# Transportation Management Plan:

To better anticipate the impacts associated with individual projects every project will require a Transportation Management Plan (TMP). Work zones directly impact the safety and mobility of road users and highway workers across the State. These safety and mobility impacts are exacerbated by an aging highway infrastructure and growing congestion in many locations. Addressing these safety and mobility issues requires planning to start early in project development and continue through project completion. As the project develops the TMP will identify the project’s significance, which will determine the complexity of the Transportation Management Plan. The following list will provide a preliminary assessment of work zone impacts that should be considered and mitigated to improve the safety and mobility of the work zone and reduce the work zone impacts on the road users, community and businesses:

While developing the Transportation Management Plan the following strategies should be deployed:

**Temporary Traffic Control (TTC)** - A plan that describes the temporary traffic control measures to be used for facilitating road users through the work zone or incident area. The TTC provides a continuity of reasonably safe and efficient road user flow and highway worker safety when a work zone disrupts normal road user flow. The TTC plan shall be consistent with the provisions of the MUTCD and AASHTO Roadside Design Guide.

**Transportation Operations (TO)** - The TO component shall include the identification of strategies to mitigate impacts of the work zone on the operation of the transportation system within the work zone impact area.

**Public Information & Outreach (PI &O)** - The PI&O component can include communication strategies that seek to inform the general public of work zone impacts and the changing conditions of the project. The general public may include road users, area residence and businesses, and other public entities.

# Transportation Management Plan Questionnaire:

* Does the project require a long-term closure and/or an extended weekend closure?
* If so, can traffic be detoured?
* Are there businesses, schools, hospitals, fire/emergency access, etc. that would be impacted?
* Any load limit restrictions on surrounding roadways?
* Is the existing shoulder sufficient to support traffic during construction?
* Is additional width required on culverts or bridges to maintain traffic?
* Is there a school bus facility or route that would be impacted by project or detour?
* Are there public transit facilities and/or routes that would be impacted by project or detours?
* Is there a pedestrian/bicycle facility or link that must be maintained?

* Would a temporary structure(s) be required?
* Would there be a need to maintain railroad traffic? Or work within the railroad track envelope?
* Could maintenance of traffic have an impact on existing or proposed utilities?
* Does it appear that maintenance of traffic will require additional right-of-way?
* Can the contractor restrict the roadway during certain time periods?
* Is there roadwork in the immediate area that may affect traffic or the contractor’s operations (utility projects, maintenance by District forces, construction projects, municipality projects, etc.)?

* Is there roadwork on adjacent highways that may affect the use of alternate routes?
* Will project coordination require Smart Work Zone equipment use?
* Are there other maintenance of traffic issues that should be considered?
* Will signal retiming’s be necessary for the project or along its detour?
* Does this project or its detour fall within a high crash location?
* Are there any truck facilities or route that would be impacted by project or detour (turning radii)?
* Are there any special events (public or private) that would be impacted by project or detour?