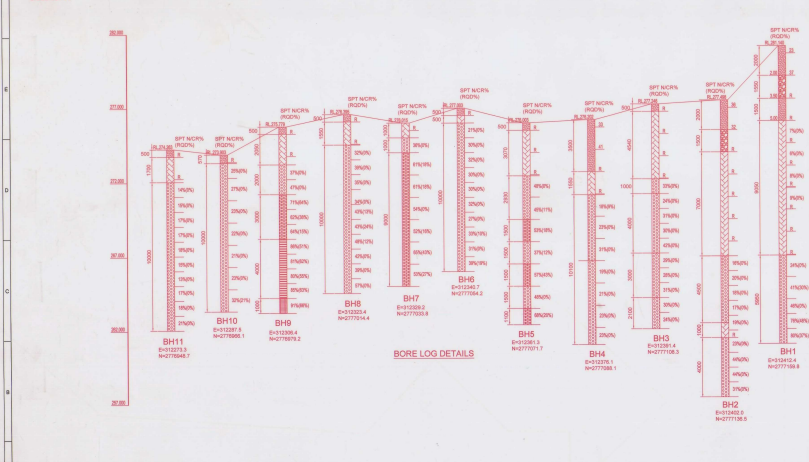


- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETERS. LEVELS & CHANGES ARE IN METRES UNLESS MENTIONED.
 2. EXISTING WORKS ARE SHOWN IN BLACK, PROPOSED WORKS ARE SHOWN IN RED AND DISMANTLING WORKS ARE SHOWN IN DOTTED.
 3. EXISTING BRIDGE SHOULD BE PROTECTED DURING CONSTRUCTION OF THE PROPOSED BRIDGE.
 4. DURING THE COURSE OF CONSTRUCTION SAFETY & PROTECTION OF THE REMAINING TRAINS ON THE EXISTING TRACKS SHALL BE ENSURED BY THE ENGINEER INCHARGE.
 5. EXECUTION OF ANY WORK AFFECTING SAFETY OF EXISTING BRIDGES, TRACK OR RUNNING TRAINS SHALL BE CARRIED OUT WITH THE PRIOR WRITTEN PERMISSION OF THE COMPETENT RAILWAY AUTHORITY.
 6. IF REQUIRED, WORK SHALL BE CARRIED OUT THROUGH BRIDGES AND PROPOSED BRIDGE PIERNS IN THE DRAWING HAVE BEEN SPECIFIED RESTRICTION SHALL BE IMPROVED FOR REDUCTION OF THE WORK.
 7. ALL DETAILS LEVELS & DIMENSIONS OF EXISTING BRIDGES AND PROPOSED BRIDGE PIERNS IN THE DRAWING HAVE BEEN CHECKED & VERIFIED FROM THE RAIL RECORDS.
 8. STANDARD OF LOADS OF PROPOSED BRIDGE IS AS AT ALL LOADS.
 9. BEARING CAPACITY SHALL BE CHECKED AT SITE PRIOR TO THE EXECUTION.
 10. DETAIL STRUCTURAL DESIGN AND CONSTRUCTION DRAWING FOR THE PROPOSED BRIDGE WILL BE PREPARED BASED ON THE APPROVED DATA AND WILL BE SENT APPROVED FROM THE COMPETENT AUTHORITY BEFORE EXECUTION OF THE WORK.
 11. ONE BARRICADE WILL BE OBTAINED BEFORE STARTING OF THE WORK, IF REQUIRED AS PER CHAPTER 35 OF RFP.
 12. BRIDGE SHALL BE DESIGNED AS ACCORDANCE WITH THE PROVISIONS MENTIONED IN THE R.O.C. USE BRIDGE RULES, R.R. SUBSTRUCTURE & FOUNDATION CODE, IS 8111, I.C. 714 & OTHER RELEVANT CODES WITH THE RESPECTIVE LATEST CORRECTIVE & AMENDMENT.
 13. BRIDGE SHALL BE DESIGNED FOR TEMPORARY LOADS DURING CONSTRUCTION STAGE ALSO.
 14. BRIDGE SHALL BE DESIGNED FOR SEISMIC LOADS AS PER BRIDGE RULES FOR CODE 4.
 15. RIVER TRAINING WORKS, IF REQUIRED WILL BE CARRIED OUT WITH THE CONSENT OF THE ENGINEER.
 16. DIMENSIONS & WEIGHTS OF ALL MATERIALS SHALL BE PROVIDED AT PIERNS, P.S. & P.A.P.S.
 17. DIMENSIONS ARE NOT TO BE SCALE, ONLY WRITTEN OVERSIGHT SHALL BE FOLLOWED.
 18. EMBANKMENT DRAIN WILL BE PROVIDED **BASED ON SITE CONDITION**.

	EXISTING BRIDGE NO. 676 (37.76m AWAY)	PROPOSED BRIDGE NO. 676
CHANGING	2150.00M	2150.00M
RAIL LEVEL (M)	282.31	282.31
FOUNDATION LEVEL (M)	282.275	282.108
SPAN LENGTH (M)	17.22m + 2 x 1.85m	17.22m + 2 x 2.25m
SPAN LENGTH (M)	204.788	202.876
SPAN LENGTH (M)	17.22m + 2 x 1.85m	17.22m + 2 x 2.25m
FOUNDATION OF BRIDGE	M/S - 1557	202.275
H.F.L. (M)	282.74	282.728
CHANGING (M)	283.39	283.386
FOUNDATION LEVEL (M)	273.88	273.839
FREE BOARD AVAILABLE (M)	1000	1000
CLEARANCE REQUIRED (M)	1000	1000
CLEARANCE AVAILABLE (M)	2000	1028
LINEAR WATERWAY (M)	175.852	178.982
DISTANCE BETWEEN METERS AT A.A.	180.800	207.900
CD DISTANCE BETWEEN HIGHEST TRACK OF OLD & NEW BRIDGE (M)	180.800	207.900
SOIL BIRTH (M)	1.438 / 1.686	1.438 / 1.686



- LEGEND:**
- SILTY SAND
 - SILTY GRAVEL
 - GW GRADE V ROCK
 - MV GRADE IV GRANITE
 - MV GRADE IV MARBLE
 - MV GRADE II GRANITE
 - MV GRADE II GRANITE
 - FRESH GRADE I GRANITE

- ABBREVIATIONS:**
- F.L. FORMATION LEVEL
 - L.L. LOWER SOIL LEVEL
 - M.S.L. MEAN SOIL LEVEL
 - C.G.L. ORIGINAL GROUND LEVEL
 - S.P. SPILLWAY
 - P. FOOTING
 - C. CENTRE LINE
 - C.C. CENTER CHANGE
 - R.R. RAILWAY
 - N. NUMBER
 - T. TYPE
 - H.F.L. HIGH FLOOD LEVEL
 - M.S.L. MEAN SOIL LEVEL
 - F.P. FREE FILL
 - P.A. P.A.P.S.
 - P.F. FREE FILL (METALLOID DIVIDED BEARING END)

EMPLOYER: DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT: WESTERN DEDICATED FREIGHT CORRIDOR PACKAGE CT 1 P 1 CT 2 - REWARI TO IQBALGARH

GENERAL ARRANGEMENT DRAWING OF IMPORTANT BRIDGE IN BRIDGE NO. 676 (DFC NO. 676)

EXISTING BRIDGE OF SPAN (10 x 17.22 m) STEEL GIRDER + (2 x 1.85 m) ARCH
PROPOSED PSC GIRDER SPAN: (8 x 24.09 m + 2 x 2.25 m)

IR CH. - 1198-2-KM **DFCC CH. - 40-088-876 KM (SECTION 10)** **PROJECT**

BET. STN. (I) RILY-MOI - JWB **BET. STN. (DFCC) - KESHAV GANJ - BIROLIYA** **JOB NO. 03108**

CONTRACTOR: SOJIT-L&T CONSORTIUM

SCALE: 1:100

APPROVALS:

N.O.C. Original 26.11.15

DESIGNER: [Signature]

CHECKER: [Signature]

APPROVER: [Signature]

DATE: 26.11.15

DESIGNER: N.W.R.V.A.JAMER

CHECKER: N.W.R.V.A.JAMER

APPROVER: N.W.R.V.A.JAMER

DATE: 26.11.15

DESIGNER: XEN-IR DESIGN NWR-HQ-JP

CHECKER: DY. CEENR/PSD NWR-HQ-JP

APPROVER: NWR-HQ

DIV. DRG. NO.: DDM-AB/10/2015/2015/DFCC/2015

HD. DRG. NO.: CBE-AP/ B.4. JDR-000/PC

DRG. NO.: 2-16-16-073-001 - D

CASE NO: W/G/1/DFCC/L

SSC-006: [Signature]

NWR-DV: [Signature]

SSC-006: [Signature]

NWR-HQ: [Signature]

FEASIBILITY CHECKED AT SITE

DATE: 10.11.15

BY: [Signature]