***FORMAT NOT APPLICABLE FOR ADA, CLEAR ZONE, SIGHT DISTANCE, OR SIGNATURE REQUIREMENT (FDM 122.7.4) DESIGN VARIATIONS***

***FORM 122-A MUST ACCOMPANY THIS AS A COVER SHEET***

DATE: \_\_\_\_\_\_\_\_, 2013

TO: John Olson, P.E., District Design Engineer

FROM: \_\_\_\_\_\_\_\_\_\_\_\_\_\_, P.E., Engineer of Record

SUBJECT: **DESIGN VARIATION MEMO FOR \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Financial Project ID: XXXXXX-1-52-01

County / Section No. XX-XXX-XXX

State Road Number:

Federal Aid Number:

Project Description:

New Construction [ ] RRR [ ]

***DESCRIPTION:***

*Provide a brief project description including roadway classification and relevant information.*

***DESIGN CRITERIA VERSUS PROPOSED DESIGN:***

*Discuss briefly the design criteria vs. the proposed design, cite the PPM Reference source*

* **FDOT Criteria**
* **Proposed Design**

**LIMITS APPLICABLE**

*Provide specific limits of the deficiency by both Station and milepost in table format; modify the table headings, and add or delete columns as necessary for the specific design criteria at issue.*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **BEGIN STA.****(MILEPOST)** | **END STA.****(MILEPOST)** | **DESIGN / POSTED SPEED** | **DESIGN CRITERIA** | **PROPOSED DESIGN** | **REMARKS** |
| XXX+XX.XX(YY.YYY) | XXX+XX.XX(YY.YYY) |  |  |  |  |
| XXX+XX.XX(YY.YYY) | XXX+XX.XX(YY.YYY) |  |  |  |  |

***REASON THE DESIGN CRITERIA ARE NOT APPROPRIATE:***

*Describe, in bullet format to the extent possible, the reasons the PPM Design Criteria are not appropriate. Modify the suggested bullets as necessary to address the specific design criteria at issue.*

* Geometric Constraints?
* Right-of-way discussion?
* Impact of using required criteria?

***SAFETY IMPACTS/REVIEW OF CRASH HISTORY:***

*Discuss, in bullet format to the extent possible, the number and types of crashes within the limits of the deficient locations for this variation. State the period for which the latest 5-year certified crash data were obtained and reviewed. Expand the discussion to focus on those types of crashes that potentially relate to the deficiency being addressed. Long form crash data may be required to be reviewed for specific crashes. This section will be included if the crash history is requested by the district.*

* Crash data from xxxx to xxxx were reviewed.
* There were xx crashes within the limits of the deficiency?
* XX crashes were of a type \_\_\_\_ that have the potential to be related to the Design Variation being recommended.

***JUSTIFICATION FOR PROPOSED CRITERIA:***

*Provide, in bullet format to the extent possible, a justification for approval of the recommended Variation from required criteria. Modify the suggested bullets as necessary to address the specific design criteria at issue.*

* AASHTO
* Traffic
* Alternative designs
* The cost to construct to new criteria if Design Variation not approved

***CONCLUSION AND RECOMMENDATION:***

*Summarize, in bullet format to extent possible, the case made in the document above for approval of the deviation from Design Criteria including any mitigation strategy.*

* X
* xx
* Recommend approval of the Variation for the Limits identified.

**Recommended by:**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_

Mickey Mouse, PE 11111

XYZ Engineering, Inc.

10045 Fidelity Lane

Tampa, FL 33672

Phone (813) 123-4567

C of A 12345

***NOTE: USER TO DELETE EMBEDDED INSTRUCTIONS IN SMALL FONT ITALICS ABOVE FROM DOCUMENT.***