

**SEEDING FORMULA
RURAL AREAS**

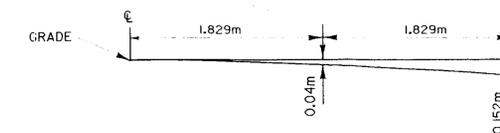
% WT.	kg/ha	NAME	PUR %	GERM %
37.5	26.0	CREeping RED FESCUE	98	85
37.5	26.0	TALL FESCUE	95	90
5.0	4.0	RED TOP	95	90
15.0	10.0	BIRDSFOOT TREFOIL	98	85
5.0	4.0	ANNUAL RYE GRASS	95	85
100.0	70.0			

GENERAL NOTES

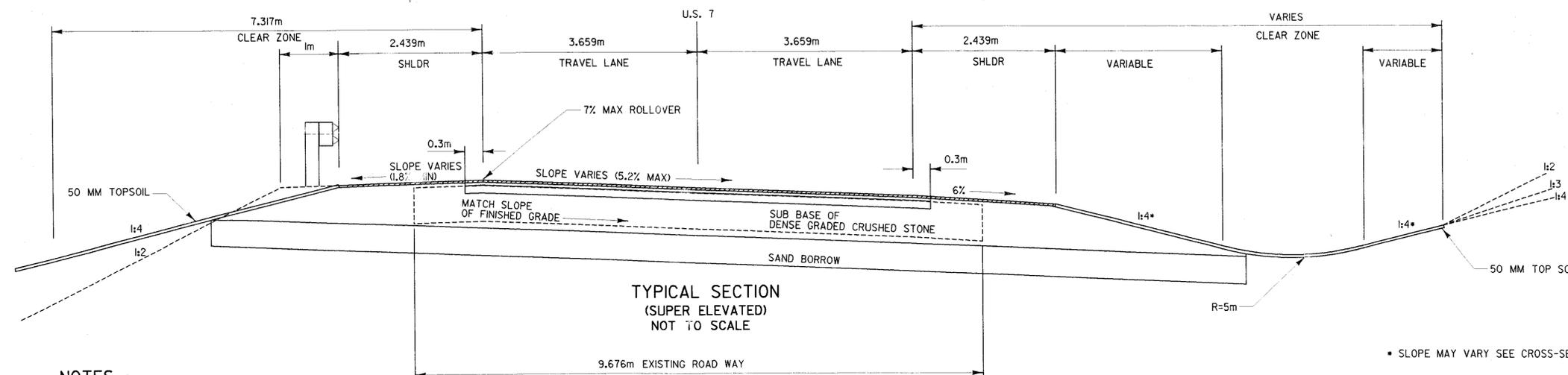
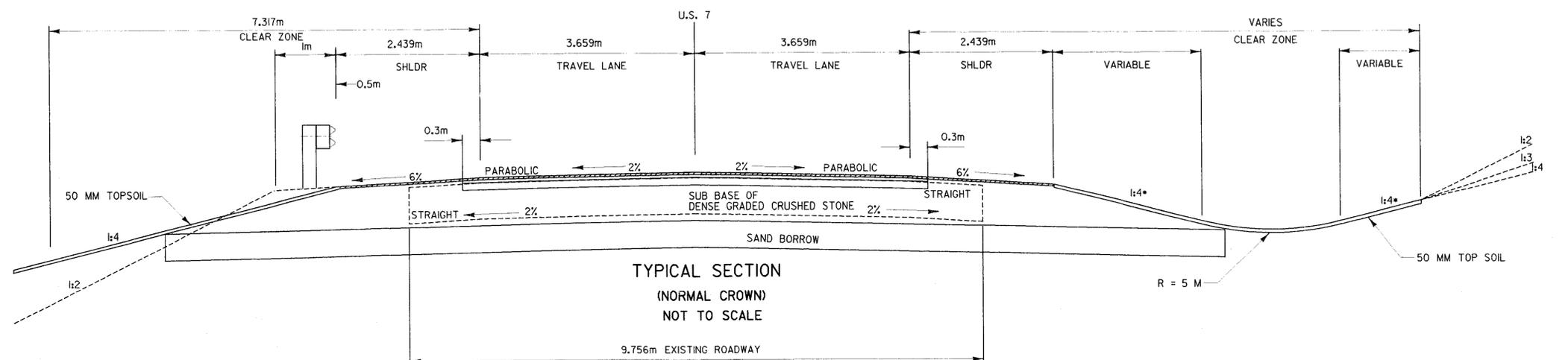
- SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
- SEED: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE ENGINEER.
- FERTILIZER: FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 560 kg/ha. (HYDRO SEEDERS MAY USE 19-19-19 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.

U.S. ROUTE 7 FULL DEPTH RECONSTRUCTION & WIDENING TO 2.44-3.66-3.66-2.44

- 35 MM BITUMINOUS PAVEMENT CONCRETE PAVEMENT (TYPE I)
- 50 MM BITUMINOUS PAVEMENT CONCRETE PAVEMENT (TYPE II)
- 130 MM BITUMINOUS PAVEMENT CONCRETE PAVEMENT (TYPE III)
- 600 MM SUBBASE OF DENSE GRADED CRUSHED STONE
- 450 MM SAND BORROW



**PARABOLIC DETAIL
(NOT TO SCALE)**
NOTE: SUBGRADE SLOPES AT 2.0% BELOW ALL MODIFIED PARABOLICS



NOTES :

1. THICKNESS OF ALL COURSES SHOWN ON THE DRAWING ARE COMPACTED THICKNESS.
2. ALL MATERIALS SHALL CONFORM TO VAOT STANDARD SPECIFICATIONS.
3. THE EXISTING ROADWAY CONSISTS ON CONCRETE SLABS THAT HAVE BEEN OVERLAYS WITH BITUMINOUS ASPHALT.
4. THE EXISTING ROADWAY SHALL BE EXCAVATED TO A DEPTH OF 1265 ± OR AS DIRECTED BY THE ENGINEER. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT, AS DIRECTED BY THE ENGINEER.
5. COLD PLANNING TO BE COMPLETED ACCORDING TO TYPICAL OR AS NOTED OTHERWISE ON THE PLANS. ALL COLD PLANNED AREAS SHALL BE TACKED WITH EMULSIFIED ASPHALT AS DIRECTED BY THE ENGINEER.
6. 0.9m OF BACKING IS REQUIRED BEHIND THE FACE OF GUARD RAIL WITH 1.8 METER POST. IF THIS CAN NOT BE OBTAINED THEN 3.6m POSTS WILL BE USED.
7. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING SURFACES, ON ALL COLD PLANNED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF .068 L/SM. OR AS DIRECTED BY THE ENGINEER.

MATERIAL	THICKNESS TOLERANCE
PAVEMENT (TOTAL DEPTH)	5 MM
SUB BASE	30 MM
SAND	30 MM

DATUM

VERTICAL	NAV D 88
HORIZONTAL	NAD 83

PROJECT: BRANDON-LEICESTER	PROJECT NO. : FEGC F 019-3 (29)
DESIGN FILE NAME: pr\civil\sheet\sections&details\zb051typsect.dgn	PLOT DATE: 06 FEB 2001
IPARM FILE NAME:	SURVEY DATE: 06-29-2000
SURVEYED BY: VAOT	DRAWN BY: A. N. BEY
SQUAD LEADER: L. ORVIS P.C.	
R.O.W. SHEET 2 OF 10 SHEETS	