

Dealing with Texas-Sized Problems around Schools

> 2006 TexITE Summer Meeting June 25, 2006

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# School Traffic Concerns?

- Parents
- Children
- School officials
- Commuters
- Neighbors
- Advocacy groups
- Traffic engineers
- Media



















### Product 1: 4286-2 Report http://tti.tamu.edu/documents/4286-2.pdf



# **Guidelines Categories**

Site selection

- General site requirements and design
- Bus-related design and operations
- · Parent zone design and operations
- Pedestrian and bicycle
- Access driveways
- Turning lanes
- · Traffic control, markings and signing
- Parking

#### Building Setback – Queue Storage (Design)

School buildings should be setback on the site a sufficient distance from adjacent roadways to ensure safe & adequate site storage for stacking of loading & unloading vehicles.





School on right has approximately 350 feet of additional stacking space by being pushed back towards the back of the site 13

#### Building Setback – Queue Storage (Prototype School Design)















Parent Zone: On-Site Stacking Lengths								
	School Type	Student Population	Loop Drive Stacking Length (ft)					
	Elementary	Less than 500 500 or more	400 – 750 750 – 1500					
	Middle	Less than 600 600 or more	500 - 800 800 - 1600					
	** High **	400 – 800 800 – 2500	800 – 1200 1200 – 1500					
	Note: For high school populations greater than 2500, consider two separate student drop-off/pick-up loops							







Product 2: Site Plan Review Checklist								
Guideline	Review Question	Answer						
#		Yes	No	Comments				
1	Is the building setback a sufficient distance to provide adequate site storage?							
2	Is the school located on a high-speed roadway? (If yes, please comment)							
3	Is access provided from more than one direction to the site (i.e., from 2 streets)?	if.		and the second second				
4	Is the school site situated where the road alignment provides good visibility?			Kourseenne				
5	Are the physical routes provided for the basic modes separated from each other?		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	mences				
9	Is there adequate driveway stacking length for lining up vehicles on site?							
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