

# LOUISIANA STATE UNIVERSITY

## COMPREHENSIVE & STRATEGIC CAMPUS MASTER PLAN

### APPENDIX L - Mobility Component Implementation Matrix



**Mobility Component Implementation**  
LSU

MODE	SUB-FOCUS	ACTIONS	TIMEFRAME			CONSIDERATIONS
			Short	Mid	Long	
TRANSPORTATION DEMAND MANAGEMENT (TDM)	Staff/Faculty TDM Program	Develop tailor-made employee TDM program	✓			<ul style="list-style-type: none"> <li>▪ Prioritize hiring a TDM Coordinator to help promote transportation programs and develop new ones</li> <li>▪ Pro-active collaboration with service providers and partners such as city bikeshare and CATS at on-campus events can help raise awareness</li> </ul>
	Student TDM Program	Develop tailor-made student TDM program	✓			
	Staffing	Hire FTE TDM Coordinator	✓			
	Expand TDM Programs	Add programs such as walk/bike incentives, vanpooling, incentivize off-peak class schedules		✓	✓	
	Communications	Brand LSU TDM program, promote via traditional print media, social media, establish annual transportation benefits fairs	✓	✓	✓	
	Annual Transportation Survey	Survey awareness of TDM, transportation programs	✓	✓	✓	
TRANSIT/TIGER TRAILS/ TRAMLINK	Immediate System Improvements	Re-configure routes to provide bi-directional service, break up Garden Route into two bi-directional routes, discontinue low productivity routes	✓			<ul style="list-style-type: none"> <li>▪ East-west transit spine depends upon infrastructure improvements such as new bridge construction over Corporation Canal to provide transit access for student residences at Lake front</li> <li>▪ Effective east-west transit is critical to the Master Plan parking strategy since it will make remote parking more appealing and reduce pressure on</li> </ul>
	New East-West Transit Spine	Implement high-frequency, east-west transit service		✓	✓	
	New South-Side Transit Spine	Implement high-frequency north-south off-campus transit service		✓	✓	
	On-campus Transit Circulators	Implement reconfigured on-campus north and south circulators		✓	✓	
	CATS System	Coordinate with CATS system to provide better access to off-campus areas and boost ridership		✓	✓	
	TramLink	Maintain close communications with TramLink project team, plan for safe and		✓	✓	

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		convenient campus walking connections to station stops				parking lots closer to the core  ■ Ideal operating conditions for the south-side transit spine assume bus-only access via Gourrier Lane
	Mobility Hubs	Plan and construct Mobility Hubs at remote parking and at TramLink stops		✓	✓	
	Bus Turnaround/Terminus at Student Union	Plan and construct bus stop/terminus at rear of Student Union		✓	✓	
CIRCULATION & STREET NETWORK	On-Campus Road Network	Close Nicholson Drive Extension and convert to plaza		✓		■ Campus circulation improvements should be aligned with recommendations to eliminate parking from the core
		Restrict core campus streets to private vehicles		✓	✓	
		Dedicate transit only spine through south parking lot		✓	✓	
		Construct roundabouts at Nicholson Drive Extension and Gourrier Avenue		✓	✓	
	Off-Campus Road Network	Implement Skip Bertman Drive road diet, add bike lanes		✓		
		Work with City Parish to re-align Burbank Drive at Nicholson Drive			✓	
		Work with City Parish to improve pedestrian crossings at Nicholson Drive – prioritize intersection with Skip Bertman Drive	✓			
		Route Tiger Trails from Parker to Gourrier Avenue	✓			
	Campus Gateways	Reduce signal cycle length at Highland Road and Parker Drive, monitor traffic flows to assess improvements	✓			
		Add neckdowns at Chimes/Northeast Gate	✓			

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PARKING	Parking Policies	Establish new Parking Committee to implement policy overhaul	✓			<ul style="list-style-type: none"> <li>Performance of parking system improvements will require annual or even bi-annual monitoring to allow for adjustments to balance demand and supply</li> </ul>
	Parking Pricing Restructure	Implement Phase 1 zonal parking pricing	✓			
		Implement Phase 2 zonal parking pricing		✓		
		Implement Phase 3 zonal parking pricing			✓	
	Annual System Audit	Assess performance of zonal, tiered parking pricing system and re-calibrate as needed	✓	✓	✓	
	Assess Need for Garage	Assess need for new garage(s) based on demand and ability to support financially			✓	
Construct Visitor Garage	Construct visitor garage to coincide with build-out of south academic quad			✓		
PEDESTRIAN AND CIRCULATION SAFETY	Core Campus Safety	Create and enforce a car free core to coincide with Parking Pricing Phase 3			✓	<ul style="list-style-type: none"> <li>Off-campus improvements should focus on growth areas in the Burbank area, but also improving sidewalk connectivity, lighting and safety north of Chimes Street and to the west on Skip Bertman Drive to serve walkers from parking areas</li> <li>Signal timing improvements should be assessed working closely with City Parish</li> </ul>
	Walking Spines	Prioritize key walking spines through campus such as the Academic Spine			✓	
	Gateways	Construct walking gateways at key locations at campus edges: Highland Gate, Skip Bertman Drive, Chimes and Gourrier Lane		✓	✓	
	Campus Edge Conditions & Off-Campus Connections	Work with City Parish to improve sidewalks, ADA access and pedestrian signals at campus edges	✓	✓	✓	
	Signal Timing Policies	Implement signal timing improvements based on pedestrian demand and pedestrian level of service (PLOS)	✓			
BICYCLES & CIRCULATION	Regional Connections	Implement connections to regional/recreational bicycle network such as the Levee Path		✓		<ul style="list-style-type: none"> <li></li> </ul>

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	Commuting Connections	Where right-of-way allows, designate bike lanes on key bike commuting corridors such as Dalrymple Drive and Stanford Avenue	✓	✓		
	Campus Streets	Continue implementing designated bike lanes on campus streets: replacing on-street parking with bike lanes	✓	✓		
	Bikeshare	Continue to work with Baton Rouge BikeShare to site additional stations on and around campus	✓	✓		
	Bicycle Parking	Audit bicycle parking locations for quality, quantity and adequacy to meet demand	✓			