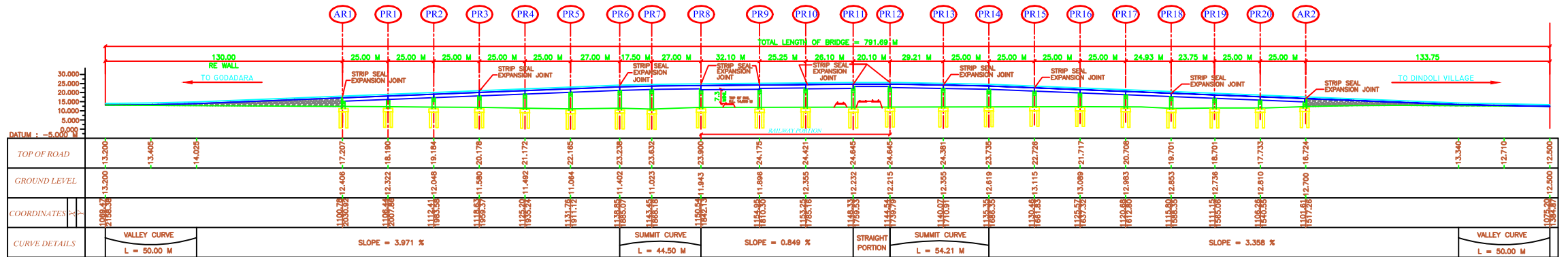
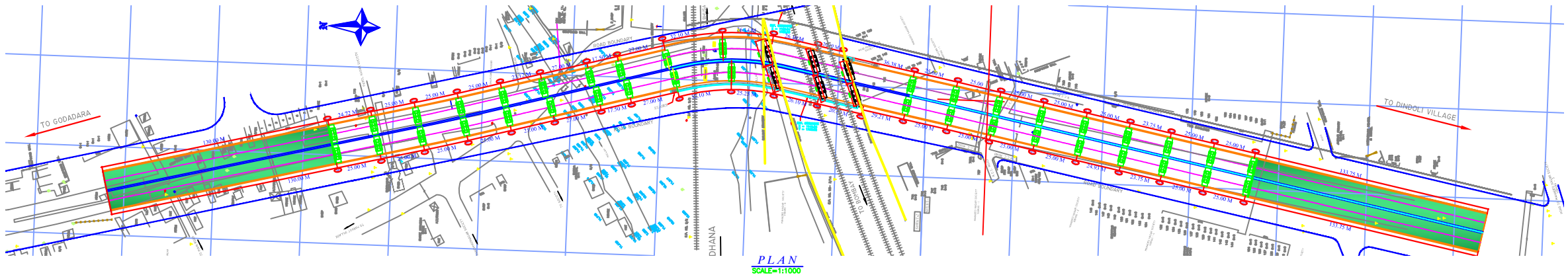


LONGITUDINAL ELEVATION (FOR LEFT CARRIAGEWAY)
SCALE = 1:1000

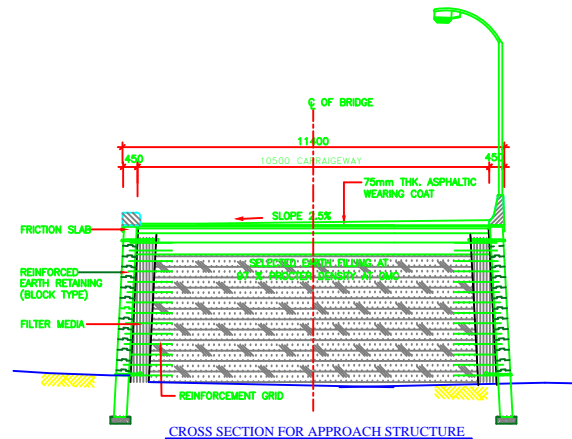


LONGITUDINAL ELEVATION (FOR RIGHT CARRIAGEWAY)
SCALE = 1:1000

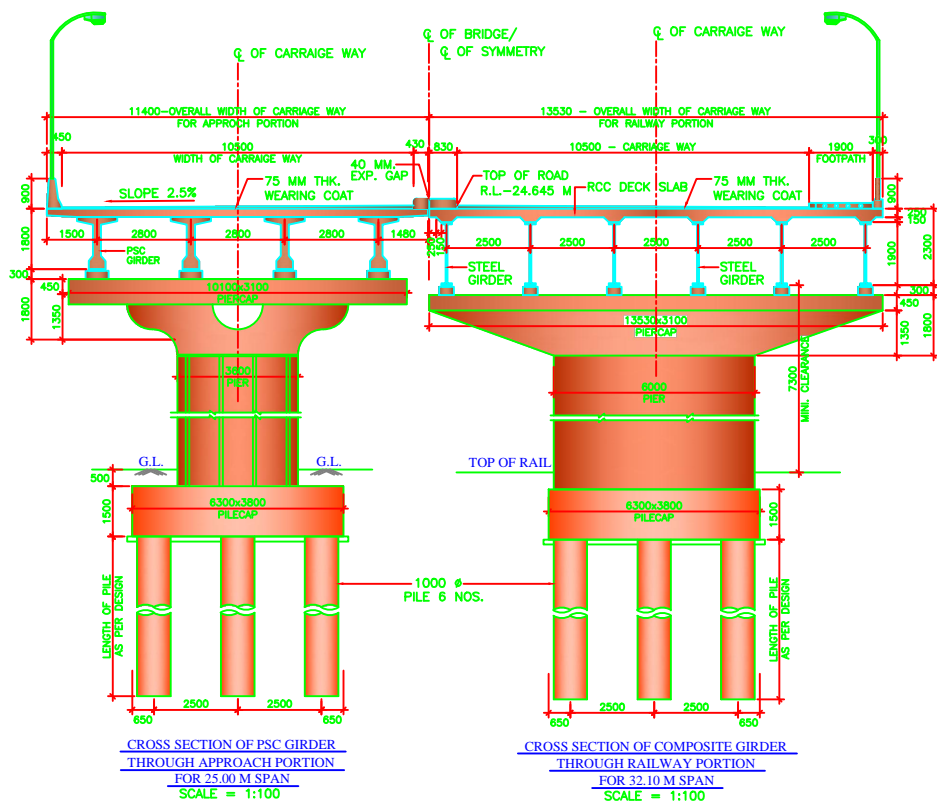


PLAN
SCALE=1:1000

- (1) ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METRES UNLESS OTHERWISE MENTIONED IN DRAWING.
- (2) NO DIMENSION SHALL BE SCALED FROM THIS DRAWING. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
- (3) STRUCTURAL DETAILS, GRADE OF CONC. AND DIMENSIONS SHOWN IN THIS DRAWING ARE TENTATIVE AND ANY UNIT AND ITS DIMENSION WILL BE AS PER DETAIL DESIGN AND DRAWINGS.
- (4) PROVISIONS OF CLAMPS IN THE SUPERSTRUCTURE FOR SUPPORTING THE TRACTION WIRE TO BE MADE IN COMMUNICATION WITH CONCERNED AUTHORITY.
- (5) DESIGN SHALL BE AS PER LATEST RELEVANT CODE OF IRC AND OTHER CODES AS APPROVED BY MOST.
- (6) STRIP SEAL/COMPRESSION SEAL TYPE EXPANSION JOINT OF APPROVED MOST MANUFACTURER SHALL BE PROVIDED IN DECK AT EXPANSION GAP.
- (7) WORK SHOULD BE CARRIED OUT BY THE CONTRACTOR UNDER THE SUPERVISION OF RAILWAY ENGINEER WITHIN RAILWAY LAND LIMIT.
- (8) TEMP. SIGNALLING ARRANGEMENT WILL BE DONE AS PER G.R. 15-09 (1) d AND S.R. 15-09 (2) WHICHEVER IS ADAPTABLE.
- (9) THE BRIDGE WILL BE DESIGNED FOR BELOW MENTIONED IRC LOADING
(A) EACH TWO LANE BRIDGE SHALL BE DESIGNED FOR IRC CLASS A TWO LANE LOADS OR ONE LANE OF 70R WHEELED OR TRACKED VEHICLES, WHICH EVER IS SEVERE AND GOVERNING.
(B) FOOTPATH LOADING AS PER CLAUSE 209 OF IRC 6 WITH A BASIC INTENSITY OF 500 KG/M².
- (10) MINIMUM HEIGHT OF LOWEST MEMBER OF BRIDGE FROM RAIL LEVEL SHOULD BE 7.30m.
- (11) STEEL USED SHALL BE TMT BARS CONFIRMING TO I.S. 1786.
- (12) CRASH BARRIER SHOULD BE PROVIDED AS PER MOST STANDARD DRAWING.
- (13) BEARING - ELASTOMERIC BEARING
- (14) DURING THE CONSTRUCTION OF BRIDGE TRACK WILL BE PROTECTED SUITABLY S.R.
- (15) WHILE CARRYING OUT THE WORK PRECAUTION SHOULD BE TAKEN FOR PROTECTION OF S & T CABLE.
- (16) DRAINAGE SPOUT WEARING COATS SHOULD BE AS PER MOST STANDARD DRAWING SD-303.
- (17) ALL R.C.C. WORK SHALL CONFORM TO I.R.C. CODE SEC-III OF REINFORCED ROAD BRIDGE.
- (18) DESIGN CRITERIA I.R.C. CODE OF PRACTICE SECTION I TO III.
- (19) THE DEPTH OF FOUNDATION SHOWN IN THIS DRAWING IS TENTATIVE THE ACTUAL FOUNDATION LEVEL SHALL BE AS PER WORKING DRAWING
- (20) DIMENSION OF PILE CAPS AND CENTRES OF PILES FOR ALL PIERS HAVING PILE FOUNDATION ARE SAME.
- (21) THE ANGLE OF ORIENTATION OF SOME PIERS SHALL BE DECIDED ON TRAFFIC MOVEMENT, STRUCTURAL STABILITY AND SITE CONDITION DURING EXECUTION.
- (22) GRADE OF CONCRETE
P.C.C. M:15 DECK SLAB PSC SPAN M:45
PILE M:35 R.C.C. BOX M:35
PILE CAP M:35 DECK SLAB R.C.C. SPAN M:35
PIER & PIER CAP M:35 KERB M:35
ABUTMENT M:35 FOOTPATH M:35
ABUTMENT CAP M:35 PARAPET M:35
PEDESTAL M:35 CRASH BARRIER M:35
PSC GIRDER M:45 RETURN WALL M:35

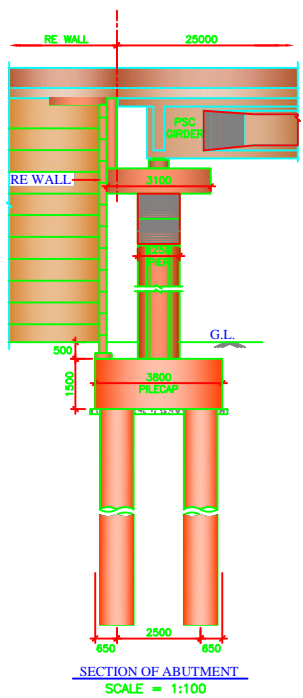


CROSS SECTION FOR APPROACH STRUCTURE

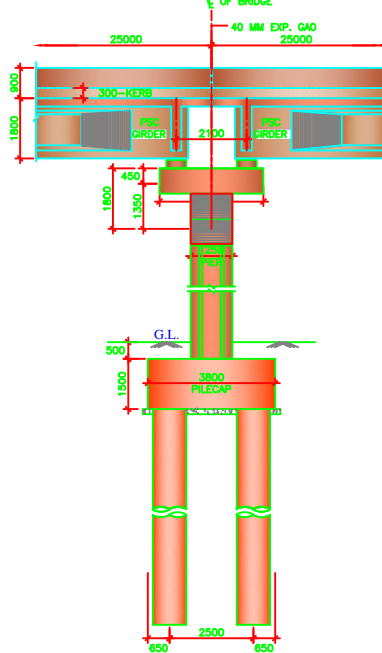


CROSS SECTION OF PSC GIRDER
THROUGH APPROACH PORTION
FOR 25.00 M SPAN
SCALE = 1:100

CROSS SECTION OF COMPOSITE GIRDER
THROUGH RAILWAY PORTION
FOR 32.10 M SPAN
SCALE = 1:100



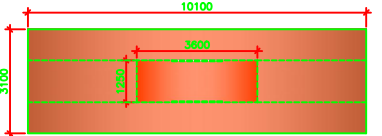
SECTION OF ABUTMENT
SCALE = 1:100



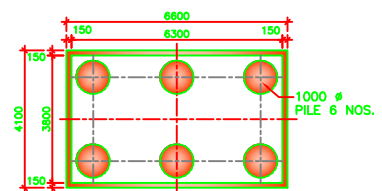
SECTION OF PIER
SCALE = 1:100



PLAN AT TOP OF PIERCAP
THROUGH RAILWAY PORTION
SCALE = 1:100



PLAN AT TOP OF PIERCAP
THROUGH APPROACH PORTION
SCALE = 1:100



PLAN AT TOP OF PILECAP
SCALE = 1:100

REVISION	DATE	PARTICULAR
R7	08-10-11	CHANGE IN SPAN ARRANGEMENT BETWEEN RAILWAY PORTION AS PER COMMENTS OF RAILWAY
R6	29-06-11	CHANGE IN TOP OF ROAD DUE TO PROVISION OF DFCC TRACK AS PER DFCC LETTER NO. DFCC / ST / Survey / VOL-II / I, DT: 27/05/2011
R5	24-12-10	REVISED FOR CHANGE IN SPAN ARRANGEMENT AS PER SMC INSTRUCTION.
R4	23-10-10	REVISED FOR CHANGE IN SLOPE & SPAN ARRANGEMENT AS PER SMC INSTRUCTION.
R3	02-10-10	REVISED FOR CHANGE IN ALIGNMENT OF BRIDGE AS PER T.P. ROAD
R2	21-06-10	REVISED FOR CHANGE IN TOP OF ROAD LEVEL OVER RAILWAY TRACK
R1	23-04-10	REVISED FOR CHANGE IN LENGTH OF RE WALL
PROJECT : CONSTRUCTION OF ROB IN LIEU OF L.C. NO. 3C ON BHUSAVAL MAIN LINE JOINING DINDOLI AND GODADARA AREA.		
CLIENT : SURAT MUNICIPAL CORPORATION., SURAT		
DRAWN BY KANAK	CONSULTANT : JIGNESH GANDHI CASAD Consultants. MANKYAM BUILDING, SARDAR PATEL NAGAR, OFF C.G. ROAD, ELLISBRIDGE, AHMEDABAD-380 006. PH: 26403907 Email: casad_cons@yahoo.co.in	DESIGNED BY J.B.G.
DATE 27-02-09		CHECKED BY H.M.
TITLE : GENERAL ARRANGEMENT DRAWING		
SCALE AS SHOWN	PROJECT NO. 2009-10/06	DRG. NO. SMC/GDR/GAD
		REVISION R7