

# TYPICAL SECTIONS



115 BITUMINOUS CONCRETE PAVEMENT (50 TYPE III OVER 65 TYPE II)  
 80 BASE COURSE OF BITUMINOUS CONCRETE PAVEMENT (TYPE I, ONE LIFT) TYPE II  
 SUBBASE OF CRUSHED GRAVEL (COARSE GRADED) - MODIFIED (DEPTH VARIES - SEE TRANSITION DETAILS, SHEETS 78 & 84)

MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT (TOTAL DEPTH)	+/- 5
SUBBASE	+/- 30

## NOTES

- THE PAVEMENT WEARING COURSE SHALL BE TYPE III, BITUMINOUS CONCRETE PAVEMENT. ASPHALT CEMENT USED IN THE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-28.
- COLD PLANING TO BE COMPLETED ACCORDING TO TYPICAL OR AS NOTED OTHERWISE ON THE PLANS. ALL COLD PLANED AREAS SHALL BE TACKED WITH EMULSIFIED ASPHALT.
- EMULSIFIED ASPHALT TO BE APPLIED ON EXISTING PAVEMENT, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED AREAS AT THE RATE OF 0.07 L/m<sup>2</sup> OR AS DIRECTED BY THE ENGINEER.
- CLEANING OF PIPE INLET AND OUTLET AREAS, AND DITCH CLEANING THROUGHOUT THE PROJECT SHALL BE PERFORMED AT LOCATIONS AS INDICATED ON PLANS, OR AS DIRECTED BY THE ENGINEER. PAYMENT SHALL BE MADE UNDER APPLICABLE RENTAL ITEMS.
- SLOPE ROUNDING - ALL CUT SLOPE ROUNDINGS TO BE ROUNDED IN ACCORDANCE WITH STANDARD SHEET B-5M.
- MILEMARKERS DISTURBED BY CONSTRUCTION SHALL BE RESET AT THE DIRECTION OF THE ENGINEER WITH PAYMENT TO BE SUBSIDIARY TO OTHER ITEMS OF WORK.
- SEED: 90 KG/Ha  
 TO BE APPLIED PER SEEDING MIXTURES OR AS DIRECTED BY THE ENGINEER.  
 FERTILIZER:  
 FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 560 kg/ha. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA)  
 AGRICULTURAL LIMESTONE:  
 TO BE APPLIED AT THE RATE OF 4500kg/ha, OR AS DIRECTED BY THE ENGINEER.  
 HAY MULCH:  
 TO BE PLACED ON EARTH SLOPES AT THE RATE OF 4500kg/ha, OR AS DIRECTED BY THE ENGINEER.  
 TOPSOIL:  
 TO BE USED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

RURAL AREAS - SEED MIXTURE				
% WT	kg/ha	NAME	PUR %	GERM %
37.1	26.0	CREeping RED FESCUE	98	85
37.1	26.0	TALL FESCUE	95	90
5.7	4.0	RED TOP	95	90
14.4	10.0	BIRDSFOOT TREFOIL	98	85
5.7	4.0	ANNUAL RYE GRASS	95	85
100.0	70.0			

URBAN AREAS (LAWNS) - SEED MIXTURE				
% WT	kg/ha	NAME	PUR %	GERM %
42.5	38.0	CREeping RED FESCUE	98	85
10.0	9.0	PERENNIAL RYE GRASS	95	90
42.5	38.0	KENTUCKY BLUE GRASS	85	85
5.0	5.0	ANNUAL RYE GRASS	95	85
100.0	90.0			

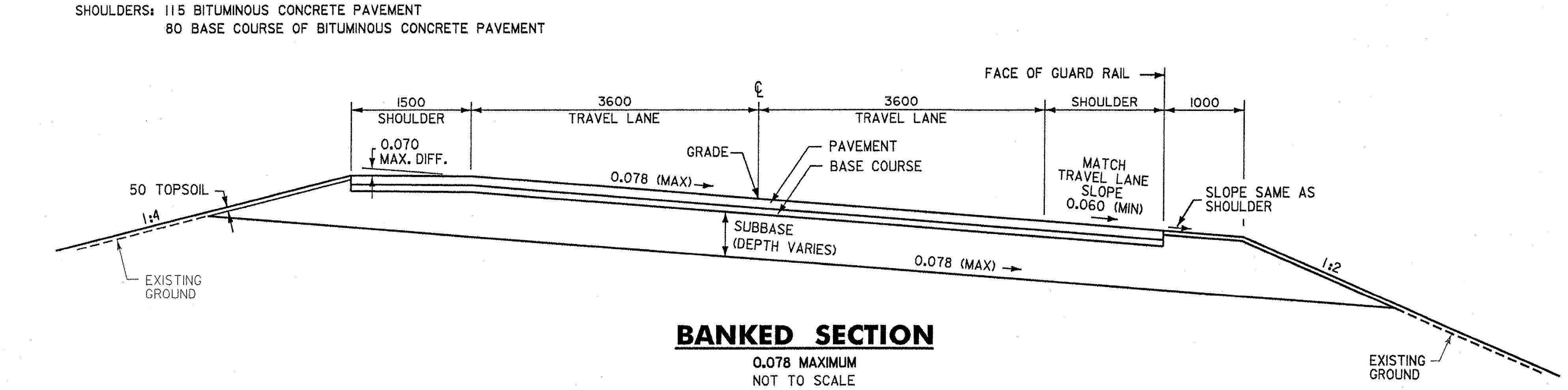
SEED MIXTURE:  
 SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.

8. MARKER POSTS:  
 TO BE PLACED AS INDICATED OR AS DIRECTED BY THE ENGINEER.

NOTE: ALL DIMENSIONS ON THIS SHEET IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED

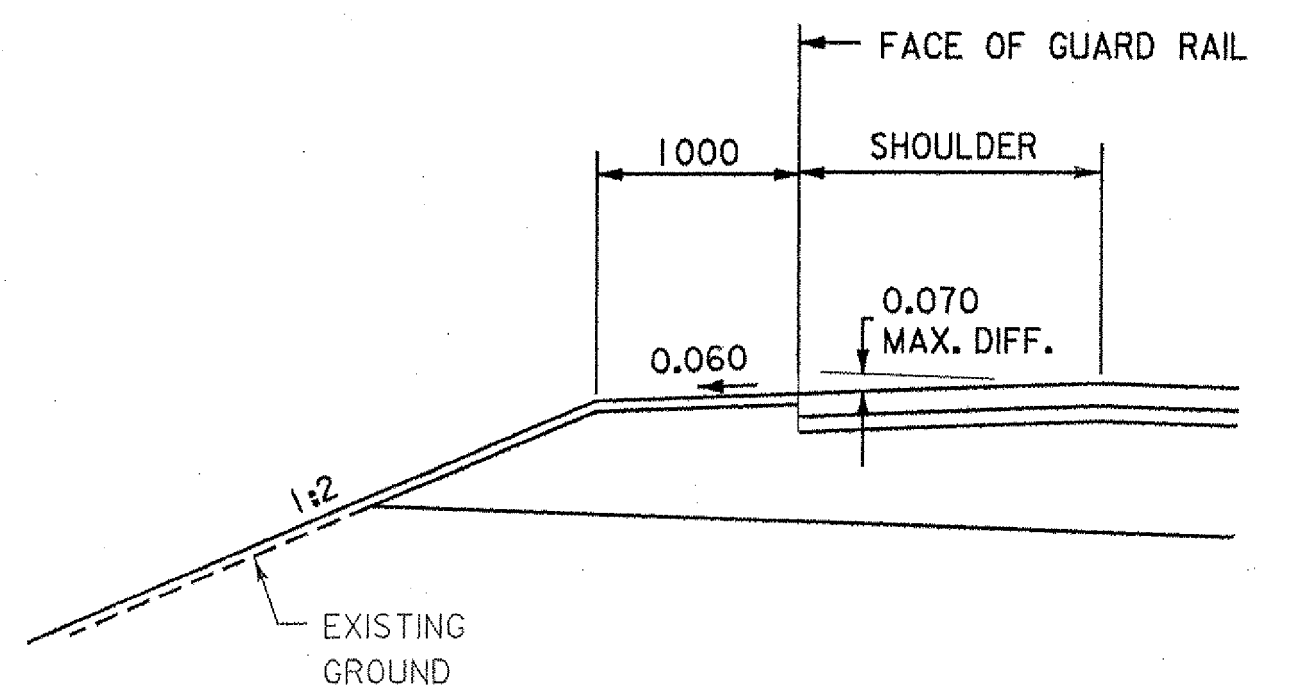
**STATE OF VERMONT  
 AGENCY OF TRANSPORTATION**

Town Of	HARTLAND	Bridge No.	60
Highway No.	U.S. ROUTE 5	Log Sta.	
		Surv. Sta.	
U.S. ROUTE 5 OVER LULLS BROOK			
<b>TYPICAL SECTIONS</b>			
Designed By	S.E. COSILMON	Drawn By	R. REMY / G.F. O'NEIL
Checked By	J.R. McDUFFEE	Date	2/04
		Bridge Design Supervisor	J. MIECZKOWSKI Date 2/04
PROJECT	HARTLAND	PROJECT NO.	BRS No. 0113(22)
I.G.C. Info. M:\456201\VA0T Hartland\zf204frm.dgn			
Bridge Sheet No.		Sheet	2 of 86



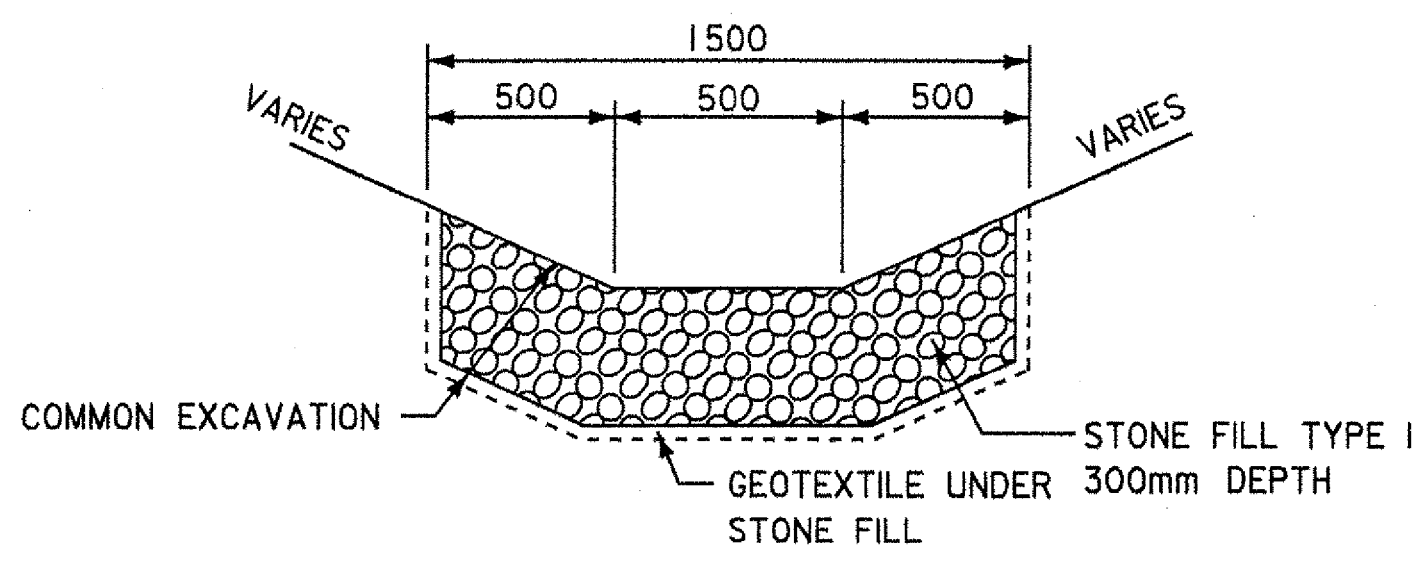
### BANKED SECTION

0.078 MAXIMUM  
 NOT TO SCALE



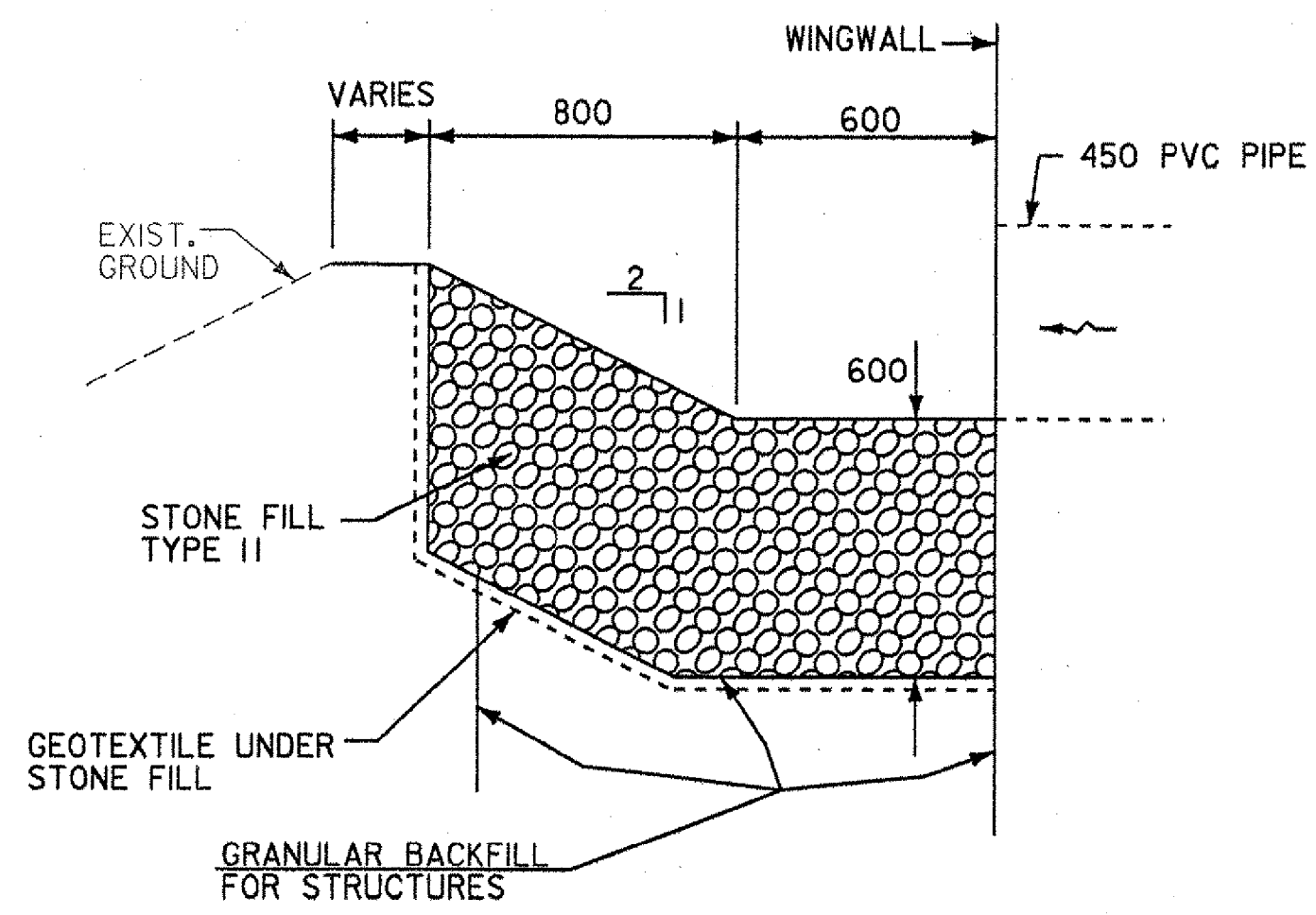
### DETAIL OF GUARD RAIL ON HIGH SIDE OF BANKED SECTION

NOT TO SCALE



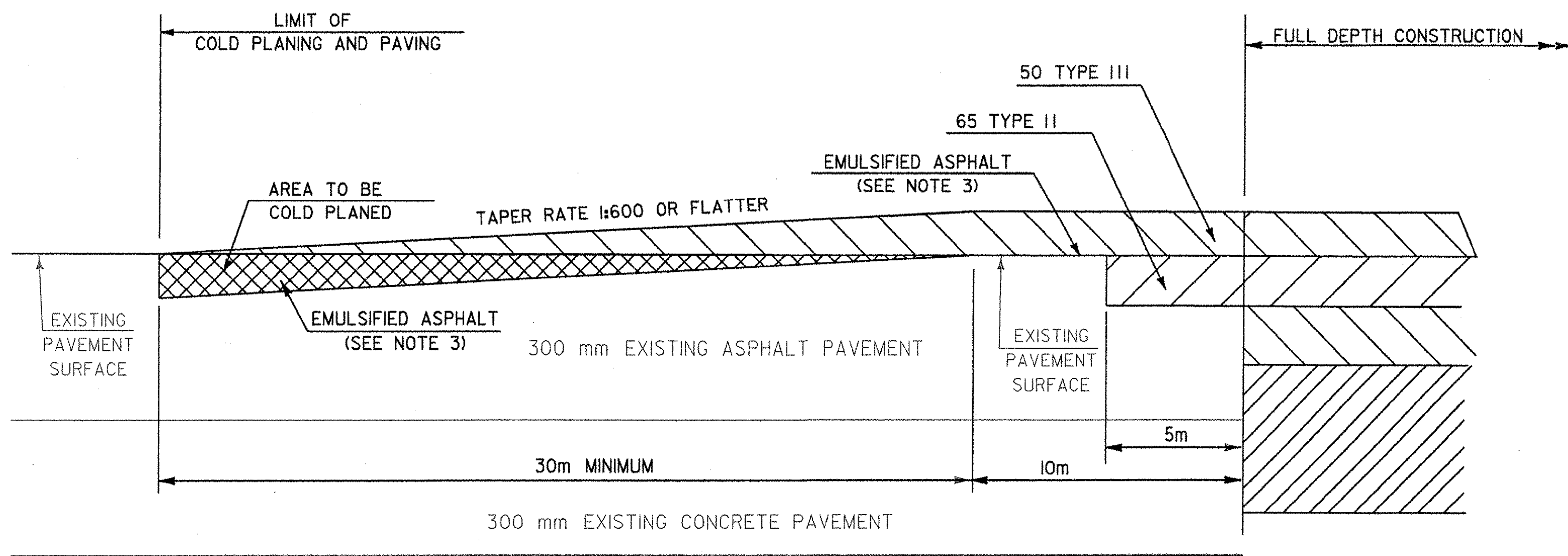
### STONE FILLED DITCH DETAIL I

NOT TO SCALE



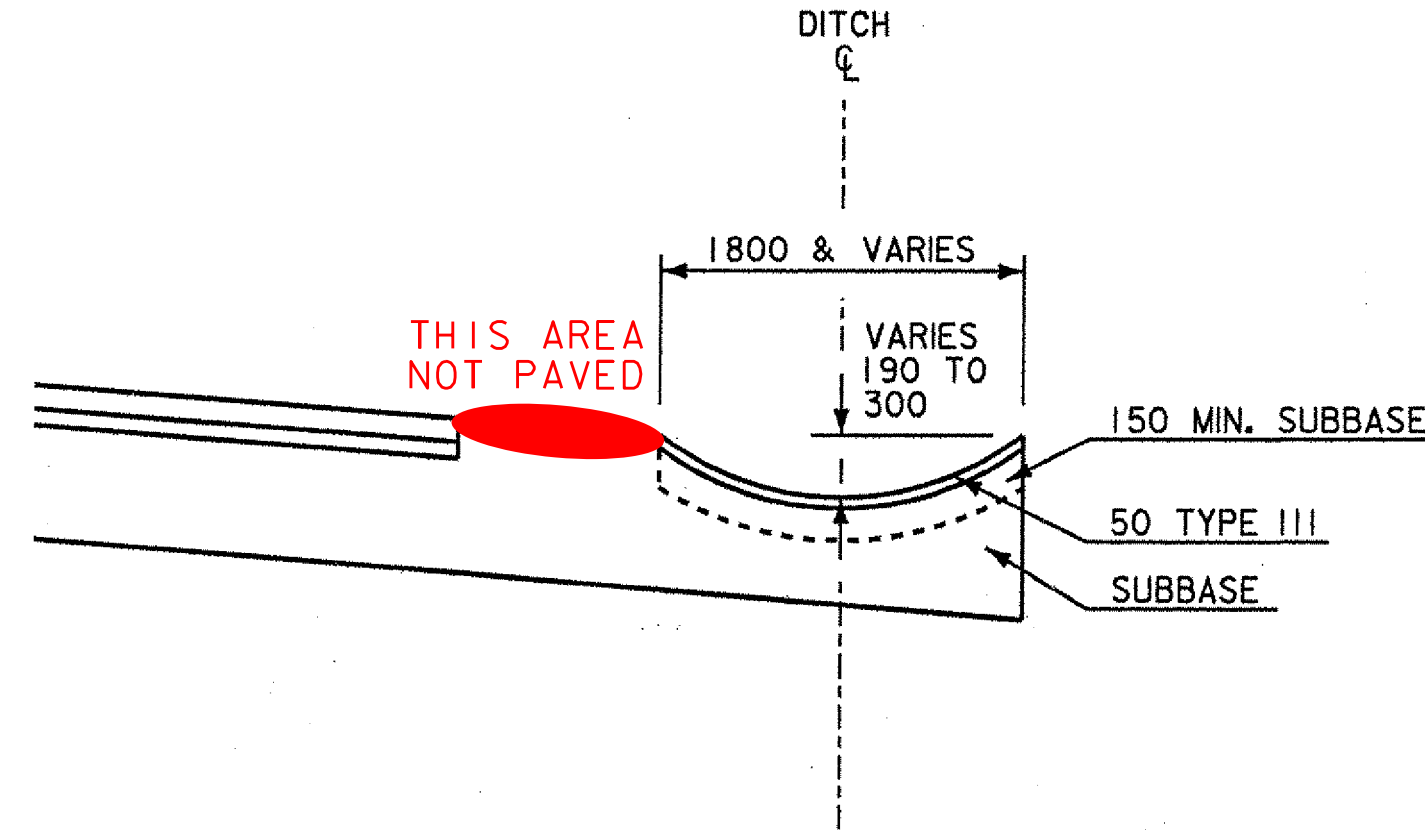
### STONE FILLED DITCH DETAIL II

NOT TO SCALE



### COLD PLANE DETAIL

STA. 3+000 TO 3+030  
 NOT TO SCALE



### PAVED GUTTER DETAIL

NOT TO SCALE