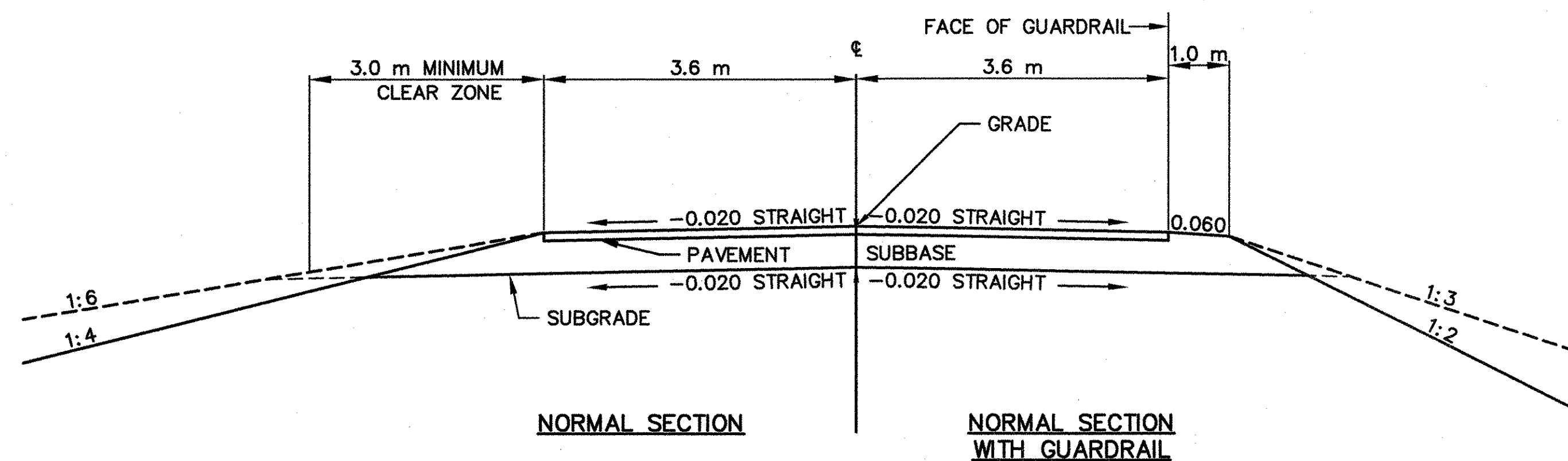


DETOUR TYPICAL SECTION AND NOTES

- 1) AS SPECIFIED IN SECTION 528 - TEMPORARY BRIDGE, WORKING DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR FOR THE PROPOSED WORK UNDER THIS ITEM IN COMPLIANCE WITH THE PROVISIONS IN SUBSECTION 105.03. DRAWINGS FOR THE BRIDGE APPROACHES, INCLUDING TOWN HIGHWAYS, SHALL INCLUDE PLAN, PROFILE, TYPICAL SECTION, AND SPECIFIC CROSS-SECTIONS FOR THE TEMPORARY ROADWAY AND CHANNEL (WHEN APPLICABLE) WITH COMPLETE DETAILS AND IDENTIFICATION OF MATERIALS TO BE USED. GEOMETRICS OF THE TEMPORARY BRIDGE AND ITS APPROACHES SHALL BE ADEQUATE FOR THE VOLUME OF TRAFFIC SERVED AND INDIVIDUAL CONDITIONS ENCOUNTERED.
- 2) THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, INSTALLATION, AND REMOVAL OF THE TEMPORARY SIGNALS ASSOCIATED WITH THE TEMPORARY ONE-WAY BRIDGE. THIS WORK SHALL BE PAID FOR UNDER ITEM 678.40 TEMPORARY TRAFFIC SIGNAL SYSTEM.
- 3) ALL EXISTING SIGNALS, WARNING SIGNS AND BARRIER USED IN CONJUNCTION WITH THE PRESENT LANE RESTRICTION ACROSS THE EXISTING BRIDGE SHALL BE RETURNED TO THE AGENCY OF TRANSPORTATION DISTRICT 2 OFFICE.
- 4) ANY EXISTING PERMANENT SIGNS THAT DO NOT APPLY DURING CONSTRUCTION SHOULD BE COVERED OR REMOVED DURING CONSTRUCTION, AS DEEMED APPROPRIATE BY THE RESIDENT ENGINEER.
- 5) TWO WEEKS (MINIMUM) PRIOR TO REMOVAL OF THE EXISTING SIGNALS AND FLASHING BEACONS, THE CONTRACTOR SHALL COORDINATE THE TERMINATION OF POWER TO THESE SITES WITH GREEN MOUNTAIN POWER.
- 6) ACCESS TO ALL EXISTING SIDE ROADS, DRIVES, AND PARKING AREAS SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
- 7) ALL ON PROJECT SIGNS, BARRICADES AND CONES REQUIRED FOR THE PROJECT AND /OR ORDERED BY THE RESIDENT ENGINEER SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE INCIDENTAL TO ITEM 641.10 TRAFFIC CONTROL. ALL SIGNS SHALL BE INSPECTED AND REPAIRED DAILY AND CLEANED OF DUST AND DIRT WEEKLY. THIS WORK WILL BE CONSIDERED PART OF THE TRAFFIC CONTROL ITEM.
- 8) AN ADVISORY SPEED LIMIT OF 40 MPH SHALL BE POSTED FOR THE TEMPORARY DETOUR.
- 9) FOR TABULATED MINIMUM HYDRAULIC REQUIREMENTS FOR THE TEMPORARY BRIDGE, REFER TO BRIDGE PRELIMINARY INFORMATION SHEET.
- 10) SEE STANDARD E-107 FOR THE DETOUR SIGNING, DELINEATION AND BARRICADES, AND THE NEED FOR TEMPORARY TRAFFIC BARRIER AND ATTENUATORS. SEE STANDARD E-100 FOR ADVANCE CONSTRUCTION SIGNING. ALSO, REFER TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), PART VI FOR FURTHER CLARIFICATION ON TRAFFIC CONTROL NEEDS.
- 11) PAYMENT FOR THE SUBBASES FOR THE DETOUR IS INCIDENTAL TO ONE-WAY TEMPORARY BRIDGE.
- 12) REMOVE EXISTING PAVEMENT MARKINGS AS DIRECTED BY THE RESIDENT ENGINEER. REMOVAL SHALL BE INCIDENTAL TO ITEM 641.10 TRAFFIC CONTROL.
- 13) LAND IMPACTED BY THE CONSTRUCTION OF THE DETOUR, AND ANY OTHER ACTIVE AGRICULTURAL LAND THAT IS DISTURBED, WILL BE RECLAIMED FOLLOWING RECOMMENDATIONS FROM THE NRCS (NATURAL RESOURCES CONSERVATION SERVICE).
- 14) PLANT INSPECTION, MIX DESIGN AND COMPACTION REQUIREMENTS FOR BITUMINOUS CONCRETE PAVEMENT ARE WAIVED FOR THE DETOUR.
- 15) TEMPORARY CONCRETE BARRIER SHALL BE NCHRP 350 COMPLIANT.

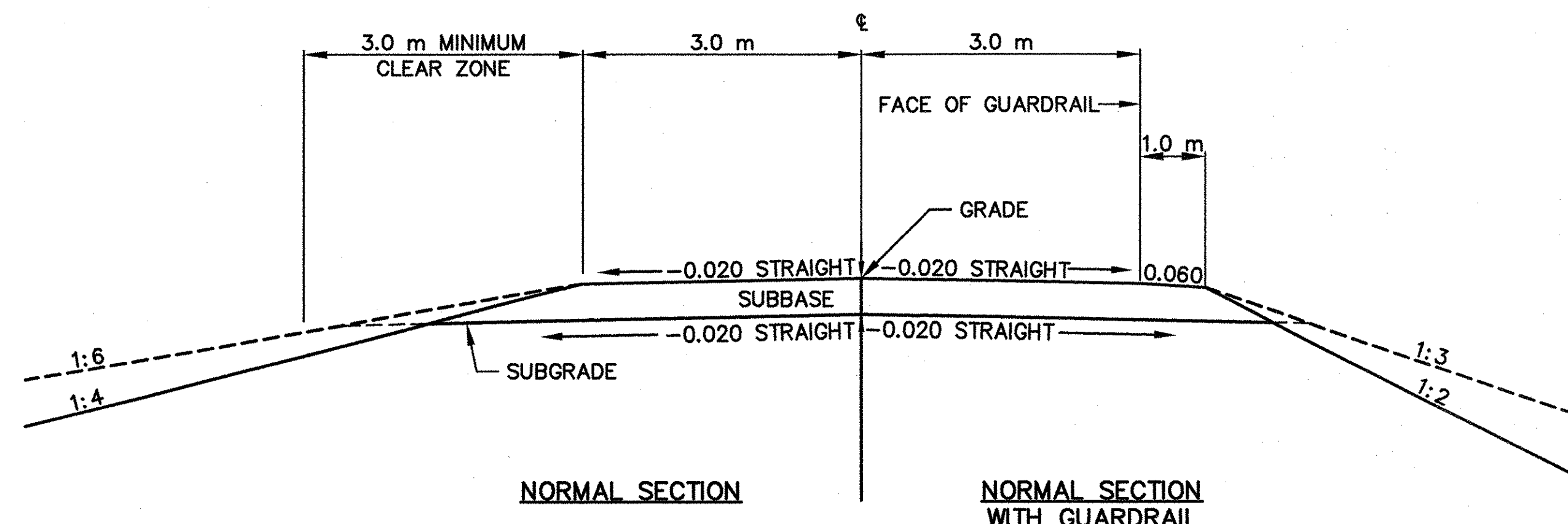
DETOUR (VT ROUTE 100)

90 BITUMINOUS CONCRETE PAVEMENT (2-45 mm LIFTS, TYPE III)
380 SUBBASE OF DENSE GRADED CRUSHED STONE



DETOUR (TH 41 & 43)

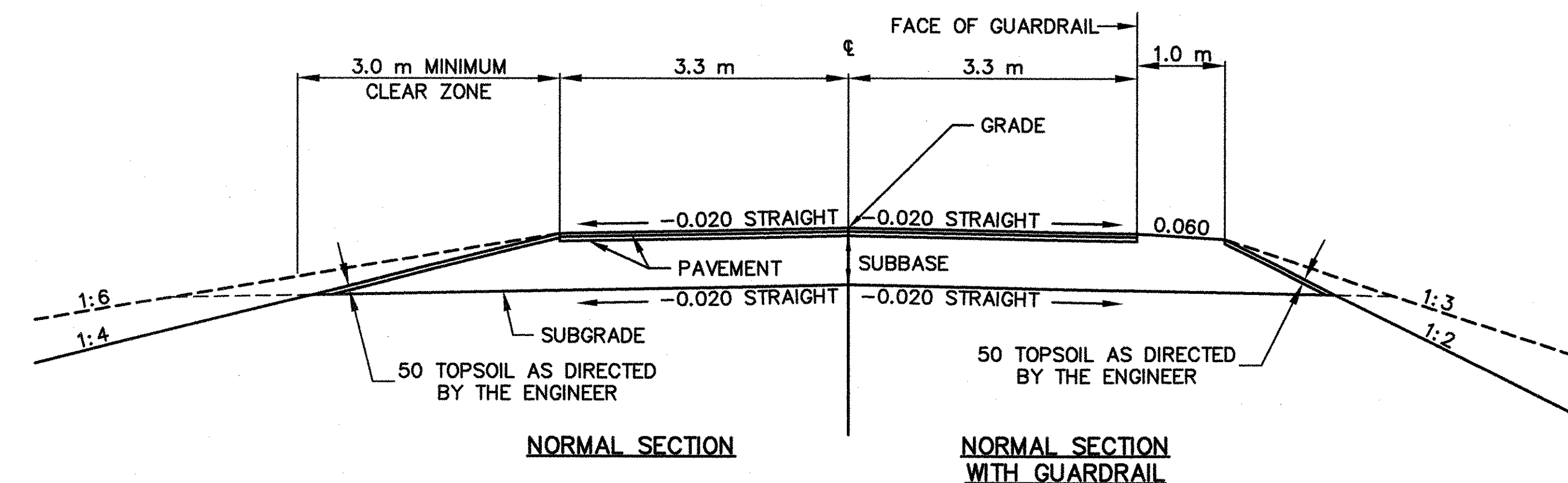
380 SUBBASE OF DENSE GRADED CRUSHED STONE



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

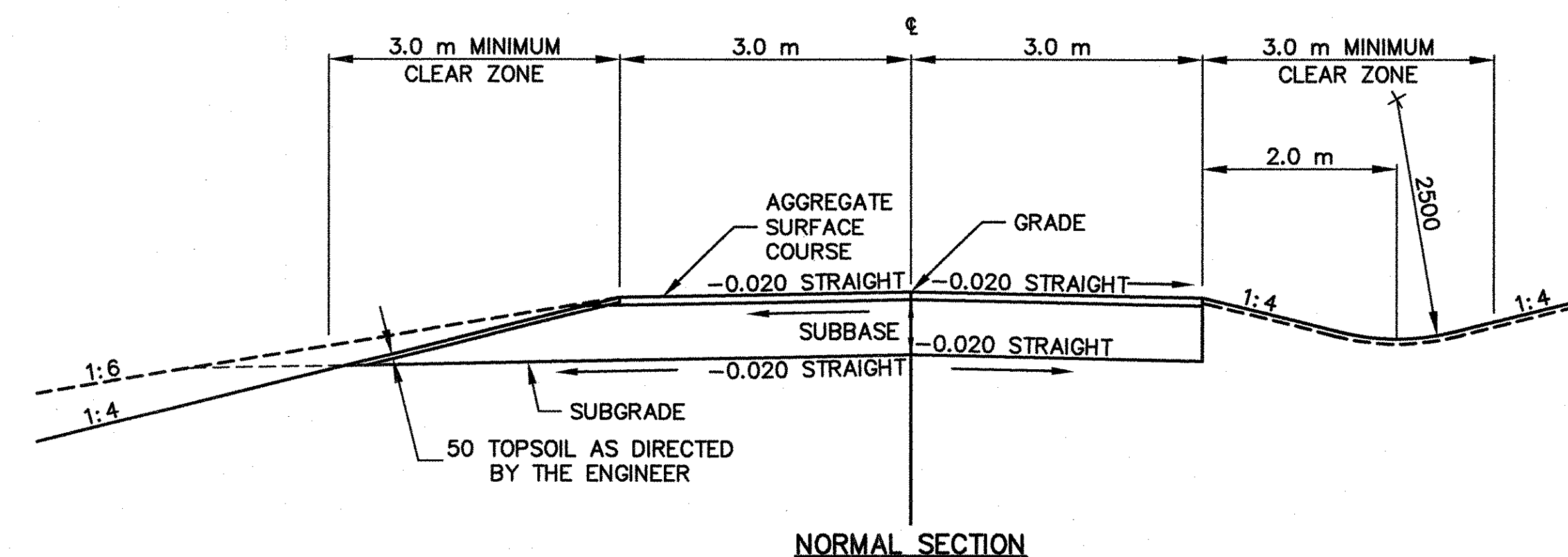
TYPICAL SECTION (TH 41 & 43)

- 40 BITUMINOUS CONCRETE PAVEMENT (TYPE III) } (STA 0+104.8 TO 0+115.3 TH 41)
 - 50 BITUMINOUS CONCRETE PAVEMENT (TYPE II) } (STA 0+204.8 TO 0+215.3 TH 43)
 - 460 SUBBASE OF DENSE GRADED CRUSHED STONE
 - 80 AGGREGATE SURFACE COURSE } (STA 0+115.3 TO 0+200 TH 41)
 - 460 SUBBASE OF DENSE GRADED CRUSHED STONE } (STA 0+215.3 TO 0+320 TH 43)
- NOTE: EMULSIFIED ASPHALT SHALL BE APPLIED BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES AT A RATE OF 0.12 L/M² OR AS DIRECTED BY THE RESIDENT ENGINEER.



TYPICAL SECTION (TH 56)

80 AGGREGATE SURFACE COURSE
460 SUBBASE OF DENSE GRADED CRUSHED STONE



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

ALL DIMENSIONS IN MILLIMETERS
EXCEPT AS INDICATED

SURVEYED BY	CLD	DATE	10/94
DRAWN BY	SMC	DATE	1/95
SQUAD LEADER	JAW		
DESIGN FILE NO.	90284		
IPARM FILE		DATE PLOTTED	
PROJ. NAME	JAMAICA		
PROJ. NO.	BRF 013-1(8)		
SHEET	6 OF 116 SHEETS		