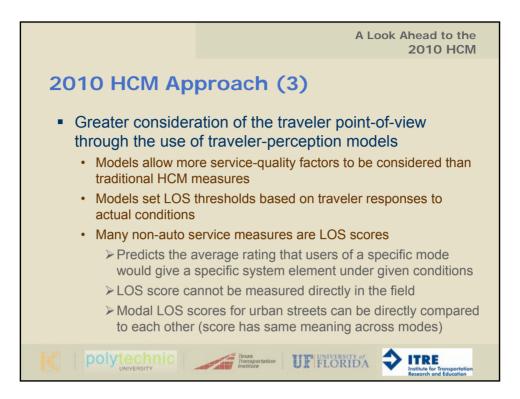
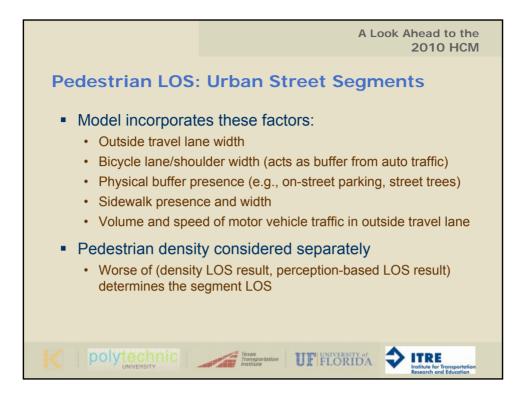


			A Lool	Ahead to the 2010 HCM			
<ul> <li>2010 HCM Approach (2)</li> <li>Analysts should consider modal interactions, trade-offs</li> </ul>							
Mode Affected	Auto	Impacting Mode Pedestrian Bicycle Transit					
Auto	Auto & HV volumes Turning patterns Lane configurations	Minimum green time Turn conflicts Mid-block xings	Turn conflicts Passing delay	Heavy vehicle Blocking delay: stops Signal priority			
Pedestrian	Auto & HV volumes Cycle length Driver yielding Turn conflicts Traffic separation	Sidewalk crowding Crosswalk crowding Cross-flows	Shared-path conflicts Bicyclist yielding	Heavy vehicle Transit stop queues Stop cross-flows Vehicle yielding			
Bicycle	Auto & HV volumes Auto & HV speed On-street parking Turn conflicts Traffic separation	Shared-path conflicts Min. green time Turn conflicts Mid-block xings	Bike volumes	Heavy vehicle Blocking delay: stops Tracks			
Transit	Auto volumes Signal timing	Ped. env. quality Minimum green time Turn conflicts Mid-block xings	Bike env. quality Bike volumes	Bus volumes			
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				A Loc	ok Ahead t 2010		
Service Measures in the 2010 HCM							
			Service Mea	sure Provided			
System Element	Chapter	Auto	Pedestrian	Bicycle	Transit		
Freeway Facility	10	✓					
Basic Freeway Segment	11	~					
Freeway Weaving Segment	12	~					
Freeway Merge/Diverge Segment	13	~					
Multilane Highway	14	✓		✓			
Two-Lane Highway	15	~		✓			
Urban Street Facility	16	✓	✓	✓	~		
Urban Street Segment	17	✓	×	✓	✓		
Signalized Intersection	18	~	✓	✓			
Two-Way Stop	19	~	✓				
All-Way Stop	20	~					
Roundabout	21	~					
Interchange Ramp Terminal	22	~					
Off-Street Pedestrian/Bicycle Facility	23		✓	✓			
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				A Look Ahead to the 2010 HCM			
<b>Pedestrian LOS: Urban Street Segments</b> Ped Segment LOS = $-1.2276 \ln(W_{ol} + W_l + f_p \times \%OSP + f_b \times W_b + f_{sw} \times W_s)$							
$+0.0091(V_{15} / L) + 0.0004$ SPD <sup>2</sup> $+ 6.0468$							
LOS		Ped Segment LOS Score		Same LOS scale used for the bike, transit, and auto			
А		≤2.00		modes			
В		>2.00-2.75		See NCHRP			
С		>2.75-3.50		Report 616 for information on			
D		>3.50-4.25		how these were			
E		>4.25-5.00		derived			
F		>5.00					
polytechnic         Texas Transportation         UTIFICATION           UNIVERSITY         Inspiriture							

