



- NOTES :-**
- ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN MRS UNLESS SPECIFIED OTHERWISE.
 - DIMENSIONS ARE NOT TO BE SCALED. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
 - THE DETAILS SHOWN IN SITE PLAN ARE AS PER THE SURVEY CARRIED OUT AT SITE.
 - THE DIMENSIONS SHOWN ARE TENTATIVE AND SHALL DEPEND UPON FINAL DESIGN.
 - THE FINISHED ROAD (W/ GRADE) ARE INDICATED. REST OF THE ARRANGEMENTS, SUCH AS SPACING OF GUTTERS, TYPE OF SUPERSTRUCTURE, DIMENSIONS/PROCESSES, DEPTH & THICKNESS OF SUB-STRUCTURE MEMBERS, ETC. ARE TENTATIVE AND SHALL DEPEND UPON FINAL DESIGN.
 - THE APPROACHES ARE IN RCC RETAINING WALL AS PER DETAILED DRAWINGS.
 - AS PER LOCAL REQUIREMENT 3% AGE OF CEMENT AND SUPER ELEVATION SHALL BE PROVIDED IN STRAIGHT AND CURVED PORTION OF ROAD. EXTRA WEARING IN CURVED PORTION SHALL BE PROVIDED ACCORDINGLY.
 - DRAINAGE SPOUT, EXPANSION JOINT & WEARING COAT SHOULD BE AS PER MOST OF SPECIFICATIONS AND DRAWINGS GIVEN BY CLIENT.
 - THE CONTRACTING AGENCY SHOULD ENSURE THAT THE NECESSARY PERMISSION HAS BEEN OBTAINED FROM ROAD AUTHORITY FOR NECESSARY THE WORKS TEMPORARILY PRIOR TO COMMENCING THE WORK IF ANY.
 - UNDO GRASS/GRASS ETC. IF ANY SHALL BE REMOVED & RE-PLANTED BEFORE THE EXECUTION OF WORK STARTS.
 - NECESSARY SUITABLE SHORING AND BRACING SHALL BE PROVIDED FOR CASTING OF STRUCTURAL MEMBERS AND OTHER PLACE WHERE OVER REQUIRED AND DETAILED DRAWING SHALL BE SUBMITTED BY THE CONTRACTOR.
 - REINFORCE SHALL BE PROVIDED FOR ONE LANE OF CLASS 'A' OR THREE LANE OF CLASS 'A' ALONG WITH FOOTPATH LOADING AS PER IRC-4:2009.
 - MIN. GRADE OF CONCRETE FOR VARIOUS COMPONENTS OF BRIDGE SHALL BE AS BELOW:

LEVELLING COURSE	M-15
FOOTING	M-20
ABUTMENT & PIER	M-25
ABUTMENT/PIER CAP	M-30
RCC RETAINING WALL	M-25
RETAINING WALL	M-20
RCC SUPERSTRUCTURE	M-30
RCC SUPERSTRUCTURE	M-30
CRACK BANDS	M-25
 - PRESTRESSING STEEL SHALL BE UNCOATED STRESSER RELIEVED LOW RELAXATION STRAND CLASS 8 CONFORMING TO IS 1426:1992.
 - REINFORCING STEEL SHALL BE OF HYSD (DWT) BARS CONFORMING TO IS-1786:1983.
 - KEEP HOLES IN ABUTMENT & RCC RETAINING WALL SHALL BE PROVIDED AS PER IRC-78 ALONG WITH DETAILS GIVEN IN DETAILED DRG.

REFERENCES:-

DRAWING NO. TITLE

REV. NO.	DATE	DESCRIPTION
R6	11-12-12	MODIFIED WITH ABUTMENT WITH PILE FOUNDATION & APPROACH, RETAININGWALL ON PILE FOUNDATION
R5	06-12-12	12.50m SPAN MADE CONTINUOUS
R4	12-07-12	SLOPE MODIFIED TO 1:28 FROM 1:30 TO MAINTAIN LENGTH OF BRIDGE WITH APPROACH AFTER REV-R3
R3	22-06-12	MODIFIED AS PER SMC LETTER NO. BRIDGE CELL/580 ON DATED 21-06-12 AS PER INSTRUCTIONS OF CLIENT.
R2	13-04-12	LAYOUT OF SUPER STR. MODIFIED WITH SPACE FOR PRESTRESSING.
R1	21-11-11	APPROACH SPANS REVISED WITH PSC SOLID SLAB IN PLACE OF GIRDER AS PER INSTRUCTION OF CLIENT

EXECUTIVE ENGINEER
SURAT MUNI. CORP.
SURAT

CONSULTANTS

PROJECT :
CONSTRUCTION OF FLYOVER BRIDGE AT BHATAR CHAR RASTA, EVERSHERE CIRCLE JUNCTION ON UDHANA-MAGDALLA ROAD, SURAT.

CLIENTS :
THE MUNICIPAL COMMISSIONER, SURAT MUNICIPAL CORPORATION, MUGLISARA, SURAT - 390005

CONSULTANTS :
PANKAJ PATEL & ASSOCIATES
303, CHIKRAVARTY COMPLEX, OPP. KRAN PARK CIRCLE, NAVI WADI, AHMEDABAD-380013
PH/FAK : 079-27641575, 27640428
E-mail : ppat_99@yahoo.co.in, ppat99@gmail.com

TITLE :
GENERAL ARRANGEMENT DRAWING (BRIDGE PORTION)

DRAWN BY : NILESH	DRG. NO.	REVISION
CHECKED BY : PANKAJ PATEL	BHATAR CIRCLE	R6
DATE : 19-10-2011	03	