



- NOTES :-**

 1. ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS IN METERS UNLESS WRITTEN OTHERWISE.
 2. NO DIMENSIONS SHALL BE SCALED FROM THIS DRAWING UNLESS WRITTEN DIMENSIONS SHALL BE FOLLOWED.
 3. PROPOSED WORK SHOWN IN RED, ASSETS BEING DISMANTLED SHOWN IN GREEN AND FUTURE WORK/TRACKS SHOWN IN RED.
 4. ACTUAL LOCATION OF ROB SHALL BE DECIDED BY RLY. ENGINEER IN CHARGE IN CONSULTATION WITH ROAD AUTHORITIES AT THE TIME OF ITS CONSTRUCTION.
 5. ACTUAL DEPTH OF FOUNDATION SHALL BE DECIDED BY ENGINEER IN CHARGE TO SUIT THE SOIL STRATA WITH IN OF THE SITE.
 6. VERTICAL CLEARANCE FROM THE HIGHEST RAIL LEVEL TO BOTTOM OF GRIER SHALL NOT BE LESS THAN 6.525 METERS FOR AC TRACTION AREA AND 6.325 METERS IN CASE OF DFC/FEDDER/DOUBLE STACK CONTAINER ROUTE.
 7. GUARD RAIL SHALL BE PROVIDED AS PER STANDARD DRAWING. (DELETED)
 8. SHAPES AND SIZE OF GRIDERS, POST PITS BEARING, BEARING PEDESTALS, SHOWN IN THE DRAWING ARE TENTATIVE AND ARE SUBJECT TO CHANGE IN FINAL DESIGN AND DIMENSIONS.
 9. SHAPES AND DIMENSIONS OF ABUTMENT PIERS, PIER CAP, PIER SHAFT AND FOOTING ARE TENTATIVE AND ARE SUBJECT TO CHANGES IN FINAL DESIGN AND DIMENSIONS.
 10. KEEP HOLES SHALL BE PROVIDED IN ABUTMENTS AND RETURN WALLS.
 11. ANTI CRASH BARRIER SHALL BE PROVIDED AS PER M.O.S.T. STD.
 12. ONLY CONTROLLED GEMENT CONCRETE MIX IS TO BE PROVIDED. QUOTE OF CONCRETE FOR MASS CONCRETE AND FOR ROCC SHALL NOT BE LESSER THAN M-20 AND M-25 RESPECTIVELY.
 13. WEARING COAT OF THICKNESS 200 MM PROVIDED . ROAD SURFACE TO BE MAINTAINED BY ROAD AUTHORITY.
 14. A SEPARATE LAUNCHING SCHEME OF SUPERSTRUCTURE HAS TO BE SUBMITTED WHICH WILL BE APPROVED BY CSE BEFORE COMMENCEMENT OF LAUNCHING.
 15. EXCAVATION OF ROB WORK SHALL BE DONE ONLY IN PRESENCE OF AUTHORIZED RAILWAY REPRESENTATIVE TO ENSURE THE SAFETY OF RUNNING TRAINS. PRECAUTIONS SHALL BE TAKEN DURING EXCAVATION OF OPEN/PILE FOUNDATION NEAR THE EXISTING RAILWAY TRACK. IN CASE THE EXCAVATION TO BE DONE NEAR THE TRACK, PROPER SHORING SHALL BE DONE TO PREVENT SOLE FAILURE OF SOIL.
 16. ADDITIONAL LOAD TRANSFERRED FROM FUTURE TRACKS SHALL BE CONSIDERED WHILE DESIGNING OPEN/PILE FOUNDATION ON EITHER SIDE.
 17. IN ORDER TO OFFER ADEQUATE RESISTANCE AGAIN CORROSION, THE REINFORCEMENT BARS SHALL BE PROVIDED WITH SUFFICIENT PROTECTIVE COATING DEPENDING UPON THE ENVIRONMENTAL CONDITION AS PER PARA 7.15 OF CONCRETE DESIGN CODE CORRECTION SL. NO. 2 AT. 26.04.2000.
 18. OFFICE FOR THE RAILWAY ENGINEERS AT BRIDGE SIDE OR AT NEAR BY LOCATION DECIDED BY THE RAILWAY SHALL BE PROVIDED BY SPONSORING ROAD AUTHORITY AND MAINTAINED DURING THE PERIOD OF CONSTRUCTION OF THE PROJECT. PINK BOOK IS TO BE PROVIDED.
 19. DRAWING AND DESIGN OF ROB SHALL BE CHECKED BY IT/AMT OR REPUTED CONSULTANT AS APPROVED BY MM/RAILWAY.
 20. FOR FABRICATION, WORKMANSHIP, INSPECTION, TESTING & PROTECTION AGAINST CORROSION ETC. RELEVANT PROVISIONS OF IRC- 24- 2001 SHALL BE FOLLOWED.
 21. INSPECTION LADDER AND PLATFORM FOR INSPECTION OF BEARING SHOULD BE PROVIDED AT EVERY PIER.
 22. ALL TECHNICAL RECORD, LA. CUBE STRENGTH, PRE-STRESSING DETAILS ETC. SHALL BE HANDED OVER TO RAILWAY ENGINEER IN CHARGE.
 23. BEFORE OPENING OF ROB COMPLETION DRAWING AND COMPLETE COST OF ROB IN HARD COPY AND SOFT COPY SHALL PROVIDED BY AUTHORITIES SHALL BE HANDED OVER TO RAILWAY ENGINEER IN CHARGE.
 24. BEFORE OPENING OF ROB (WITHIN RAILWAY PORTION) FOR ROAD TRAFFIC, APPROVAL OF RAILWAY ENGINEER IN CHARGE IS TO BE OBTAINED BY ROAD AUTHORITY.
 25. GRADE OF CONCRETE
PILES IN FOUNDATION M35
PILE CAP / OPEN RM M35
ROCC ABUTMENT M40
ROCC PIER M40
ROCC ANTI-CRASH BARRIER M40
ROCC DECK SLAB M40
BEARING PEDESTALS M40
 26. STOPPER SHOULD BE PROVIDED AT END ON THE TOP OF PIER / ABUTMENT CAP TO REDUCE POSSIBILITIES OF TOPPING OF GRIDER DURING LAUNCHING OF GRIDER.
 27. CRIS SANCTION SHALL BE OBTAINED BEFORE COMMENCEMENT OF WORK.
 28. AS PER RAILWAY BOARD LETTER NO. 702/ME/15-FTS-774, DATED 12.10.2011. TRACK LEVEL SHOULD BE FROZEN.
 29. THE COST OF MODIFICATION OF ONE TO BE CHARGEABLE TO ESTIMATE.
 30. DIMENSIONS OF ALL STRUCTURAL MEMBERS LA. PILE, PILE CAP, PIER, ABUTMENT, PIER CAP ETC. SHALL BE IDENTICAL AND SHALL BE AS PER STRUCTURAL DESIGN AND DRAWING SUBMITTED BY CONSULTANT/PARTY AND APPROVED BY RAILWAY.
 31. STRUCTURAL STEEL OF COMPOSITE GRIDERS CONFORM TO IS-2062-2006 OF GRADE E250 B (Fe -410 W) RIB OR HIGHER LA IS - 1363 & IS - 1367 OTHERWISE SPECIFIED IN DESIGN.
 32. ROAD TRAFFIC SHALL BE DETERMINED AT SUITABLE LOCATION IN CONSULTATION WITH ROAD AUTHORITY.
 33. DISTING LK WILL BE CLOSED ON PERMANENT BASIS AFTER COMPLETION OF ROB WORK.
 34. THE CAP BEARING AS PER ROAD FORMATION INSPECTED BY RDSD VIDE LETTER NO. CSE/PIE/RES/ DATED 16.05.2014) SHALL BE ENSURED BY CONSULTING ENGINEER.
 35. CONSENT LETTER FROM DISTRICT COLLECTOR WILL BE OBTAINED.
 36. DFOC BOUNDARY IS 90M FROM CENTER OF UP MAIN LINE.
 37. THE GAO IS FOR RAILWAY PORTION ONLY. THE CONCERN STATE GOVT. HAS BEEN ALREADY APPROVED & ISSUED GAO OF APPROACH PORTION. DING NO. :-C-10202-APPN/1, R1, DTD. 18.08.2011. THE ROAD ALIGNMENT AND LEVELS OF THIS GAO HAS BEEN MAINTAINED AS PER THE APPROVED GAO OF APPROACH PORTION BY CONCERN ROAD AUTHORITY. IN VIEW OF CHANGES THIS DRAWING SHOULD ALSO BE GOT SIGNED FROM ROAD AUTHORITY BY DFOC, BEFORE STARTING THE WORK AND THE COPY OF PLAN Duly SIGNED BY THE ROAD AUTHORITY SHOULD BE SEND TO CSE OFFICE FOR RECORD.
 38. STORM DRAIN TO BE PROVIDED UP TO GROUND LEVEL.
 39. EPOXY PAINT ON PIERS & ABUTMENT (AS PER M.O.S.T.)
 40. THE DRAWING IS BASED ON ORIGINAL TRACKING GAO PLAN SIGNED BY CONCERNED DIVISIONAL OFFICIALS. IN CASE ITS IS NOT AVAILABLE IN OUTSIDE OUR HOLDING DUAL CORRECTED TRACKING GAO PLAN HAS BEEN PREPARED BY INCORPORATING THE ROAD STANDARD CORRECTIONS & REDUCE SKEW ANGLE & BEING ADJUSTED TO SPACE CONSTRAINT STEEL THROUGH GRIDER OF 71M & 60M ARE INCORPORATED IN REVISED GAO.
 41. GAO FOR APPROACH PORTION IS AS PER APPROVED BY CONCERN STATE GOVT. THE APPROACH GAO IS BASED ON GAO LINKS ISSUED BY SE/DESIGN (R&S) CIRCLE, GANDHARWAL LETTER NO. 717/ J174 OF 04.06.2014.
 42. THE STEEL THROUGH GRIDER OF 71M SPAN PROPOSED IN THIS GAO IS BASED ON THE APPROVED GAO NO. 22332-APPN/4-13. THE APPROVED GAO SHOWS EACH THROUGH GRIDER FOR 3 - LANE CARRIAGE WAY. WHEREAS IN THIS GAO EACH THROUGH GRIDER IS PROPOSED FOR 2- LANE CARRIAGE WAY. HENCE THE WORKING CONCERNING THE WORK DESIGNING OF GRIDER AND ITS APPROVAL FROM RAILWAY MUST BE ENSURED BY EXECUTING ENTITY.
 43. FOR FABRICATION, WORKMANSHIP, INSPECTION TESTING & PROTECTION AGAINST CORROSION ETC. RELEVANT PROVISIONS OF IRC-24-2001 SHALL BE FOLLOWED.
 44. PRIOR COMPLETION OF THE WORK CPM/DFCC TO ENSURE THAT SIGNATURE OF ROAD AUTHORITY SHALL BE OBTAINED.
 45. ALL REINFORCEMENT BARS SHALL BE HYSD / TMT BARS - FE-500, CONFORMING TO IS 1786/2008.
 46. BEING A ROAD JUNCTION ON LH APPROACH, THE APPROACHES HAS BEEN PROPOSED ON 1 IN 40 GRADE & R. WALL HAS BEEN PROPOSED AS PER GUIDELINE ISSUED BY SE/DESIGN (R&S) CIRCLE VIDE LETTER SEED/78/645 DATED 06-06-2016.
 47. VIDE MINUTES OF MEETING BETWEEN POE & MO-DFCC, ON 20/03/2015 ONE UHS SHALL BE PROVIDED BY THE SIDE OF ROB GAO OF THE SAME WILL FOLLOW SEPARATELY.
 48. RAILWAY WILL SHARE THE COST OF 2-LANE ROB LA. FOR 2 X 11.80 M WIDTH OF ROB WITH APPROACH GAO (AS PER APPROACH GAO) COST OF EXTRA WIDTH WILL BE TOTALLY BORNE BY ROAD AUTHORITY.
 49. THIS DING SUPERSEDES PREVIOUS DING, DUE TO ELIMINATION OF CURVE OVER RLY. TRACK CHANGE OF SIGN. MANAGERMENTS, CHANGE IN ROAD NOTES.
 50. ROAD STRONG GRIDER 72M RIB RDSD DING NO. 002/8-10421.

