**SIGNIFICANT PROJECT OUTLINE**  
(May apply to: TIP, BPOC, DDL, DPOC, DBL, Encroachment, Contract Interstate Maintenance, Interstate Resurfacing, ITS Ops, Garvee Bond)

D Determine if project is “Significant” using *Significant Project Criteria*

### System Planning and Program Development

D Account for work zone impacts, such as network impacts  
D Consider appropriate project selection, project scope, and project limits  
D Consider funding for traffic management strategies

### Preliminary Engineering & Investigation

D **Identify “Significant” projects/activities** to account for work zone impacts, including:  
  - Consider different traffic management strategies along with the prospective duration and choose a default traffic management strategies  
  - Coordinate work zone activities within the network to avoid conflicts  
  - Consider funding for traffic management strategies  
  - Include Public Information (PI), Incident Management, Utility, Rail, Municipality, and Right of Way coordination in planning process  
D **Identify developing a project website and project identity** (slogan/logo) for Category I Significant Projects to  
  - Exchange information and improve accessibility to electronic project files/data for all participants in the delivery process  
  - Provide information to the public

### Design, PS&E, & Contracting

D **Develop TMP for all projects/activities** that incorporates:  
  - Traffic management strategies determined in planning  
  - Innovative traffic management strategies for the construction duration and work zone impacts to meet stakeholder needs  
  - Innovative design strategies, contracting techniques, materials, and construction methods  
  - Work zone activities within the network to avoid conflicts  
  - Public Information (PI) component  
  - Incident Management (IM) and IMAP considerations  
  - Innovative ideas to minimize and eliminate 3rd party conflict  
  - Crash history within the network and consider corrective measures  
  - Maximize flexibility to contractor to increase productivity  
  - Impacts of geometric design on traffic operations during and after construction  
  - Construction and maintenance needs during design, such as, full depth shoulders and adjacent or future projects  
  - Adequate access to businesses and residences while balancing the efficiency of the work zone  
  - Latest guidelines/policy listed in the Work Zone Traffic Control Manual and the www.ncdot.org/~wztc  
  - Effective use of law enforcement strategies  
  - Lane closure and holiday restrictions using standardized method (to be developed)  
  - Delays or queue lengths (thresholds) based on criteria (to be developed)  
  - Utilization of permanent ITS devices/programs in the work zone  
D **Conduct value engineering study or during early design development**  
D **Conduct internal and external constructability reviews**

### Construction

D **Implement, monitor and revise (if necessary) TMP strategies**, including:  
  - Coordinate work zone activities with PI and IM during construction  
  - Monitor and maintain work zone devices  
  - Provide proactive and accurate “Real-time” information, using DMS, Smart Work Zones, Welcome Centers, Trucking Association, etc.  
  - Provide timely responses to customers  
  - Provide the contractor adequate access to the project to expeditiously complete the work  
  - Coordinate work zone activities within the network  
D **Maintain a project website** to provide information to the public  
D **Monitor work zones to reduce congestion and maintain safety** (to be developed)  
D **Conduct investigations where repetitive incidents occur, implement improvements where appropriate**  
D **Enforce compliance with signing requirements**  
D **Enforce Work Zone Qualification and Training Requirements**  
D **Use existing databases, such as TIMS, to collect and disseminate useful information about construction activities**

### Performance Assessment

D **Evaluate work zone data collected to improve future work zone strategies that reduce congestion and improve safety**  
D **Solicit feedback and suggestions from field engineers and contractors to improve design policies**  
D **Solicit feedback from law enforcement, road users, and municipalities**  
D **Conduct safety inspections/audits as needed to address specific problems that occur**