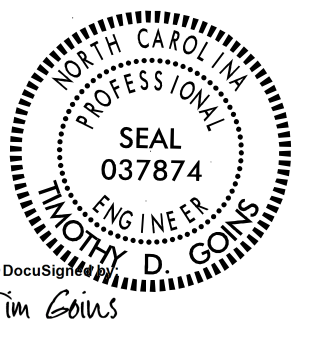
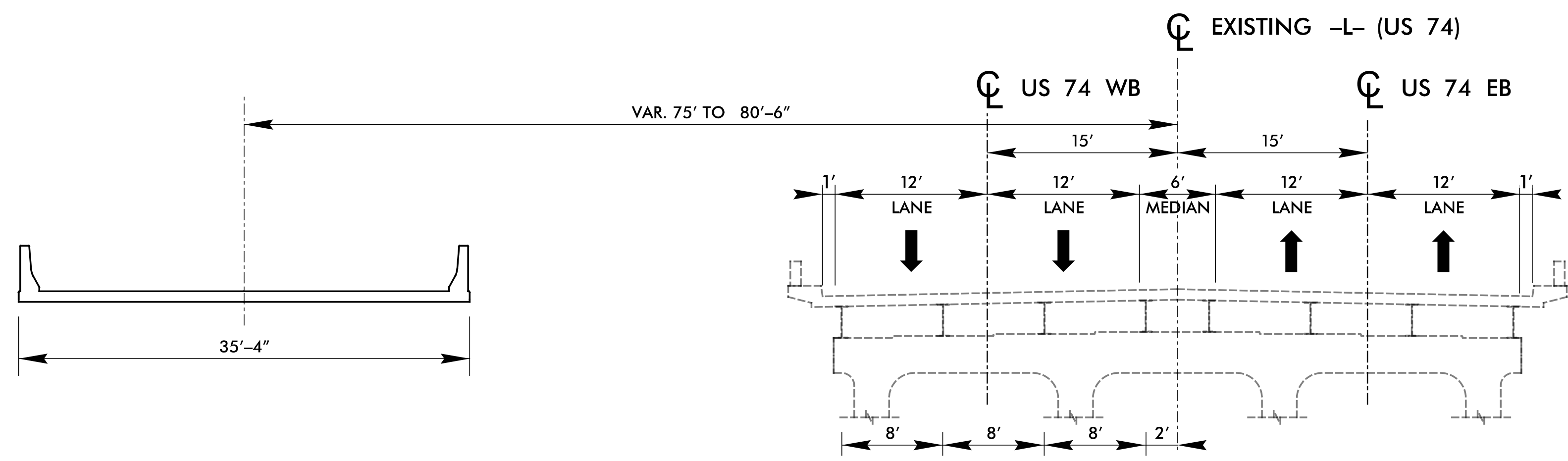


PROJECT REFERENCE NO. <i>B-5982</i>	SHEET NO. <i>2B-1</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	
	
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>	

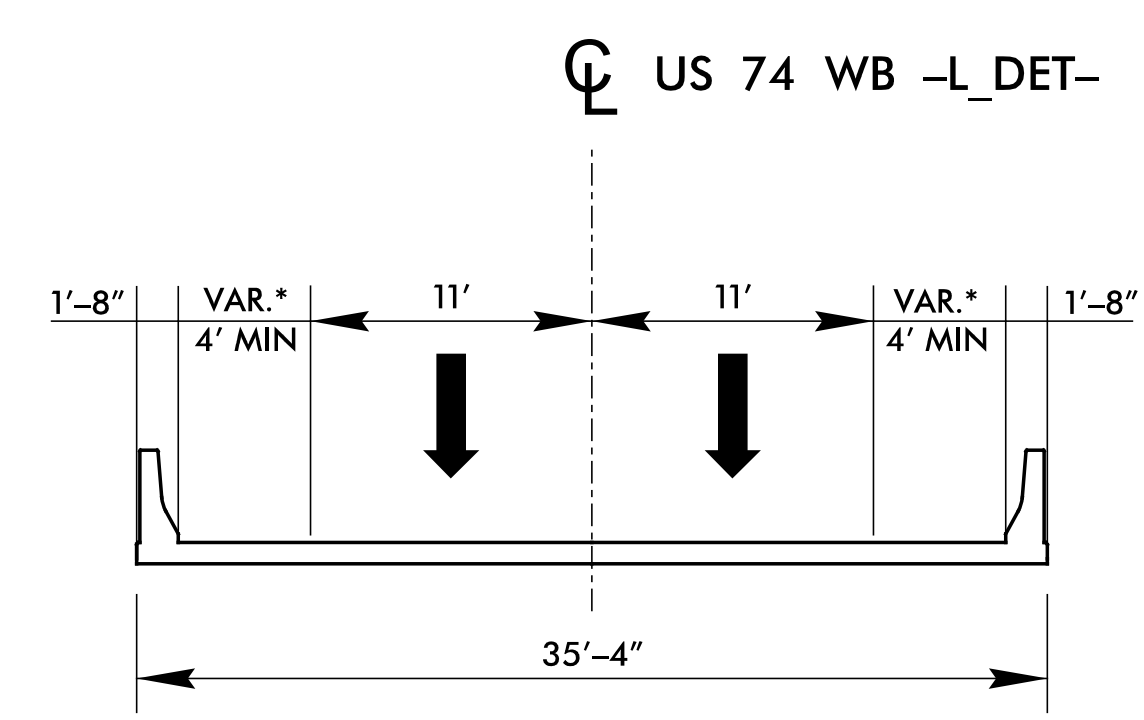
vhb
 VHB Engineering NC, P.C. (C-3705)
 940 Main Campus Drive, Suite 500
 Raleigh, NC 27606

CONSTRUCTION PHASING NARRATIVE:
 THE FOLLOWING DESCRIBES THE ANTICIPATED STAGES OF CONSTRUCTION FOR REPLACING THE BRIDGE ON US 74 OVER BLUERIDGE SOUTHERN RAILROAD. PRIOR TO ANY WORK STARTED AND THROUGHOUT CONSTRUCTION, THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN CLOSE COORDINATION WITH THE RAILROAD AND FOLLOW RAILROAD PROTOCOL FOR CONSTRUCTION WITHIN THE RAILROAD RIGHT-OF-WAY. THE RAILROAD RIGHT-OF-WAY EXTENDS 100-FT ON EITHER SIDE OF THE CENTERLINE OF TRACK.

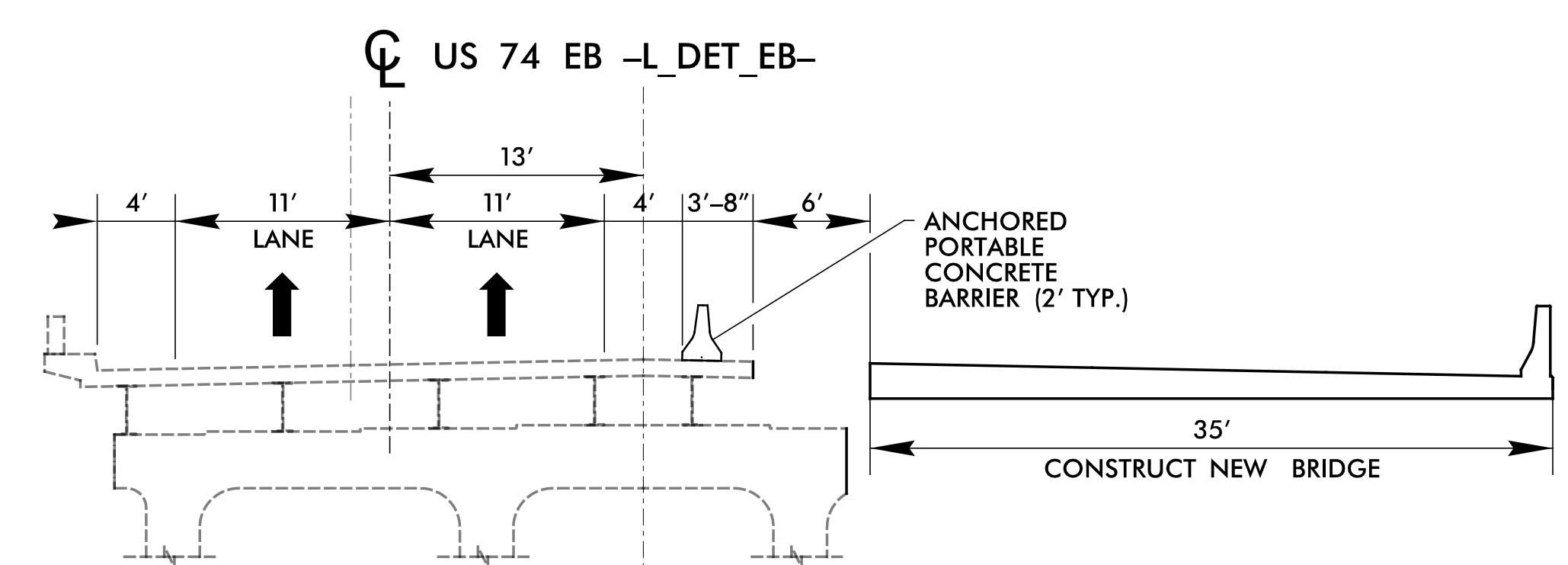


STAGE 1 CONSTRUCTION

STAGE 1:
 CONSTRUCT THE TEMPORARY DETOUR AND BRIDGE WEST OF THE EXISTING BRIDGE ON US 74, MAINTAINING A MINIMUM OF 10-FT BETWEEN STRUCTURES.

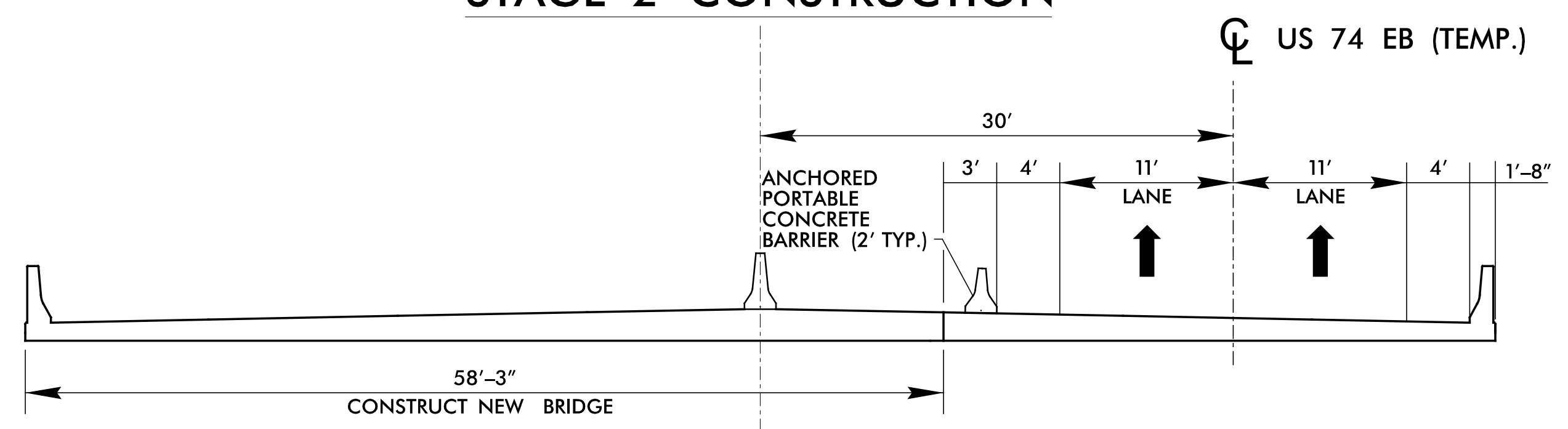
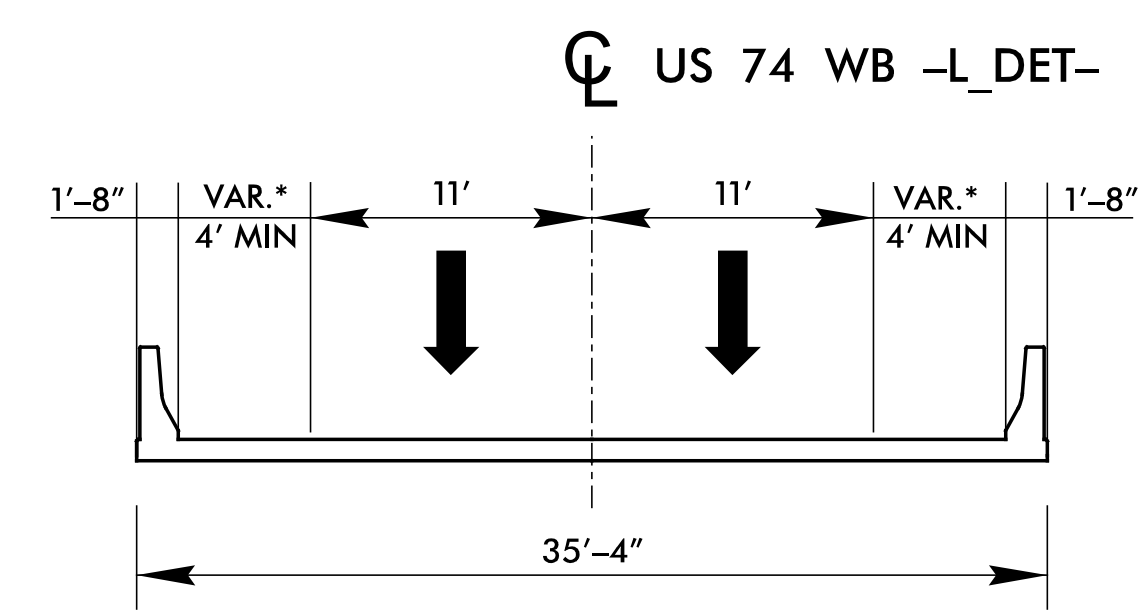


*NOTE: -L_DET- IS PLACED WITH VARIABLE OFFSET ON THE TEMPORARY STRUCTURE



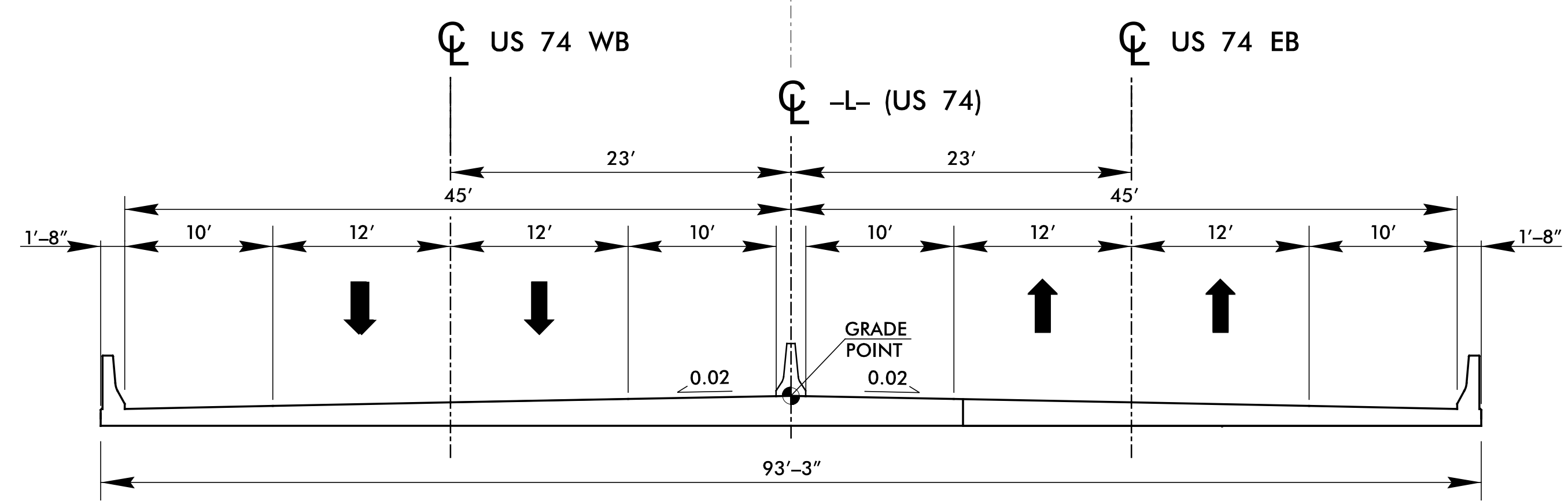
STAGE 2 CONSTRUCTION

STAGE 2:
 INSTALL ANCHORED BARRIER ON THE EXISTING BRIDGE. SHIFT SOUTHBOUND TRAFFIC ONTO THE TEMPORARY STRUCTURE AND NORTHBOUND TRAFFIC ONTO THE EXISTING SOUTHBOUND SIDE OF THE BRIDGE. REMOVE THE NORTHBOUND SIDE OF THE BRIDGE, INCLUDING THE SUPERSTRUCTURE AND THE EASTERN BENT PIER AND APPROXIMATELY 15'-6" OF THE INTERIOR BENT CAPS TO THE NEXT CLOSEST BENT SUPPORT. CONSTRUCT 35'-0" PORTION OF THE PROPOSED BRIDGE IN ITS PLACE, LEAVING 6' BETWEEN THE EXISTING BRIDGE SUPERSTRUCTURE AND SUBSTRUCTURE.



STAGE 3 CONSTRUCTION

STAGE 3:
 INSTALL ANCHORED PORTABLE CONCRETE BARRIER ON THE NEW STRUCTURE AND SHIFT NORTHBOUND TRAFFIC ONTO THE NEWLY CONSTRUCTED PORTION OF THE PROPOSED BRIDGE. REMOVE THE REMAINING PORTION OF THE EXISTING BRIDGE IN ITS ENTIRETY, INCLUDING SUPERSTRUCTURE AND SUBSTRUCTURES. CONSTRUCT 58'-3" PORTION OF THE PROPOSED BRIDGE.



FINAL BRIDGE SECTION

FINAL:
 REMOVE THE PORTABLE CONCRETE BARRIER (NEW MEDIAN BARRIER INSTALLED IN STAGE 3) AND SHIFT THE NORTHBOUND TRAFFIC TO THE FINAL ALIGNMENT. SHIFT THE SOUTHBOUND TRAFFIC FROM THE TEMPORARY DETOUR ONTO THE WEST SIDE OF THE PROPOSED BRIDGE. REMOVE THE TEMPORARY DETOUR AND TEMPORARY STRUCTURE.

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