

Type of Mitigation	Location	Quantitative Benefit	Qualitative Benefit
New Driveway	Mount Paran Road	30% of traffic volumes will enter this location; traffic using this driveway location will avoid the intersection of Northside Drive at Mount Paran Rd.	Mitigates traffic impacts so that the operation of the intersection at Northside Drive and Mount Paran Rd does not worsen.
Roundabout	School Site - Internal	30% of traffic volumes that enter the New Driveway location can recirculate and exit that same location.	Mitigates traffic impacts so that the operation of the intersection at Northside Drive and Mount Paran Rd does not worsen.
Parking Deck	School Site - Internal	250 parking spaces; Provide stacking and queuing for approximately 175 vehicles or 4,400-ft.	Gets school traffic off the external roadway and stacked internally on the site; provides additional parking for Sunday services and helps get vehicles off the external roadway network.
Left Turn Lane	Northside Drive at Driveway 1	Provides storage capacity for queuing vehicles on the roadway.	Allows vehicles to stack and queue in separate lanes while allowing other vehicles in the through lanes to not be impeded by these turning maneuvers.
Left Turn Lane	Northside Drive at Isom Way	Provides storage capacity for queuing vehicles on the roadway.	Allows vehicles to stack and queue in separate lanes while allowing other vehicles in the through lanes to not be impeded by these turning maneuvers.
Right Turn Lane	Mount Paran Road at New Driveway	Provides storage capacity for queuing vehicles on the roadway.	Allows vehicles to stack and queue in separate lanes while allowing other vehicles in the through lanes to not be impeded by these turning maneuvers.
Police Traffic Control	Northside Drive at Driveway 1; Mount Paran Road at New Driveway	Reduces delays and improves overall intersection operation with quick response and efficient intersection control.	Quickly, safely and efficiently gets inbound vehicles onto the campus and in the carpool queuing. Controls traffic for outbound vehicles and gets them safely onto the road network from the site.
Restricted Left Turn Out	Mount Paran Road at New Driveway	Reinforces the mitigation benefits intended to be provided by the new driveway location and internal site design.	Reduces intersection conflict points and improves safety.
Other Mitigation	Location	Potential Benefits	
Staggering School Times	Entire School Campus	Staggering start times can reduce traffic volumes in a given peak period by spreading those volumes over different time periods. Spreading out the volumes over multiple time periods can reduce the severity of traffic peaks in a short 30-minute period.	
Sidewalks	Entire School Campus	Provide the ability for future pedestrian connectivity in the study area.	