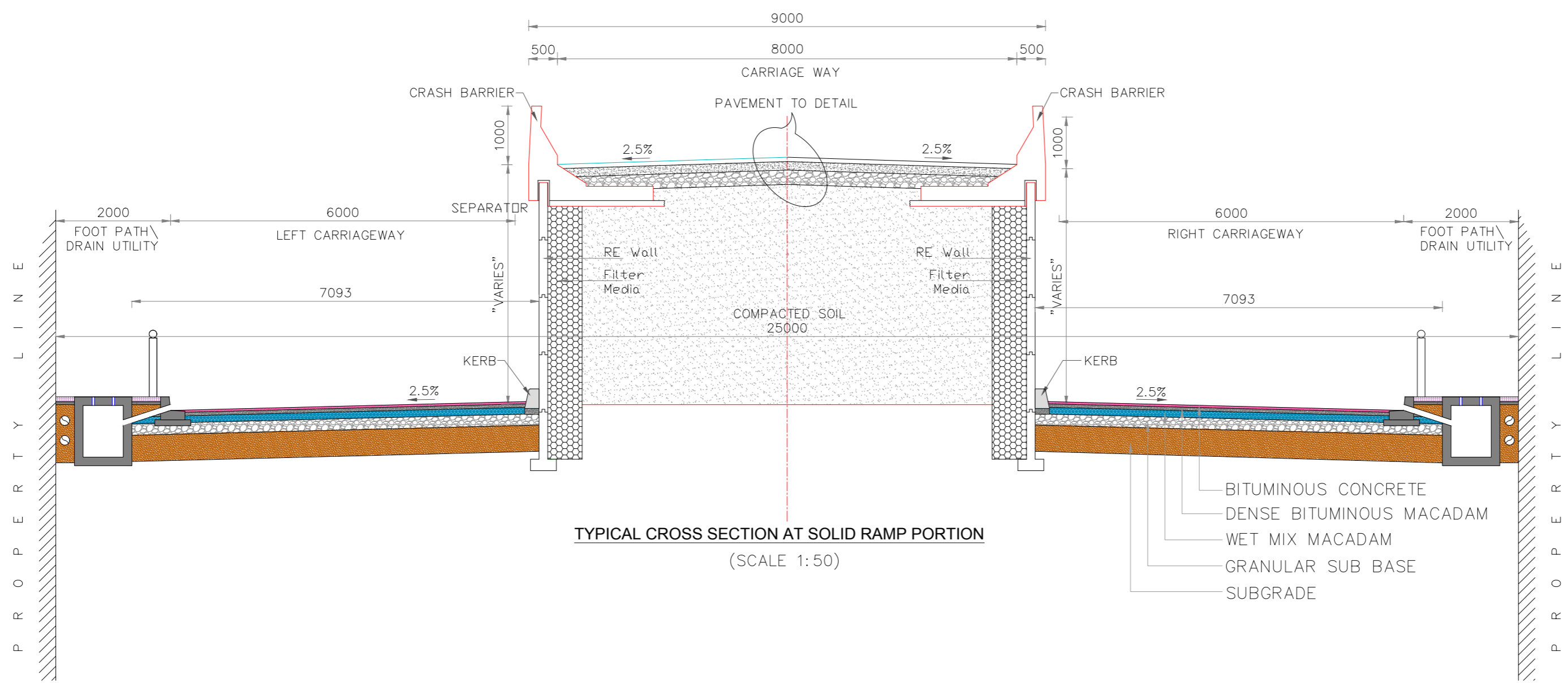


TYPICAL ROAD CROSS SECTION AT PIER LOCATION
(SCALE 1:50)



TYPICAL CROSS SECTION AT SOLID RAMP PORTION
(SCALE 1:50)

- GENERAL NOTES**
- ALL DIMENSIONS ARE IN MILLIMETER UNLESS SPECIFIED.
 - MATERIALS SPECIFICATION AND WORK SPECIFICATIONS SHALL BE IN ACCORDANCE WITH MORTH FOR ROAD AND BRIDGE WORK - CONSTRUCTION UNLESS OTHERWISE SPECIFIED.
 - FOLLOWING SPECIFICATIONS OF MORTAR SHALL BE FOLLOWED FOR MORTAR AND CONSTRUCTION FOR DIFFERENT PAVEMENT LAYERS SELECTION
 - SUBGRADE : CLAUSE 305
 - GRANULAR SUB-BASE (GSB) : CLAUSE 401
 - WET MIX MACADAM (WMM) : CLAUSE 406
 - DENSE BITUMINOUS MACADAM (DBM) : CLAUSE 505
 - BITUMINOUS CONCRETE (BC) : CLAUSE 507
 - COMPACTION REQUIREMENTS (% OF DRY DENSITY) MODIFIED PROCTOR FOR EARTHWORKS SHALL BE AS FOLLOWS:
 - SUBGRADE : 97%
 - EARTHEN SHOULDER & MEDIAN : 97%
 - COMPACTED SUBGRADE SHALL HAVE EFFECTIVE CBR VALUE OF 100(MIN.) AND COMPACTED SUB-BASE SHALL HAVE A CBR VALUE OF 300(MIN.)
 - IF THE DIFFERENCE BETWEEN THE NATURAL GROUND AND FINISHED ROAD LEVEL IS LESS THAN 50MM, THEN THE GROUND SHALL BE LOOSEND AND RECOMPACTED TO ACHIEVE 97% OF DRY DENSITY. ENSURE THE CBR OF EXISTING SUBGRADE MATERIAL IS RESULTING AN EFFECTIVE CBR OF 9-10%
 - UNSUITABLE MATERIAL / SOIL ENCOUNTERED DURING PAVEMENT FORMATION SHALL BE REMOVED AND REFILLED WITH SELECT FILL MATERIAL AND COMPACTED IN LAYERS.
 - FINISHED ROAD LEVEL (FRL) IS MEASURED ON CENTRAL CROWN OF THE CARRIAGEWAY.
 - DIMENSIONS ARE NOT TO BE SCALED AND ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.
 - MEDIAN FILL SHALL BE UP TO 25MM BELOW THE TOP OF THE KERB. REF: IRC:SP-30-1999
 - FOR GRANULAR SUB-BASE THE MATERIAL TO BE USED SHOULD BE CLOSED GRADED FOR THE TOP LAYER AND COARSE GRADED FOR BOTTOM LAYER.
 - CHUTES SHOULD TO BE PROVIDED AT EVERY 10m INTERVAL WHERE EMBANKMENT HEIGHT IS GREATER THAN 3m
 - CHUTES WITH ENERGY DISSIPATION BASIN SHALL BE PROVIDED AT EVERY 10m INTERVAL WHERE THE EMBANKMENT HEIGHT IS MORE THAN 6m.
 - CHECK FOR ALL THE DETAILS INDICATED ABOVE FOR THIS PROJECT
 - SERVICE ROAD TYPE 1 (CH-0+300, CH-0+590, CH-1+220, TO CH-1+360)
 - SERVICE ROAD TYPE 2 (CH-0+590 TO CH-1+220)
 - SOLID RAMP (CH-0+300, TO CH-0+590, CH-1+220 TO CH-1+360)

1	For Approval (Final DPR)	10.06.19	SHS	RBG	VSM/ADS	NR
0	For Draft DPR	21.03.19	SBN	RBG	VSM/ADS	NR
Rev.	Description.	Date.	Drw.	Dsg.	Chk.	App.

CLIENT
Roads and Bridges Development Corporation of Kerala Ltd.(RBDCK)
 (A Government of Kerala undertaking)
 2nd Floor, Preethi Building, M.V.Road, Palarivattom, Kochi-682025
 Ph: (484) 2338205, 2338206, Fax: (91-484) 2533294
 Email: rbdckltd@gmail.com, www.rbdck.com

CONSULTANT
E I Technologies Pvt. Ltd.
 # 1149, 26th Main, Jayanagar 4th "T" Block Bangalore-560 041, India.
 Ph:+91-80-40914714, Fax:+91-80-26650912
 info@itech.in • www.itech.in

PROJECT TITLE
CONSTRUCTION OF FLYOVER AT RAILWAY JUNCTION IN CHANGANACHERRY

DRAWING TITLE
TYPICAL CROSS SECTION FOR FLYOVER ALONG CHENGANASSERY BYPASS NEAR RAILWAY JUNCTION

Date	Drw.	Dsg.	Chk.	App.	Scale	Drawing Status
10.06.2019	SHS	RBG	VSM/ADS	NR	AS SHOWN	For Approval
Project No.	Drawing No.	Sheet No.	Sheet No.	Rev.		
1309X	EIT-1309X-HWE-CS-TCS-A001	01 of 01	0			