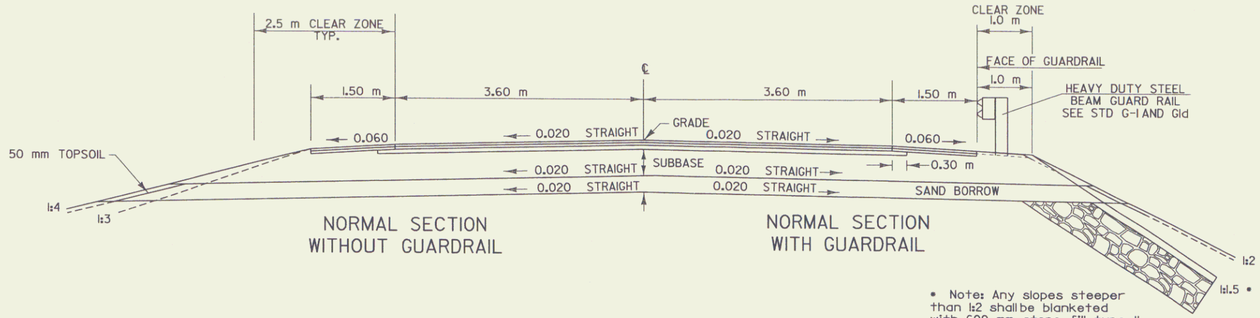
TYPICAL SECTIONS

	45 mm	BITUMINOUS CONCRETE PAVEMENT TYPE III
	70 mm	BITUMINOUS CONCRETE PAVEMENT TYPE II
	90 mm	BITUMINOUS CONCRETE PAVEMENT TYPE I
	530 mm	SUBBASE OF DENSE GRADED CRUSHED STONE
	380 mm	SAND BORROW
SHOULDERS:	115 mm	BITUMINOUS CONCRETE PAVEMENT (45mm TYPE III OVER 70mm TYPE II)
WARD HILL ROAD:	115 mm	BITUMINOUS CONCRETE PAVEMENT

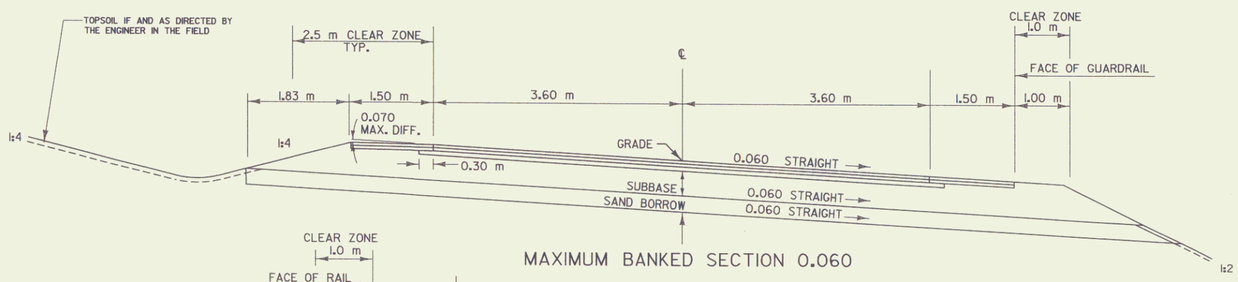
MATERIAL ITEM	TOLERANCE
PAVEMENT	±5 mm TOTAL THICKNESS
SUBBASE	±30 mm
SAND BORROW	±30 mm



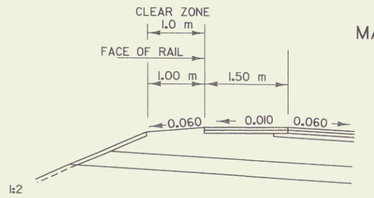
NORMAL SECTION WITHOUT GUARDRAIL

NORMAL SECTION WITH GUARDRAIL

* Note: Any slopes steeper than 1:2 shall be blanketed with 600 mm stone fill, type II. The stone slope shall be covered with 300 mm of suitable excavated earth, seeded, fertilized, and mulched as directed by the resident engineer.



MAXIMUM BANKED SECTION 0.060



HIGH SIDE OF MAX. BANK WITH GUARDRAIL

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (1992)

NOT TO SCALE

SEEDING FORMULA RURAL AREAS

% WT.	kg/ha	NAME	PUR %	GERM %
37.5	26.0	CREEPING RED FESCUE	98	85
37.5	26.0	TALL FESCUE	95	90
5.0	4.0	RED TOP	95	90
15.0	10.0	BIRDSFOOT TREFOIL	98	85
5.0	4.0	ANNUAL RYE GRASS	95	85
100.0	70.0			

GENERAL NOTES

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

SEED: TO BE APPLIED PER SEEDING FORMULAS 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 4500 kg/ha, OR AS DIRECTED BY THE ENGINEER.

HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 4500 kg/ha, OR AS DIRECTED BY THE ENGINEER.

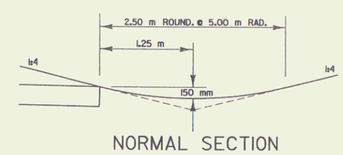
TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

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

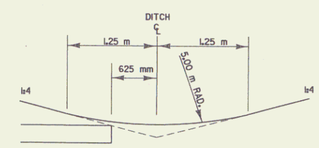
SLOPE ROUNDING: ALL CUT SLOPES TO BE ROUNDED IN ACCORDANCE WITH STANDARD SHEET B-5.

PAY LIMITS OF SAND BORROW: WHEN USED IN CONJUCTION WITH UNDERDRAIN - SEE STANDARD SHEET D-2.

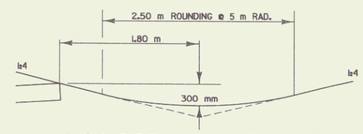
TACK COAT: EMULSIFIED ASPHALT IS TO BE APPLIED AT THE RATE OF 0.07 L/m2 BETWEEN SUCCESSIVE COURSES OF PAVEMENT AS DIRECTED BY THE ENGINEER.



NORMAL SECTION



DETAILS OF DITCH AND BACKSLOPE FOR LOW SIDE OF BANK ≥ 0.042



HIGH SIDE @ MAX. BANKING

ROADWAY TYPICAL SHEET

PROJECT: DUXBURY	PROJECT NO.: STP 013-4(24)
DESIGN FILE NAME: /str5/86e059/se059typ.dgn	
IPARM FILE NAME: se059typ.i	PLOT DATE: 15-JUL-2003
SURVEYED BY: L. ORVIS	SURVEY DATE: 5/9/97
SQUAD LEADER: C. KELLER	DRAWN BY: Graw
R.O.W. SHEET 2 OF 13 SHEETS	