

23-0032-SDR1

Wyatt Laughlin - Johnson Associates, Inc.

SS Charleston Boulevard W of Rainbow Boulevard

Proposed 93.343 thousand square foot mini-storage facility.

Traffic produced by proposed development:

Proposed Use	DESCRIPTION	#UNIT	RATE/# UNIT	TOTAL
Average Daily Traffic (ADT)	MINI-WAREHOUSE [1000 SF]	93.343	1.45	135
AM Peak Hour			0.09	8
PM Peak Hour			0.15	14

(heaviest 60 minutes)

Existing traffic on all nearby streets:

Charleston Boulevard

Average Daily Traffic (ADT)	42,621
PM Peak Hour	3,410

(heaviest 60 minutes)

Rainbow Boulevard

Average Daily Traffic (ADT)	65,521
PM Peak Hour	5,242

(heaviest 60 minutes)

Traffic Capacity of adjacent streets:

	Adjacent street ADT Capacity
Charleston Boulevard	59,900
Rainbow Boulevard	62,895

This project is expected to add an additional 135 trips per day on Charleston Blvd. and Rainbow Blvd. Currently, Charleston is at about 71 percent of capacity and Rainbow is over capacity. With this project, these capacities are expected to remain unchanged.

Based on Peak Hour use, this development will add into the area roughly 14 additional peak hour trips, or about one every four minutes.

Note that this report assumes all traffic from this development uses all named streets.