

## BRIDGE DESIGN BULLETIN 2022-1

TO: All Bridge Designers

FROM: David L. Eberhart, P.E.  
State Bridge Engineer

CC: Chad Matty (Federal Highway Administration)

DATE: May 25, 2022

RE: Digital Messaging Sign - Butterfly

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### Purpose

The purpose of this memorandum is to inform all engineers and designers that the standard drawings for the Butterfly Digital Messaging Sign (DMS) were added to the Bridge Group website as part of the SD 9 Traffic Structures series. The new Butterfly DMS Standard Drawings (SD 9.60) can be accessed at the following website:

<https://azdot.gov/business/engineering-and-construction/bridge/structure-detail-drawings/sd-9-traffic-structures>

There are 7 new Butterfly DMS standard drawings:

1. SD 9.60 (1 of 7): General Plan and Elevation
2. SD 9.60 (2 of 7): Foundation Details
3. SD 9.60 (3 of 7): DMS Monotube Assembly
4. SD 9.60 (4 of 7): DMS Mast Arm and Details
5. SD 9.60 (5 of 7): Miscellaneous Details
6. SD 9.60 (6 of 7): Catwalk Assembly and Handrail
7. SD 9.60 (7 of 7): Catwalk Details

For questions about the new SD 9.60 series, please contact:

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