

Conceptual Example of Staggered Starting Times Routing System

AREA #	Area Description	Can Run 2 Routes Y/N	Number of students Early/Late	# Early Buses	# Late Buses
1	Walford	No	107/140	2	2.5
2	Fairfax	No	62/51	1.5	1
3	Stoney Point/Watertower	No	146/217	3	3.5
4	Rolling Green	Yes	157/248	3.5	4.5
5	Lincolnway/66th Ave.	Yes	107/161	2.5	2.5
6	J St./Gateway/Jones Park	Yes	91/155	2	2.5
7	Kid's Inc./Hoover Trl./Hwy 30	Yes	59/101	1.5	2
8	Ely	Yes	94/116	2	2
9	Shueyville/James Ave.	Partial	32/71	1	1.5
10	Hwy 965 South	No	35/33	1	0.5
11	Swisher	No	42/70	1	1.5
12	Rural NW Fairfax	No	15/14	0.5	0.5
13	Rural S Shueyville	No	52/62	1	1
14	Rural Cedar River	No	15/21	0.5	0.5
15	Rural SW Swisher	No	14/33	0.5	0.5
16	Rural NE/W Ely	No	7/7	0.25	0.25

The above example is conceptual only. It was intended to give a basic idea of the number of students in areas of our district and the amount of vehicles that it would take to service those students. It was based on a 45 minute stagger between school time s

The first column is a numerical designation of an area that corresponds to the attached map.

The second Column is a short description of the areas on the map.

The third column shows whether we anticipate an area can be serviced twice during a route e or if it is too far from the district to allow that. An accurate rundown of what areas will/can be serviced twice can only be determined as routes are finally designed.

The forth column is the number of students we are currently transporting in the sep arate areas. For example only, it was set up as the first number being High School - Middle School and the second number as Elementary.

The last two columns list the amount of buses it takes to carry the amount of students listed. The eventual number of b uses will be influenced greatly by factors such as traffic patterns, the amount of students at particular stops, the type of roadways or any other factor that influences the amount of time it takes to run a route. The listed number of buses will eventull y increase because of these variables. An exact number can only be determined as the routes are written.