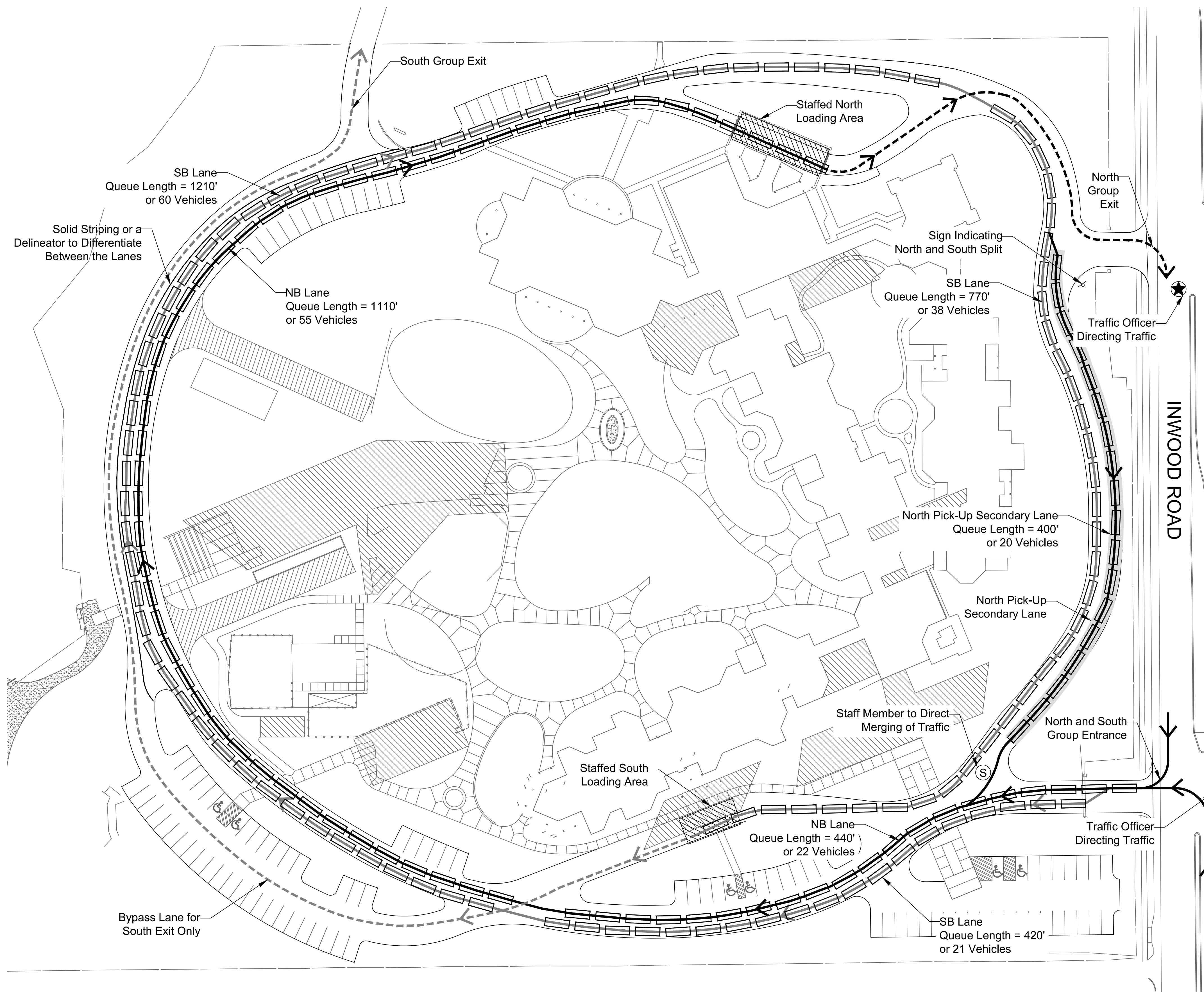




## PROPOSED BUILDING SCENARIO



GRAPHIC SCALE  
 1" = 40' on 24x36" Plot

- TMP Legend:**
- North Inbound Vehicle Path
  - North Outbound Vehicle Path
  - South Inbound Vehicle Path
  - South Outbound Vehicle Path
  - Auto Queue Position (20' per Position)
  - Traffic Officer
  - Staff Location

Enrollment: 450 Students

Grade	# of Students	Dismissal Time
North (Kindergarten, T1, 2nd, 3rd, 4th)	236	3:15 PM
South (Pre-K, 1st)	214	3:15 PM

There will be no additional students added with the proposed expansion of the school. The queue length will remain the same as in the existing scenario. The total available queue length in the North pick-up group is 1940' or 97 vehicles. The total available queue length in the South pick-up group is 2380' or 119 vehicles.

The available queue length for the North Loading Area can accommodate up to 77 vehicles in a single pick-up period. An additional 20 vehicles can be accommodated in the North Pick-Up Secondary Lane. A staff member should be placed where the North Pick-Up Secondary Lane traffic merges with the normal lane for north pick-up. The available queue length for the South Loading Area can accommodate up to 119 vehicles in a single pick-up period.

Projected maximum queue demand is 3000 feet (150 vehicles) for 450 students at any one point in time. There is 1300' of excess queue length available after the projected maximum queue demand. The projected maximum queue demand is based on one car in queue per three students dismissed. This demand is based on observations at The Lamplighter School. The cars shown in Auto Queue Position are just for visualization purposes and do not represent the actual number of cars that can be accommodated in the queue.

Group	Dismissal Time	Students Dismissed	Bus/Bike/Parent Walk	Parent Pick-Up	Maximum Queue		Available Queue		Surplus (Deficiency)	
					Feet	Vehicles	Feet	Vehicles	Feet	Vehicles
North (Kindergarten, T1, 2nd, 3rd, 4th)	3:15 PM	236	0	236	1580	79	1940	97	360	18
South (Pre-K, 1st)	3:15 PM	214	0	214	1440	72	2380	119	940	47

In order to ensure that all queuing of vehicles is completely accommodated on school property, school administrative officials should implement the proposed Traffic Management Plan, monitor the operation on a continuing basis, and if any vehicle queuing should begin to occur on public right-of-way, take the necessary action to mitigate it.

Only uniformed police officers should be allowed to direct and control traffic operating within the public right-of-way.

Based on the vehicle queuing analysis conducted and the resulting Traffic Management Plan, I, Mark G. Goode, P.E. #43336, certify that the results indicate that no queuing of vehicles dropping off or picking up students at the school will extend onto City of Dallas rights-of-way as a result of internal queuing constraints.

School Traffic Management Plan (TMP)  
 The Lamplighter School  
 11611 Inwood Rd, Dallas, TX 75229