



BUS ROUTE ANALYSIS

OPERATIONS DEPARTMENT

BUS ROUTE ANALYSIS



- **Greenville ISD currently runs 32 buses on 48 routes**
- **Daily ridership increased from 1,000 students to 1,400 students from last year to this year.**
- **Two routes were added during this school year to accommodate growth**
- **At the current rate of growth, Transportation estimates an increase in ridership next year of 100-200 students resulting in 4 additional routes**
- **To accommodate this growth, the district will need to purchase 4 additional buses (not for replacement purposes, but for growth)**

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- **The current bus barn can only hold 40 buses total at that site within its gated parking area without expansion.**
- **GISD buses almost all students who request transportation within the district to their assigned campus.**
- **In Texas, districts are not required to transport students who live less than two miles from their assigned campus**
- **Transportation has completed an initial impact analysis on ridership if the district initiated a one or two mile radius for ridership eligibility**

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One Mile Transportation Zone Analysis

Campus	Total enrolled	Total Requested Bus Service	Percentage of Student Body Who Request Bus Service	Total inside 1 mile	Requested bus inside 1 mile	# of students requesting bus service that would receive @ 1 Mile	% Reduction in Bus Load according to Students that Requested Bus Service.	% of Student Body that Lives within 1 Miles of Their School of Attendance.	% of Students that Requested Bus Service that Live Inside 1 mile
Bowie	581	180	31%	218	107	73	59%	37.52%	59.44%
Lamar	502	202	40%	128	44	158	22%	25.50%	21.78%
Carver	550	196	36%	302	102	94	52%	54.91%	52.04%
Crockett/STEM	311	167	54%	43	18	149	11%	13.83%	10.78%
TIS	731	403	55%	187	70	333	17%	25.58%	17.37%
GMS	725	386	53%	209	92	294	24%	28.83%	23.83%
GHS	1502	596	40%	166	45	551	8%	11.05%	7.55%
Totals	4902	2130	43%	1253	478	1652	22%	25.56%	22.44%

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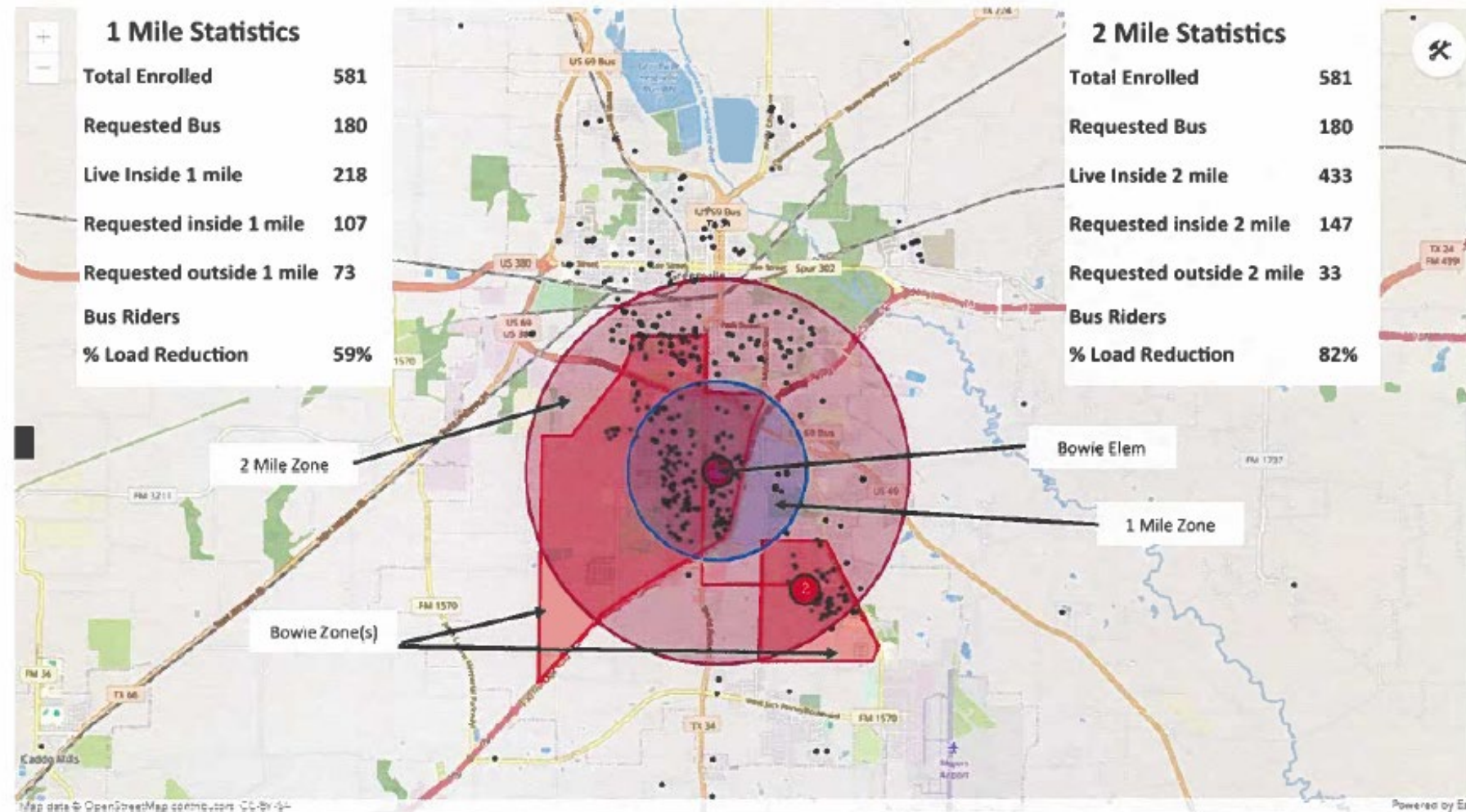
Two Mile Transportation Zone Analysis

Campus	Total enrolled	Total Requested Bus Service	Percentage of Student Body Who Request Bus Service	Total inside 2 mile	Requested bus inside 2 mile	# of students requesting bus service that would receive @ 2 Mile	% Reduction in Bus Load according to Students that Requested Bus Service.	% of Student Body that Lives within 2 Miles of Their School of Attendance.	% of Students that Requested Bus Service that Live Inside 2 mile
Bowie	581	180	31%	433	147	33	81.67%	74.53%	81.67%
Lamar	502	202	40%	288	112	90	55.45%	57.37%	55.45%
Carver	550	196	36%	429	160	36	81.63%	78.00%	81.63%
Crockett/STEM	311	167	54%	140	68	99	40.72%	45.02%	40.72%
TIS	731	403	55%	498	264	139	65.51%	68.13%	65.51%
GMS	725	386	53%	444	224	162	58.03%	61.24%	58.03%
GHS	1502	596	40%	504	182	444	30.54%	33.56%	30.54%
Totals	4902	2130	43%	2736	1157	1003	54.32%	55.81%	54.32%

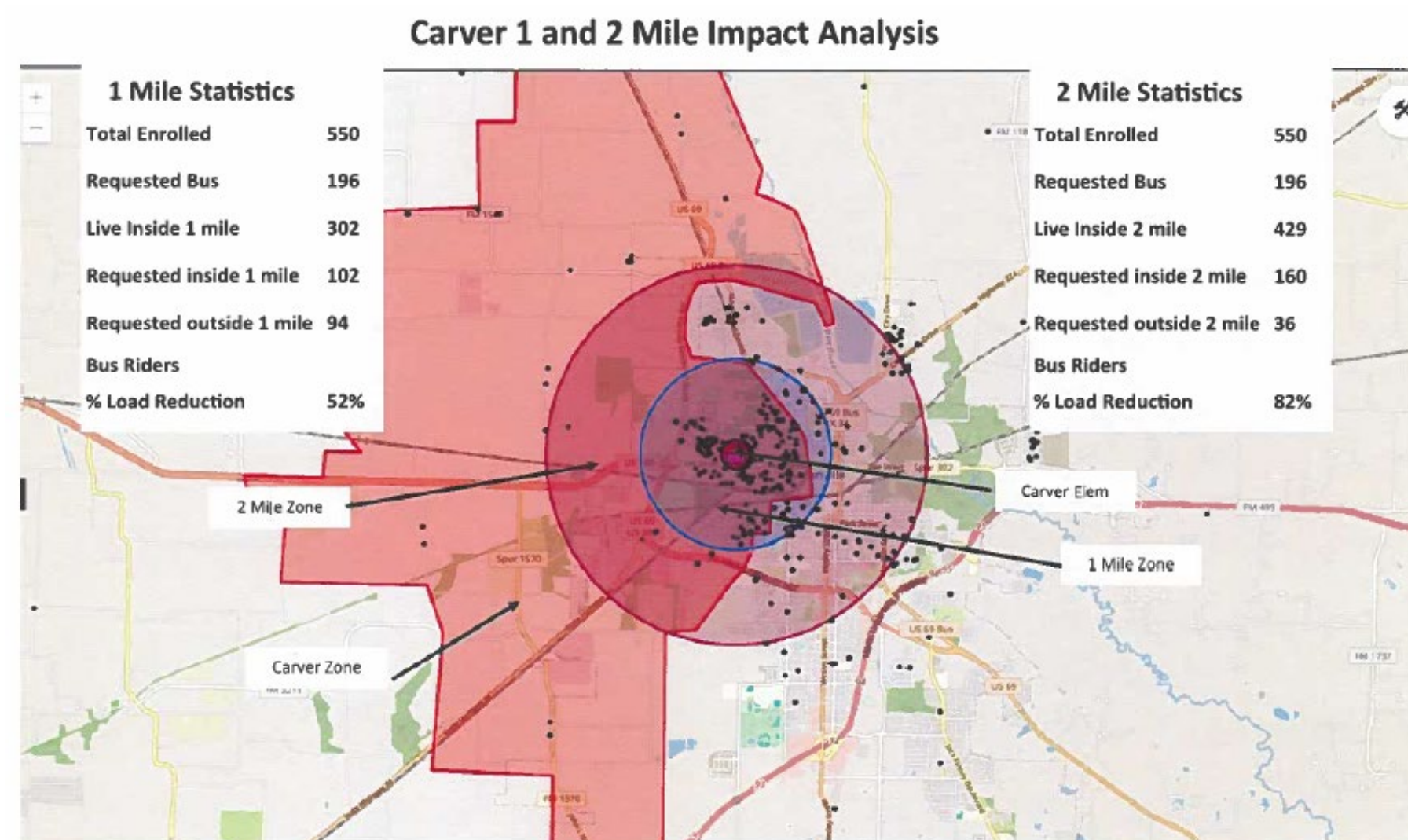
Bowie 1 and 2 Mile Radius



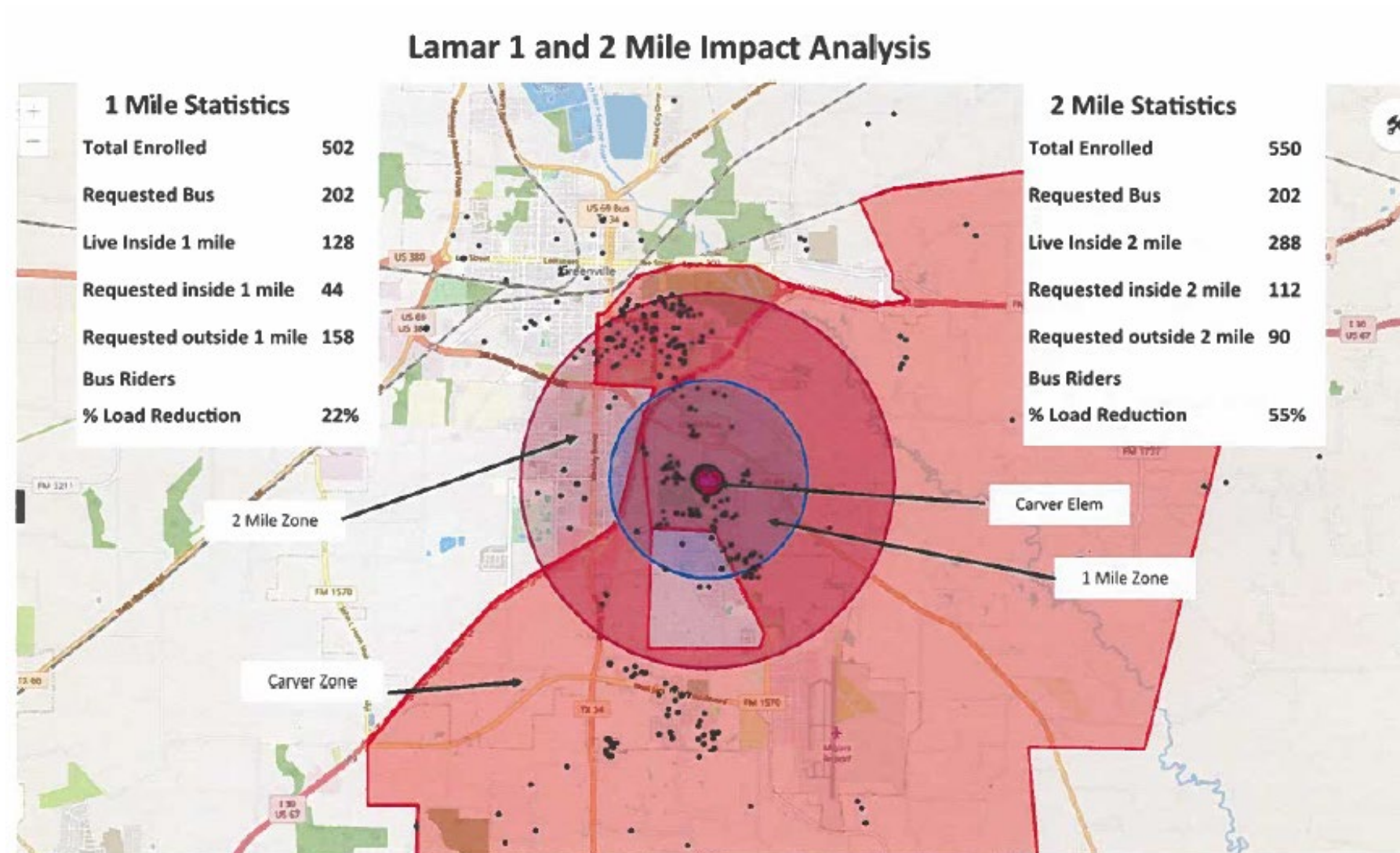
Bowie 1 and 2 Mile Impact Analysis



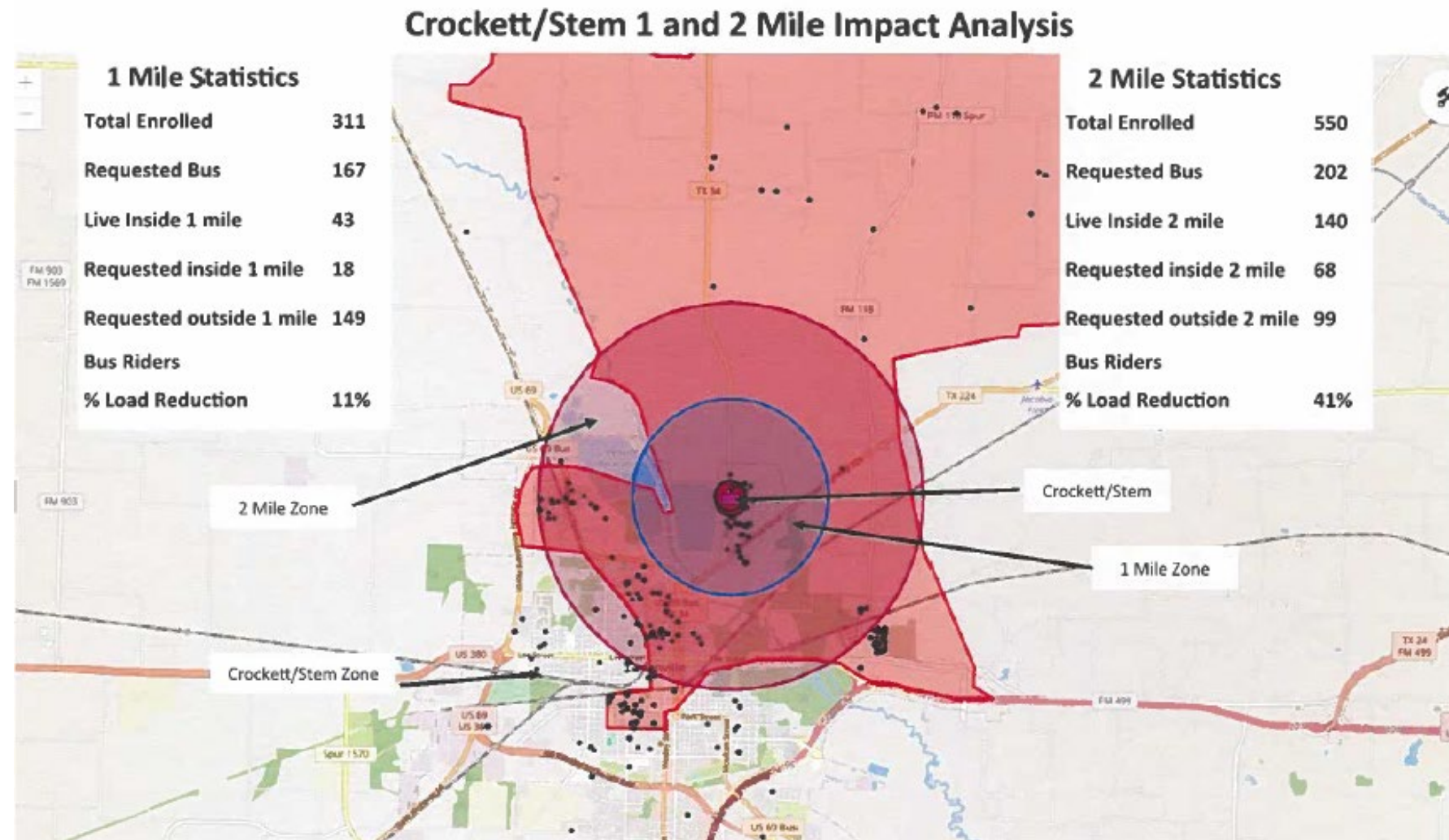
Carver 1 and 2 Mile Radius



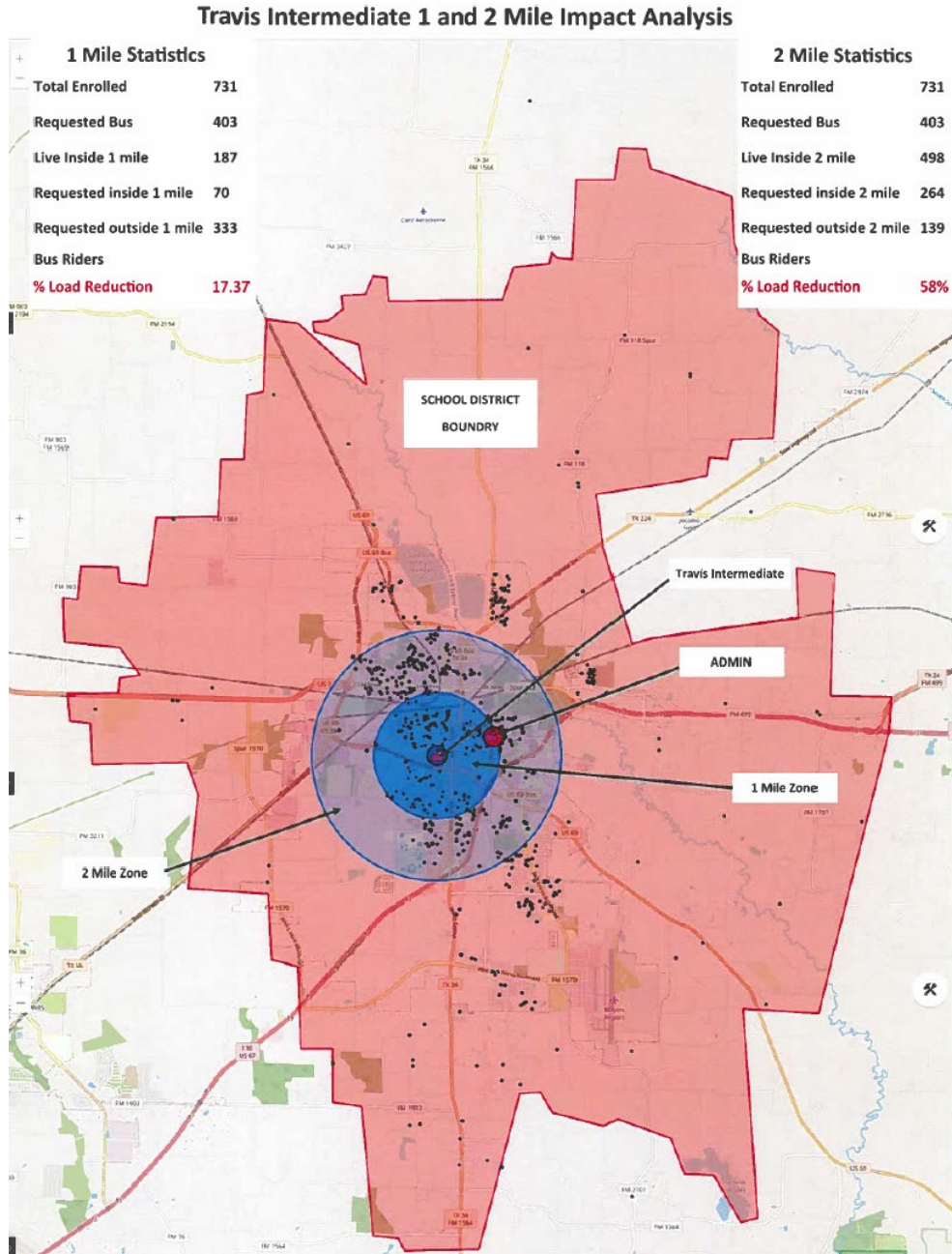
Lamar 1 and 2 Mile Radius



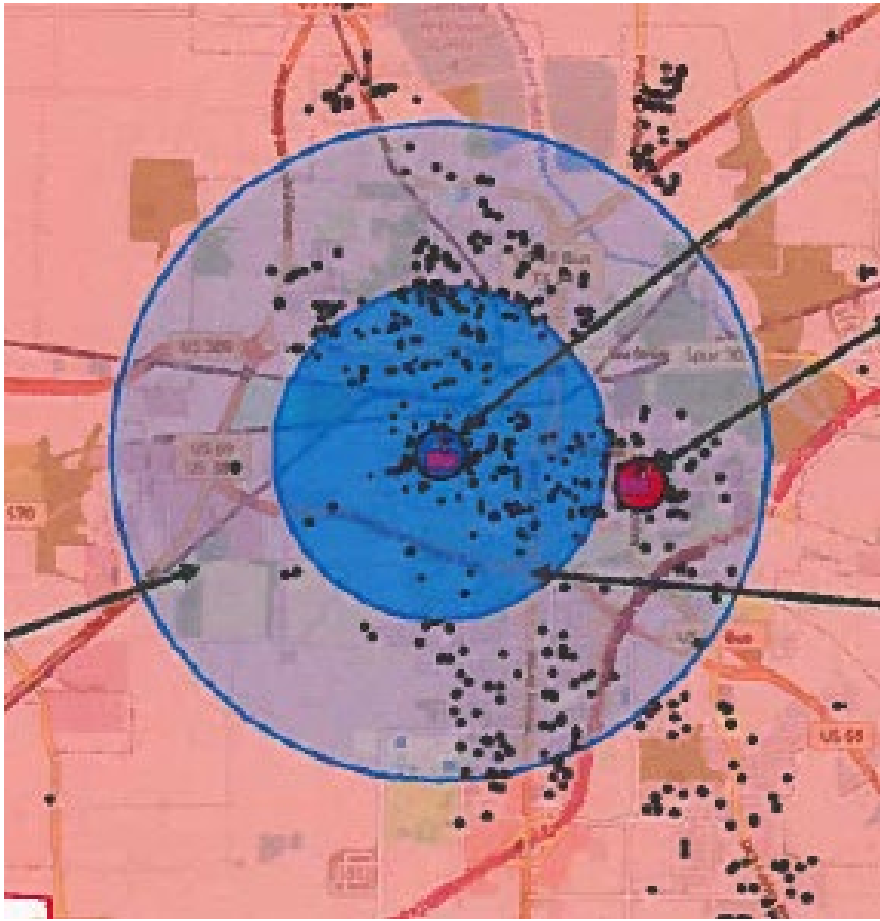
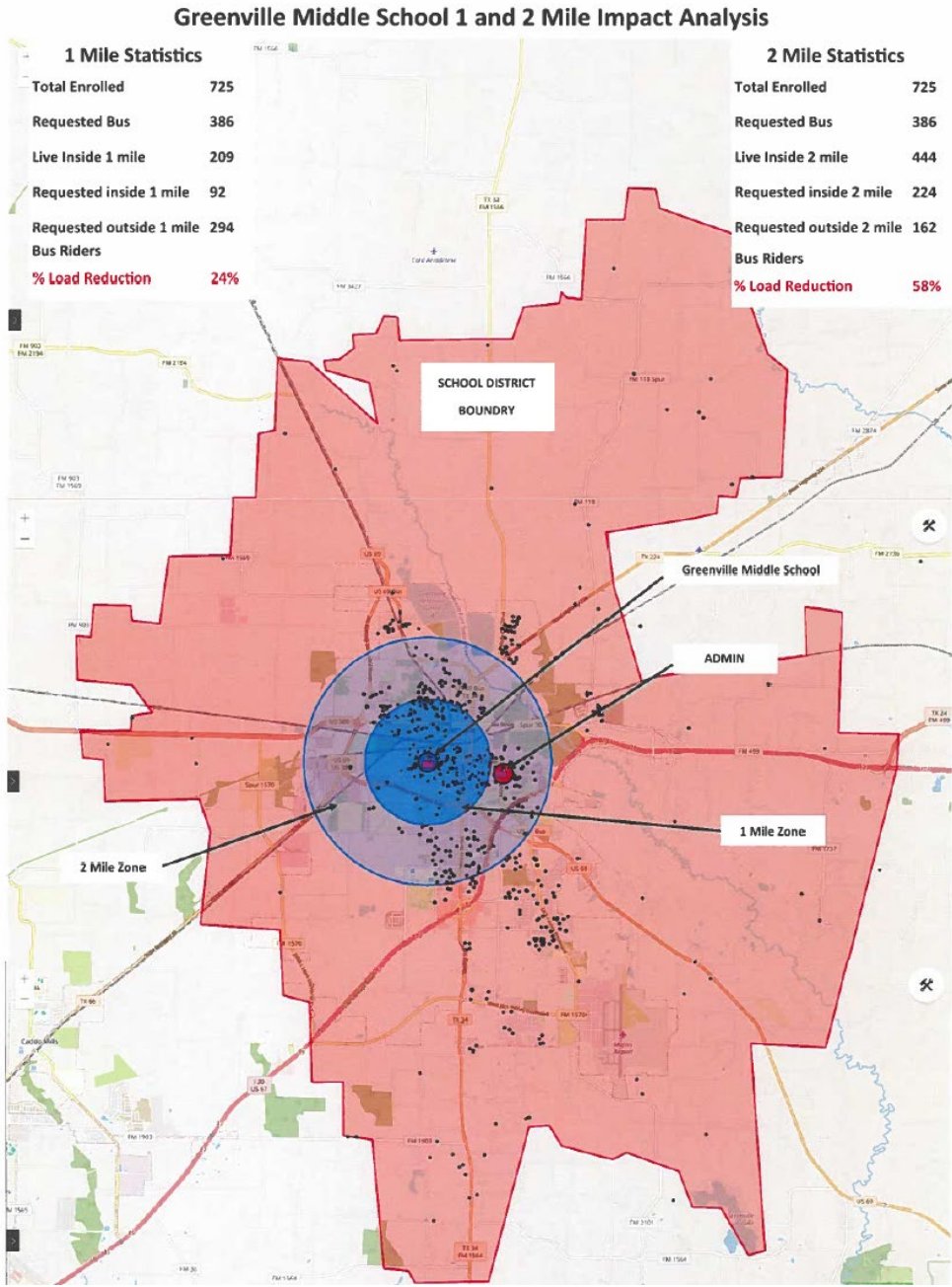
Crockett 1 and 2 Mile Radius



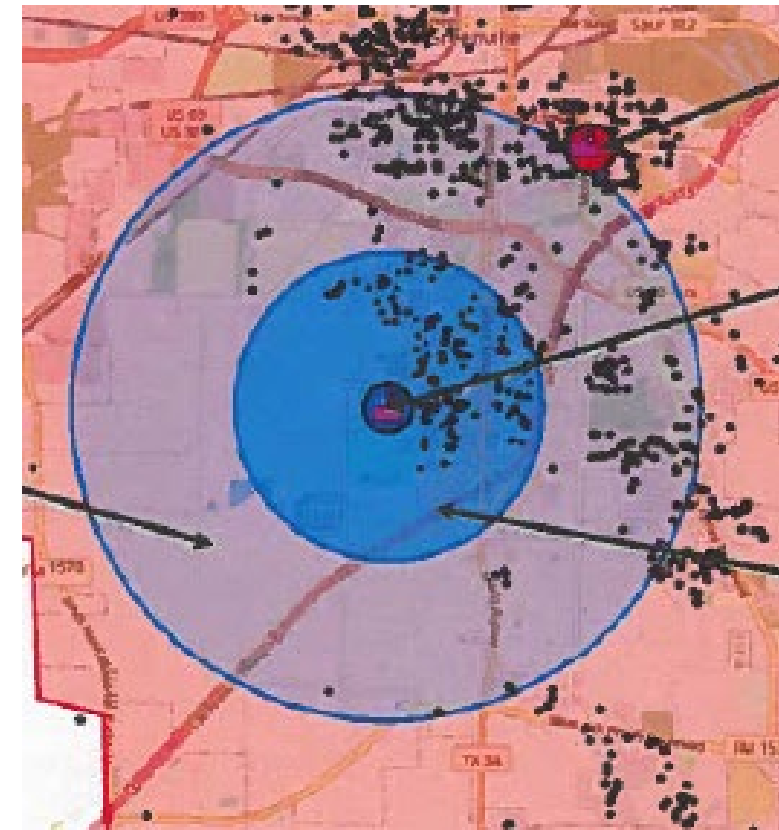
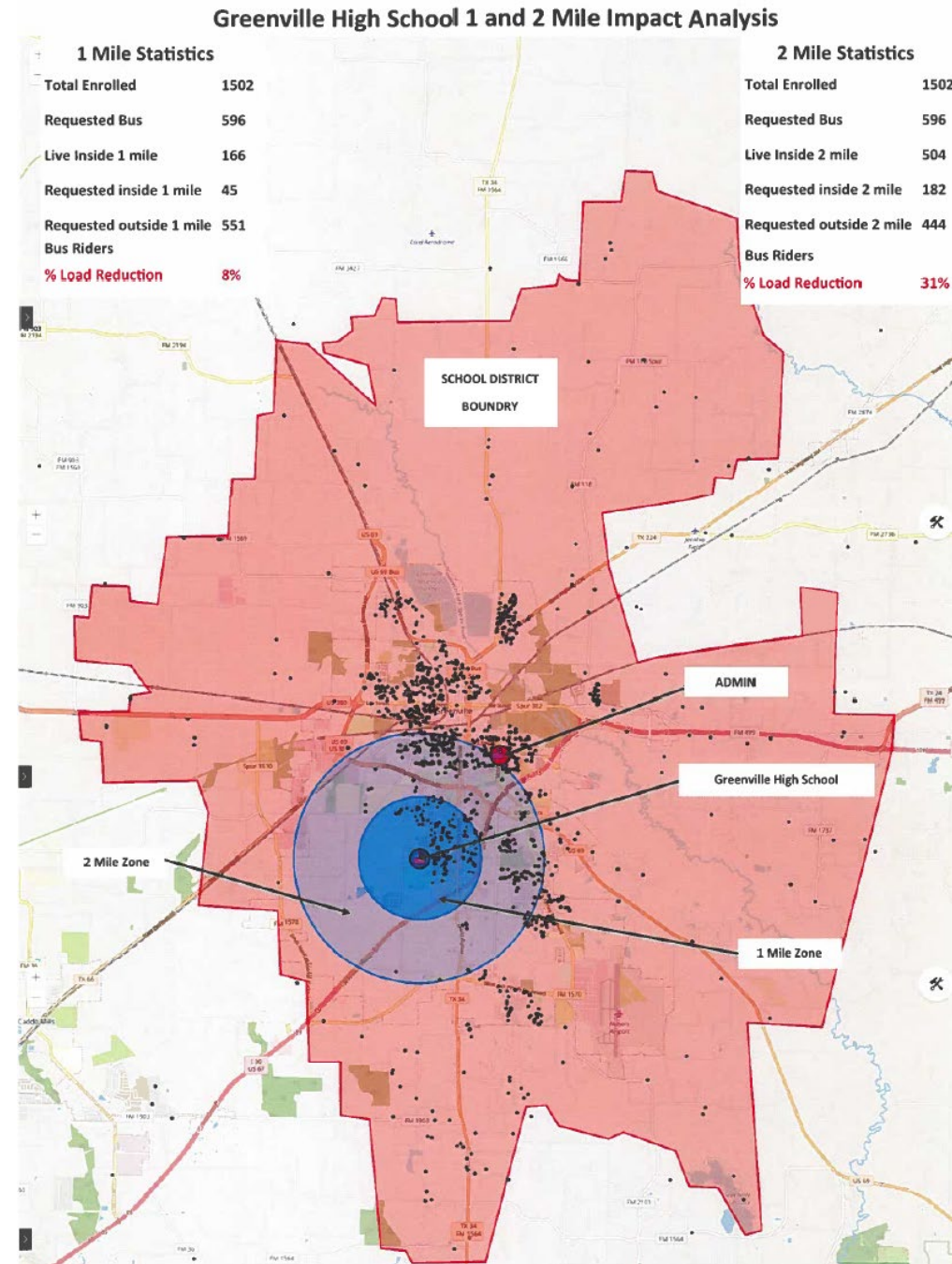
Travis 1 and 2 Mile Radius



GMS 1 and 2 Mile Radius



GHS 1 and 2 Mile Radius



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Questions?