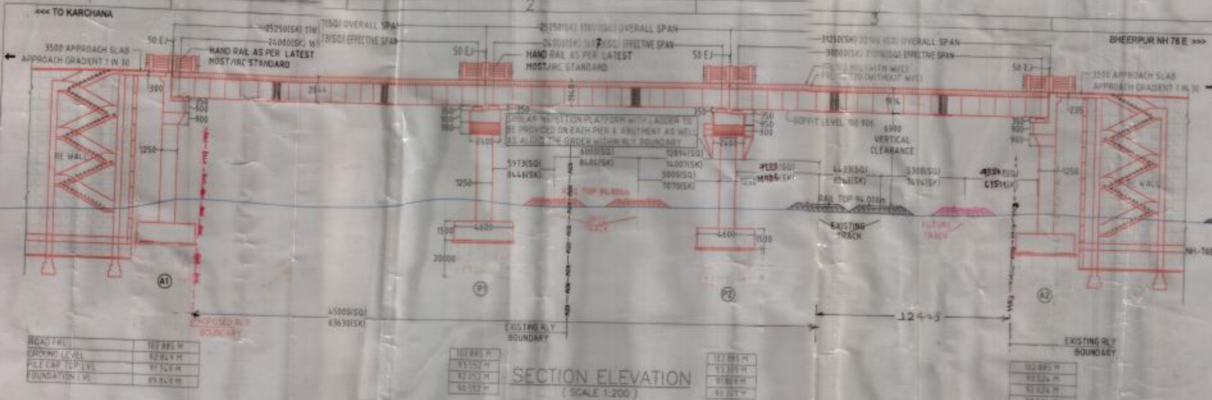

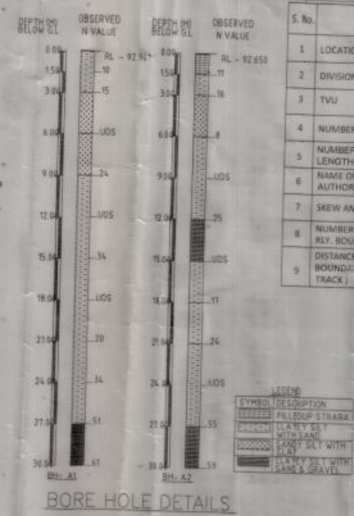

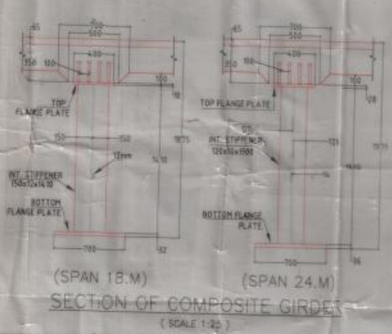

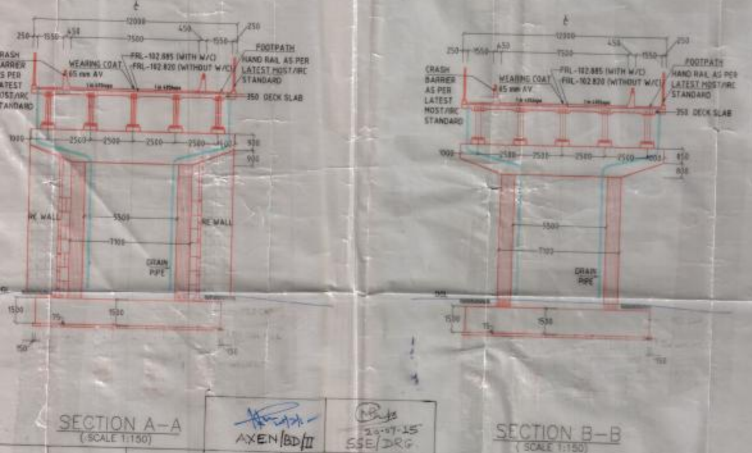

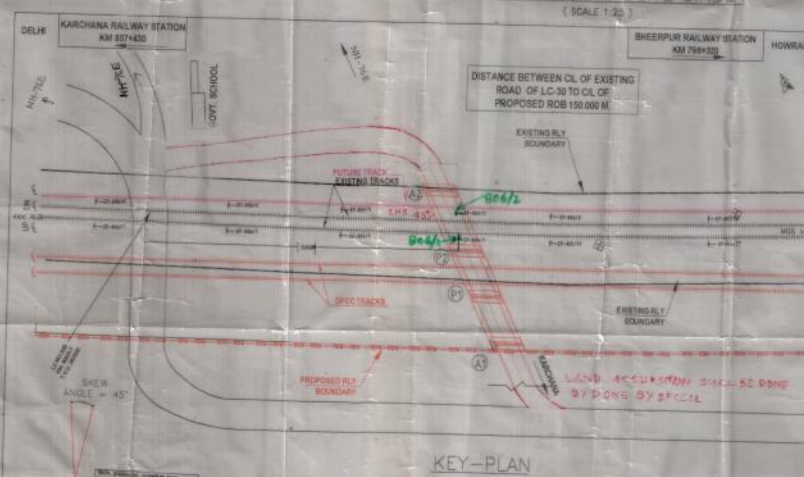

S. No.	SALIENT FEATURES OF ROB	
1	LOCATION OF ROB	LC NO. 30 AT KM 806/3-39 BETWEEN BHEERPUR- MEJA
2	DIVISION	ALLAHABAD
3	TVU	262500
4	NUMBER OF SPAN	3
5	NUMBER OF SPAN LENGTH OF SPAN	2X24+1x30M
6	NAME OF ROAD AUTHORITY	PWD
7	SKEW ANGLE	45°
8	NUMBER OF PIER INSIDE RLY. BOUNDARY	2
9	DISTANCE OF RAILWAY BOUNDARY (PROP. UP TRACK)	SOUTH END-45M NORTH END-17.1M

PINK BOOK ITEM NO :-103 (2014-15)

GENERAL NOTES ON GENERAL ARRANGEMENT DRAWING OF ROBs

1. ALL DIMENSIONS ARE IN MILLIMETERS AND LEVEL IN METERS UNLESS WRITTEN OTHERWISE
2. NO DIMENSIONS SHALL BE SCALED FROM THIS DRAWING. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
3. ACTUAL LOCATIONS OF ROB SHALL BE DECIDED BY ENGINEER - IN - CHARGE OF RAILWAY IN CONSULTATION WITH ROAD AUTHORITY AT THE TIME OF ITS CONSTRUCTION
4. THE STRUCTRAL DETAILS AND DIMENSIONS SHOWN IN THIS DRAWING ARE TENTATIVE AND ARE SUBJECT TO FINAL DESIGN AND DRAWING TO BE APPROVED BY THE RAILWAY
5. CRS SANCTION WILL BE OBTAINED BEFORE STARTING THE WORK IN RAILWAY SPAN
6. TYPE/DEPTH OF FOUNDATION IS TENTATIVE AND MAY BE ALTERED BY ENGINEER - IN CHARGE OF RAILWAY TO SUIT THE SOIL STRATA MET AT SITE
7. BRIDGE WHEN CONSTRUCTED BE CLEAR OF MOVING DIMENSIONS
8. GUARD RAIL SHALL BE PROVIDED IN THE TRACK ADJACENT TO PIERS AND ABUTMENTS AS PER STANDARD DRAWING
9. WIDTH OF ROADWAY HAS BEEN PROVIDED AS PER REQUIREMENT OF SPONSORING AGENCY
10. SINGLE SUMMIT CURVE SHALL BE PROVIDED AT THE APEX OF THE GRADIENT OF APPROACHES.
11. EACH 2 LANE UNIT OF ROB IS DESIGNED FOR 1 LANE OF IRC 70-R OR 2 LANE OF IRC CLASS-A LOADING, WHICH EVER GOVERNS.
12. CRASH BARRIERS SHALL BE PROVIDED AS PER LATEST TYPE DESIGN BY IRC.
13. DRAWING AND DESIGN OF APPROACH SLAB SHALL BE DECIDED BY SPONSORING AUTHORITY AS PER CLAUSE 217-3 OF IRC CODE
14. POT/PTFE BEARING SHALL BE PROVIDED
15. IN CASE BLASTING IS TO BE CARRIED OUT IN THE VICINITY OF RAILWAY LINE, NECESSARY PRECAUTIONS AND BLOCK SHALL BE OBSERVED AS PER PARA 1006 OF IR WORKS MANUAL
16. DRAWING ARRANGEMENTS IN RAILWAY PORTION SHALL BE PROVIDED [illegible] TRACK BELOW AS PER STANDARD DRAWING OF MOST.
17. SUITABLE JACKING POINTS SHALL BE PROVIDED FOR LIFTING COMPOSITE GIR. FOR INSPECTION/REPAIR OF BEARINGS.
18. CONTROLLED CEMENT CONCRETE MIX TO BE PROVIDED AND SHOULD NOT BE LEANER THAN PROVISIONS IN RAILWAY CONCRETE BRIDGE CODE.
19. 4 NOS. STAIRCASES SHOULD BE PROVIDED BEYOND RAILWAY BOUNDARY FOR THE USE OF PEDESTRIANS.
20. MOU TO BE DRAWN WITH TRAFFIC DEPT. FOR BLOCK AND CAUTIONS BEFORE STARTING THE WORK.

30 LAND ACQUISITION SHALL BE DONE BY DFCCIL.

METHODOLOGY OF WORKING

NCR/ENGG/PLAN NO - NCR/ENGG/ROB/GAD/66-2015

NOTE: THIS GAD IS IN LIEU OF NCR HQ DRG.NO. NCR/ENGG/GAD/ROB/82 OF SHEET 1

SL.NO	REVISIONS	DATE	SIGNATURE
R2			
R1			

HEAD QTR. PLAN NO.

NORTH CENTRAL RAILWAY
ALLAHABAD DIVISION

CONSTRUCTION OF TWO LANE ROB IN LIEU OF LEVEL X-ING NO.30, AT KM. 806/38 806/39, CLEAR SPAN 2X24000mm+1x30000 AT KARCHANA RAILWAY STATION BETWEEN BHEERPUR AND KARCHANA ON ALD-MGS SECTION ON COST SHARING BASIS WITH PWD UP.

PROFILE SKETCH

SCALE - AS SHOWN

DRAWN BY:

RAJESH KUMAR SRIVASTAVA

DY CE/BR	CSE/EAST	DRM	SR.DOM	SR.DEE/TRD	SR.DEN/CO	SR.DEN/I	C.P.M./ALD(E)	Dy.C.P.M./ENGG	P.M./ENGG	A.P.M./ENGG	A.P.M./S&T	A.P.M./Elect.	PM/UP State	C.P.M./UP State
NCR H.Q.		DIVISIONAL					DFCCIL					STATE AUTHORITIES		

AXEN/BD/II SSE/DRG

CSE/ALD/DI/ALD ADSTE/I/ALD