Work Zone Analysis Scoring Worksheet

Develop a Transportation Modeling Approach

	Sketch-Planning and HCM Methodologies	Travel Demand Models	Traffic Signal Optimization	Macroscopic Simulation	Mesoscopic Simulation	Microscopic Simulation
Work Zone Characteristics						
Туре						
Network Configuration						
Size						
Analysis Area						
Agency Resources						
Institutional						
Technical Staff						
Funding						
Schedule						
Performance Measures						
Travel Time						
Delay						
Queue Length						
Speed						
Volume						
User Cost						
Incidents						
Cumulative Impacts						
Data						
Туре						
Source						
Quality						
Transportation Management PI	an					
Control Strategies						
Traffic Control Devices						
Project Innovation						
Motorist Information						
Demand Mgmt Strategies						
Corridor/Network Management						
Work Safety Management						
Traffic/Incident Management						
SUMMARY						

- ●= Transportation modeling approach address work zone factor.

 S= Transportation modeling approach may or may not address work zone factor.

 C= Transportation modeling approach does not address work zone factor.

Identify a Strategic Methodology

Where are you in the project life-cycle?				
Planning	Multi-scale or Screening			
PE/Design	Multi-scale or Screening			
Construction	Mono-scale			
Are there other key decisions that will need to be made?				
Yes	Multi-scale or Screening			
No	Mono-scale			
Is there uncertainty in the scale of the work zone type?				
Yes	Screening			
No	Multi-scale or Mono-scale			

Answer

Describe your transportation modeling approach below. Provide justification from the analysis above.					