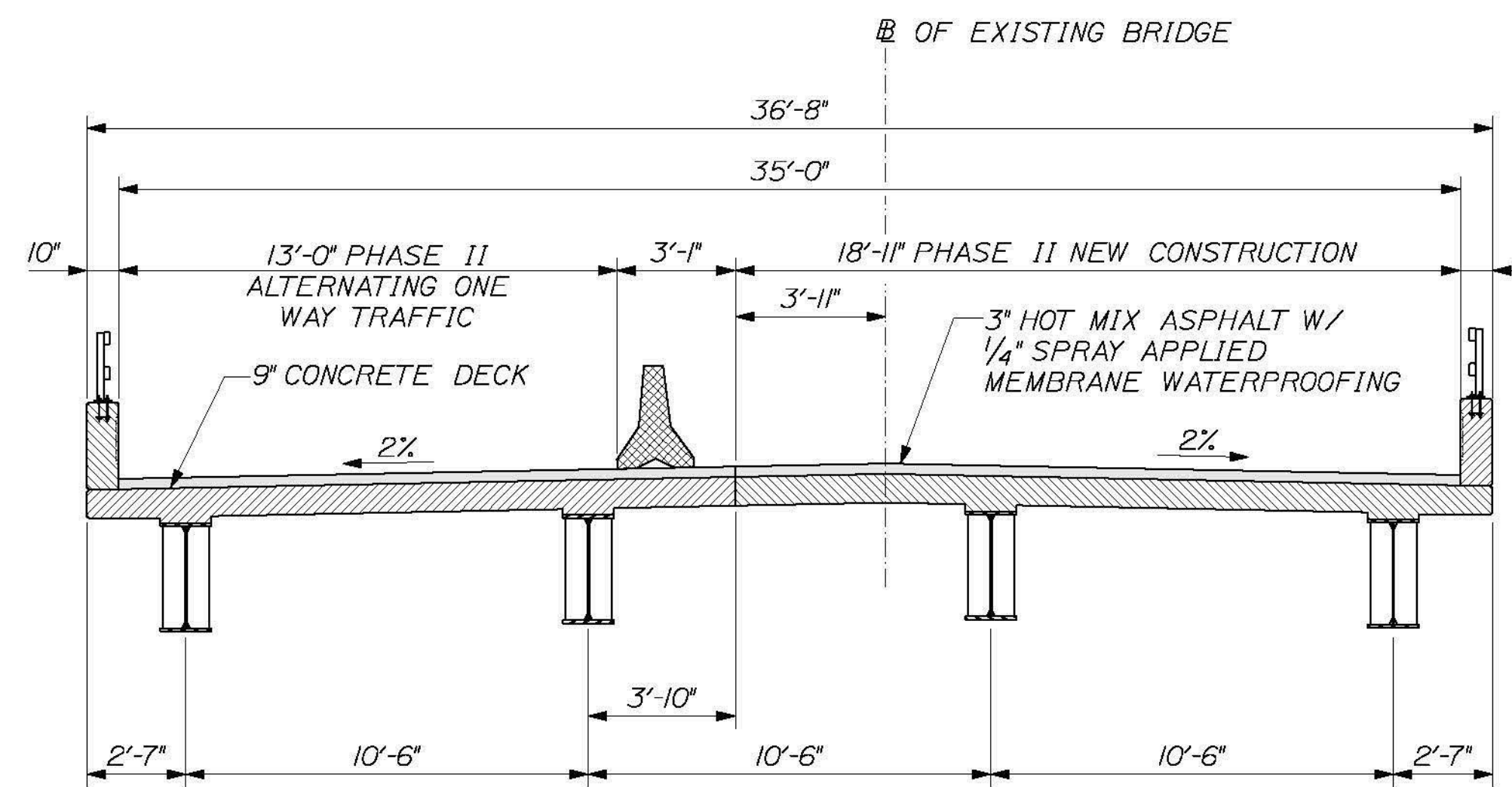
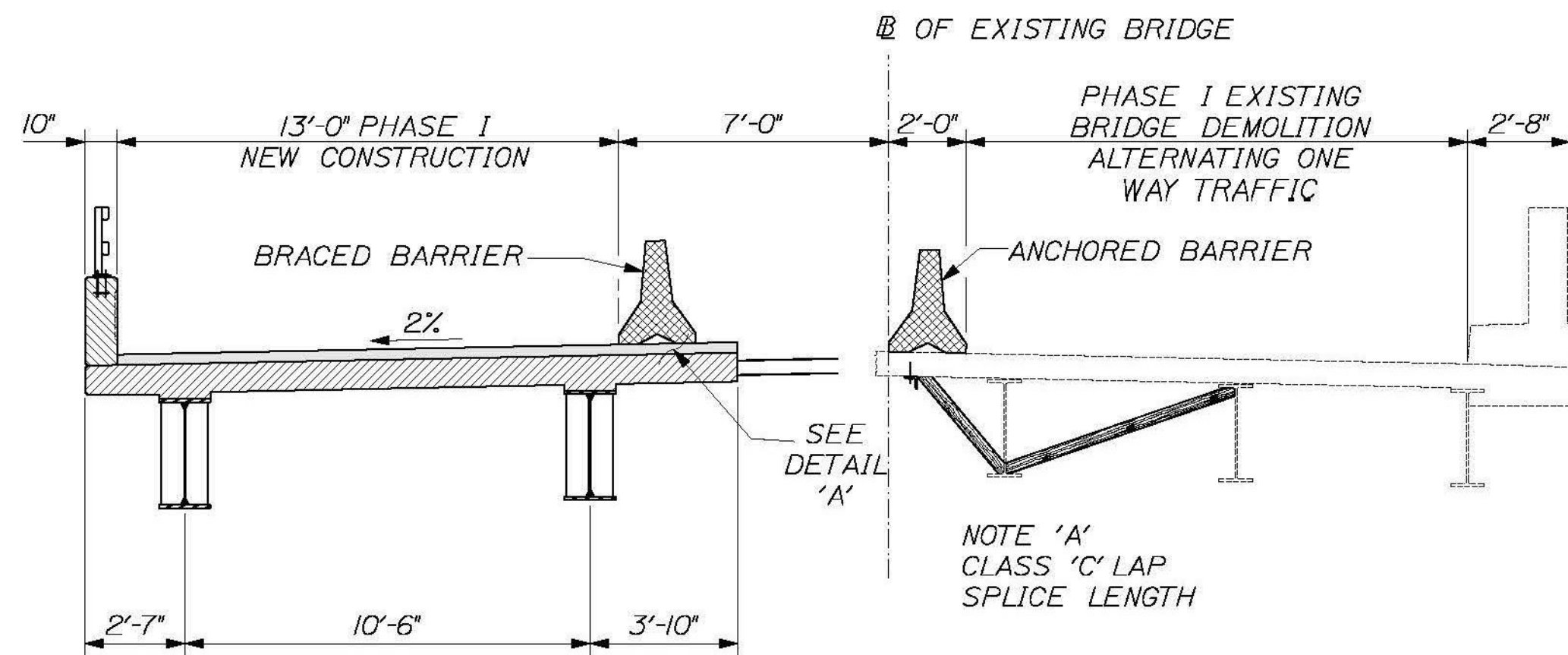


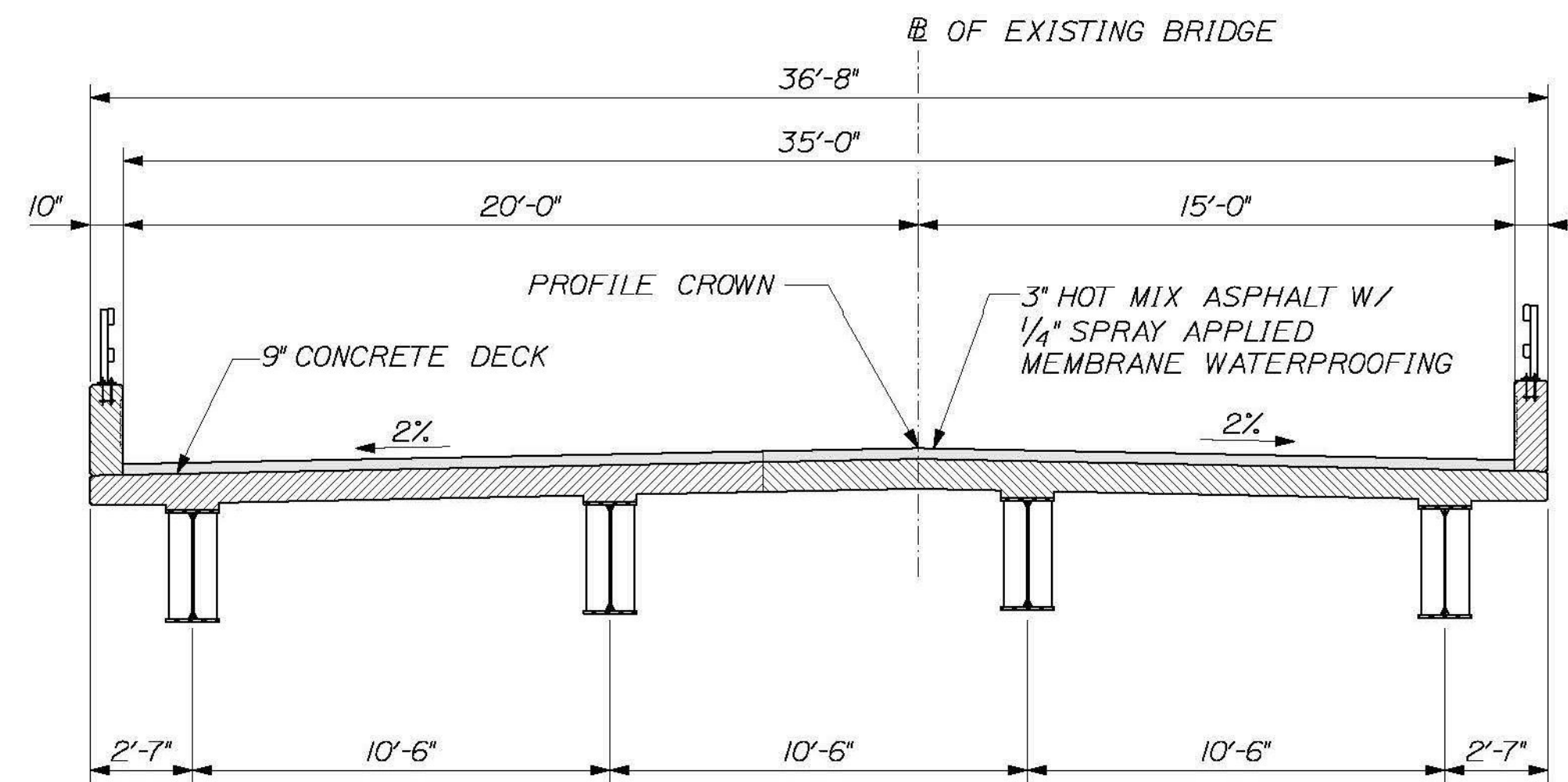
TYPICAL SECTION - EXISTING
1" = 4'-0"



TYPICAL SECTION - CONSTRUCTION PHASE II
1" = 4'-0"



TYPICAL SECTION - CONSTRUCTION PHASE I
1" = 4'-0"



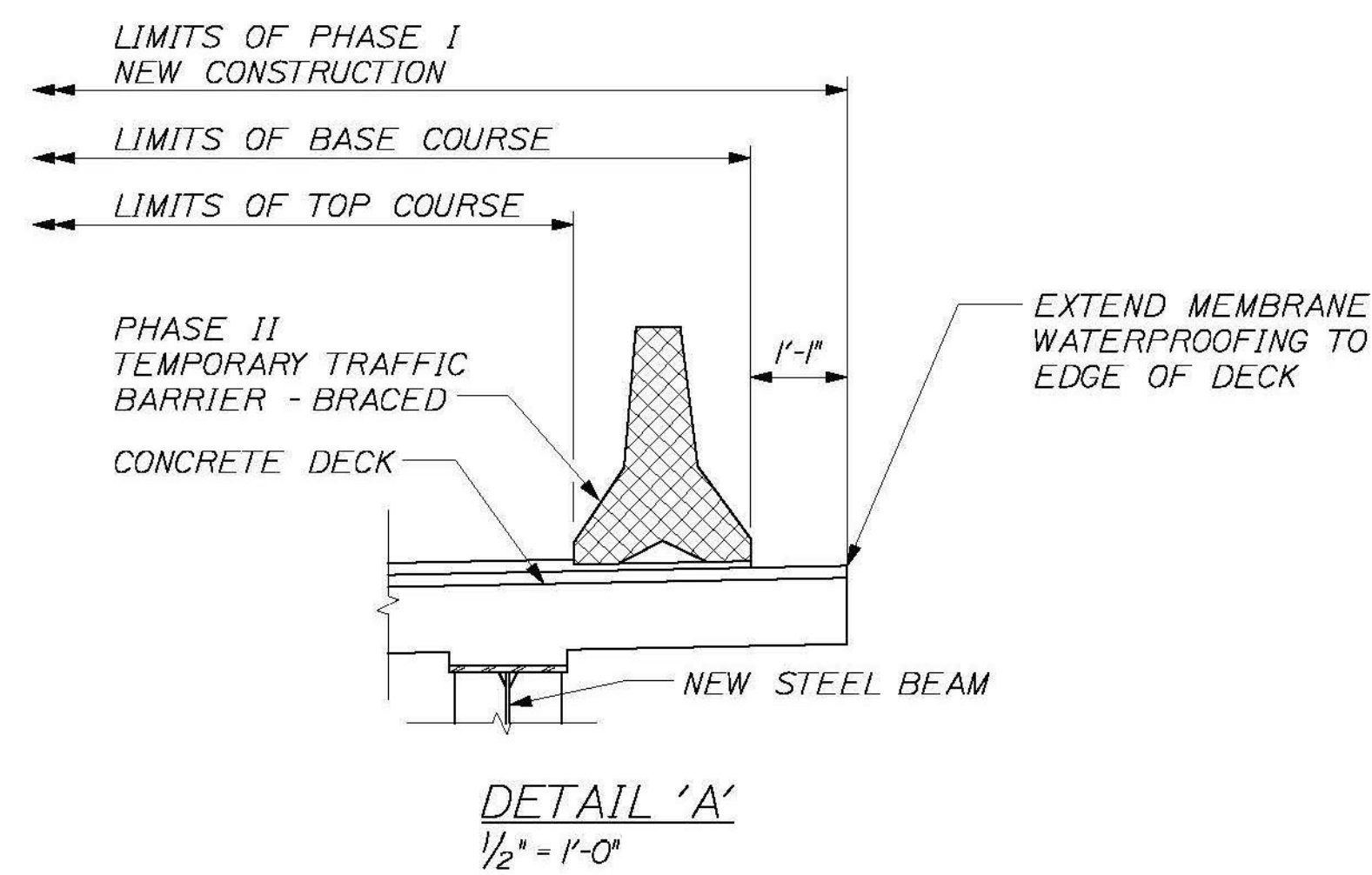
TYPICAL SECTION - FINAL BUILD
1" = 4'-0"

SUGGESTED BRIDGE CONSTRUCTION SEQUENCE NOTES:

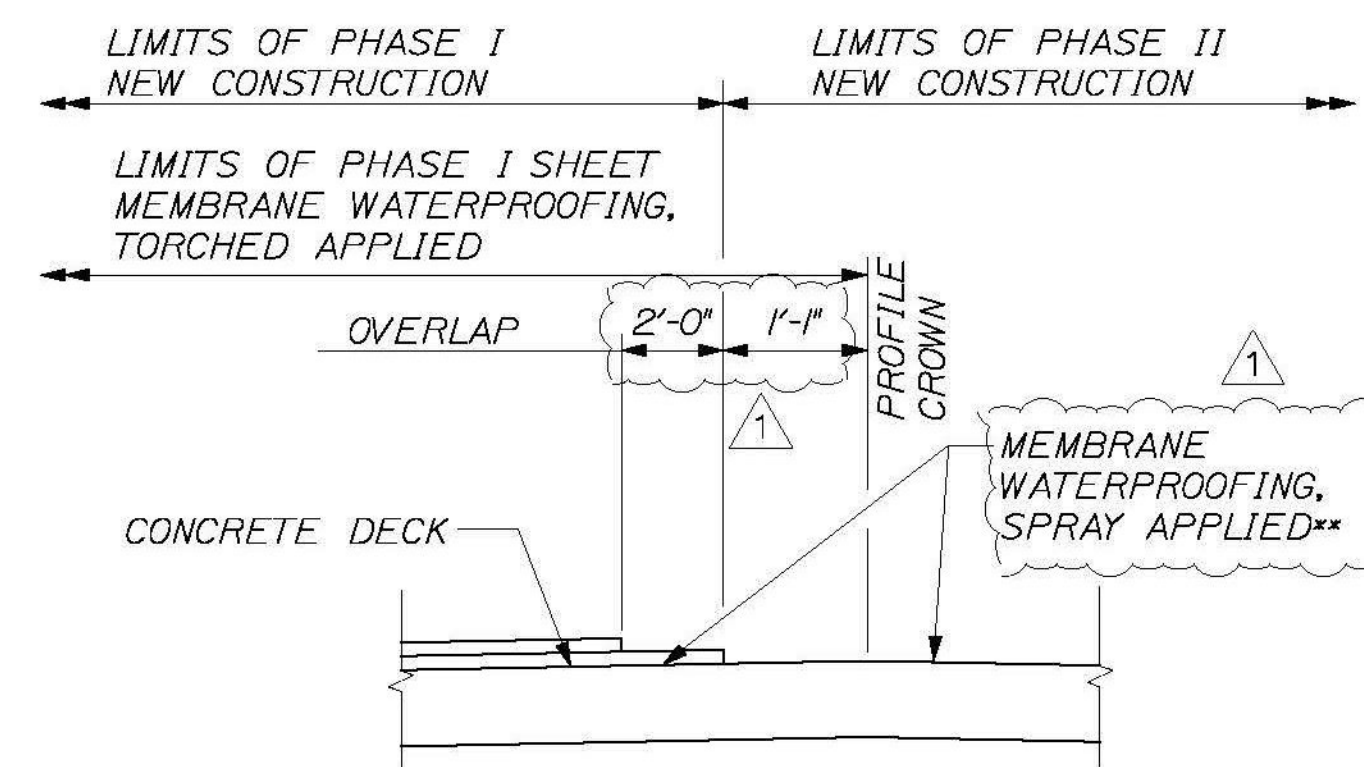
- PHASE 1 - NORTH HALF OF BRIDGE:
1. REMOVE EXISTING BRIDGE SUPERSTRUCTURE AND ABUTMENT BACKWALLS DOWN TO TOP OF EXISTING ABUTMENT BRIDGE SEATS.
 2. INSTALL ABUTMENT PILES AND CONSTRUCT ABUTMENTS UP TO HORIZONTAL JOINT BELOW BEAMS.
 3. CONSTRUCT ABUTMENT AND PIER PEDESTALS.
 4. INSTALL BEARINGS AND NEW STEEL BEAMS.
 5. INSTALL DIAPHRAGMS
 6. PLACE CONCRETE DECK
 7. CONSTRUCT APPROACH SLABS, BRIDGE RAILING, INSTALL SHEET MEMBRANE WATERPROOFING, AND PAVEMENT.

- PHASE 2 - SOUTH HALF OF BRIDGE:
1. REMOVE EXISTING BRIDGE SUPERSTRUCTURE AND ABUTMENT BACKWALLS DOWN TO TOP OF EXISTING ABUTMENT BRIDGE SEATS.
 2. INSTALL ABUTMENT PILES AND CONSTRUCT ABUTMENTS UP TO HORIZONTAL JOINT BELOW BEAMS.
 3. CONSTRUCT ABUTMENT AND PIER PEDESTALS.
 4. INSTALL BEARINGS AND NEW STEEL BEAMS.
 5. INSTALL DIAPHRAGMS
 6. PLACE CONCRETE DECK
 7. CONSTRUCT APPROACH SLABS, BRIDGE RAILING, INSTALL SHEET MEMBRANE WATERPROOFING, AND PAVEMENT.

- NOTES:
- TEMPORARY TRAFFIC BARRIER SHALL MEET THE REQUIREMENTS FOR BRIDGE RAIL PERFORMANCE LEVEL TL3 OF NCHRP 350. TEMPORARY BARRIER CONNECTIONS SHALL BE DEVELOPED BY CONTRACTOR AND SHALL BE SUBMITTED TO VTRANS FOR REVIEW AND APPROVAL. TEMPORARY TRAFFIC BARRIER MAY BE ANCHORED TO EXISTING DECK BUT NOT TO PROPOSED DECK.
- PAYMENT FOR TEMPORARY TRAFFIC BARRIER-BRACED SHALL BE MADE UNDER ITEM 621.90 TEMPORARY TRAFFIC BARRIER.



DETAIL 'A'
1/2" = 1'-0"



MEMBRANE OVERLAP DETAIL
1/2" = 1'-0"

** OVERLAP PHASE I SPRAY APPLIED MEMBRANE MIN. 6" ± WITH PHASE II MEMBRANE

DATE	BY	DESCRIPTION	P.E. NUMBER	DATE:
2014	ETC	DESIGN-DETAILED		
		CHECKED-REVIEWED		
		REVISIONS 1		
		REVISIONS 2		
		REVISIONS 3		
		REVISIONS 4		
		FIELD CHANGES		

DATE	BY	DESCRIPTION	P.E. NUMBER	DATE:
2014	ETC	DESIGN-DETAILED		
		CHECKED-REVIEWED		
		REVISIONS 1		
		REVISIONS 2		
		REVISIONS 3		
		REVISIONS 4		
		FIELD CHANGES		

VE SUPER. DESIGN
ROCKINGHAM VT. BR# 0126 (12)
CONSTRUCTION PHASING

