

TYPICAL SECTIONS

NOT TO SCALE
 150 mm BITUMINOUS CONCRETE PAVEMENT
 (PLACED IN TWO LIFTS: 50mm TYPE III, 100mm TYPE I)
 450 mm SUBBASE OF DENSE GRADED CRUSHED STONE
 650 mm SAND BORROW
 (at 15+000 TO at 15+464J39)
 BITUMINOUS CONCRETE PAVEMENT REQUIRES THE
 USE OF PERFORMANCE GRADED ASPHALT, 58-34

MATERIALS TOLERANCE TABLE

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

SEEDING FORMULA

RURAL AREAS				
% WT.	kg/ha	NAME	PUR.%	GERM.%
5.0	4	RED TOP	95	90
37.5	26	CREeping RED FESCUE	98	85
15.0	10	BIRD'S FOOT TREFOL (VAR. EMPIRE)	98	85
37.5	26	TALL FESCUE	95	90
5.0	4	ANNUAL RYE GRASS	95	85
100.0	70			

URBAN AREAS				
% WT.	kg/ha	NAME	PUR.%	GERM.%
42.5	38	CREeping RED FESCUE (VAR. PENNLAWN)	98	85
42.5	38	KENTUCKY BLUEGRASS (COMMON)	85	85
10.0	9	PERENNIAL RYE GRASS (VAR. PENNFINE)	95	90
5.0	5	ANNUAL RYE GRASS	95	85
100.0	90			

GENERAL NOTES

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

SEED - TO BE APPLIED PER SEEDING FORMULAS DIRECTED BY THE ENGINEER.

FERTILIZER - FORMULA 10-20-10 TO BE USED WITH SEED, APPLIED AT THE RATE OF 560 kg/ha.

AGRICULTURAL LIMESTONE - TO BE APPLIED AT A RATE OF 4500 kg/ha OR AS DIRECTED BY THE ENGINEER.

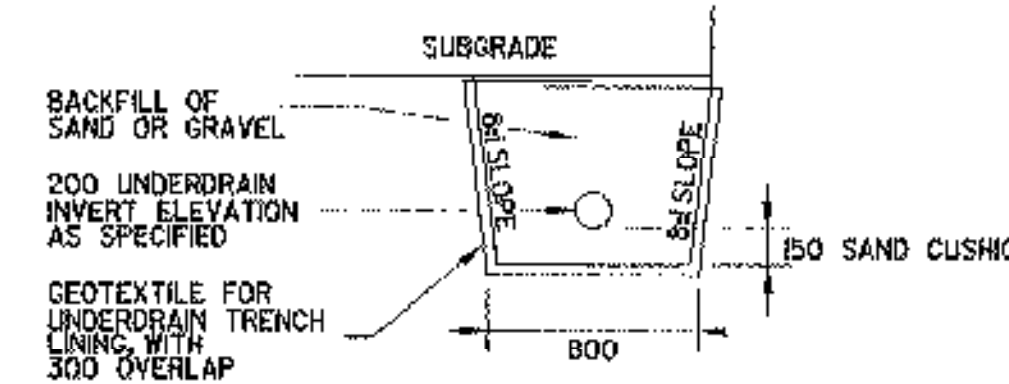
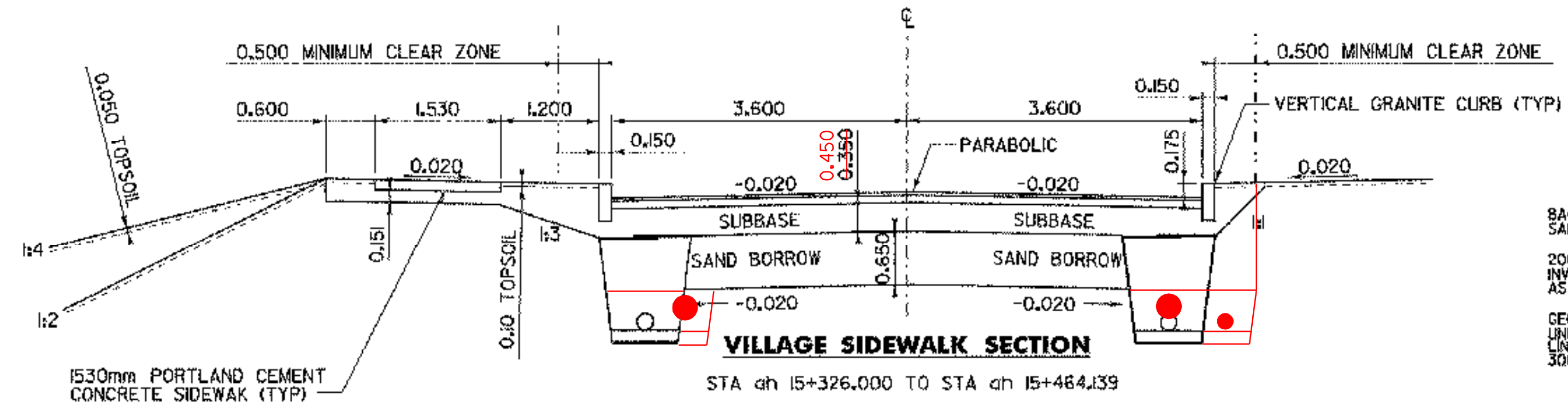
HAY MULCH - TO BE PLACED ON EARTH SLOPES AT THE RATE OF 4500 kg/ha OR AS DIRECTED BY THE ENGINEER.

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

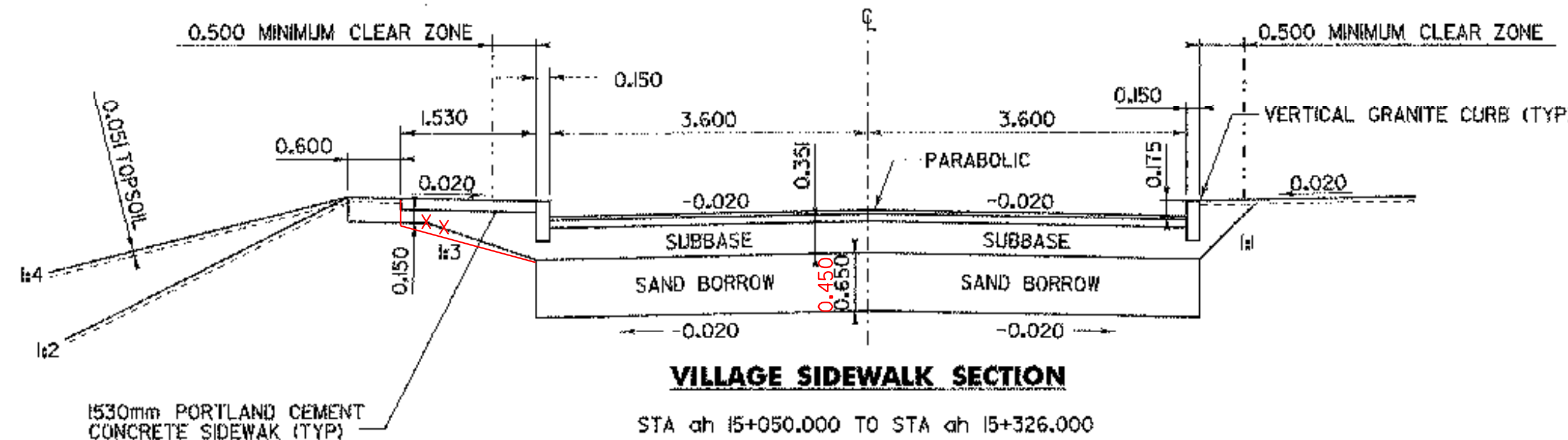
MARKER POSTS - TO BE PLACED AS DIRECTED BY ENGINEER.

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

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.

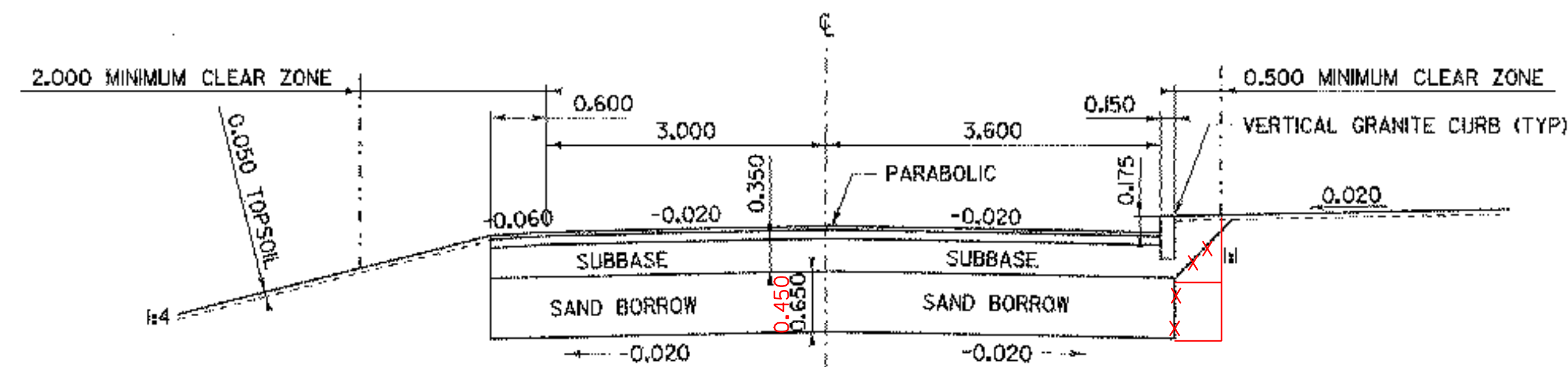


UNDERDRAIN DETAIL
NOT TO SCALE



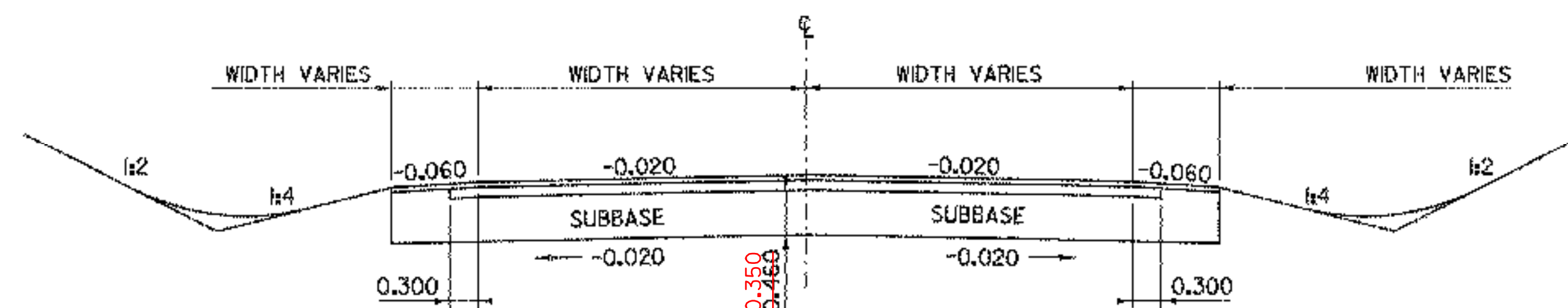
VILLAGE SIDEWALK SECTION

STA at 15+050.000 TO STA at 15+326.000



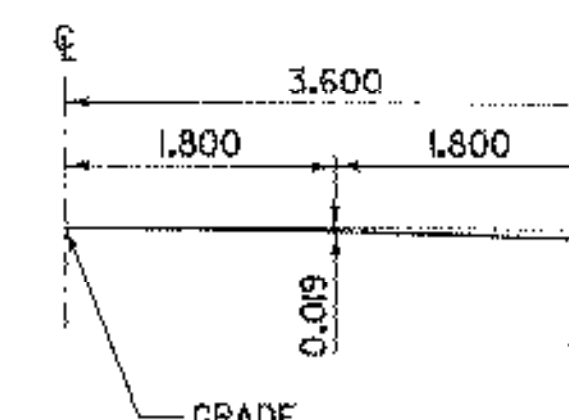
VILLAGE CURBED SECTION

STA at 15+00.00 TO STA at 15+050.00



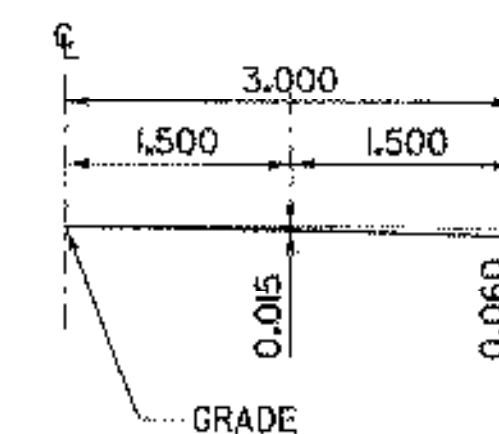
TOWH HIGHWAY TYPICAL SECTION

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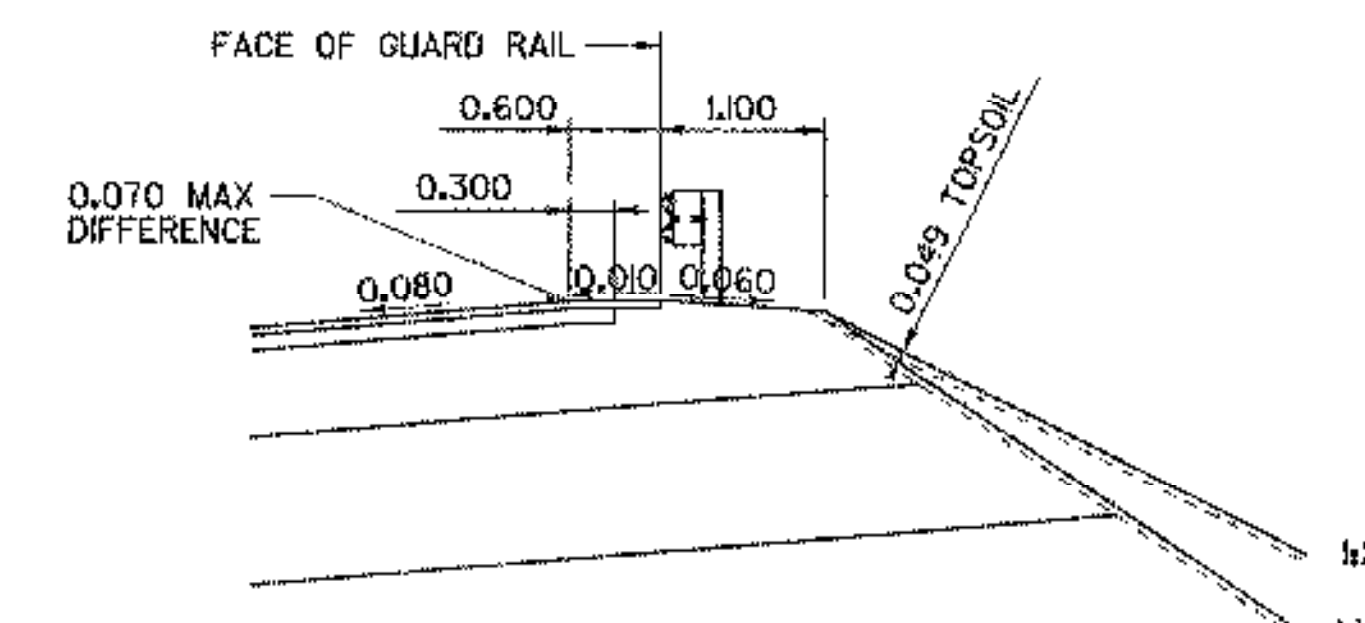
PARABOLIC DETAIL

3.6M LANE

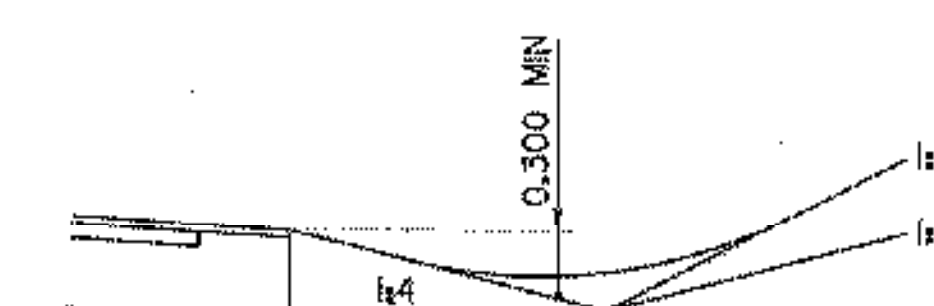


PARABOLIC DETAIL

3.0M LANE



DETAIL OF GUARD RAIL ON HIGH SIDE OF BANKED SECTION



DETAILS OF DITCH & BACKSLOPE FOR LOW SIDE OF BANK < 0.040

NOT TO SCALE

ALL DIMENSIONS IN M UNLESS OTHERWISE NOTED

PROJECT NAME:	HIGHGATE - FRANKLIN
PROJECT NUMBER:	STP RS 030(K) SA
FILE NAME:	85c060/design/2xc060typ.dgn
PLOT DATE:	28-MAR-2003
PROJECT LEADER:	DELLASANTA
DRAWN BY:	SQUAD B
DESIGNED BY:	SQUAD B
CHECKED BY:	SQUAD B
IPARM FILE NAME:	dc060+ylf
SHEET	3 OF 60