

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION
LPA ROADWAY DESIGN RELATED DATA**

Date:

Local Public Agency:
County:

¹
MDOT Project Numbers:
External
FMS

Project Description²:

Length: mi.

Rural or Urban (Select Only One): Rural Urban Functional Classification Maps

Functional Classification (Select Only One): Arterial Collector Local Street

Type Project (Select Only One): New Constr./Reconstr. 3R (Resurfacing,Restoration,Rehab.) 1R (Preventative Maint. Resurfacing)

Curbs (Select Only One): Yes No **Number of Through Travel Lanes** (Proposed):

Divided Median: Yes No **Number of Auxillary Turn Lanes** (Proposed):

Median Opening Spacing: ft **Total Number of Lanes** (Proposed):

Design Traffic Data: **Current Year** () ADT:
Design Year () ADT:

| Design Year Criteria (Years from Current Year) | |
|--|----------|
| New/Reconstruction Projects | 20 Years |
| 3R Projects | 10 Years |

Right of Way Required (Select Only One): Yes No **Relocation Required** (Select Only One): Yes No

CONTROLLING DESIGN CRITERIA³

Listed below are the Controlling Design Criteria. Enter the Limiting Design Value from the MDOT Design Manual, Geometric Design Criteria Table required.

| Controlling Design Criteria (New Constr./Reconstr. and 3R Projects) | Limiting Design Value | Units |
|--|-----------------------|-------|
| Design speed | | mph |
| Lane Width | | ft |
| Outside Shoulder Width, Usable | | ft |
| Median Shoulder Width, Usable | | ft |
| Travel Lane Cross Slope | | % |
| Shoulder Cross Slope | | % |
| New Bridge Structural Capacity (if applicable) | | |
| New Bridge Minimum Width (if applicable) | | ft |
| Existing Bridge Structural Capacity (if applicable) | | |
| Existing Bridge Minimum Width (if applicable) | | ft |
| Roadside Clear Zone (Obstruction) | | ft |
| Stopping Sight Distance | | ft |
| Maximum Horizontal Curve | | deg |
| Superelevation Rate | | % |
| Horizontal Sight Distance | | ft |
| Maximum Grade | | % |
| Vertical Curve K Factor (Crest) | | ft |
| Vertical Curve K Factor (Sag) | | ft |
| Minimum Vertical Clearance (Proposed) | | ft |
| Minimum Vertical Clearance (Existing) | | ft |

**MDOT Design Manual
(New Constr./Reconstr. and 3R Projects)
The required Geometric Design Criteria Table is
indicated with an "x".**

| Geometric Design Criteria Table | | | Req'd |
|---------------------------------|---------------|-------|-------|
| Urban, New/Reconst | Arterials | 14-2G | |
| | Collectors | 14-2H | |
| | Local Streets | 14-2I | |
| Urban, 3R | Arterial | 14-3A | |
| | Collectors | 14-3B | |
| | Local Streets | 14-2I | |
| Rural, New/Reconst | Arterials | 2-7C | |
| | Collectors | 2-7D | |
| | Local Streets | 13-3G | |
| Rural, 3R | Arterials | 11-2C | |
| | Collectors | 11-2D | |
| | Local Streets | 13-3F | |

¹ Project Numbers will be assigned by MDOT.

² If additional space is necessary, use the Remarks section on page 2.

³ See Chapter 14, MDOT Design Manual for all Urban projects; Chapter 2 or Chapter 13, MDOT Design Manual for Rural New/Reconstruction projects; Chapter 11 or Chapter 13, MDOT Design Manual for Rural 3R projects.

VICINITY MAP

A vicinity map indicating the location of the project must be included with the LPA-700. The map should be of sufficient scale to enable someone not familiar with the area to identify the location and termini of the proposed project.

ADA GUIDELINES FOR ACCESSIBILITY

All projects must meet requirements of the latest revised version of 28 CFR 36 Appendix A - ADA Accessibility Guidelines (especially those for sidewalks, curb-cut ramps, and other items concerning public rights of way). Should any project not meet these requirements, the use of federal-aid funds will not be allowed in the project.

TYPICAL SECTIONS

Please provide as many as needed to describe various sections.
All dimensions will be in English Units..
Show general Limits of each section.

TYPICAL SECTION(S) SHOULD INCLUDE ALL **EXISTING AND PROPOSED** DETAILS SUCH AS PAVEMENT, TRAVEL LANES, TURN LANES, SHOULDERS, CURB & GUTTER, SIDEWALKS, SIDESLOPES, ETC.

TRAFFIC CONTROL INFORMATION

Are there any existing or proposed traffic signals or 3/4-way stops at the ends or within the project?

| | | | | |
|----------------------------------|----------------------------|---|---------------------------|---|
| If YES, How many signals? | Maintained by MDOT? | * | Maintained by LPA? | * |
|----------------------------------|----------------------------|---|---------------------------|---|

*If any existing traffic signals are on MDOT Right-of-Way, the LPA must submit a permit to the MDOT District Maintenance Engineer. A copy of the approved permit must be included as part of the PS&E Assembly.

How many 3/4-Way Stops?

Remarks:

Prepared By:

| | |
|-----------------------|------------------------|
| _____ | _____ |
| PROFESSIONAL ENGINEER | MS REGISTRATION NUMBER |

Address:

Approved By:

| | |
|----------------------------------|-------|
| _____ | _____ |
| ROADWAY DESIGN DIVISION ENGINEER | DATE |