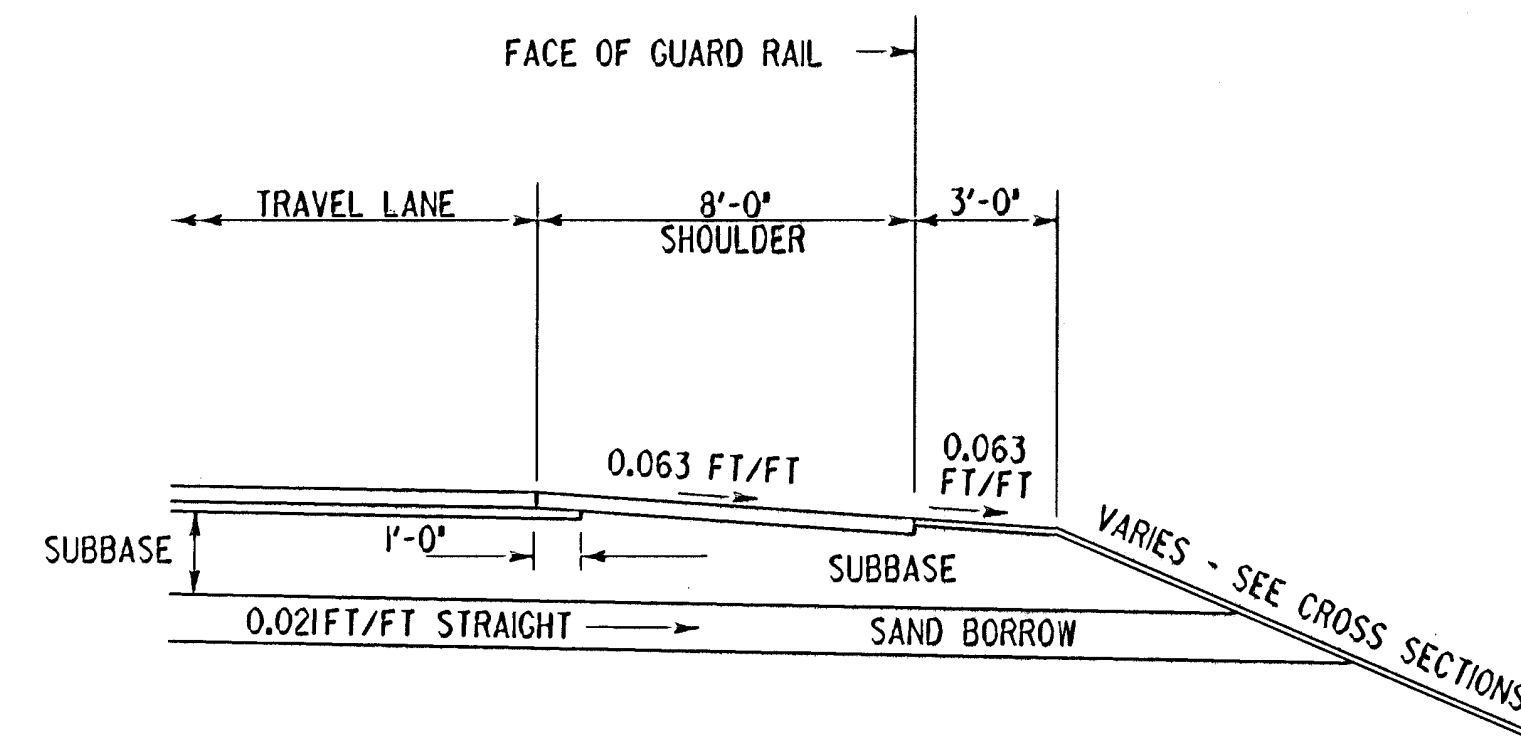
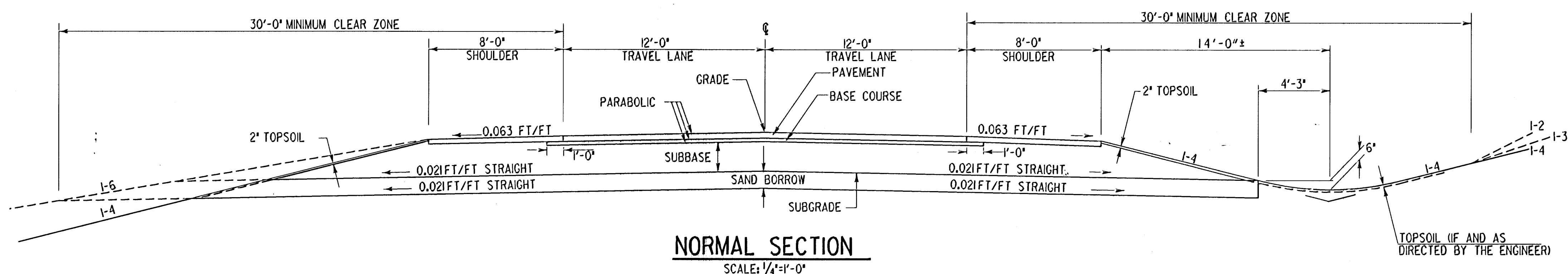


## TYPICAL SECTIONS U.S. ROUTE 5

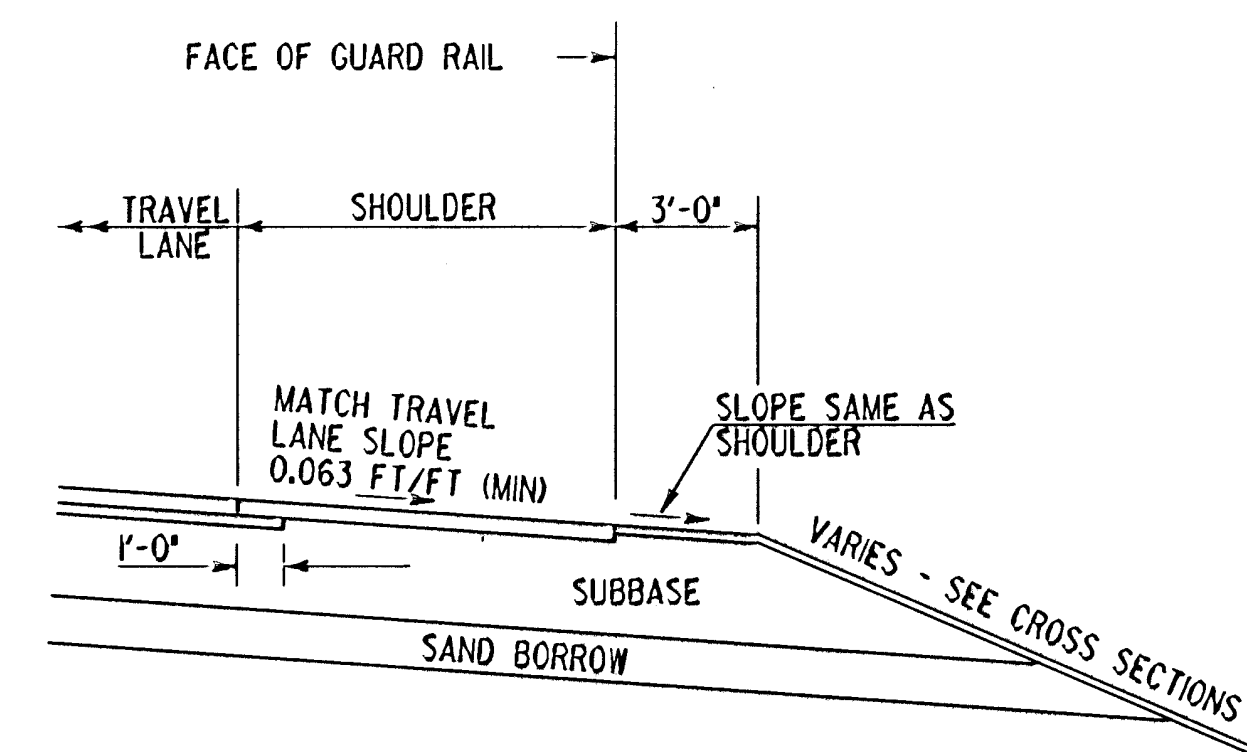
MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT (TOTAL DEPTH)	± 1/4"
SUBBASE	± 1"
SAND BORROW	± 1"

3 1/2" BITUMINOUS CONCRETE PAVEMENT (1 1/2" TYPE III OVER 2" TYPE II)  
3" BASE COURSE OF BITUMINOUS CONCRETE PAVEMENT (TYPE I, ONE LIFT)  
2" SUBBASE OF CRUSHED GRAVEL (COARSE GRADED) - MODIFIED  
12" SAND BORROW

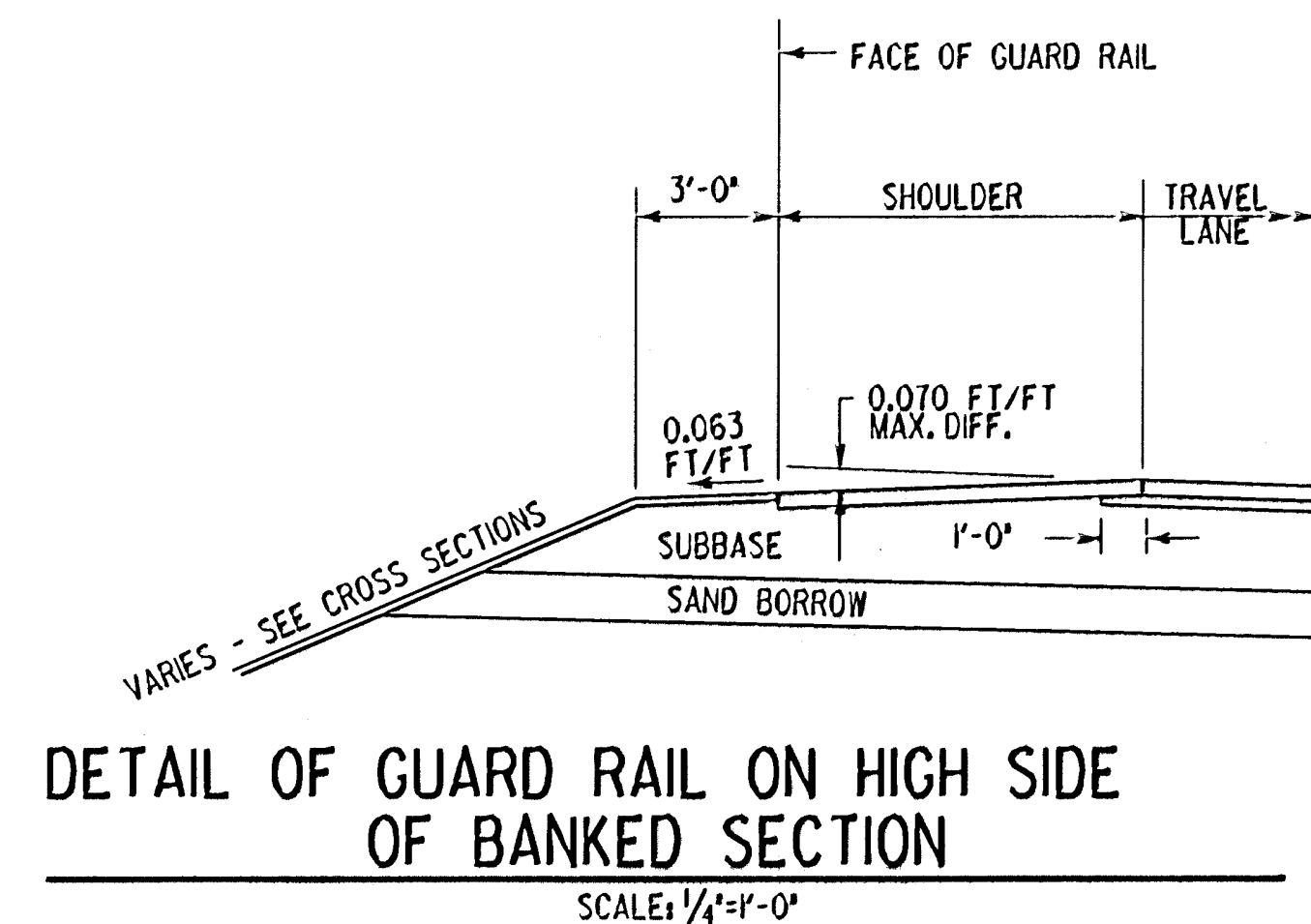
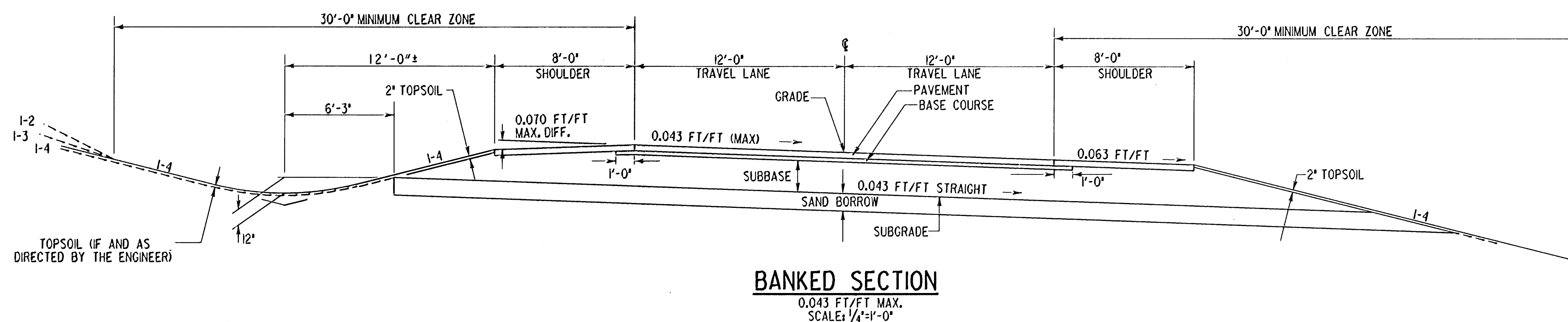
SHOULDERS: 3 1/2" BITUMINOUS CONCRETE PAVEMENT



**NORMAL SECTION WITH GUARD RAIL**  
SCALE: 1/4"=1'-0"



**DETAIL OF GUARD RAIL ON LOW SIDE OF BANKED SECTION**  
SCALE: 1/4"=1'-0"



**DETAIL OF GUARD RAIL ON HIGH SIDE OF BANKED SECTION**  
SCALE: 1/4"=1'-0"

### SEEDING, ITEM 651.15

RURAL AREAS					URBAN AREAS (LAWNS)				
% WT.	LBS./A	NAME	PUR. %	GERM %	% WT.	LBS./A	NAME	PUR. %	GERM %
37.5	22.5	CREeping RED FESCUE	98	85	42.5	34.0	CREeping RED FESCUE	98	85
37.5	22.5	TALL FESCUE	95	90	10.0	8.0	PERENNIAL RYEGRASS	95	90
5.0	3.0	RED TOP	95	90	42.5	34.0	KENTUCKY BLUEGRASS	85	85
15.0	9.0	BIRDSFOOT TREFLOIL	98	85	5.0	4.0	ANNUAL RYEGRASS	95	85
5.0	3.0	ANNUAL RYEGRASS	95	85					
100.0	60.0				100.0	80.0			

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

### GENERAL NOTES

- SEED - TO BE APPLIED PER SEEDING FORMULAS AS DIRECTED BY THE ENGINEER.
- FERTILIZER - FORMULA 10-20-10 TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA)
- AGRICULTURAL LIMESTONE - TO BE APPLIED AT A RATE OF 2 TONS/ACRE OR AS DIRECTED BY THE ENGINEER.
- HAY MULCH - TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE OR AS DIRECTED BY THE ENGINEER.
- TOPSOIL - TO BE USED WITH SEED, AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.
- MARKER POSTS - TO BE PLACED AS DIRECTED BY THE ENGINEER.
- SLOPE ROUNDING - ALL CUT SLOPES TO BE ROUNDED IN ACCORDANCE WITH STANDARD SHEET B-5.
- PAY LIMITS OF SAND BORROW WHEN USED IN CONJUNCTION WITH UNDERDRAIN - SEE STANDARD SHEET D-2
- MILEMARKERS DISTURBED BY CONSTRUCTION SHALL BE RESET BY THE CONTRACTOR AT THE DIRECTION OF THE ENGINEER WITH PAYMENT TO BE SUBSIDIARY TO OTHER ITEMS OF WORK.
- TACK COAT: EMULSIFIED ASPHALT IS TO BE APPLIED AT THE RATE OF 0.05 GAL/SY BETWEEN SUCCESSIVE COURSES OF PAVEMENT AS DIRECTED BY THE ENGINEER.

### STATE OF VERMONT AGENCY OF TRANSPORTATION

Town Of	SPRINGFIELD	Bridge No.	44
Highway No.	U.S. ROUTE 5	Log Sta.	
		Surv. Sta.	
U.S. ROUTE 5 OVER BLACK RIVER			
TYPICAL SECTIONS			
Designed By	JRM	Drawn By	RR/CJM
Checked By	RAL	Date	3/95
		Bridge Design Supervisor	P. PIERCE
PROJECT	SPRINGFIELD	PROJECT NO.	BRS-RS 0113 (8)
I.G.C. Info.	/usr5/1945622/typical.dgn		
Bridge Sheet No.	2	Sheet	2 of 90