The first of the morning crashes involved a teen driver at fault impacting a non-teen driver with minors as passengers. The other crash involved a non-teen driver impacting a non-teen driver. The impacted vehicle contained minors as passengers. The afternoon crash involved a teen driver at fault impacting a non-teen driver. Besides the drivers of the two vehicles, there were no other passengers. From the information provided, it can be deduced that two of three drivers at fault were teens and two of the non-teen drivers impacted were transporting minors. Two of the three crashes involved rear-ends. There were no injuries reported as the crashes resulted in property damage only. There were no weather factors reported and no alcohol involved in the reported crashes.

Next, State Route 203 had a total of two (2) crashes located within the study parameters. Both crashes happened during the morning intake between 7:00 am to 8:30 am. One crash involved a single driver hitting a deer and the other involved two vehicles. The crash with two vehicles involved a non-teen driver at fault impacting a non-teen driver with no minors in either vehicle and no injuries reported.

Within the remainder of the study area of Blackshear Elementary, there was a total of three (3) other individual crashes each on different streets/roads. A crash on Cameron Drive in 2017 occurred within the afternoon between 2:00pm to 4:00 pm involving two vehicles with no injuries and no minors as passengers. A second crash occurred at the intersection of Jackson Street and Grove Hill Avenue in 2021 in the afternoon involving two vehicles with no injuries. In this crash, a non-teen driver with no passengers impacted a non-teen driver with no passengers. There were no injuries, just property damage only. A third crash occurred in the afternoon along Jackson Street where a single vehicle, a tractor trailer, caught a power line while turning.

In summary, there were nineteen (19) total crashes meeting the qualifications of the study parameters. There were no fatalities, and only one injury reported. Eighteen (18) of the crashes involved property damage only. No pedestrians or bicyclists were involved in any of the crashes. The majority of the crashes were rear end type and occurred on State Road 15 (SR 15). At present, it appears that there is no need for further study of crashes in the study area of Blackshear Elementary School, however there may need to be some kind of public education about following too closely.

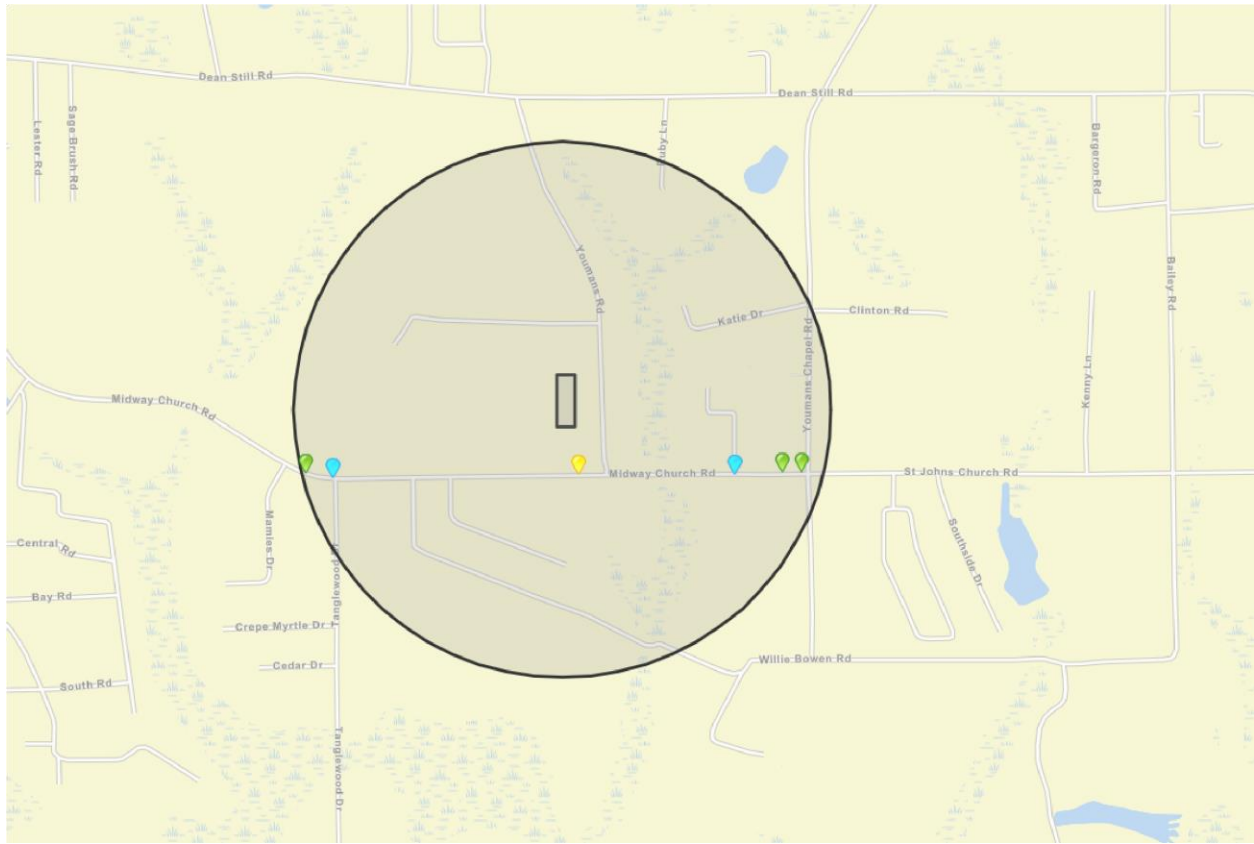
Midway Elementary School

Midway Elementary School is located at 3244 Midway Church Road in Blackshear, Georgia. The school includes grades kindergarten through fifth (K-5) and has a total of 481 students. Midway Elementary School fronts onto, and has its main access driveways connected to, Midway Church Road. In addition, it also has vehicular access via driveways connected to Youmans Road.

Within the ½ mile radius of Midway Elementary School, over the five-year study period (1-1-2017 to 12-31-2021) there was a total of only six (6) crashes that occurred. However, of the six crashes, only one (1), occurring on Midway Church Road, met the qualifications of the study parameters.

The Midway Church Road crash occurred in 2021 at 7:00 am during the morning intake hours of the school. The driver at fault was a teen driver, aged 17, preparing to turn into the drive of Midway Elementary School from Midway Church Road. The impacted driver was also a teen driver, aged 17, who was coming from the opposite direction. The driver at fault began a turn into the driveway of the school when the vehicle crashed into the front of the other vehicle. Both vehicles moved some distance before coming to a rest. There were no factors such as weather conditions, alcohol or distraction reported. There were no pedestrians or bicyclists involved in the crash. As a result of the crash, there was one injury reported.

Map depicts Midway Elementary School as a small square box in the center of a circle with the circle representing a half-mile (1/2) radius study area surrounding the school in all directions. Crashes are depicted in color with a legend below.



Map Legend

- Property
- Complaint Injury
- Minor Injury
- Serious Injury
- Fatality

Midway Elementary School

Map not to Scale

North ▲

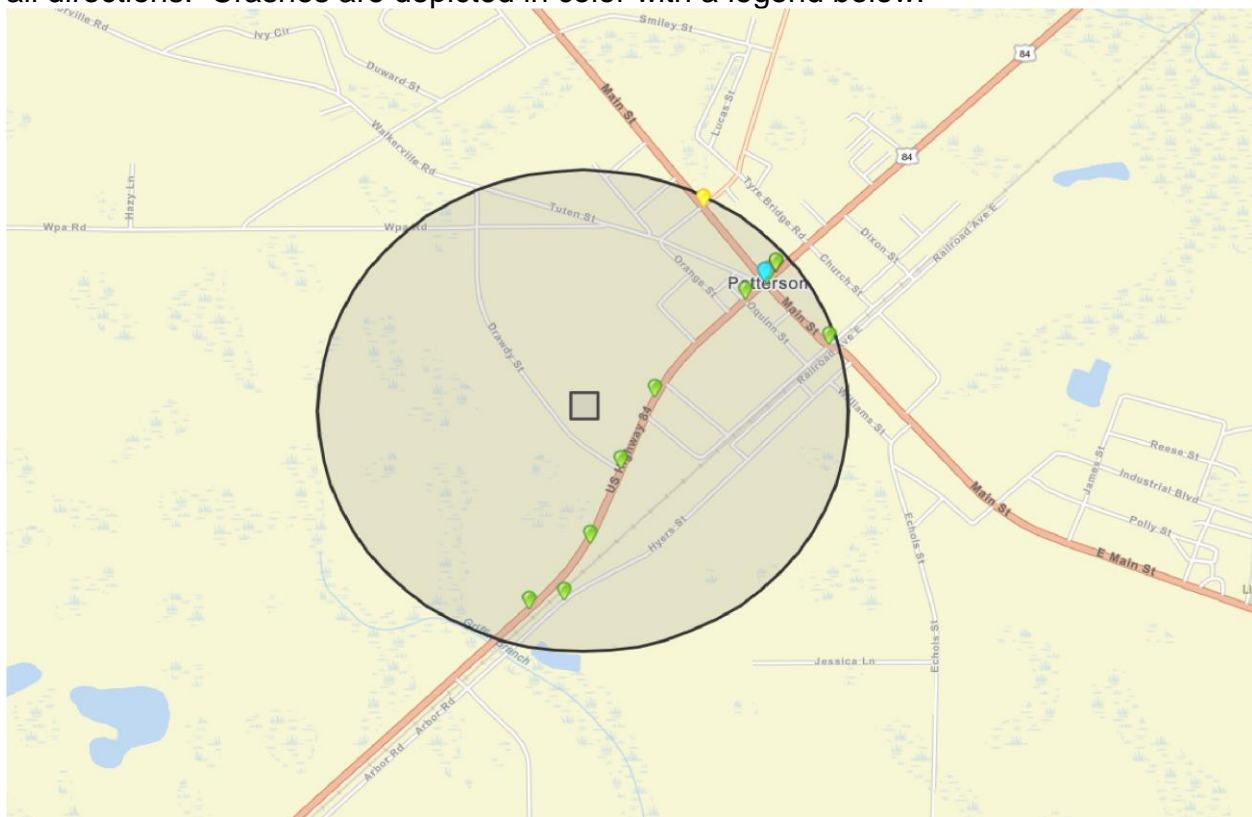
In summary, with only one documented crash relating to the time of day (7:00 am-8:30am), day of week (M-F), and study area of Midway Elementary School (1/2-mile radius) over the five-year period (2017-2021), it can be surmised that there is no need for further study of the crashes occurring in the study area of Midway Elementary School at this time.

Patterson Elementary School

Patterson Elementary School is located at 3414 Drawdy Street in Patterson, Georgia. It contains grades kindergarten through fifth Grade (K-5) and has a total of 488 students. Patterson Elementary School has its main and only entrance from Drawdy Street.

Within the ½ mile radius of Patterson Elementary School, over the five-year study period from 1-1-2017 – 12-31-2021 during the hours of 7:00am – 8:30am and 2:00pm – 4:00pm, there was a total of six (6) crashes that occurred, and of those, zero (0) crashes were related to the study parameters.

Map depicts Patterson Elementary School as a small square box in the center of a circle with the circle representing a half-mile (1/2) radius study area surrounding the school in all directions. Crashes are depicted in color with a legend below.



Map Legend

Patterson Elementary School

Map not to Scale

North ▲

- Property
- Complaint Injury
- Minor Injury
- Serious Injury
- Fatality

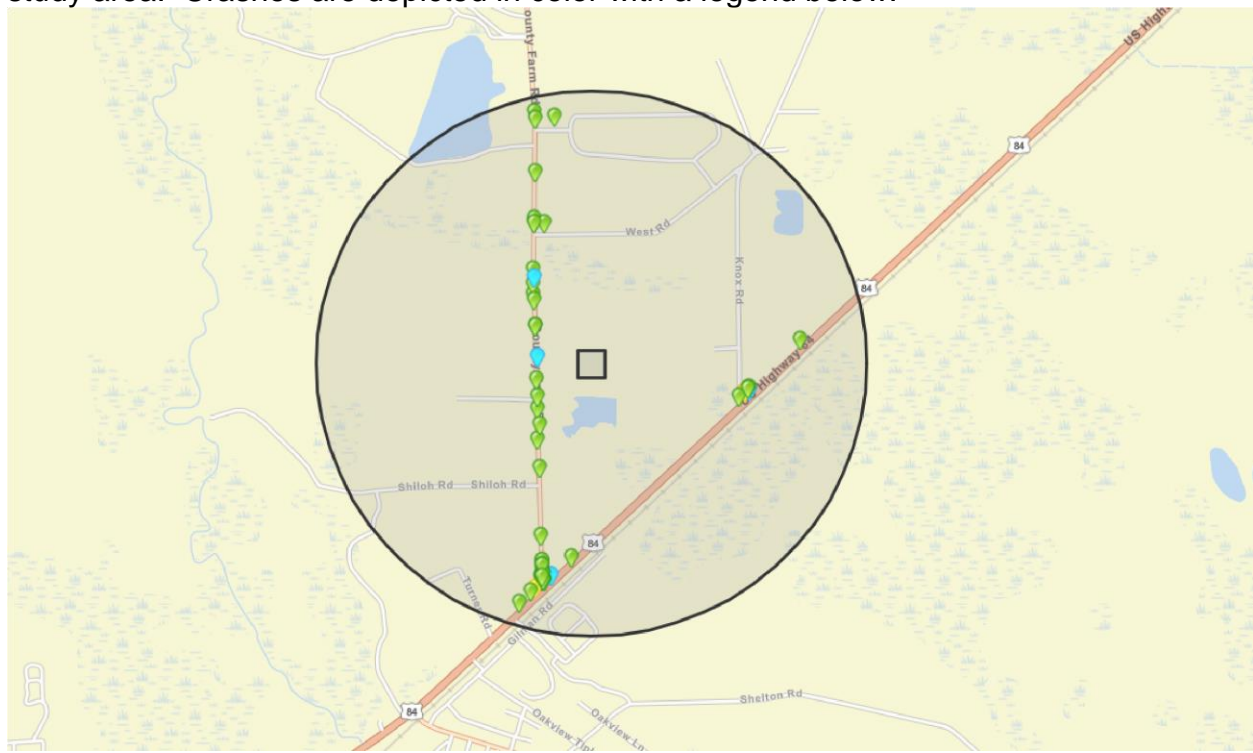
In summary, with zero (0) documented crashes relating to the study parameters, it can be surmised that there is no need for further study of the crashes occurring in the study area of Patterson Elementary School at this time.

Pierce Middle School






Pierce Middle School is located at 5216 County Farm Road in Blackshear, Georgia. It is the only middle school operated by the Pierce County Board of Education and includes grades sixth through eighth (6-8) with a total of 816 students. Pierce Middle School fronts onto County Farm Road south of Pierce County High School and has its only vehicular access off of County Farm Road.

Within a ½ mile radius of Pierce Middle School over a five-year study period from 1-1-2017 through 12-31-2021, there was a total of 55 crashes that occurred. However, of this total, 36 (thirty-six) met the more refined project parameters of day of week (M-F) and time of day 7:00am to 8:30 am and 2:00pm to 4:00pm. The crashes occurred on only two roads within the study area – County Farm Road and U.S. Highway 84. The majority of the crashes, 27 (twenty-seven) occurred on County Farm Road. U.S. Highway 84 had the next highest crash rate with nine (9) crashes.

Map depicts Pierce Middle School as a small square box in the center of a circle with the circle representing a half-mile (1/2) radius around the school in all directions as a study area. Crashes are depicted in color with a legend below.



Map Legend

-  Property
-  Complaint Injury
-  Minor Injury
-  Serious Injury
-  Fatality

Pierce County Middle School

Map not to Scale

North ▲

The number of crashes occurring on County Farm Road and U.S. Highway 84 will best be depicted in chart form for ease of interpretation. Following see the crash specifics in chart form for the two roads.

School Name: Pierce County Middle School		
Address: 5216 County Farm Road Blackshear, GA		
Road Name: County Farm Road		
<u>Date of Occurrence</u> 2017 8 2018 5 2019 3 2020 3 2021 8 Total Crashes: 27	<u>Direction of Travel</u> Northbound: 5 Southbound: 22 Eastbound: 0 Westbound: 0	<u>Type of Crash</u> Rear-end: 22 Sideswipe: 0 Angle: 4 T-Bone: 1 Other: 0
<u>Crash Time of Day</u> 7:00am-8:30am: 10 2:30pm-4:00pm: 17	<u>Causation of Crash</u> Teen Driver at Fault: 18 Teen Driver Impacted: 15 non-teen Driver at Fault: 9 Non-teen Driver Impacted: 20	<u>Factors</u> Weather/Visibility: 1 Alcohol: 0 Distracted: 6
<u>Notes:</u> 2017 morning crash involving a school bus. 2018 afternoon bus crash with 15 students onboard. Four crashes involving school driveway.	<u>Non-motor Crashes</u> Bicycle: 0 Pedestrian: 0	<u>Injury Category</u> Property Damage Only: 26 Injuries: 1 Fatalities: 0

School Name: Pierce County Middle School		
Address: 5216 County Farm Road		
Road Name: U.S. Highway 84		
<u>Date of Occurrence</u> 2017 2 2018 1 2019 2 2020 2 2021 2 Total Crashes: 9	<u>Direction of Travel</u> Northbound: 0 Southbound: 0 Eastbound: 7 Westbound: 2	<u>Type of Crash</u> Rear-end: 8 Sideswipe: 0 Angle: 0 T-Bone: 0 Other: One (1) Pedestrian Crash
<u>Crash Time of Day</u> 7:00am-8:30am: 7 2:30pm-4:00pm: 2	<u>Causation of Crash</u> Teen Driver at Fault: 4 Teen Driver Impacted: 4 non-teen Driver at Fault: 5 Non-teen Driver Impacted: 5	<u>Factors</u> Weather/Visibility: 1 Alcohol: 1 Distracted: 3
<u>Notes:</u> Pedestrian was a crossing guard with parked vehicle with flashing lights and was in crosswalk directing traffic.	<u>Non-motor Crashes</u> Bicycle: 0 Pedestrian: 1	<u>Injury Category</u> Property Damage Only: 4 Injuries: 8 Fatalities: 0

In summary, County Farm Road is a two-lane local road with no middle turn lane, no bicycle lanes and no sidewalk. It provides the main access to both Pierce County Middle School and Pierce County High School within 1.13 miles of each other. The combined student enrollment of the two schools is 1,916 not including faculty and staff. Pierce Middle is located on the southern portion of County Farm Road about one-half mile north of the intersection of U.S. Highway 84. Pierce County High School is located about ½ mile further down County Farm Road to the north of Pierce Middle. Students at Pierce Middle are admitted to classrooms or breakfast at 7:40 am and homeroom begins at 8:10am. Students at Pierce High can access the building as early as 7:30 am but the majority arrive at 7:45 am for breakfast or entrance to the building. Homeroom begins at 8:10 am.

There is a strong potential that the high number of vehicles utilizing County Farm road to access both the Middle and High school at the same time is related to the high number of crashes along the road. Although the number of crashes on County Farm Road was high at 27 and the number of drivers and passengers involved was high at 102 in total, there was only one injury which is less than one percent at .98%. The vast majority of the crashes were rear ends. Although the posted speed limit on County Farm Road is 45 miles per hour, the fact that the road is a two-lane only and crowded with vehicles during the intake and dismissal hours of the school could be causing a lower speed which in turn could be related to the very low occurrence of injuries.

U.S. Highway 84, also known as SR-38, is a major east-west four-lane divided highway used for travel and transport across several states and has a posted speed of 45 miles per hour as it passes through the study area for Pierce Co. High School. There was a total of nine (9) crashes that occurred during the five-year period that met the parameters of the study. Although there were 27 crashes on County Farm Road there was only one reported injury which equal to 3.7% injury rate to crashes. U.S. Highway 84 had only 1/3 the number of crashes at nine (9) as County Farm Road at 27, but substantially more reported injuries at eight (8) which is equal to an 88.9% injury rate to crashes.

Two main differences between County Farm Road and U.S. Highway 84 are: 1. County Farm Road is a two-lane local road and U.S. Highway 84 is a major four-lane divided highway; 2. County Farm Road is utilized for more local traffic and U.S. Highway 84 is used for regional traffic, the transport of goods on trucks and tractor trailers and travelers passing through the area to other destinations.

The number of crashes within the study area of Pierce Middle School appears to be significant compared to the other schools within the county. The fact that Pierce County High School is located on the same road a little over a mile to the north may be compounding the problem. The majority of the crashes on County Farm Road did occur within the study area of Pierce County Middle School. There appears to be a need to assess road safety and capacity conditions, posted speed and offer general driver education for students and the general public.

In response to increased traffic accessing Pierce Middle School and Pierce High School, both located on County Farm Road, Georgia Department of Transportation (GDOT) is in the planning stages for some roadway improvements. The improvements fall under the Transportation Investment Act (TIA) program which are aimed at

improving traffic flow and safety. One proposed location includes turning lane improvements and traffic control signals at the intersection of U.S. Highway 84 and County Farm Road, to the south of Pierce Middle School. Other improvements proposed by GDOT include traffic control signals for the intersection of U.S. Highway 84 and New School Road which leads to the intersection of County Farm Road and New School Road north of Pierce County High School.

Pierce County High School

Pierce County High School is located at 4850 County Farm Road in Blackshear, Georgia. It is the only high school operated by the Pierce County Board of Education and has an enrollment of 1,100 students. The school was constructed in 2018-2019 and occupied by students in 2020. The school contains grades ninth through twelfth (9-12) and is set on a large parcel also containing sports fields. Pierce County High School is accessed by vehicle from County Farm Road and New School Road. Noteworthy is the fact that when the new Pierce County High was constructed, the section of County Farm Road that fronts the school had to be moved and re-aligned to fit the new school layout.

In addition to Pierce County High School on County Farm Road is Pierce Middle School about 1.13 miles south of the high school. The total student population between the two schools is 1,916 not including faculty and staff.

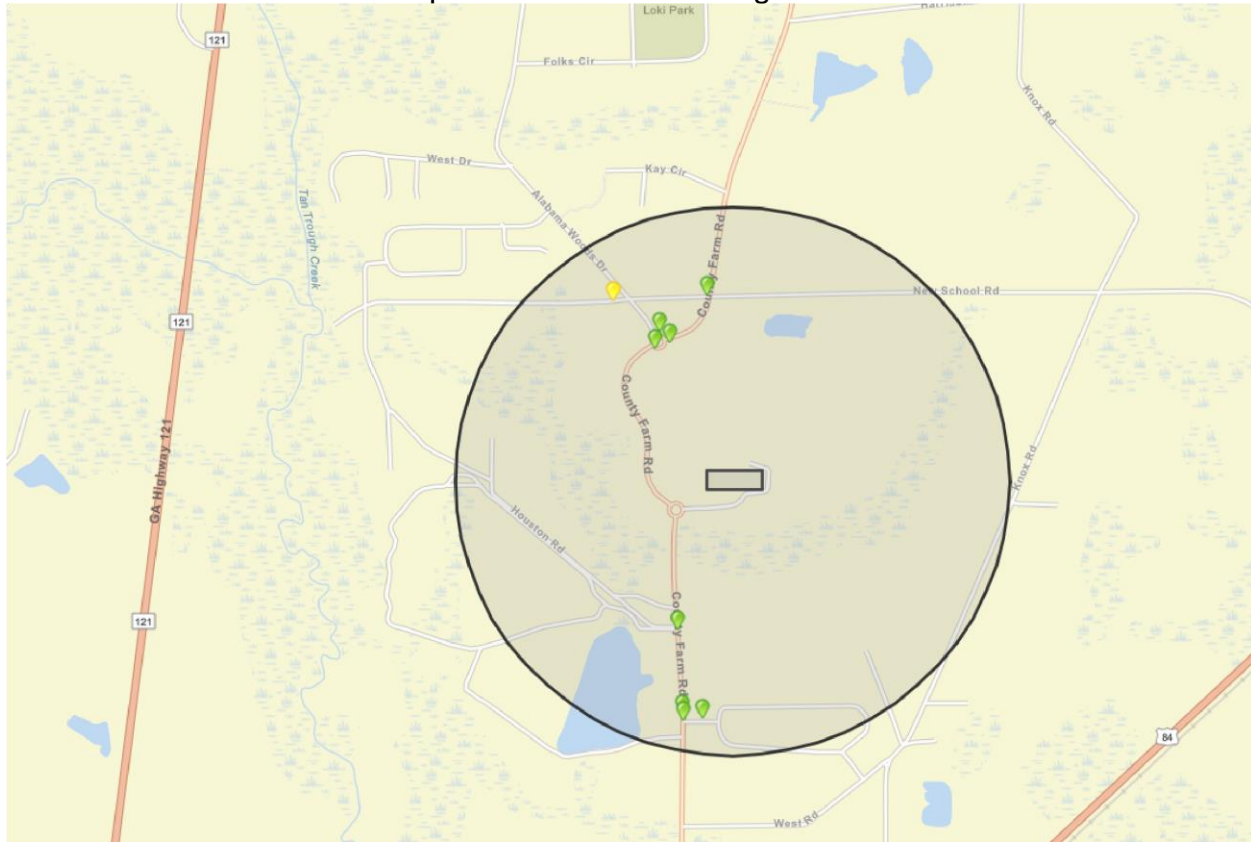
Within a ½ mile radius of Pierce County High School over a five-year study period from 1-1-2017 through 12-31-2021, there was a total of nine (9) crashes that occurred. However, of this total, only four (4) met the more refined project parameters of day of week (M-F) and time of day (7:00am to 8:30am and 2:00pm to 4:00pm). Three of the crashes occurred on County Farm Road and one occurred at the intersection of County Farm Road and Money Hole Road.

Of the crashes that occurred on County Farm Road, two (2) happened in 2017 and one in 2021. Of the two that occurred in 2017 on County Farm Road, one involved an empty school bus that had dropped off students and was leaving the area. The bus was heading north on County Farm Road near the intersection of Meadow Circle about halfway between the middle school and the high school. The driver at fault fell asleep and rear ended the bus. Another crash that occurred on County Farm Road in 2017 involved a teen driver at fault impacting a teen driver in a rear end collision. In 2021, another crash occurred on County Farm Road within the study area involving one vehicle where the non-teen driver at fault was distracted and ran off the road landing in a ditch. The fourth and final crash occurred on Money Hole Road at the intersection of Money Hole Road and County Farm Road. The crash involved a non-teen driver at fault impacting a non-teen driver in a distracted rear end collision.






In total there were four (4) documented crashes that occurred which met the study parameters. None of the four crashes involved alcohol or poor road conditions. No bicyclists or pedestrians were involved in any of the crashes. None of the crashes resulted in any deaths or injuries and all four were property damage only. With this in

mind, it appears that there is no need for further study of the Pierce County High School crash rate at this time. Although there is no need for further crash study, there may be an opportunity for the school to develop a distracted driving awareness campaign.

Map depicts Pierce County High School as a small square box in the center of a circle with the circle representing a half-mile (1/2) radius study area surrounding the school in all directions. Crashes are depicted in color with a legend below.



Map Legend

-  Property
-  Complaint Injury
-  Minor Injury
-  Serious Injury
-  Fatality

Pierce County High School

Map not to Scale

North ▲

In response to increased traffic accessing Pierce Middle School and Pierce High School, both located on County Farm Road, Georgia Department of Transportation (GDOT) is in the planning stages for some roadway improvements. The improvements fall under the Transportation Investment Act (TIA) program which are aimed at improving traffic flow and safety. One proposed location includes turning lane improvements and traffic control signals at the intersection of U.S. Highway 84 and County Farm Road, to the south of Pierce Middle School. Other improvements proposed by GDOT include traffic control signals for the intersection of U.S. Highway 84 and New School Road which leads to the intersection of County Farm Road and New School Road north of Pierce County High School.

Crossroads Christian Academy

Crossroads Christian Academy is located at 2193 Golf Course Road in Pierce County, Georgia at the intersection of Golf Course Road and Bonneyman Road – both two-lane county roads.

Crossroads Christian Academy is a private school that includes grades kindergarten through eleventh (K-11) presently and plans to add an accredited 12th grade with graduation program by 2023. The school presently has a total of 96 students enrolled and has a faculty and staff of 13. Crossroads Christian does not offer a bussing option for students and there are no student drivers at this time. All current students are dropped off at the school in private vehicles.

Within a ½ mile radius of Crossroads Christian Academy over a five-year study period from 1-1-2017 to 12-31-2021, there was a total of 66 crashes that occurred. However, of this total, only 19 (nineteen) met the more refined project parameters of day of week (M-F) and time of day (7:00am to 8:30am and 2:00pm to 4:00pm). Of the 19 crashes, the majority, twelve (12), occurred on U.S. Highway 84 also known as SR 38.

Within the study area, U.S. Highway 84 is a four-lane major highway with a center turning lane, no bicycle lanes and no sidewalks. With the fact that U.S. Highway 84 had 12 crashes related to the study area and period, it will be simpler to view the data in chart form for easier assessment. Following you will see a chart depicting the twelve (12) crashes that occurred on U.S. 84 that met the study criteria.

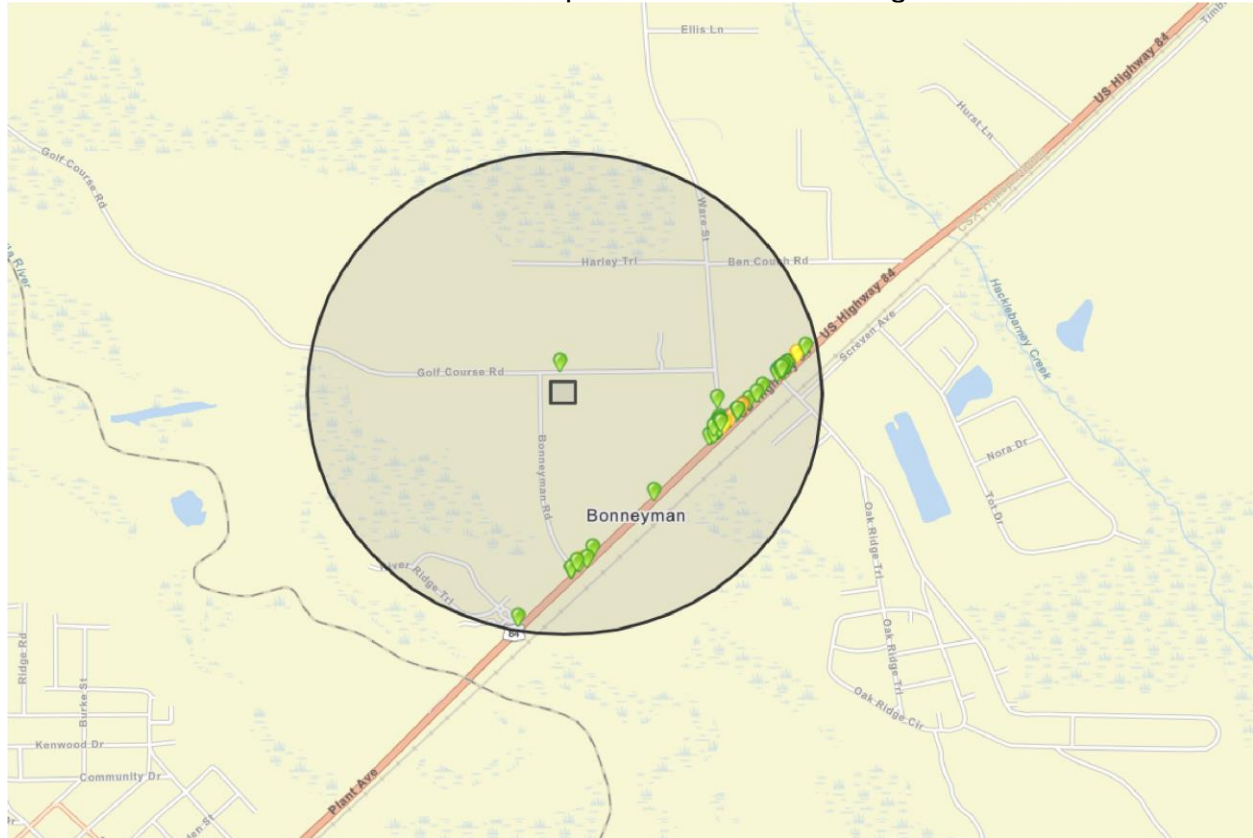
School Name: Crossroads Christian Academy		
Address: 2193 Golf Course Road		
Road Name: U.S. Highway 84 (SR-38)		
<u>Date of Occurrence</u> 2017 5 2018 3 2019 1 2020 2 2021 1 Total Crashes: 12	<u>Direction of Travel</u> Northbound: 0 Southbound: 0 Eastbound: 3 Westbound: 9	<u>Type of Crash</u> Rear-end: 3 Sideswipe: 5 Angle: 2 T-Bone: Other: 2 -- One misjudged turn & one ran off road into a ditch
<u>Crash Time of Day</u> 7:00am-8:30am: 7 2:30pm-4:00pm: 5	<u>Causation of Crash</u> Teen Driver at Fault: 0 Teen Driver Impacted: 0 non-teen Driver at Fault: 12 Non-teen Driver Impacted: 10	<u>Factors</u> Weather/Visibility: 0 Alcohol: 0 Distracted: 0
<u>Notes:</u> Posted speed 55mph There were two single car crashes - one hit a pole and another ran into a ditch. In a separate crash in 2017 an ambulance driver at fault impacted a car in a sideswipe.	<u>Non-motor Crashes</u> Bicycle: 0 Pedestrian: 0	<u>Injury Category</u> Property Damage Only: 10 Injuries: 2 Fatalities: 0

Ware Street had the next highest number of crashes in the study area with a total of six (6) crashes. Following is a chart of the crashes that occurred on Ware Street within the study area and parameters.

School Name: Crossroads Christian Academy		
Address: 2193 Golf Course Road		
Road Name: Ware Street		
<u>Date of Occurrence</u>	<u>Direction of Travel</u>	<u>Type of Crash</u>
2017 2	Northbound: 0	Rear-end: 6
2018 0	Southbound: 6	Sideswipe: 0
2019 1	Eastbound: 0	Angle: 0
2020 0	Westbound: 0	T-Bone: 0
2021 3		Other: 0
Total Crashes: 6	<u>Causation of Crash</u>	
<u>Crash Time of Day</u>	Teen Driver at Fault: 0	<u>Factors</u>
7:00am-8:30am: 4	Teen Driver Impacted: 0	Weather/Visibility: 0
2:30pm-4:00pm: 2	non-teen Driver at Fault: 6	Alcohol: 0
<u>Notes:</u>	Non-teen Driver Impacted: 6	Distracted: 0
-	<u>Non-motor Crashes</u>	<u>Injury Category</u>
	Bicycle: 0	Property Damage Only: 4
	Pedestrian: 0	Injuries: 2
		Fatalities: 0

There was only one other crash that met the qualifications of the study criteria and it occurred on Golf Course Road in 2018 in the afternoon at 2:13pm. Two vehicles were involved and both vehicles were traveling southbound. The driver at fault was changing lanes and crashed into the impacted driver in an angle collision. It was raining but vision was not obscured and there was no alcohol, no injuries or fatalities. Neither driver was a teen driver.

Map depicts Crossroads Christian Academy as a small square box in the center of a circle with the circle representing a half-mile (1/2) radius study area surrounding the school in all directions. Crashes are depicted in color with a legend below.



Map Legend

- Property
- Complaint Injury
- Minor Injury
- Serious Injury
- Fatality

Crossroads Christian Academy

Map not to Scale

North ▲

In summary, within the study area for Crossroads Christian Academy, there was a total of 19 (nineteen) crashes that fell within the study area and parameters. In all of the crashes reviewed, there were only four injuries with no fatalities and no pedestrians or bicyclists were involved. The majority of the crashes occurred on U.S. Highway 84 which is a four-lane multi-state highway with a high volume of daily traffic used for travel and transport of goods long distances in addition to local use in Pierce County by county residents. Although U.S. Highway 84 is within the study area and did have 12 crashes over the study period of 2017-2021, the crashes do not appear to relate to the safety of students coming and going from Crossroads Christian Academy.