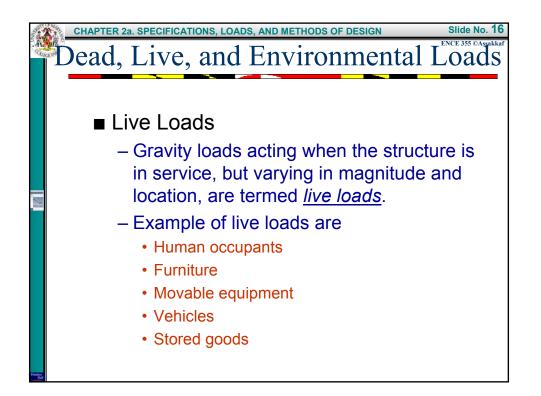
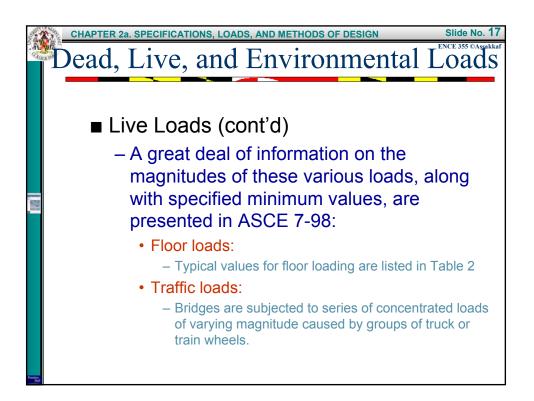


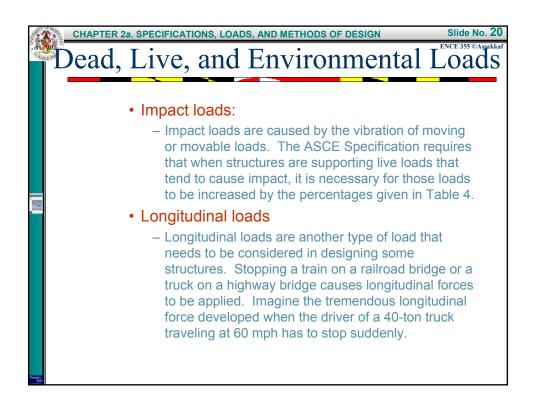
S. A.	Dead, Live, and Environ		Slide No. 15 LOADS			
	Table 1. Typical Dead Loads for Some Common Building Materials					
	Reinforced concrete	150 lb/ft ³				
	Structural steel	490 lb/ft ³				
	Movable steel partitions	4 psf				
	Plaster and concrete	5 psf				
	Suspended ceilings	2 psf				
	3-ply ready roofing	1 psf				
	Hardwood flooring (7/8 in.)	4 psf				
	2 ' 12 ' 16 in. double wood floors	7 psf				
	Wood studs with 1/2 in gypsum	8 psf				
	Clay brick wythes (4 in.)	39 psf				





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Table 2. Typical Minimum Uniform Liv						
	Loads for Design of Building					
	Type of Building		LL (psf)			
	Apartment houses	Apartments	40			
	Dining rooms and restaurants Garages (passenger cars only)		100			
100			100			
Reference and a second s			50			
	Gymnasiums, main floors, and balconies		100			
	Office buildings	Lobbies	100			
		Offices	50			
	Schools	Classrooms	40			
		Corridors first floor	100			
		Corridors above first flo	80			
	Store as werehouses	Light	125			
	Storage warehouses	Heavy	250			
	Stores (retail)	First floor	100			
		Other floors	75			
President Hell						

	ead, Live, and Environmental Table 3. Typical Concentrated Live				
Loads for Buildings					
	Hospitals - operating rooms, private rooms, and wards	1000 lb			
	Manufacturing building (light)	2000 lb			
	Manufacturing building (heavy)	3000 lb			
	Office floors	2000 lb			
	Retail stores (first floors)	1000 lb			
	Retail stores (upper floors)	1000 lb			
	School classrooms	1000 lb			
	School corridors	1000 lb			



100 A	CHAPTER 2a. SPECIFICATIONS, LOADS, AND METHODS OF DESIGN Slide No. 21 Dead, Live, and Environmental Loads							
	■ Table 4. Live Load Impact Factors							
	Elevator machinery	100%						
8372	Motor driven machinery	20%						
3	Reciprocating machinery	50%						
	Hangers for floors or balconies	33%						

