

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Inter-Departmental Memorandum

TO: Design Team Leaders

DATE: June 29, 2004

FROM: Steven W. Reeves
Quality Control Engineer

SUBJECT OR PROJECT NO: Temporary Guardrail
for Detour Bridges

INFORMATION COPY TO:

COUNTY:

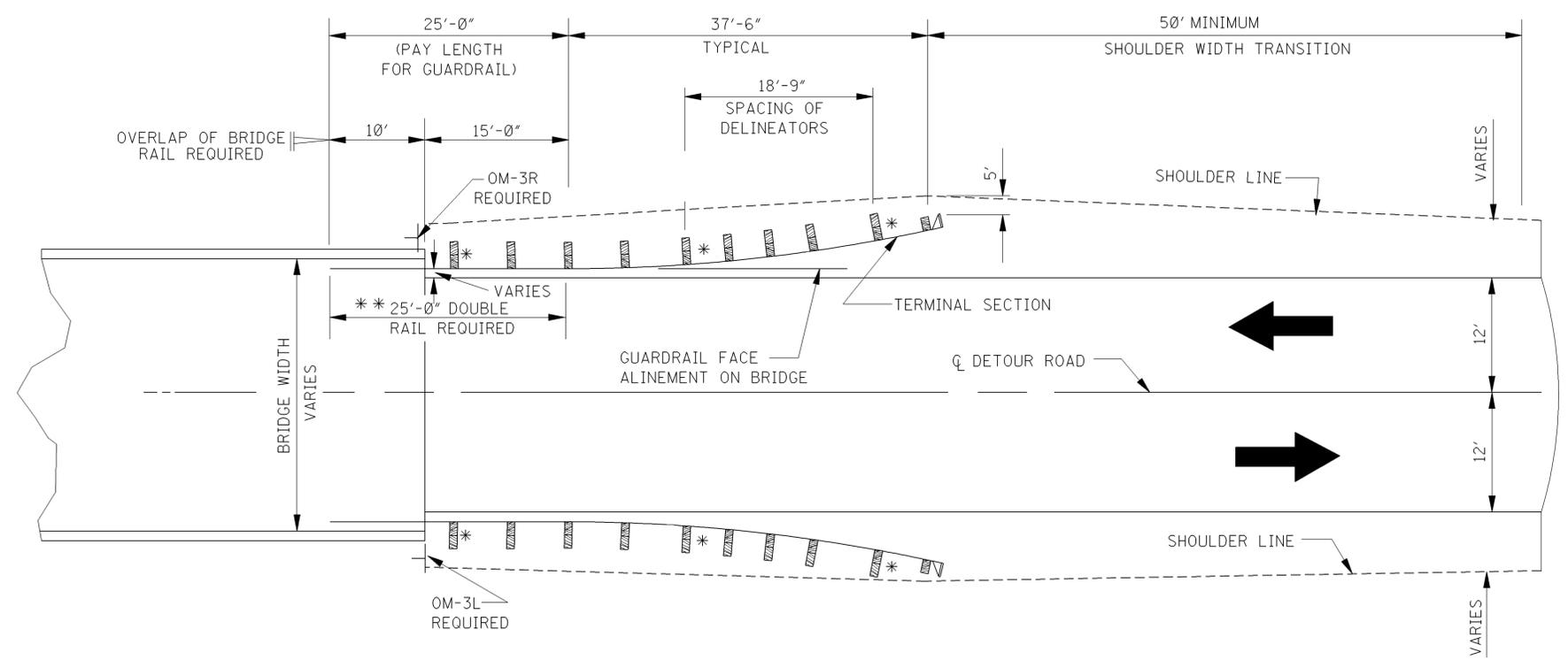
Roadway Design Division Engineer (Pickering)
Assistant Roadway Design Engineer (Purvis)
Roadway Design Section Engineers
Construction Division
District Engineers
Files

Please find enclosed a half-scale copy of the Special Design sheet for temporary guardrail installations on detour bridges. This revision was needed due to the nature of the end terminals that we use now. The double rail can not be part of the terminal section because it interferes with the terminal during a crash. Please use this Special Design sheet for future installations. This sheet shall be included in future plans.

The revised installation shall increase the quantity for the pay item, GUARDRAIL, CLASS A, TYPE 1, by 12.5 feet for each installation. Plans that have been finalized by Roadway Design Division, and do not require any other revision, will not be revised for this change.

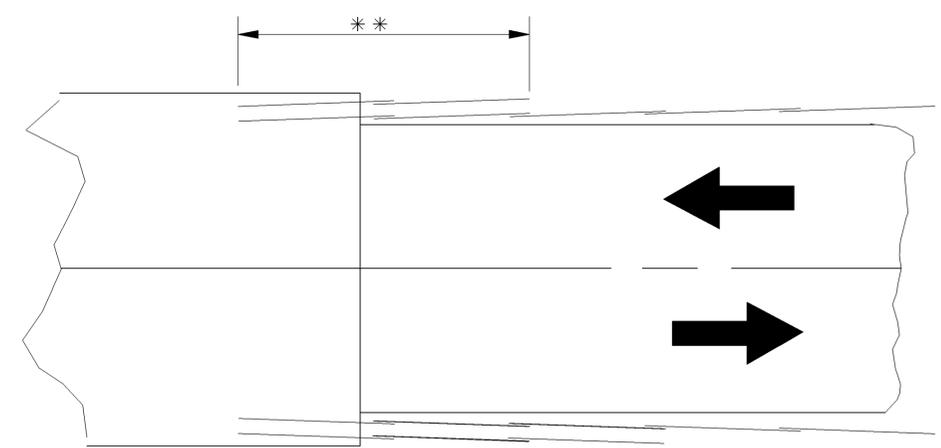
If you have any questions, please advise.

SWR/swr



PLAN
(TEMPORARY GUARDRAIL)

NOTE: TYPICAL FOR EACH END OF BRIDGE.



DETAIL SHOWING GUARDRAIL
SECTION LAPS AND OVERLAPS

LEGEND

- * SINGLE WHITE DELINEATOR REQUIRED (3 REQUIRED PER INSTALLATION)
- ** TWO SECTIONS OF GUARDRAIL ONE SET INSIDE THE OTHER.
(NO EXTRA PAY FOR DOUBLE RAIL)
- ← INDICATES DIRECTION OF TRAFFIC

GENERAL NOTES:

1. GUARDRAIL TO BE INSTALLED PRIOR TO PLACEMENT OF TRAFFIC ON DETOUR ROAD.
2. FOR OTHER DETAILS OF GUARDRAIL INSTALLATION, SEE THE APPROPRIATE STANDARD DRAWINGS.
3. OVERLAP GUARDRAIL 10' OVER BRIDGE RAIL.
(NOT A SEPARATE PAY ITEM).
4. BOLT GUARDRAIL TO BRIDGE RAIL AS PER STANDARD PLAN
(NOT A SEPARATE PAY ITEM).
5. POST SPACING TO BE 6'-3" UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE ENGINEER.
6. FOR DETAILS PERTINENT TO INSTALLATION OF THE TERMINAL SECTION, SEE MANUFACTURER'S SPECIFICATIONS AND DRAWINGS OR ELSEWHERE ON PLANS

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
GUARDRAIL (TEMPORARY): TYPICAL INSTALLATION AT DETOUR BRIDGE ENDS	
WORKING NUMBER	
FILENAME:	SHEET NUMBER
DESIGN TEAM	CHECKED DATE

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