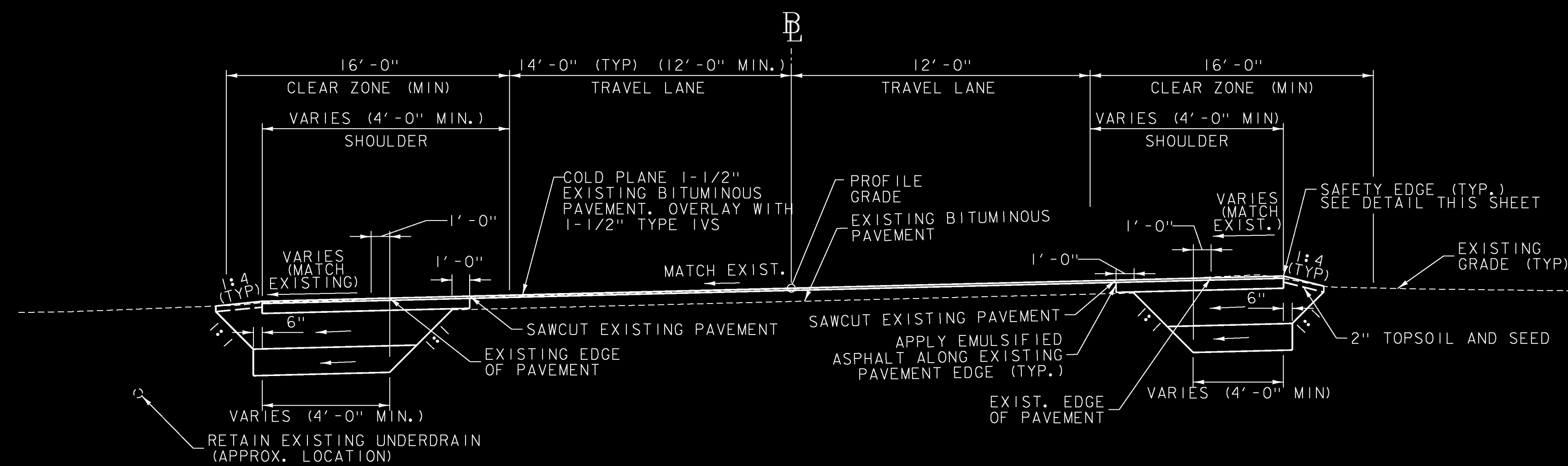


# TYPICAL SECTIONS

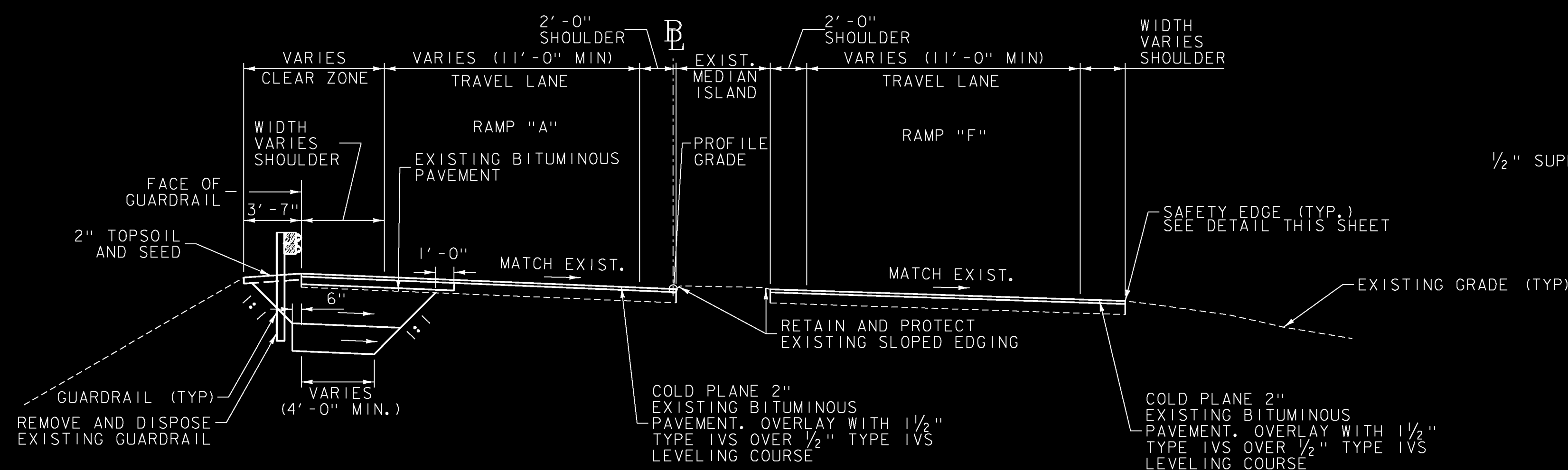
RAMP D:  
 3-1/4" SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (1/2" OVER 1 3/4", TYPE IVS)  
 5" SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (2 1/2" OVER 2 1/2", TYPE IIS)  
 24" SUBBASE OF DENSE GRADED CRUSHED STONE  
 18" SAND BORROW

I-89 RAMP "A"/RAMP "F":  
 2" SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (1/2" OVER 1/2" LEVELING COURSE, TYPE IVS)  
 7" SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (3 1/2" OVER 3 1/2", TYPE IIS)  
 24" SUBBASE OF DENSE GRADED CRUSHED STONE  
 18" SAND BORROW

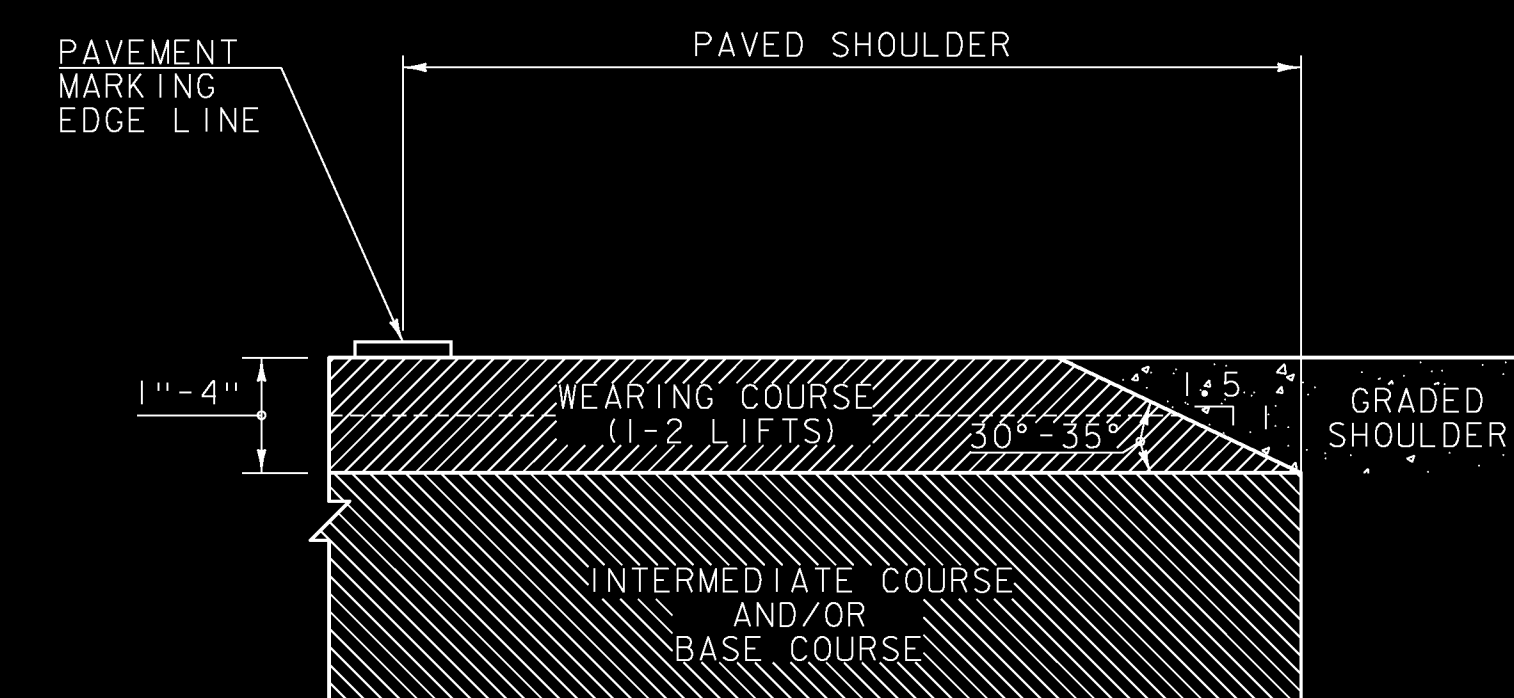
TACK COAT: EMULSIFIED ASPHALT IS TO BE APPLIED AT THE RATE OF 0.025 GAL/SY BETWEEN SUCCESSIVE COURSES OF PAVEMENT AS DIRECTED BY THE ENGINEER.



**COLDPLANE AND OVERLAY SECTION WITH BOX WIDENING  
 I-89 RAMP "D"**  
 NOT TO SCALE

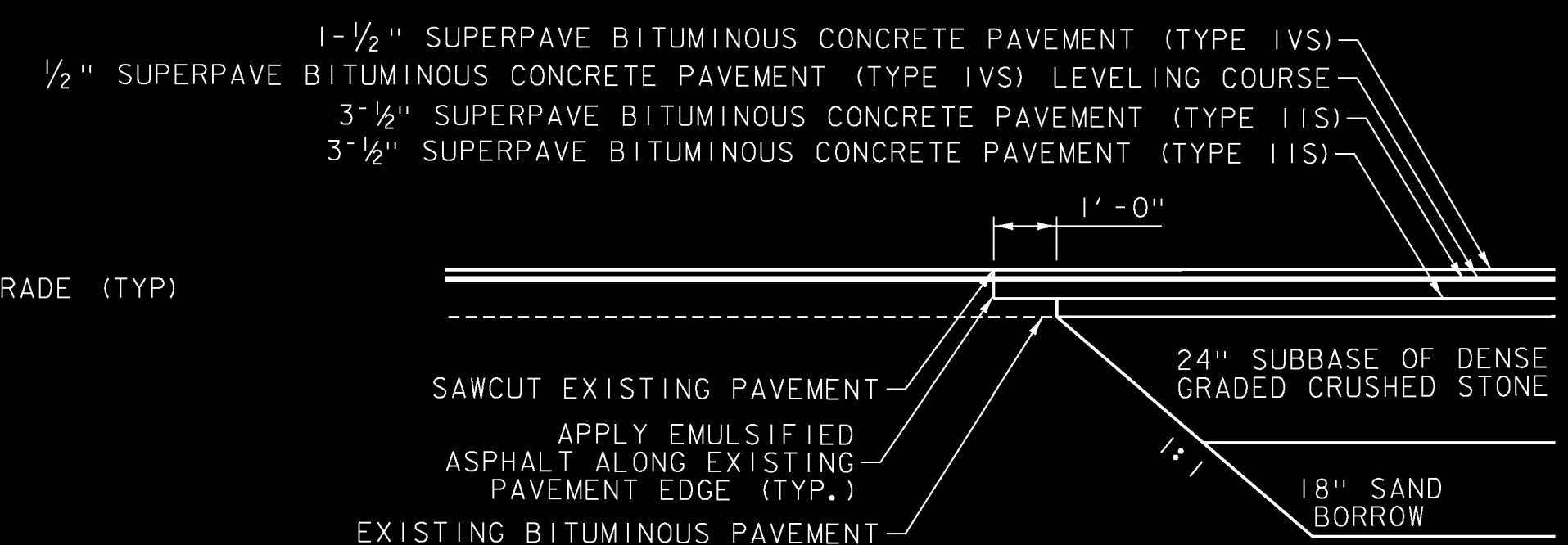


**COLDPLANE AND OVERLAY SECTION I-89 RAMP "A" / RAMP "F"**  
 NOT TO SCALE



**SAFETY EDGE DETAIL**  
 NOT TO SCALE

- NOTE:
1. LEVELING COURSE MAY INCLUDE THE "SAFETY EDGE" AT THE DISCRETION OF THE ENGINEER.
  2. SAFETY EDGE SHALL NOT BE USED ADJACENT TO GUARDRAIL.
  3. THE EDGE OF PAVEMENT SHALL BE FORMED IN SUCH A WAY THAT THE BITUMINOUS CONCRETE PAVEMENT IS EXTRUDED OR COMPRESSED TO FORM THE 30 TO 35 DEGREE ANGLE. DEVICES THAT SIMPLY STRIKE-OFF THE MIX WITHOUT PROVIDING ANY COMPACTIVE EFFORT WILL NOT BE ALLOWED.



**BOX WIDENING SECTION TRANSITION DETAIL**  
 NOT TO SCALE

PROJECT NAME:	RICHMOND
PROJECT NUMBER:	STP 0284 (17)
FILE NAME:	z97cl86typ.dgn
PROJECT LEADER:	ERIK ATKINS
DESIGNED BY:	T. BIGELOW
MISCELLANEOUS TYPICAL SECTIONS	
PLOT DATE:	4/29/2013
DRAWN BY:	S. FORTIER
CHECKED BY:	E. ATKINS
SHEET	36 OF 133