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		Model Development				
Geometry Coding						
	Lane geometry correct along all segment/ intersections Roadway Segments					
	Lane add/ lane drops coded according to best practices					
	Desired speed decision points coded at all entry segments to new facilities					
	Lane change/ emergence	ry stop distances were increased appropriately				
	Intersection geometry s	egments coded correctly	Intersections			
	Reduced speed areas co	ded for all turning movements				
	Conflict areas and/or pr	iority rules coded				
	Intersection control eler	ments (signal heads, stop signs, detectors) coded				
	Traffic signal timing timi	ing match field data				
Vehicle Routing/ Inputs						
	Dynamic Assignment ne	eccesary?				
	Vehicle routing is reflect	tive of Origin-Destination patterns				
	Vehicle Inputs correspo	nd to routing decisions				
	Vehicle Inputs/ Input M	atrix demonstrate peaking patterns				
Vehicle Composition	on					
	KY default vehicle comp	osition was used				
	If not, why?	☐ Local data				
		Other				
Vehicle Speed Prof	iles					
☐ KY default speed ranges were used						
	If not, why?	☐ Local data				
		Other	_			
Driving Behaviors						
	Transmodeler - Wiedem	nann 74 & 99 models used?				
	Parameter values are within KY established ranges					
		Ğ				
Model Assumption	ns/ Notes:					

Post- Model Development						
		Mod	lel Calibration			
☐ Calculated N	lumber of Simulation Runs:					
☐ Multiple Sim	nulation Runs					
Random Seeding						
Random Seeding Increment						
			nce with			
Cal	ibration Metrics	Calibratio	on Metrics			
		AM	PM L			
	Volume					
	Speed					
	Travel Time					
	Delay					
	Congestion (qualitative)					
Unserved Dema	nd (Average)	AM	PM			
	Unserved Vehicles					
Input Check						
	Geometry matches existing	conditions				
	Signal timing matches exisiti	ng conditions				
	Routing decision					
	Vehicle Composition matches KY default or project specific data					
	Speed Profile's match KY default or project specific speed data					
	Link Behaviors match roadway conditions					
	Driving Behavior parameter ranges are within KY approved ranges					
Results Metrics						
	Volume/ Throughput					
	LOS/ Delay					
	Travel Time/ Speed					
	Queue					
Other:						
	Model Review Comments:					