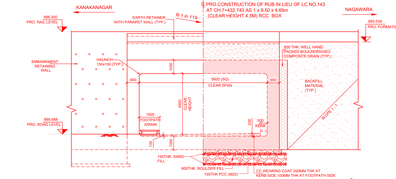
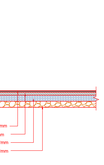
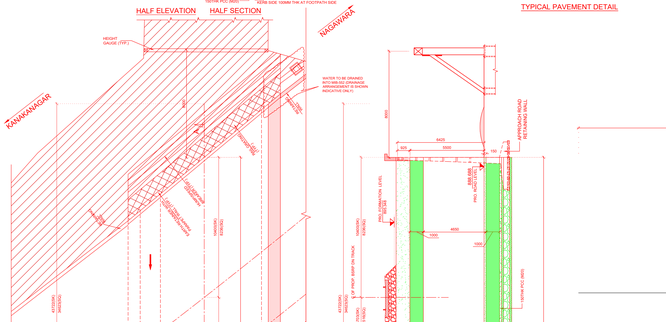
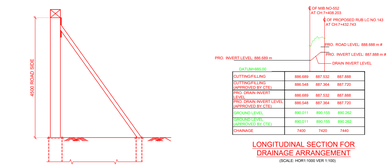




DETAILS OF RAILGRATING
(NOT TO SCALE)



TYPICAL PAVEMENT DETAIL



HEIGHT GAUGE (TYP.)
HEIGHT GAUGE AS PER RDSO/RB/307

LONGITUDINAL SECTION FOR DRAINAGE ARRANGEMENT
(SCALE: HOR:1000 VER:1:100)

CHAINAGE	7400	7420	7440
GROUND LEVEL	900.211	900.155	900.262
FORMATION LEVEL (TYP.)	899.211	899.155	899.262
CUTTING/FILLING	899.689	897.532	897.888
FORMATION LEVEL (APPROVED BY CTE)	898.548	897.394	897.720
RAIL LEVEL (APPROVED BY CTE)	899.688	897.532	897.888
DRAIN INVERT LEVEL (APPROVED BY CTE)	898.548	897.394	897.720

BRIDGE DETAILS

DESCRIPTION	PROPOSED BSRP BRIDGE I/C-143
CHAINAGE AT CENTER OF BRIDGE (m)	7+432.743
RAIL LEVEL AT CENTER OF BRIDGE (m)	898.300
FORMATION LEVEL AT CENTER OF BRIDGE (m)	898.538
SKEW (Yes = STRAIGHT/ No = STRAIGHT)	Yes Deg 0
STRUCTURE CONFIGURATION	RCC BOX

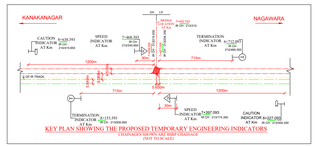
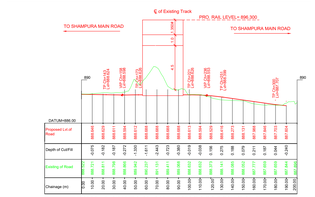
BRIDGE CONCRETE GRADE	
a RCC BOX	M30
b WEARING COURSE	M35
c LEVELLING COURSE (PCC)	M20
d RETAINING(RETURN WALL)	M30

ABBREVIATIONS

℄	CENTER LINE
(TYP.)	- TYPICAL
U/S	- UP STREAM SIDE
D/S	- DOWN STREAM SIDE
DN	- DOWN
WR	- BRIDGE
FRL	- FORMATION LEVEL

TRACK DETAILS (PRO.BRIDGE)

CURVING	0° 0'0"/0.000 (RHS/LHS)
ALIGNMENT	CURVE
GRADE	R 1 IN 119
RAIL LEVEL	898.300 m
FORMATION LEVEL	898.538 m

DEPTH OF CONSTRUCTION FOR 1 x 9.5 x 4.65 m RCC BOX

TOTAL DEAD LOAD	- 172 mm
DP-2kg	- 10 mm
PSC SLEEPER	- 200 mm
BALLAST CUSHION	- 350 mm
EARTH CUSHION	- 1300 mm
TOP SLAB	- 1000 mm
TOTAL	= 3132mm