

TRAFFIC MANAGEMENT PLAN PERFORMANCE SPECIFICATION

1.0 INTRODUCTION

The Design-Builder shall implement a Traffic Management Plan (TMP) for this Project that meets or exceeds the Performance Goals and Measures as outlined in this Specification. It is the Design-Builder's responsibility to obtain clarification of any unresolved ambiguity prior to proceeding with design or construction.

2.0 PERFORMANCE GOALS

- A) Provide a Traffic Management Plan (TMP) that maintains or improves safe traffic flows through the project limits for the duration of the Project.
- B) No injury or loss of life to the Public or Design-Builder's workforce.
- C) Minimize & Mitigate Liability with traffic-related incidents.
- D) No Claims as a result of traffic operations for the duration of the Project.
- E) Expeditious handling of incident and emergency operations.
- F) Provide 2-lanes of through traffic in both directions at all times. Temporary lane closures will be considered based on Queue Analysis results.
- G) Maintain all ramp access.

3.0 STANDARDS AND REFERENCES

The Design-Builder shall plan and implement traffic management in accordance with this Traffic Management Plan Performance Specification and the requirements of the following standards. Standards and references specifically cited in the body of this Traffic Management Plan Performance Specification establish requirements that have precedence over all others. In this Traffic Management Plan Performance Specification, if the requirements in any standard conflict with those in another, the standard highest on the list will govern. Listed under references are guidelines that the Design-Builder may use in addressing the requirements as the Design-Builder sees fit. It is the Design Builder's responsibility to obtain clarification of any ambiguity within this Traffic Management Plan Performance Specification prior to proceeding with design or construction.

3.1 STANDARDS

- A) LA DOTD Standard Specification for Roads and Bridges 2006, Section 713
- B) LA DOTD Temporary Traffic Control Details (TC-00 – TC-19)
- C) Manual of Uniform Traffic Control Devices (MUTCD)

- D) Design-Builder's own Standard Special Provisions and Specifications
- E) LA DOTD EDSM No. V1 1.1.4

3.2 REFERENCES

- A) LA DOTD Highway Design Manual
- B) AASHTO Roadside Design Guide, 2002
- C) LA DOTD Traffic Signal Details (TSD-00 – TSD-10)
- D) LA DOTD Qualified Products List (QPL)
- E) MUTCD Standard Highway Signs Policy
- F) LA DOTD Public Convenience Specifications
- G) National Cooperative Highway Research Board (NCHRP) Report 350
- H) ATSSA "Quality Guideline for Work Zone Traffic Control Devices"

4.0 SCOPE

The Design-Builder shall plan, design, construct and implement temporary traffic control measures that provide a safe construction work zone while simultaneously maintaining traffic flow through the project limits for the duration of the Project. The Design-Builder shall maintain 2-lanes of traffic in each direction at all times except where the Design-Builder's Queue Analysis allows night-time or off-peak lane restrictions. The Design-Builder shall also provide documentation for the mitigation of accident litigation.

5.0 PERFORMANCE MEASURES

- A) Management and inspection of traffic control activities.
- B) Protection and adequate guidance for traffic control during construction.
- C) Traffic control operations within the Project Site during construction and periods of suspension of the Work, particularly at intersections with State or local highways and Interstate Accesses.
- D) Placement, condition, maintenance and protection of traffic control devices (TCD).
- E) Traffic control methods relating to access to private and public properties within the Project Site.
- F) Traffic control operations related to Incident and Emergency activities (including hurricane evacuation and contra-flow as applicable).

- G) Quality control of submittals
- H) Modeling and model updating

6.0 REQUIREMENTS

The Design-Builder will be required, for potential litigation and claims purposes, to provide a Mitigation and Limitation of Liability/Claims Plan (M&LP).

6.1 M&LP EVALUATION CRITERIA

- A) Documentation of on-site conditions
- B) Qualifications of traffic control supervisors and technicians
- C) Accident investigation documentation (written and visual)
- D) Responsibility and authority assignments
- E) Submittals for permanent records (written and visual)

6.2 DESIGN-BUILDER'S RESPONSIBILITIES (EXECLUSIVE OF M&LP)

- A) Perform Queue Analysis/time through Project to determine the effectiveness of Traffic Management Plan. This analysis will be repeated as necessary and compared to actual conditions to valid predictions. Changes will be implemented as necessary. The Design-Builder shall maintain 2-lanes of traffic in each direction at all times except where the Design-Builder's Queue Analysis allow night-time or off-peak lane restrictions.
- B) Properly supervise the implementation, maintenance and Inspection of Traffic Control Plan (TCP) measures and details, through certified and accepted Traffic Control Supervisors (TCSs) and Traffic Control Technicians (TCTs).
- C) Record crash details; time and date of notification; take photos at the scene; video the project signs in the approach direction and provide to the Design Builder Project Manager and LA DOTD Project Manager.
- D) Perform daily video of the project signage prior to starting work and changes at work locations.
- E) Perform night video of project signage once per week.
- F) Provide weekly reports certifying adherence to the Design-Builder's TMP and that all traffic controls meet the standards.
- G) The Design-Builder Quality Control (DBQC) will review and certify that the TMP has been checked and meets all contract requirements.
- H) Provide daily Traffic control inspection reports.

Louisiana Department of Transportation and Development

- I) Provide TMP Diary(ies) and Project Video(s).
- J) Provide TMP Details and Inspection frequency.
- K) Provide copies of the TMP Diary(ies) with the Monthly Progress Report.
- L) Provide Motorist Assistance Patrol (MAP) services within the limits of the Project while traffic control measures are in place.