City of Loganville

Request for School Zone Investigation Report

Date: July 3, 2023

District: Gainesville (District 1)

ORIGIN, LOCATION, REASON: Baker Carter Road is an off-system road which is located in the City Limits of Loganville, Walton County Georgia. A traffic study was completed at the request of the Victory Baptist Church School to determine if a school zone was appropriate at the back entrance to the school. The study was conducted for both pedestrian and vehicle traffic. There is no school zone at the present time. The posted limit is 35 mph. Based on the results of the traffic study, a school zone of 25 mph for this roadway is appropriate.

AREA DESCRIPTION: Baker Carter Road is primarily a two-lane roadway with deceleration/right turn lanes in some areas. The pedestrian and vehicle traffic is heavy both during school and after school, and during school sporting events. It is a residential area. The road begins at Georgia State Route 81 and ends at Tommy Lee Fuller Drive. The entire segment is within the city limits and currently on our radar permit at 35 mph.

<u>VOLUME:</u> During our traffic study of one week (7 Days), there were a total of 7,440 vehicles traveling this roadway. See attached Traffic Survey Analysis Report.

SPEED DATA: The current posted speed limit is posted at 35 mph for the entire length of the roadway. As stated above, the study revealed a total of 7,440 vehicles traveled the roadway in the seven-day evaluation period. Of these, 6,523 vehicles (88%) were exceeding the posted speed limit. Of those, 1,653 vehicles (22%) were in the enforcement zone of >10 mph over the posted speed limit. The study also showed that 369 vehicles (5%) were at least 15 mph above the posted speed limit of 35 mph.

ACCIDENT HISTORY: Walton County 911 CAD shows eleven accidents on this roadway in 2023.

SIGHT DISTANCE: The roadway is curved and unleveled with no sight obstructions. There is no grade greater than 7% in the designated area of study.

CONCLUSION & RECOMMENDATION: The current posted 35 mph is appropriate for the roadway with the exception of a high traffic flow when school is in session and school sporting events. A school zone of 25 mph during the appropriate times would be indicated based on this study.

<u>DESCRIPTION OF SEGMENT:</u> Baker Carter Road- 35 mph requesting School Zone from Ga 81 to Park Place Drive.

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APPROVED BY:

Site Code: Station ID: Location 1: Location 2:

0 Baker Carter Hwy 81

Comment 1: Comment 2: Comment 3: Comment 4:

Location 3: Location 4:		`				Avera	Averaged Daily Totals	otals			Latitude: Longitude:	••	0.000000	
Combined	<= 15	>15 to 20	>20 to 25	>25 to 30	>30 to 35	>35 to 40	>40 to 45	>45 to 50	>50 to 55	>55 to 60	>60 to 65	>65 to 70	> 70	Total
Sunday	2	ω.	8	26	104	385	593	260	60	15	2	1	0	1,459
Monday	Ç,	ယ	6	13	36	108	118	68	16	0	0	0	0	373
Tuesday	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wednesday	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thursday	1	6	12	27	165	436	606	264	69	6	2	0	0	1,604
Friday	20	12	29	63	208	687	841	399	79	16	5	2	0	2,361
Saturday	3	1	5	25	124	457	639	293	76	10	6	₃		1,643
Total	41	25	60	154	637	2,073	2,797	1,284	300	47	15	6	_	7,440

Site Code:

Station ID:

Location 1: Baker Carter

Comment 2:

Comment 3:

Location 1: Baker Carter Comment 3: Location 2: Hwy 81 Comment 4:

Location 3: Latitude: 0.000000 Location 4: Volume Sorted by Speed for 5/18/2023 to 5/22/2023 Longitude: 0.000000

Combined

Combine	đ	
Speed N	/olume	
Speed V (MPH)	, Olaillo	
15	2	
16	5	
17	7	
17	1	
18	1	
19	10	
20	2	
21	13	
22	11	
23	6	
24	14	
25	28	
26	7	
27	40	
28	16	
29	49	
30	67	
31	46	
32	139	
33	79	
34	199	
34	287	
35	287	
36	233	
37	545	
38	241	
- 00		
39	544	
39 40	544 756	
39 40 41	544 756 372	
39 40 41 42	544 756 372 768	
39 40 41 42 43	544 756 372 768 700	
39 40 41 42 43 44	544 756 372 768 700 269	
39 40 41 42 43 44 45	544 756 372 768 700 269 525	
39 40 41 42 43 44 45 46	544 756 372 768 700 269 525 225	
39 40 41 42 43 44 45 46 47	544 756 372 768 700 269 525 225 411	
39 40 41 42 43 44 45 46 47 48	544 756 372 768 700 269 525 225 411 261	
39 40 41 42 43 44 45 46 47 48	544 756 372 768 700 269 525 225 411 261 102	
39 40 41 42 43 44 45 46 47 48 49	544 756 372 768 700 269 525 225 411 261 102	
39 40 41 42 43 44 45 46 47 48 49	544 756 372 768 700 269 525 225 411 261 102	
39 40 41 42 43 44 45 46 47 48 49 50	544 756 372 768 700 269 525 225 411 261 102 126 53	
39 40 41 42 43 44 45 46 47 48 49 50 51	544 756 372 768 700 269 525 225 411 261 102 126 53	
39 40 41 42 43 44 45 46 47 48 49 50 51 52	544 756 372 768 700 269 525 225 411 261 102 126 53 90 48	
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53	544 756 372 768 700 269 525 225 411 261 102 126 53 90 48	
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54	544 756 372 768 700 269 525 225 411 261 102 126 53 90 48 14	
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55	544 756 372 768 700 269 525 225 411 261 102 126 53 90 48 14 31	
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56	544 756 372 768 700 269 525 225 411 261 102 126 53 90 48 14 31	
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57	544 756 372 768 700 269 525 225 411 261 102 126 53 90 48 14 31 10	
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58	544 756 372 768 700 269 525 225 411 261 102 126 53 90 48 14 31 10 12 8	
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60	544 756 372 768 700 269 525 225 411 261 102 126 53 90 48 14 31	
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61	544 756 372 768 700 269 525 225 411 261 102 126 53 90 48 14 31 10 12 8 4	
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62	544 756 372 768 700 269 525 225 411 261 102 126 53 90 48 14 31 10 12 8 4 3 7	
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63	544 756 372 768 700 269 525 225 411 261 102 126 53 90 48 14 31 10 12 8 4 3 7	
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64	544 756 372 768 700 269 525 225 411 261 102 126 53 90 48 14 31 10 12 8 4 3 7	
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63	544 756 372 768 700 269 525 225 411 261 102 126 53 90 48 14 31 10 12 8 4 3 7	

Site Code: Comment 1: Station ID: 0 Comment 2: Location 1: Baker Carter Comment 3:

Location 1: Baker Carter Comment 3: Location 2: Hwy 81 Comment 4:

Location 3: Latitude: 0.000000
Location 4: Volume Sorted by Speed for 5/18/2023 to 5/22/2023 Longitude: 0.000000

Direction X. Lane 1

Direction X, Lane 1	
Speed Volume	
(MPH)	
15 1 16 5	
16 5	
17 4 1 18 0	
19 9	
18 0 19 9 20 2	
21 6	
22 5	
23 6	
24 5	
25 17	
26 0	
27 23	
28 9 29 16	
30 30	
31 16	
32 52	
33 35	
34 85	
35 132	
36 101	
37 226	
38 122	
39 256	
39 256 40 389	
39 256 40 389 41 169	
39 256 40 389 41 169 42 424	
39 256 40 389 41 169 42 424	
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39	
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39	
39	
39 256 40 389 41 169 42 424 43 366 44 135 45 285 46 114 47 214 48 135 49 48 50 53 51 25 52 48 53 24	
39 256 40 389 41 169 42 424 43 366 44 135 45 285 46 114 47 214 48 135 49 48 50 53 51 25 52 48 53 24 54 7	
39 256 40 389 41 169 42 424 43 366 44 135 45 285 46 114 47 214 48 135 49 48 50 53 51 25 52 48 53 24 54 7 55 12 56 4	
39 256 40 389 41 169 42 424 43 366 44 135 45 285 46 114 47 214 48 135 49 48 50 53 51 25 52 48 53 24 54 7 55 12 56 4 57 7	
39 256 40 389 41 169 42 424 43 366 44 135 45 285 46 114 47 214 48 135 49 48 50 53 51 25 52 48 53 24 54 7 55 12 56 4 57 7 58 1	
39	
39	
39	
39	
39	
39	

Site Code:
Station ID: 0
Location 1: Baker Carter

0 Comment 2: Baker Carter Comment 3: Hwy 81 Comment 4:

Comment 1:

Location 3: Latitude: 0.000000
Location 4: Volume Sorted by Speed for 5/18/2023 to 5/22/2023 Longitude: 0.000000

Direction X, Lane 2

Location 2:

Direction	X, Lane	2	
Speed V	olume		
Speed V (MPH)			
15	1		
16	0		
17	3		
18	1		
19	1		
20	0		
21	7		
22	6		
23 24	9		
25	11		
26	7		
27	17		
28	7		
29	33		
30	37		
31	30		
32	87		
33	44		
34	114		
35	155 132		
36 37	319		
37	313		
1 38	110	<u>'</u>	
38 39	119 288		
39	288		
39 40 41	288 367		
39 40 41 42	288 367 203 344		
39 40 41 42 43	288 367 203 344 334		
39 40 41 42 43 44	288 367 203 344 334 134		
39 40 41 42 43 44 45	288 367 203 344 334 134 240		***************************************
39 40 41 42 43 44 45 46	288 367 203 344 334 134 240		TYPE
39 40 41 42 43 44 45 46 47	288 367 203 344 334 134 240 111		Trong 1
39 40 41 42 43 44 45 46 47 48	288 367 203 344 334 134 240 111 197 126		(****)
39 40 41 42 43 44 45 46 47 48	288 367 203 344 334 134 240 111 197 126 54		(Troop)
39 40 41 42 43 44 45 46 47 48 49 50	288 367 203 344 334 134 240 111 197 126 54 73		(Trans)
39 40 41 42 43 44 45 46 47 48 49 50 51	288 367 203 344 334 134 240 111 197 126 54 73 28 42		
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53	288 367 203 344 334 134 240 111 197 126 54 73 28 42 24		(CONTACT OF THE CONT
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54	288 367 203 344 334 134 240 111 197 126 54 73 28 42 24		(Marian)
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54	288 367 203 344 334 134 240 111 197 126 54 73 28 42 24 7		(Property)
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55	288 367 203 344 334 134 240 111 197 126 54 73 28 42 24 7 19 6		(recent)
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55	288 367 203 344 334 134 240 111 197 126 54 73 28 42 24 7 19 6 5		(recon)
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56	288 367 203 344 334 134 240 111 197 126 54 73 28 42 24 7 19 6 5 7		Troom,
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	288 367 203 344 334 134 240 111 197 126 54 73 28 42 24 7 19 6 5 7		Troops
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60	288 367 203 344 334 134 240 111 197 126 54 73 28 42 24 7 19 6 5 7		Current, San Carlotte, Car
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62	288 367 203 344 334 134 240 111 197 126 54 73 28 42 24 7 19 6 5 7		room)
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63	288 367 203 344 334 134 240 111 197 126 54 73 28 42 24 7 19 6 5 7 1		(Troom)
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62	288 367 203 344 334 134 240 111 197 126 54 73 28 42 24 7 19 6 5 7		[reconn