

GENERAL NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS IN METERS EXCEPT WHERE OTHERWISE STATED.
2. NO DIMENSIONS SHALL BE SCALED FROM THIS DRAWING, ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
3. ACTUAL LOCATION OF ROBI SHALL BE DECIDED BY ENGINEER-IN-CHARGE OF RAILWAY IN CONSULTATION WITH ROAD AUTHORITY AT THE TIME OF ITS CONSTRUCTION.
4. THE STRUCTURAL DETAILS AND DIMENSIONS SHOWN IN THIS DRAWING TO BE APPROVED BY THE COMPETENT AUTHORITY.
5. CRIS SANCTION WILL BE OBTAINED BEFORE STARTING THE WORK IN RAILWAY SPAN.
6. THE EXISTING ROAD CROSSING AND EXISTING TRACKING MAY BE ALTERED BY ENGINEER-IN-CHARGE TO SUIT THE SOIL STRATA MIT AT SITE AFTER APPROVAL OF COMPETENT AUTHORITY.
7. FILLS SHALL BE LAID TESTED BEFORE CASTING OF MAIN FILE AS PER RELEVANT RCI/RAILWAY SPECIFICATION.
8. BRIDGE WHEN CONSTRUCTED BE CLEAR OF MOVING DIMENSIONS MIN VERTICAL CLEARANCE AS PER RCI/RAILWAY SPECIFICATION. MINIMUM VERTICAL CLEARANCE AT WALL LEVELS OF ABUTMENT AND PIERS FROM THE NEAREST CENTER LINE OF TRACKS SHALL BE MINIMUM 4.30M AND 5.50M.
9. GUARD RAIL SHALL BE PROVIDED IN THE TRACK ADJACENT TO PIERS AND ABUTMENTS AS PER STANDARD DRAWING.
10. WIDTH OF FISHBONE SHALL BE PROVIDED AS PER REQUIREMENT OF STATE GOVT.
11. SINGLE SUNKEN CURVE SHALL BE PROVIDED AT THE apex OF THE GRADIENT OF APPROACHES BY ROAD AUTHORITY.
12. LATCH 1:500 UNIT OF ROB IS DESIGNED FOR 1-ANKE OF PROTO-R OR 2-ANKE OF IRC CLASS A LOADING, WHEN EVER COVERS.
13. CRASH BARRIERS SHALL BE PROVIDED AS PER LATEST DESIGN BY IRC.
14. DRAWING AND DESIGN OF APPROACH SHALL BE DECIDED BY ROAD AUTHORITY AS PER CLAUSE 217-3 OF RCI CODE.
15. FOOTPATH ON THE DECK SHALL BE PROVIDED ON BOTH SIDES AS PER REQD.
16. POTT-PUFF HEARING SHALL BE PROVIDED.
17. IN CASE BLASTING IS TO BE CARRIED OUT IN THE VICINITY OF RAILWAY LINE, NECESSARY PRECAUTIONS AND MEASURES SHALL BE TAKEN SAFELY WITH THE COMMISSION OF ROAD. DRAINAGE ARRANGEMENTS IN RAILWAY PORTION SHALL BE PROVIDED.
18. SUITABLE JACKING POINTS SHALL BE PROVIDED FOR LIFTING GIRDERS FOR INSPECTION/REPAIR OF GIRDERS.
19. CONTROLLED CEMENT CONCRETE MIX TO BE PROVIDED AND SHOULD NOT BE LESSER THAN PROVISIONS IN RAILWAY CONSTRUCTION BRIDGE CODE.
20. ALL CROSSING SHOULD BE DONE SAFELY WITH THE COMMISSION OF ROAD.
21. LHS/FOH IS NOT REQUIRED ON ENFORCED CLOSURE OF THE LEVEL CROSSING DATE.
22. STAIRCASES SHOULD BE PROVIDED IN RAILWAY PORTION FOR USE OF PEDESTRIANS.
23. UNLIT TRAFFIC SIGNALS SHALL BE PROVIDED IN RAILWAY PORTION FROM INSIDE.
24. INSPECTION LADDERS FROM ROAD TO PIER TOP AND INSPECTION PLATFORMS IN THE PIER SHALL BE INCORPORATED IN THE STRUCTURAL DRAWING TO INSURE PROPER INSPECTION ACCESSIBILITY.
25. ROAD AND RAILWAY SIGN SHALL BE PROVIDED AS PER RCI/RAILWAY SPECIFICATION FROM INSIDE. ONLY AS PER R.P.D.S. DRG. ENT/1/6660
26. DRAWING FOR EXISTING ROAD CROSSING IS BE PROVIDED AS PER RCI/RAILWAY LETTER NO. 324-W/1/NGR/PT-1, D. 1-10-13.
27. PROTECTION SCREEN SHALL BE PROVIDED FOR ROAD VIDE ROAD LETTER NO. 120/CM/18-07-07-2011 FOR ROAD CROSSING ONLY. RCI/RAILWAY LETTER NO. 15/176/NGR/HC/10/12, 19-03-2011 FOR PROVIDED.
28. ROAD LIGHT MICROPROFILING SHALL BE DONE FOR VEHICLE COMMISSIONING OF ROAD. TWO WORK UNDER ROAD SHALL BE AS PER ACT.
29. EXISTING ARRANGEMENTS SHALL BE PROVIDED AS PER RELEVANT STANDARDS.
30. SIGNAL AND TELECOM CABLES SHOULD BE SHIFTED BEFORE COMMISSIONING OF THE WORK.
31. THE EXCAVATION WORK AT SITE SHOULD BE EXECUTED IN THE PRESENCE OF SAT SUPERVISOR OF THE LINE.
32. SPAN ARRANGEMENT AND LAYOUT HAS BEEN TAKEN AS PER SITE REQUIREMENT.
33. ADDITIONAL R/FUT/BOB ARE NOT REQUIRED FOR CLOSING LD. ROAD.
34. ROADWAY IS NOT SUITABLE FOR CLOSING OF RAILWAY SPAN OF 60.0 M SW BONG STRONG REFER TO ROAD'S DRG RD/BOB-10411/71.

NOTES CONTD.

METHODOLOGY OF WORKING

1. MODUS OPERANDI/METHODOLOGY CONSTRUCTION ACTIVITY, SAFETY PRECAUTIONS AND MEASURES TO BE OBSERVED DURING CONSTRUCTION OF ROB SHOULD BE IN ACCORDANCE OF RAILWAY
2. LETTER NO. 15-1/VRB/130/1997/PTA, D DATED 16-07-03
3. FABRICATED STEEL GIRDER SHALL BE LAUNCHED FIRST AND THEN RCC DECK SLAB WILL BE CASTED IN SITU AFTER PROVIDING TEMP. ARRANGEMENT.
4. 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.
5. CASTING/FABRICATING OF GIRDERS AND SLAB WILL BE EXECUTED UNDER SPEED RESTRICTION OF 10 KM/H.
6. THE WORK UNDER TRAFFIC BLOCK SHALL BE CARRIED OUT UNDER THE PROVISION OF BANNER

FLAG AND PROTECTION OF ENSG. FLAGMEN.

NOTES CONTD:-

36. 132KV/MCR TRANSMISSION LINE TO BE MODIFIED AS PER REQUIREMENT.
37. SITE WORK WILL BE CARRIED OUT BY SGT/CONST/MCR.
38. THE ARRANGEMENT FOR PROTECTION OF WORK SITE MUST BE DONE AS PER PROVISION OF IRWM AND RAILWAY BOARD'S INSTRUCTION AND PCE CIRCULAR WILL BE STRICTLY FOLLOWED. THERE SHOULD BE NO INCONSISTENCY IN stipulations.
39. THERE IS NO INFRINGEMENT TO IRSD.
40. EXISTING DETAIL SHOWN IN THE PLAN HAVE BEEN CHECKED AT SITE AND FOUND CORRECT.
41. FEASIBILITY OF PROPOSED WORK HAS BEEN CHECKED AND WORK IS FEASIBLE FOR EXECUTION.
42. THE NO. & DURATION OF TRAFFIC BLOCK WILL BE AS PER APPROVED LAUNCHING SCHEME APPROVED FROM H.S.
43. HIGH CONTENTION CRASH BARRIER BETWEEN CARRIAGEWAY AND FOOTPATH SHOULD BE PROVIDED.
44. RAILWAY BOUNDARY HAS BEEN VERIFIED WITH THE LAND PLANS.
45. ALL DIMENSIONS SHOWN IN THE DRAWING HAVE BEEN VERIFIED IN THE FIELD.
46. SET OF UP SIDE INFRINGEMENT NEEDS TO BE SHIFTED BEFORE STARTING THE WORK.
47. FOUNDATION OF ROB HAS BEEN ADOPTED BASED ON SBC.

EXISTING LEVEL	205.508		205.442		205.575		204.838		205.078		205.253		205.396		205.258		204.892		205.464		204.937		205.641		205.390		205.193		205.117		205.199		205.430		204.936		205.894		205.181		204.998		204.779		204.932		205.009		205.693		206.641		205.789		205.677		206.102		205.223		205.477		205.498		205.065		205.024		205.166		205.793		205.651		205.477		205.817		205.003		205.242		205.481		205.654		205.484		205.050		205.000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
PROPOSED LEVEL	205.000		205.000		205.000		205.000		205.116		206.793		207.449		208.116		208.793		209.449		210.116		210.793		211.440		212.116		212.793		213.440		214.116		214.793		215.440		216.116		216.793		217.440		218.116		218.793		219.440		220.116		220.793		221.440		222.116		222.793		223.440		224.116		224.793		225.440		226.116		226.793		227.440		228.116		228.793		229.440		230.116		230.793		231.440		232.116		232.793		233.440		234.116		234.793		235.440		236.116		236.793		237.440		238.116		238.793		239.440		240.116		240.793		241.440		242.116		242.793		243.440		244.116		244.793		245.440		246.116		246.793		247.440		248.116		248.793		249.440		250.116		250.793		251.440		252.116		252.793		253.440		254.116		254.793		255.440		256.116		256.793		257.440		258.116		258.793		259.440		260.116		260.793		261.440		262.116		262.793		263.440		264.116		264.793		265.440		266.116		266.793		267.440		268.116		268.793		269.440		270.116		270.793		271.440		272.116		272.793		273.440		274.116		274.793		275.440		276.116		276.793		277.440		278.116		278.793		279.440		280.116		280.793		281.440		282.116		282.793		283.440		284.116		284.793		285.440		286.116		286.793		287.440		288.116		288.793		289.440		290.116		290.793		291.440		292.116		292.793		293.440		294.116		294.793		295.440		296.116		296.793		297.440		298.116		298.793		299.440		300.116		300.793		301.440		302.116		302.793		303.440		304.116		304.793		305.440		306.116		306.793		307.440		308.116		308.793		309.440		310.116		310.793		311.440		312.116		312.793		313.440		314.116		314.793		315.440		316.116		316.793		317.440		318.116		318.793		319.440		320.116		320.793		321.440		322.116		322.793		323.440		324.116		324.793		325.440		326.116		326.793		327.440		328.116		328.793		329.440		330.116		330.793		331.440		332.116		332.793		333.440		334.116		334.793		335.440		336.116		336.793		337.440		338.116		338.793		339.440		340.116		340.793		341.440		342.116		342.793		343.440		344.116		344.793		345.440		346.116		346.793		347.440		348.116		348.793		349.440		350.116		350.793		351.440		352.116		352.793		353.440		354.116		354.793		355.440		356.116		356.793		357.440		358.116		358.793		359.440		360.116		360.793		361.440		362.116		362.793		363.440		364.116		364.793		365.440		366.116		366.793		367.440		368.116		368.793		369.440		370.116		370.793		371.440		372.116		372.793		373.440		374.116		374.793		375.440		376.116		376.793		377.440		378.116		378.793		379.440		380.116		380.793		381.440		382.116		382.793		383.440		384.116		384.793		385.440		386.116		386.793		387.440		388.116		388.793		389.440		390.116		390.793		391.440		392.116		392.793		393.440		394.116		394.793		395.440		396.116		396.793		397.440		398.116		398.793		399.440		400.116		400.793		401.440		402.116		402.793		403.440		404.116		404.793		405.440		406.116		406.793		407.440		408.116		408.793		409.440		410.116		410.793		411.440		412.116		412.793		413.440		414.116		414.793		415.440		416.116		416.793		417.440		418.116		418.793		419.440		420.116		420.793		421.440		422.116		422.793		423.440		424.116		424.793		425.440		426.116		426.793		427.440		428.116		428.793		429.440		430.116		430.793		431.440		432.116		432.793		433.440		434.116		434.793		435.440		436.116		436.793		437.440		438.116		438.793		439.440		440.116		440.793		441.440		442.116		442.793		443.440		444.116		444.793		445.440		446.116		446.793		447.440		448.116		448.793		449.440		450.116		450.793		451.440		452.116		452.793		453.440		454.116		454.793		455.440		456.116		456.793		457.440		458.116		458.793		459.440		460.116		460.793		461.440		462.116		462.793		463.440		464.116		464.793		465.440		466.116		466.793		467.440		468.116		468.793		469.440		470.116		470.793		471.440		472.116		472.793		473.440		474.116		474.793		475.440		476.116		476.793		477.440		478.116		478.793		479.440		480.116		480.793		481.440		482.116		482.793		483.440		484.116		484.793		485.440		486.116		486.793		487.440		488.116		488.793		489.440		490.116		490.793		491.440		492.116		492.793		493.440		494.116		494.793		495.440		496.116		496.793		497.440		498.116		498.793		499.440		500.116		500.793		501.440		502.116		502.793		503.440		504.116		504.793		505.440		506.116		506.793		507.440		508.116		508.793		509.440		510.116		510.793		511.440		512.116		512.793		513.440		514.116		514.793		515.440		516.116		516.793		517.440		518.116		518.793		519.440		520.116		520.793		521.440		522.116		522.793		523.440		524.116		524.793		525.440		526.116		526.793		527.440		528.116		528.793		529.440		530.116		530.793		531.440		532.116		532.793		533.440		534.116		534.793		535.440		536.116		536.793		537.440		538.116		538.793		539.440		540.116		540.793		541.440		542.116		542.793		543.440		544.116		544.793		545.440		546.116		546.793		547.440		548.116		548.793		549.440		550.116		550.793		551.440		552.116		552.793		553.440		554.116		554.793		555.440		556.116		556.793		557.440		558.116		558.793		559.440		560.116		560.793		561.440		562.116		562.793		563.440		564.116		564.793		565.440		566.116		566.793		567.440		568.116		568.793		569.440		570.116		570.793		571.440		572.116		572.793		573.440		574.116		574.793		575.440		576.116		576.793		577.440		578.116		578.793		579.440		580.116		580.793		581.440		582.116		582.793		583.440		584.116		584.793		585.440		586.116		586.793		587.440		588.116		588.793		589.440		590.116		590.793		591.440		592.116		592.793		593.440		594.116		594.793		595.440		596.116		596.793		597.440		598.116		598.793		599.440		600.116		600.793		601.440		602.116		602.793		603.440		604.116		604.793		605.440		606.116		606.793		607.440		608.116		608.793		609.440		610.116		610.793		611.440		612.116		612.793		613.440		614.116		614.793		615.440		616.116		616.793		617.440		618.116		618.793		619.440		620.116		620.793		621.440		622.116		622.793		623.440		624.116		624.793		625.440		626.116		626.793		627.440		628.116		628.793		629.440		630.116		630.793		631.440		632.116		632.793		633.440		634.116		634.793		635.440		636.116		636.793		637.440		638.116		638.793		639.440		640.116		640.793		641.440		642.116		642.793		643.440		644.116		644.793		645.440		646.116		646.793		647.440		648.116		648.793		649.440		650.116		650.793		651.440		652.116		652.793		653.440		654.116		654.793		655.440		656.116		656.793		657.440		658.116		658.793		659.440		660.116		660.793		661.440		662.116		662.793		663.440		664.116		664.793		665.440		666.116		666.793		667.440		668.116		668.793		669.440		670.116		670.793		671.440		672.116		672.793		673.440		674.116		674.793		675.440		676.116		676.793		677.440		678.116		678.793		679.440		680.116		680.793		681.440		682.116		682.793		683.440		684.116		684.793		685.440		686.116		686.793		687.440		688.116		688.793		689.440		690.116		690.793		691.440		692.116		692.793		693.440		694.116		694.793		695.440		696.116		696.793		697.440		698.116		698.793		699.440		700.116		700.793		701.440		702.116		702.793		703.440		704.116		704.793		705.440		706.116		706.793		707.440		708.116		708.793		709.440		710.116		710.793		711.440		712.116		712.793		713.440		714.116		714.793		715.440		716.116		716.793		717.440		718.116		718.793		719.440		720.116		720.793		721.440	

FEASIBILITY HAS BEEN CHECKED AT SITE AND FOUND CORRECT



NCR/HQ/PLAN NO- NCR/ENGG/CAD/R08/126/2019

ALLAHABAD DIVISION (N.C.RLY)

**PROPOSED TWO LANE ROB
IN LIEU OF L-XING NO. 144 AT RLY**

KM 1409/1 - 1409/3AT (2X 62.0 m)
BETWEEN SECTOR MU II ROAD TO CHAMRAWALI
RAMGARH ROAD, RAILWAY STATION IN BORAKI HALT
TO AJAYABPUR ON SECTION KHURJA TO DADRI
OF EASTERN DEDICATED FRIGHT CORRIDOR
GENERAL ARRANGEMENT DRAWING

(SKEW ANGLE AT IR- 34.69°)
COST SHARING (RAILWAY PORTION) PB 274 OF 2018-19

	DRG. NO.	RITES/RI/RCED/DFC/ROB.144/GAD/ RAILWAY PORTION	
	SH. NO.	1 OF 4	

डेडीकेटेड फ्रेट कोरीडोर	DATE	OCTOBER, 2018
	REV	R1

[illegible]

1. Wiederholung

	(MD. NOMAN) MANAGER/D	(S.K. SINGH) Sr.DGM/C	(D.S. NEGI) AGM/D	
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	RITES LTD.	
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