

* SEE STANDARD PLAN R-60-SERIES FOR POST SPACING AND GUARDRAIL
LAYOUT TO TRANSITION FROM GUARDRAIL, TYPE MGS-8 TO GUARDRAIL APPROACH TERMINAL. TYPE $1 B$ OR GUARDRAIL APPROACH TERMINAL,
TYPE 2 B .

GUARDRAIL LONG SPAN, DETAIL MGS-2

MICHIGAN DEPARTMENT OF TRANSPORTATION
bureau of development standard plan for
GUARDRAIL LONG SPAN INSTALLATIONS

|  | F.H.W.A. APPROVAL$\frac{3-4-2020}{\text { PLAN DATE }}$ | $\mathrm{R}-\mathrm{r} / 2-\mathrm{D}$ | SHEET <br> 2 OF 6 |
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POST 1 THROUGH 3 DETAIL
GUARDRAIL LONG SPAN DETAILS MGS-1, MGS-2, \& MGS-3


POST 4 THROUGH 6 DETAIL GUARDRAIL LONG SPAN DETAILS MGS-1 \& MGS-2

POST 4 THROUGH 8 DETAIL guardrail long span detail mgs-3

GUARDRAIL LONG SPAN INSTALLATIONS

|  | $\frac{3-4-2020}{\text { F.H.W.A. APPROVAL }}$ | $\frac{\mathrm{R}}{} \mathrm{PLAN}$ DATE | SHEET D |
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| 5 OF 6 |  |  |  |

NOTES:
ALL POSTS, OFFSET BLOCKS, BEAM ELEMENTS, AND HARDWARE (INCLUDING BOLTS, NUTS, AND WASHERS) SHALL BE ACCORDING TO THE CURRENT STANDARD SPECIFICATIONS AND THE CURRENT STANDARD PLAN R-60-SERIES, WHERE APPLICABLE, EXCEPT WHERE NOTED ON THIS STANDARD.

THE GUARDRAIL MODIFICATIONS DETAILED ON THIS STANDARD SHOULD ONLY BE USED WHERE $6^{\prime}-3^{\prime \prime}$ POST SPACING AND POST EMBEDMENT CANNOT BE MET.

IF USE OF THIS DESIGN WOULD INTERFERE WITH THE POST SPACING WITHIN A GUARDRAIL BRIDGE ANCHORAGE AS SPECIFIED ON STANDARD PLAN R-67-SERIES OTHER OPTIONS SHOULD BE INVESTIGATED AND USED

MICHIGAN DEPARTMENT OF TRANSPORTATION BUREAU OF DEVELOPMENT STANDARD PLAN FOR

## GUARDRAIL LONG SPAN INSTALLATIONS

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