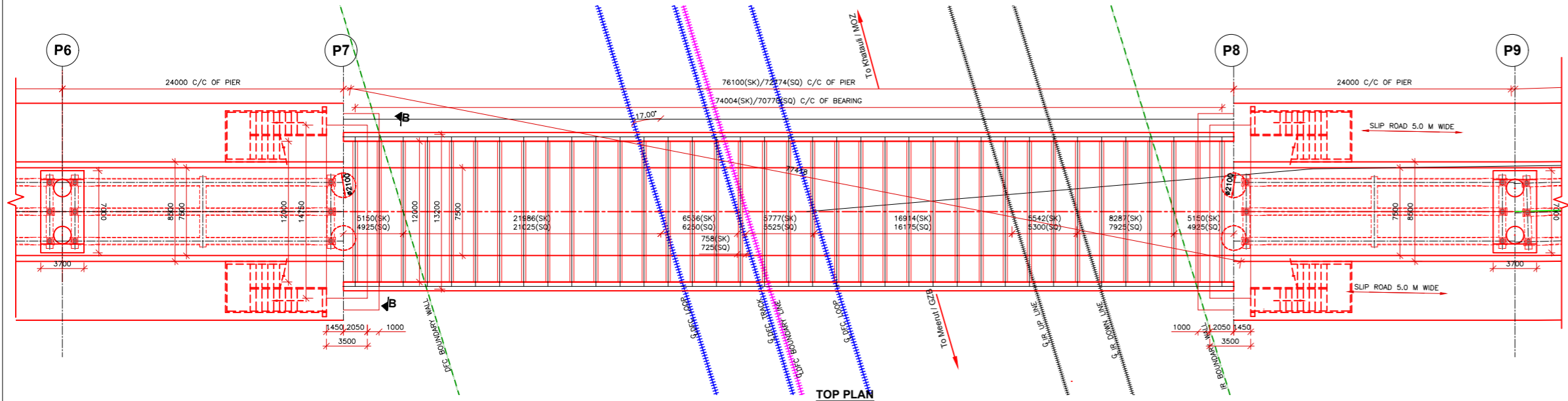
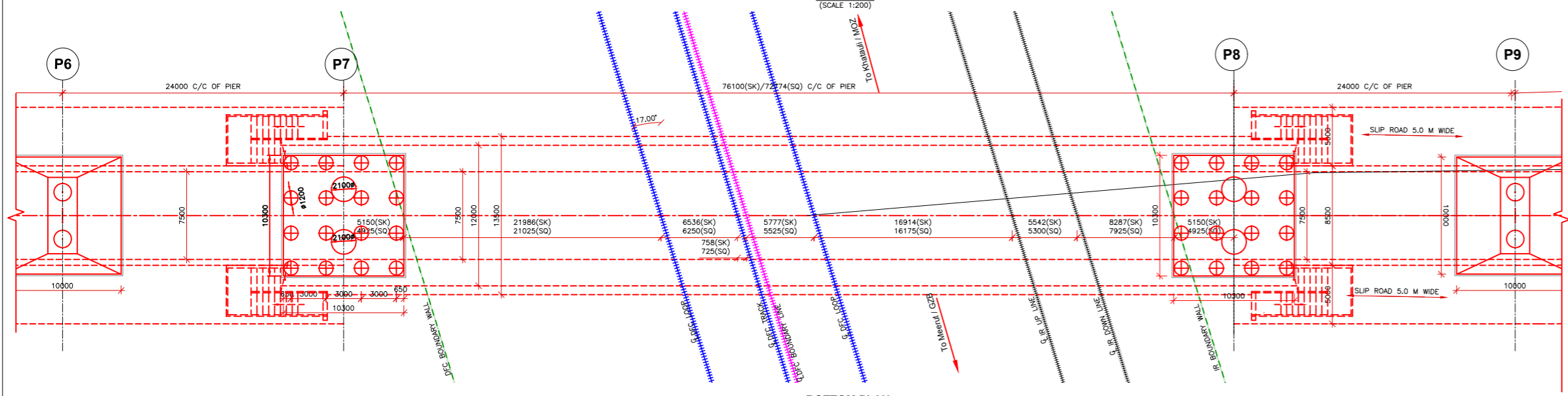


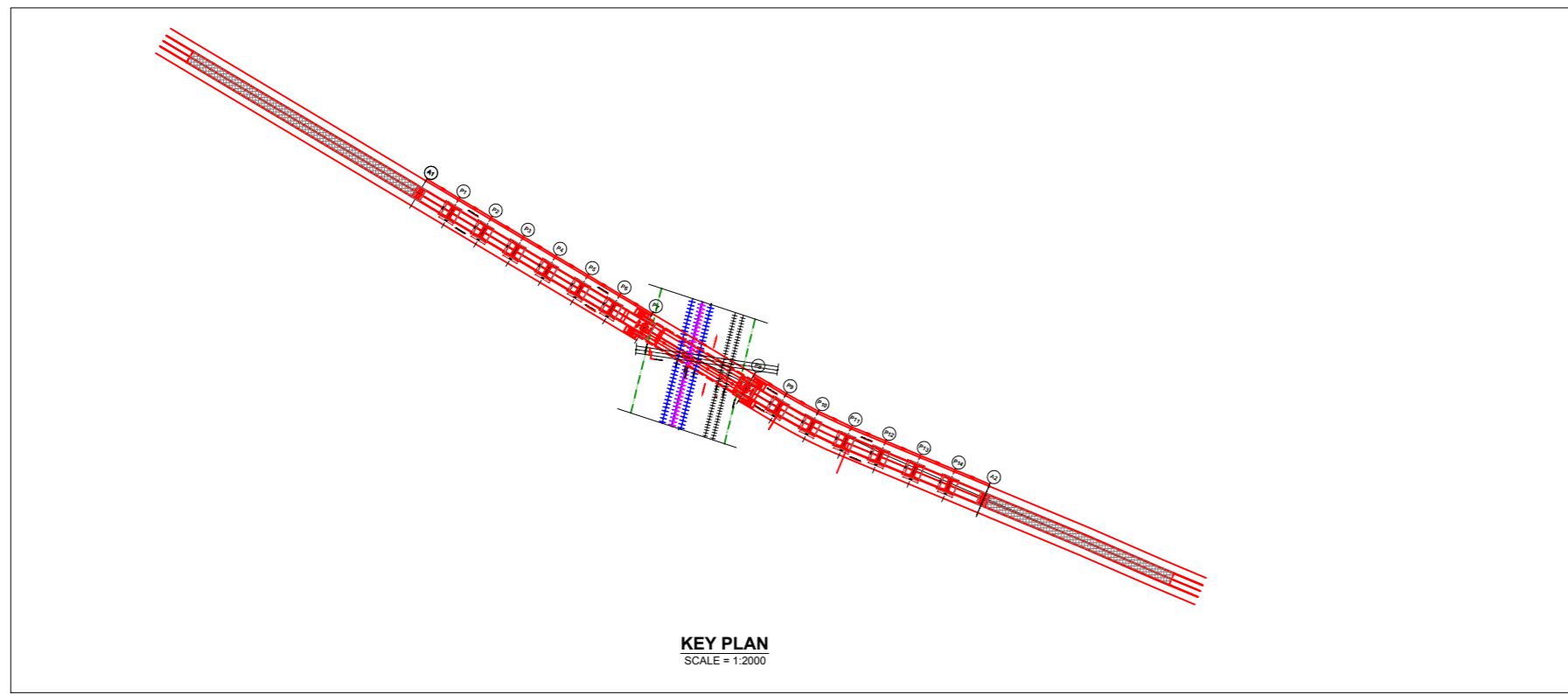
SECTIONAL ELEVATION
(SECTION AT A-S)
(SCALE 1:200)



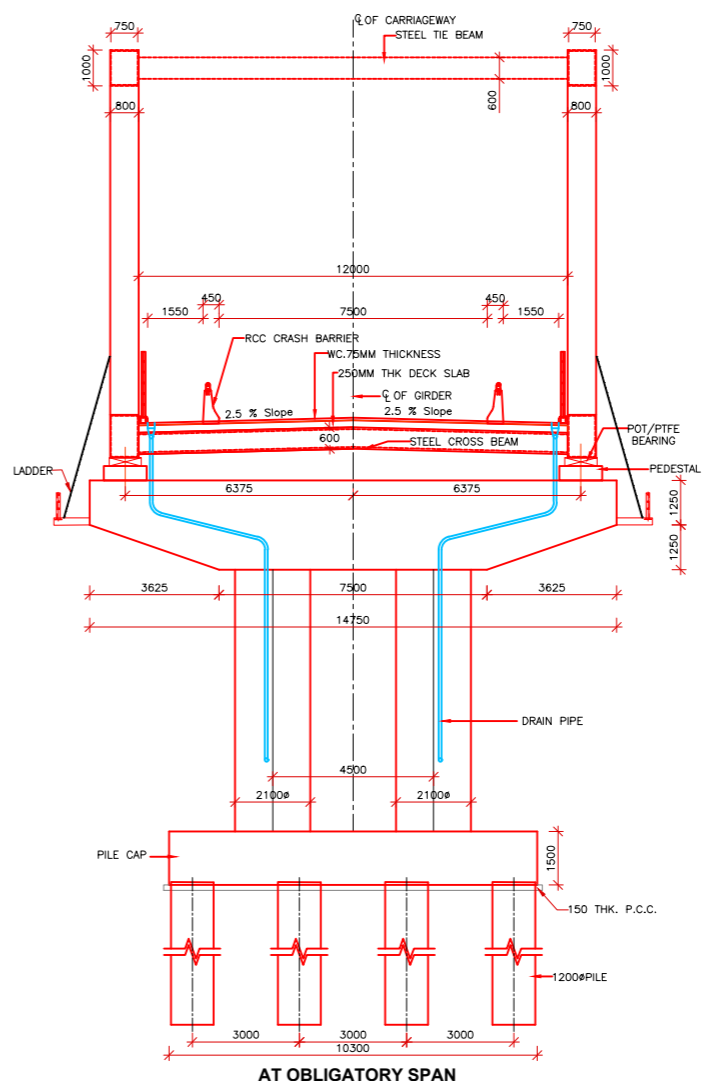
TOP PLAN
(SCALE 1:200)



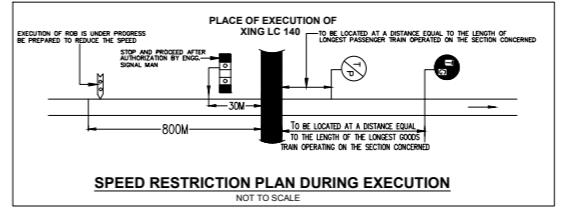
BOTTOM PLAN
(SCALE 1:200)



KEY PLAN
(SCALE 1:2000)



AT OBLIGATORY SPAN
(SECTION AT B-B)
(SCALE 1:100)



SPEED RESTRICTION PLAN DURING EXECUTION
(SCALE 1:1000)

GENERAL NOTES:-

- ALL DIMENSIONS ARE IN MILLIMETERS AND LEVEL IN METERS EXCEPT WHERE OTHERWISE STATED.
- NO DIMENSIONS SHALL BE SCALED FROM THIS DRAWING. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
- ACTUAL LOCATION OF ROB SHALL BE DECIDED BY ENGINEER-IN-CHARGE OF RAILWAY IN CONSULTATION WITH ROAD AUTHORITY AT THE TIME OF ITS CONSTRUCTION.
- THE STRUCTURAL DETAILS AND DIMENSIONS SHOWN IN THIS DRAWING TO BE APPROVED BY THE COMPETENT AUTHORITY.
- CRS SANCTION WILL BE OBTAINED BEFORE STARTING THE WORK IN RAILWAY SPAN.
- TYPE/DEPTH OF FOUNDATION IS TENTATIVE AND MAY BE ALTERED BY ENGINEER-IN-CHARGE TO SUIT THE SOIL STRATA MET AT SITE.
- PILES SHALL BE LOAD TESTED BEFORE CASTING OF MAIN PILE AS PER RELEVANT IRC/RAILWAY CODE.
- BRIDGE WHEN CONSTRUCTED BE CLEAR OF MOVING DIMENSIONS. MINIMUM VERTICAL CLEARANCE AS PER IRC AND EPIC 500 TO BE PROVIDED. HORIZONTAL CLEARANCE AT RAIL LEVEL OF ABUTMENT AND PIERS FROM THE NEAREST CENTER LINE OF TRACK SHALL BE MINIMUM 4.35M AND 3.55M RESPECTIVELY.
- GUARD RAIL SHALL BE PROVIDED IN THE TRACK ADJACENT TO PIERS AND ABUTMENTS AS PER STANDING DRAWING.
- WIDTH OF ROADWAY HAS BEEN PROVIDED AS PER REQUIREMENT OF STATE GOVT.
- SINGLE SHAMIT CURVE SHALL BE PROVIDED AT THE APPEX OF THE GRADIENT OF APPROACHES BY ROAD AUTHORITY.
- 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.
- CRASH BARRIERS SHALL BE PROVIDED AS PER LATEST DESIGN BY IRC.
- DRAWING AND DESIGN OF APPROACH SLAB SHALL BE DECIDED BY ROAD AUTHORITY AS PER CLAUSE 217-3 OF IRC CODE.
- FOOTPATH ON THE DECK SLAB SHOULD BE PROVIDED ON BOTH SIDES AS PER RDSO.
- POT/PIT BEARING SHALL BE PROVIDED. (PL CHECK WITH DESIGNER, WHAT TYPE OF BEARING WE ARE USING IN REVERSED CAD).
- 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.
- DRAINAGE ARRANGEMENTS IN RAILWAY PORTION SHALL BE PROVIDED.
- SUITABLE JACKING POINTS SHALL BE PROVIDED FOR LIFTING GIRDERS FOR INSPECTION/REPAIR OF BEARINGS.
- CONTROLLED CEMENT CONCRETE MIX TO BE PROVIDED AND SHOULD NOT BE LEANER THAN PROVISIONS IN RAILWAY CONCRETE BRIDGE CODE.
- LEVEL CROSSING SHOULD BE CLOSED SIMULTANEOUSLY WITH THE COMMISSIONING OF ROB.
- LHS/FSB IS NOT REQUIRED ON ENFORCING CLOSURE OF THE LEVEL CROSSING GATE.
- STAIRCASES SHOULD BE PROVIDED WITH RAILWAY PORTION FOR THE USE OF PEDESTRIANS.
- REQUIRED TRAFFIC BLOCK AND CAUTION WILL BE PROVIDED BY NCR.
- INSPECTION LADDERS FROM ROAD TO PIER TOP AND INSPECTION PLATFORMS IN THE PIER SHALL BE INCORPORATED IN THE STRUCTURAL DRAWING TO ENSURE PROPER INSPECTION ACCESSIBILITY.
- PROTECTION SCREEN ON THE ROB SHOULD BE PER LATEST RDSO DRAWING NO. ETC/C/008A/1 FROM THE INSIDE OF CRASH BARRIER/RAILING.
- DURING EXECUTION BARRICADING SHALL BE PROVIDED AS PER PCE/NCR LETTER NO. 524-W/1/NCR/PT-X DT. 1-10-13.
- PROTECTION SCREEN SHALL BE PROVIDED ON ROB WIDE RDSO LETTER NO. 11/07/MS/08-07-2000 CIRCULATED BY CEE/NCR LETTER NO. E/L/TRD/NCR/OHE RELIABILITY DT. 19-09-2011 FROM RDSO ONLY.
- NECESSARY MODIFICATION IN ONE TO BE DONE BEFORE COMMISSIONING OF ROB. TRD WORK UNDER ROB SHALL BE AS PER ACTUAL.
- EARTHING ARRANGEMENT SHOULD BE PROVIDED AS PER RELEVANT STANDARDS.
- SIGNAL AND TELECOM CABLES SHOULD BE SHIFTED BEFORE COMMENCEMENT OF THE WORK OF OPEN LINE.
- THE EXCAVATION WORK AT SITE SHOULD BE EXECUTED IN THE PRESENCE OF S&T SUPERVISOR OF OPEN LINE.
- SPAN ARRANGEMENT AND LAYOUT HAS BEEN TAKEN AS PER SITE REQUIREMENT.
- ADDITIONAL RUB/FSB ARE NOT REQUIRED FOR CLOSING LC GATE.
- FOR DETAILS OF SUPER STRUCTURE OF RAILWAY SPAN OF 72.00 M BOW STRING GIRDER REFER RDSO'S DRG RDSO/B-10412/1/R.
- THE ARRANGEMENT FOR PROTECTION OF WORKSITE MUST BE DONE AS PER PROVISIONS OF PRR/RAILWAY BOARD INSTRUCTIONS & PCE CIRCULAR NO.103 WILL BE STRICTLY FOLLOWED. THERE SHOULD BE NO INCONSISTENCY IN STIPULATIONS.
- THERE IS NO REFERENCE TO RDSO.
- EXISTING DETAIL SHOWN IN THE PLAN HAVE BEEN CHECKED AT SITE AND FOUND CORRECT.
- FEASIBILITY OF PROPOSED WORK HAS BEEN CHECKED AND WORK IS FEASIBLE FOR EXECUTION.
- TRAFFIC & POWER BLOCK A HRS OF 45 MINUTES WILL BE REQUIRED FOR GIRDER LAUNCHING.
- HIGH CONTAINMENT CRASH BARRIER BETWEEN CARRIAGEWAY AND FOOTPATH SHOULD BE PROVIDED.
- RAILWAY BOUNDARY HAS BEEN VERIFIED WITH LAND PLAN. DIMENSIONS SHOWN IN DRAWING HAS BEEN VERIFIED AT SITE.

METHODOLOGY OF WORKING:

- MODELS OPERATIONAL METHODOLOGY CONSTRUCTION ACTIVITY, SAFETY PRECAUTIONS AND MEASURES TO BE OBSERVED DURING CONSTRUCTION OF ROB SHOULD BE IN ACCORDANCE WITH RAILWAY BOARD LETTER NO. 97/CE-1/08/158/A/09(DRUG) Pt. II DATED: 16-07-09
- FABRICATED STEEL GIRDER SHALL BE LAUNCHED FIRST AND THEN RCC DECK SLAB WILL BE CASTED IN SITU AFTER PROVIDING TEMP. ARRANGEMENT.
- DETAILED LAUNCHING SCHEME WILL BE PREPARED AND SUBMITTED TO NCR FOR APPROVAL. LAUNCHING OF GIRDERS OVER RUNNING RAILWAY TRACK WILL BE DONE AS PER APPROVED LAUNCHING SCHEME.
- CASTING/FABRICATING OF GIRDERS AND SLAB WILL BE EXECUTED UNDER SPEED RESTRICTION OF 30 KMPH.
- THE WORK UNDER TRAFFIC BLOCK SHALL BE CARRIED OUT UNDER THE PROVISION OF BANNER FLAG AND PROTECTION OF ENGS. FLAGMEN.

REV.	DATED	DESCRIPTION
REVISIONS		
ALLAHABAD DIVISION (N.C.RLY)		
PROPOSED TWO LANE ROB		
IN LIEU OF L-XING NO. 43/C AT RLY		
KM 97/13-14		
ON MEERUT CITY -SAHARANPUR SECTION NEAR		
KHATUALI RAILWAY STATION		
GENERAL ARRANGEMENT DRAWING		
(SKEW ANGLE AT - 17.00°)		
(RAILWAY PORTION-BOW STRING GIRDER-1X72.0M)		
SSE/DER/PW	ADSTE/ALIN	DEN/ALIN
CSTE/CONST./NCR	DY.CSTE/CONST./NCR	AXEN/SD/II
		SSE/OHE/KRI
		ADEE/TRB/ALG
		SSE/DRG
		DEE/TRD
		SSE/S&T
		GDM/DFC/MTC
		DY.CPM/EL/DFC/MTC
		PM/S&T/DFC/MTC
		PM/Engg/DFC/NOIDA-EC
		APM/ROB/DFC/MTC
		DY.PM/CIVL/DFC/NOIDA-EC
		DY.PM/EL/DFC/MTC
		DY.PM/S&T/DFC/NOIDA-EC
		(NEELAM CHAUHAN)
		(MUKESH KUMAR)
		(MD. NOMAN)
		(S.K. SINGH)
		(D.S. NEGI)
		AGM/D
		RITES LTD.

CBE/NCR	DY.CE/BR.	CTPM	CEDE	CSTE/P	DRM	SR.DOM	SR.DEE/TRD	SR.DSTE	SR.DEN/CO	SR.DEN/V	STATE AUTHORITIES	GDM/DFC/MTC	DY.CPM/EL/DFC/MTC	PM/S&T/DFC/MTC	PM/Engg/DFC/NOIDA-EC	APM/ROB/DFC/MTC	DY.PM/CIVL/DFC/NOIDA-EC	DY.PM/EL/DFC/MTC	DY.PM/S&T/DFC/NOIDA-EC	(NEELAM CHAUHAN)	(MUKESH KUMAR)	(MD. NOMAN)	(S.K. SINGH)	(D.S. NEGI)	AGM/D	RITES LTD.
NCR H.Q.												DIVISIONAL OFFICERS					DFCCIL									