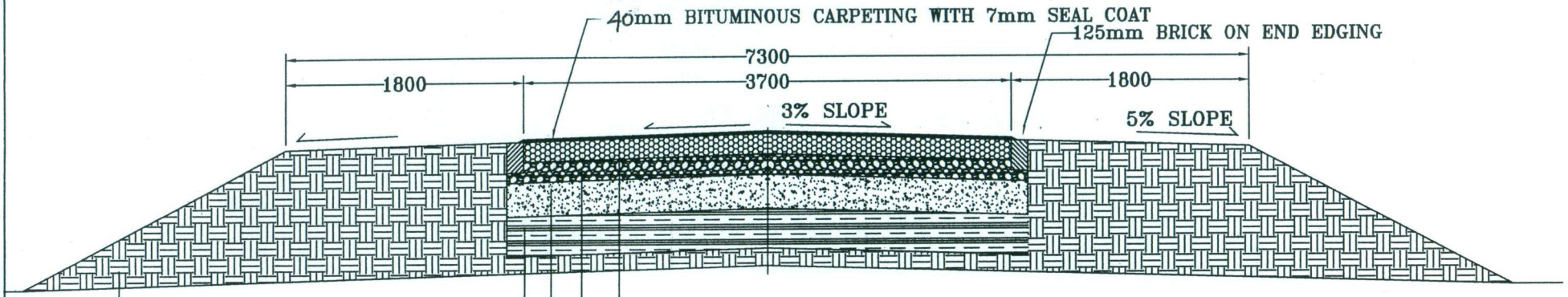
UPAZILA ROAD SECTION

DESIGN TYPE 6



150mm COMPACTED WBM BASE, AGGREGATE ACV max. 30% ,
COMPACTED IN TWO LAYERS, EACH LAYER SOAKED CBR min. 80%, DPC max. 3.5mm/BLOW,
COMPACTED TO min. 98% MODIFIED

150mm COMPACTED AGGREGATE-SAND SUBBASE (SAND : MAXIMUM 50% OF MIX),
AGGREGATE ACV max. 32% , COMPACTED IN TWO LAYERS,
EACH LAYER SOAKED CBR min. 30%, DCP max. 3.5mm/BLOW, COMPACTED TO min. 98% MODIFIED

250mm COMPACTED SAND IMPROVED SUBGRADE, SAND FM min. 0.8, PI VALUE<6,
COMPACTED IN TWO LAYERS, EACH LAYER SOAKED CBR min. 8% & DCP max. 22mm/BLOW,
COMPACTED TO min. 98% MODIFIED

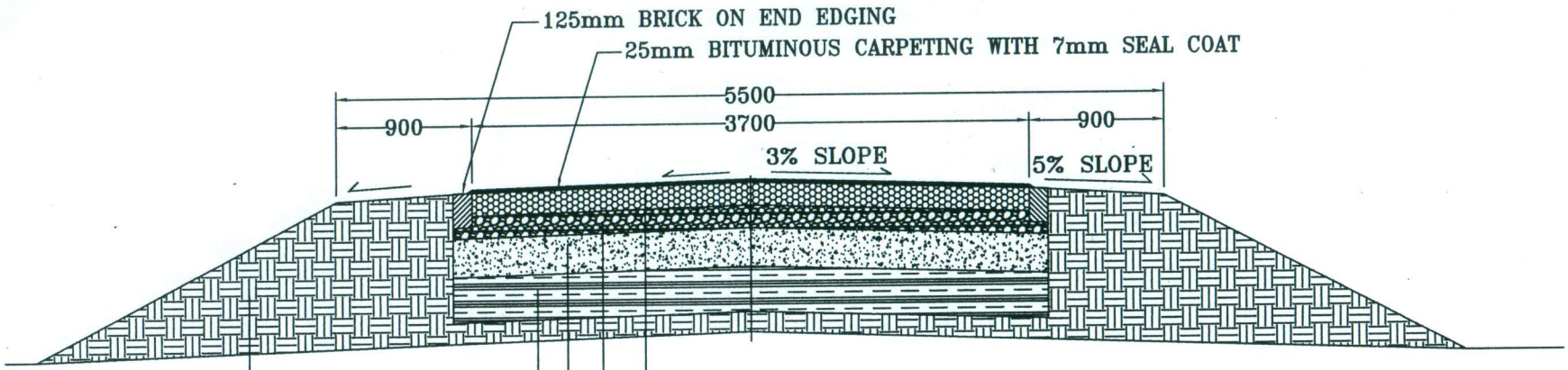
SUBGRADE COMPACTION min. 98% STD, SOAKED CBR min. 4%, DCP max. 30mm/BLOW
(IF NOT AVAILABLE, 300mm SUBGRADE, COMPACTED TO min. 98% STD IN TWO LAYERS,
SOAKED CBR min. 4%, DCP max. 30mm/BLOW)

ORIGINAL SOIL CUT INTO DESIGNED SHAPE, OR FILL WITH NORMAL SOIL,
PI VALUE RANGE 8 TO 20%, COMPACTION min. 95% STD, DCP max. 45mm/BLOW,
SOAKED CBR min. 3% TO ACHIEVE DESIGNED CROSS-SECTION OF SIDE EMBANKMENT

DRAWING PLATE UPR-BC2-SL-1A

LOCAL GOVERNMENT ENGINEERING DEPARTMENT	
APPROVED BY	UPAZILA ROAD SECTION (ROAD TYPE 6)
PROCESS	DESIGN UNIT
DRAWING NO	UPR-06-1A
DATE:	

UNION ROAD SECTION
DESIGN TYPE 7



150mm COMPACTED WBM BASE, AGGREGATE ACV max. 30% ,
COMPACTED IN TWO LAYERS, EACH LAYER SOAKED CBR min. 80%, DPC max. 3.5mm/BLOW,
COMPACTED TO min. 98% MODIFIED

150mm COMPACTED AGGREGATE-SAND SUBBASE (SAND : MAXIMUM 50% OF MIX),
AGGREGATE ACV max. 32% , COMPACTED IN TWO LAYERS,
EACH LAYER SOAKED CBR min. 30%, DCP max. 3.5mm/BLOW, COMPACTED TO min. 98% MODIFIED

250mm COMPACTED SAND IMPROVED SUBGRADE, SAND FM min. 0.8, PI VALUE<6,
COMPACTED IN TWO LAYERS, EACH LAYER SOAKED CBR min. 8% & DCP max. 22mm/BLOW,
COMPACTED TO min. 98% MODIFIED

SUBGRADE COMPACTION min. 98% STD, SOAKED CBR min. 4%, DCP max. 30mm/BLOW
(IF NOT AVAILABLE, 300mm SUBGRADE, COMPACTED TO min. 98% STD IN TWO LAYERS,
SOAKED CBR min. 4%, DCP max. 30mm/BLOW)

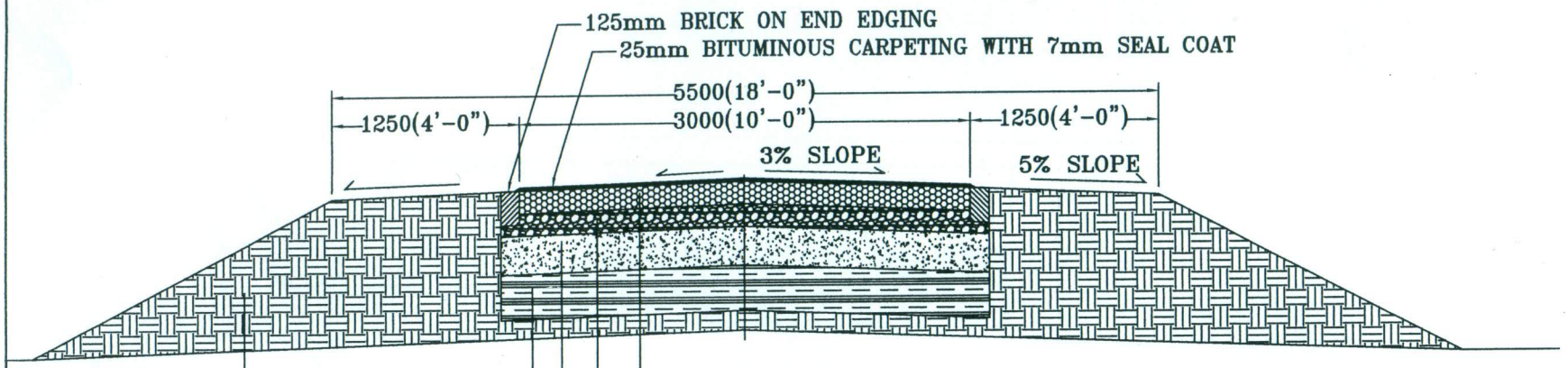
ORIGINAL SOIL CUT INTO DESIGNED SHAPE, OR FILL WITH NORMAL SOIL,
PI VALUE RANGE 8 TO 20%, COMPACTION min. 95% STD, DCP max. 45mm/BLOW,
SOAKED CBR min. 3% TO ACHIEVE DESIGNED CROSS-SECTION OF SIDE EMBANKMENT

DRAWING PLATE UNR-BC2-SL-2A

LOCAL GOVERNMENT ENGINEERING DEPARTMENT	
APPROVED BY	UNION ROAD SECTION (ROAD TYPE 7)
	PROCESS: DESIGN UNIT
	DRAWING NO: UNR-07-2A
	DATE:

UNION ROAD SECTION

DESIGN TYPE 8



150mm COMPACTED WBM BASE, AGGREGATE ACV max. 30% ,
COMPACTED IN TWO LAYERS, EACH LAYER SOAKED CBR min. 80%, DPC max. 3.5mm/BLOW,
COMPACTED TO min. 98% MODIFIED

150mm COMPACTED AGGREGATE-SAND SUBBASE (SAND : MAXIMUM 50% OF MIX),
AGGREGATE ACV max. 32% , COMPACTED IN TWO LAYERS,
EACH LAYER SOAKED CBR min. 30%, DCP max. 3.5mm/BLOW, COMPACTED TO min. 98% MODIFIED

250mm COMPACTED SAND IMPROVED SUBGRADE, SAND FM min. 0.8, PI VALUE<6,
COMPACTED IN TWO LAYERS, EACH LAYER SOAKED CBR min. 8% & DCP max. 22mm/BLOW,
COMPACTED TO min. 98% MODIFIED

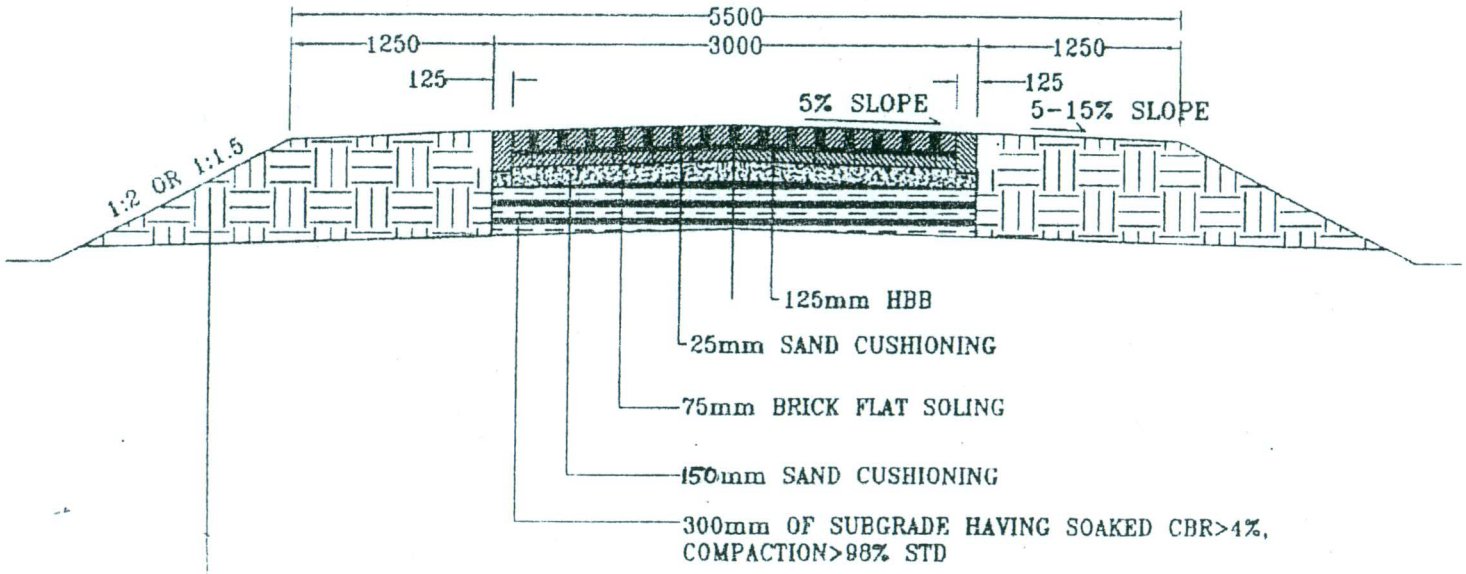
SUBGRADE COMPACTION min. 98% STD, SOAKED CBR min. 4%, DCP max. 30mm/BLOW
(IF NOT AVAILABLE, 300mm SUBGRADE, COMPACTED TO min. 98% STD IN TWO LAYERS,
SOAKED CBR min. 4%, DCP max. 30mm/BLOW)

ORIGINAL SOIL CUT INTO DESIGNED SHAPE, OR FILL WITH NORMAL SOIL,
PI VALUE RANGE 8 TO 20%, COMPACTION min. 95% STD, DCP max. 45mm/BLOW,
SOAKED CBR min. 3% TO ACHIEVE DESIGNED CROSS-SECTION OF SIDE EMBANKMENT

DRAWING PLATE UNR-BC2-SL-1A

LOCAL GOVERNMENT ENGINEERING DEPARTMENT	
APPROVED BY	UNION ROAD SECTION (ROAD TYPE 8)
PROCESS	DESIGN UNIT
DRAWING NO	UNR-08-1A
DATE:	

RURAL ROAD SECTION WITH HBB PAVEMENT



LOCAL GOVERNMENT ENGINEERING DEPARTMENT

APPROVED BY

UNION/ RR ROAD SECTION THROUGH HILLS (ROAD TYPE 3)

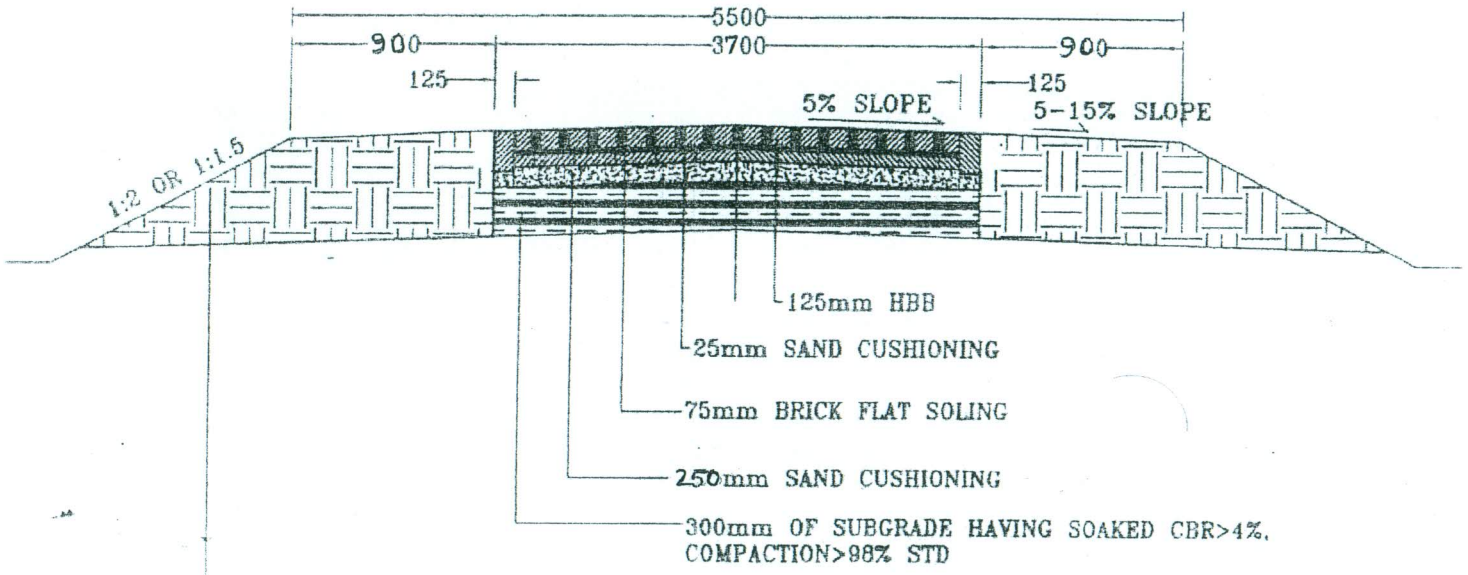
PROJECT

01

DATE

DRAWING PLATE UNR-HBB-1A

RURAL ROAD SECTION WITH HBB PAVEMENT



LOCAL GOVERNMENT ENGINEERING DEPARTMENT

APPROVED BY

UNION/ RR ROAD SECTION
THROUGH HILLS
(ROAD TYPE 8)

PROCESS

DATE

01

DRAWING PLATE UNR HBB-1A