

**MAINTENANCE DURING CONSTRUCTION  
PERFORMANCE SPECIFICATION**

**1.0 INTRODUCTION**

The Design-Builder shall implement a Maintenance Plan for the existing Interstate-12 highway system in the project corridor that meets or exceeds the performance goals and measures as outlined in this Maintenance During Construction Performance Specification.

**2.0 PERFORMANCE GOALS**

The Design-Builder shall meet the following performance goals:

- A) The roadway and shoulders, including pavement and bridge decks, must be maintained in a safe, smooth, debris free condition which allows for use as intended by interstate traffic;
- B) All roadside features, appurtenances, and devices, including, but not limited to, drainage structures, guard rail, and permanent signs must be maintained in a manner that allows these items to function as intended;
- C) The roadside vegetation must be maintained in a manner that allows the side slopes, end slopes, and ditches to function as intended and provide a pleasing aesthetic appearance which does not impede drainage or any other function of roadside features, appurtenances, or devices; and
- D) Litter and other roadside debris must be managed to maintain a pleasing, aesthetic appearance and to allow for the safe movement of traffic.

**3.0 STANDARDS AND REFERENCES**

The Design-Builder shall plan, and implement maintenance in accordance with this Maintenance During Construction Performance Specification and the requirements of the following standards. Standards and references specifically cited in the body of this Maintenance During Construction Performance Specification establish requirements that have precedence over all others. In this Maintenance During Construction 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 Maintenance During Construction Performance Specification prior to proceeding with design or construction.

**4.0 STANDARDS**

The standards for this Maintenance During Construction Performance Specification are listed in descending order of precedence. In case of conflict between or among standards, the order of precedence established by the LA DOTD will govern.

- A) Manual for Uniform Traffic Control Devices (MUTCD), (2003 with Revisions 1 and 2); and
- B) The Louisiana Department of Transportation and Development's Guardrail Design Standards (GR-200 and GR-0201).

- C) Attachment A – Roadside Vegetation Maintenance Standards

## **5.0 REFERENCES**

The version of the following references in effect on the Proposal due date may apply:

- A) The Louisiana Department of Transportation and Development’s Maintenance Manual. (LA DOTD Maintenance is currently revising this manual. If version REV. JULY 1, 1986 of this manual is used, disregard page M6-16 ;
- B) The American Association of State Highway and Transportations Officials’ (AASHTO) Maintenance Manual for Roadways and Bridges (2007);
- C) The Louisiana Department of Transportation and Development’s Policy for Roadside Vegetation Management;
- D) The American Association of State Highway and Transportation Official’s Roadside Design Guide 3rd Edition 2006; and
- E) Engineering Directives and Standards Manual (EDSM), LA DOTD.

## **6.0 SCOPE**

Within the Project limits, the Design-Builder shall provide all necessary maintenance of the existing Interstate-12 (I-12) roadway, bridges, and all associated roadside features, including, but not limited to, permanent signs guardrail, vegetation, and drainage structures for the duration of the Design-Build (DB) Contract.

## **7.0 PERFORMANCE MEASURES**

The Design-Builder’s performance will be evaluated in accordance with the measures identified in Sections 7.1 through 7.7 below.

### **7.1 PAVEMENT (TRAVEL LANES AND SHOULDERS)**

The following measures will be used to evaluate pavement maintenance during construction:

- A) Surface defects;
- B) Drainage aspects;
- C) Pavement and shoulder edge conditions;
- D) Rutting;
- E) Joints and cracking;
- F) Ride quality;
- G) Friction;

- H) Timeliness of repair strategy; and
- I) Debris removal.

## **7.2 BRIDGES AND STRUCTURES**

The following measures will be used to evaluate bridge and structures (other than structures covered in Section 5.3) maintenance during construction:

- A) Surface defects;
- B) Drainage aspects;
- C) Joints and cracking;
- D) Ride quality;
- E) Friction;
- F) Timeliness of repair strategy; and
- G) Debris removal.

Approval for repairs and/or replacement of bridge or structures must be obtained from the Department's Project Manager prior to Work being performed.

## **7.3 PIPES, CULVERTS, AND MISCELLANEOUS DRAINAGE STRUCTURES (SUCH AS, CATCH BASINS, DROP INLETS AND MEDIAN DRAINS)**

The following measures will be used to evaluate pipe, culvert, and miscellaneous drainage structure maintenance during construction:

- A) Effectiveness and function;
- B) Debris/vegetation;
- C) Erosion/scour;
- D) Structural condition; and
- E) Flooding.

## **7.4 RETAINING WALLS**

The following measures will be used to evaluate retaining wall maintenance during construction:

- A) Effectiveness and function;
- B) Debris/vegetation;
- C) Erosion/scour; and

D) Structural condition.

## **7.5 GUARDRAIL**

The following measures will be used to evaluate guardrail maintenance during construction:

- A) Effectiveness and function; and
- B) Timeliness of repair strategy.

Approval for repairs and/or replacement of guardrail must be obtained from the Department's Project Manager prior to Work being performed.

## **7.6 PERMANENT SIGNS**

The following measures will be used to evaluate permanent sign maintenance during construction:

- A) Visibility and legibility during daytime and nighttime;
- B) Timeliness of repair strategy;
- C) Functionality; and
- D) Debris.

## **7.7 ROADSIDE VEGETATION**

The following measures will be used to evaluate roadside vegetation maintenance during construction:

- A) Maintenance of primary turf height;
- B) Landscaped areas and all other roadside vegetation; and
- C) Control of noxious weeds and the collection/disposal of litter.

## **8.0 REQUIREMENTS**

### **8.1 LICENSES AND SPECIAL TRAINING**

#### A) Pesticide Applicator

The Design-Builder shall possess, or employ a person who possesses, a Louisiana Department of Agriculture and Forestry (LD&F) Commercial Pesticide Applicator License, within the Right-of-Way (ROW) usage and turf and ornamental category, to apply pesticide/herbicide within the highway system, as required. The Design-Builder shall provide the LA DOTD with documentation of the Commercial Pesticide Applicator License prior to beginning Work. Mixing, transporting, handling, spraying, and disposal of materials must be done by licensed personnel.

#### B) Aquatic License

The Design-Builder shall possess an aquatic license to make pesticide applications to target species located in bodies of water.