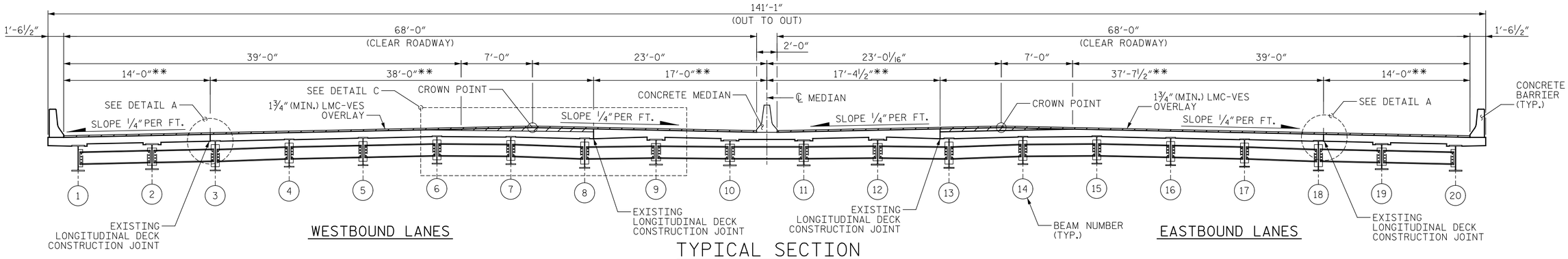


TYPICAL SECTION

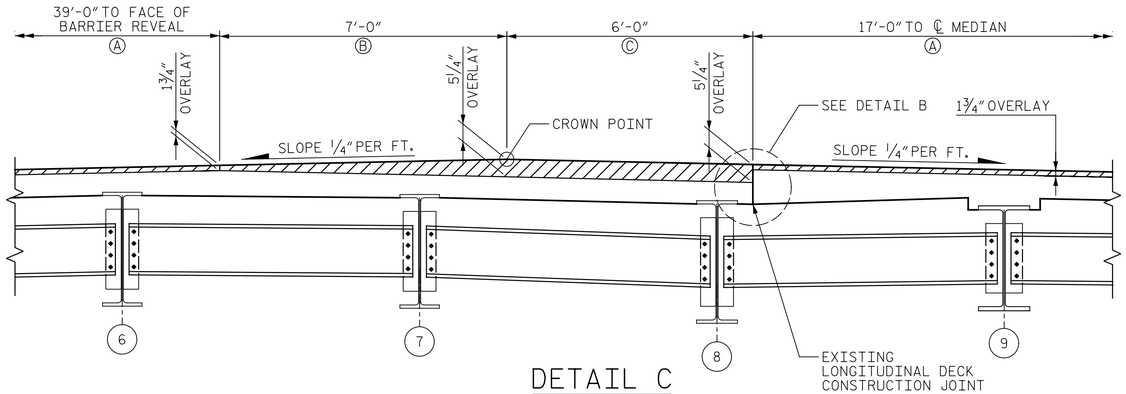
(PROPOSED)

** FIELD VERIFY DIMENSION TO EXISTING LONGITUDINAL DECK CONSTRUCTION JOINT (SEE NOTES)

Ⓐ 1¼" FINE MILLING
¼" MIN. DECK HYDRO-DEMOLITION
1¾" LMC-VES OVERLAY

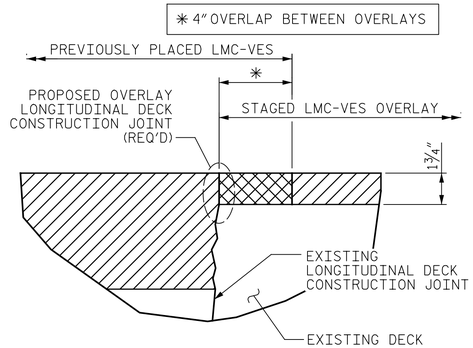
Ⓑ FINE MILLING VARIES 1¼" TO 4¾"
¼" MIN. DECK HYDRO-DEMOLITION
LMC-VES OVERLAY VARIES 1¾" TO 5¼"

Ⓒ 4¾" FINE MILLING
¼" MIN. DECK HYDRO-DEMOLITION
5¼" LMC-VES OVERLAY

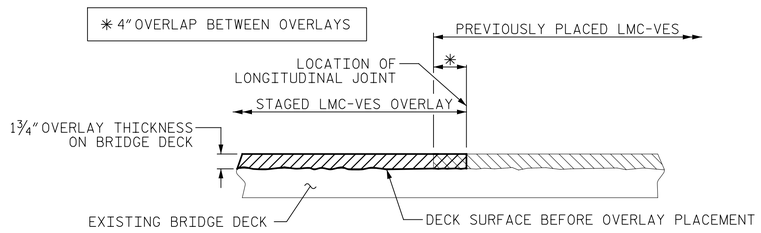


DETAIL C

(PROPOSED)
(WESTBOUND LANE SHOWN, EASTBOUND LANE SIMILAR BY OPPOSITE HAND)



DETAIL B



SECTION THRU DECK

STAGED LMC-VES OVERLAY JOINT

(AS NEEDED)

NOTES:

UNLESS INDICATED OTHERWISE IN THE PLANS, SEE TRAFFIC MANAGEMENT PLANS FOR TYPICAL LANE WIDTHS, SEQUENCING, AND OTHER TRAFFIC CONTROL MEASURES FOR STAGING OF OVERLAY SURFACE PREPARATION AND LMC-VES PLACEMENT.

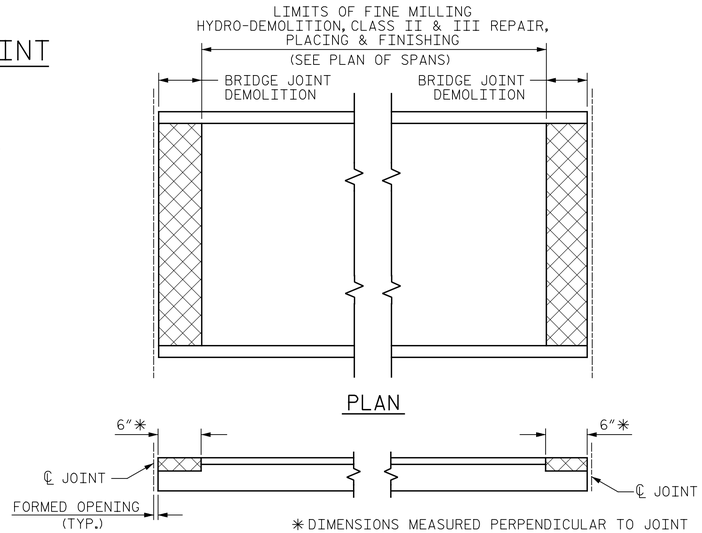
WHEN PREPARING THE SURFACE FOR LMC-VES OVERLAY ADJACENT TO A PREVIOUSLY PLACED LMC-VES STAGE, THE PREVIOUSLY PLACED LMC-VES SHALL BE REMOVED FOR A DISTANCE OF 4 INCHES FROM THE LMC-VES EDGE. THE SURFACE OF THE NEW STAGE AREA, ALONG WITH THE 4 INCH OVERLAY AREA, SHALL BE PREPARED AS PER THE OVERLAY SURFACE PREPARATION SPECIAL PROVISIONS. NEW LMC-VES SHALL BE PLACED IN THE 4-INCH OVERLAP, AS PART OF THE NEW LMC-VES STAGE PLACEMENT.

CONTRACTOR SHALL VERIFY THE PLAN DIMENSIONS TO THE DECK CONSTRUCTION JOINT AND USE THIS VERIFIED DIMENSION FOR SAWING THE LONGITUDINAL JOINT AFTER PLACEMENT OF THE OVERLAY.

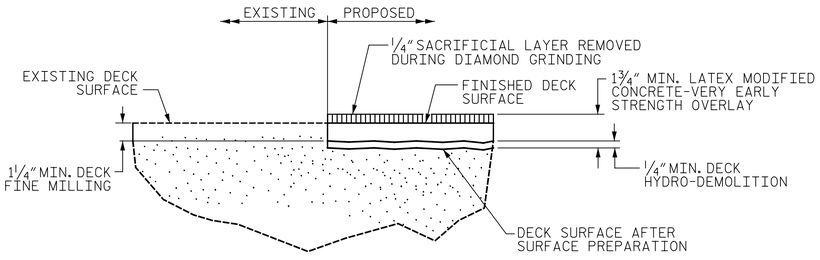
THE LONGITUDINAL JOINT IN THE NEWLY PLACED OVERLAY SHALL BE SAWED PRIOR TO TRAFFIC BEING PLACED ON THE OVERLAY. THE JOINT SHALL BE CLEANED OF ALL DEBRIS BEFORE THE SEALANT IS APPLIED. THE JOINT SEALER MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF TYPE SL LOW MODULUS SILICONE SEALANT.

VERIFY HORIZONTAL DIMENSION FROM ℄ MEDIAN TO EXISTING LONGITUDINAL DECK CONSTRUCTION JOINT AT FILL FACE OF END BENTS AND ℄ JOINT AT BENTS.

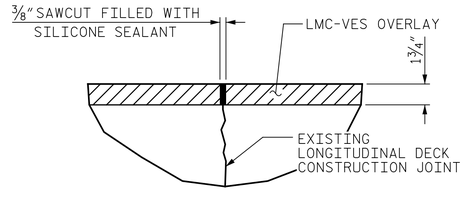
THE CONTRACTOR SHALL ENSURE THAT THE SAWCUT FOLLOWS THE LINE OF THE EXISTING LONGITUDINAL CONSTRUCTION JOINT.



PAY LIMITS FOR OVERLAY BID ITEMS



DETAIL FOR LMC-VES OVERLAY



DETAIL A

PROJECT NO. I-5997
WAKE COUNTY
BRIDGE NO. 910260

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

TYPICAL SECTION AND SURFACE PREPARATION DETAILS

NORTH CAROLINA PROFESSIONAL SEAL 020208 ENGINEER ERIC B. NELSON

DocuSigned by: Eric B. Nelson Jr. 1/12/2022
ACB8082119D74CD...

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Excellence Delivered As Promised
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(919) 420-7660
NC Lic. No. F-0270

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-18
1			3			TOTAL SHEETS
2			4			82

DRAWN BY : J. MYA DATE : 08/2021
CHECKED BY : J. YANNACCONE DATE : 09/2021
DESIGN ENGINEER OF RECORD: R. NELSON DATE : 09/2021

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