

**Minutes of Meeting held by NQM with Executive Engineer & Technical staffs of PIU Araria
at 11:20 AM at Araria.**

1. State: Bihar
2. District: Araria
3. Period of Inspection: 24.09.2022 – 27.09.2022
4. Date of Discussion: 29.06.2022

The list of Engineers who attended the Discussion is enclosed herewith.

1. The Executive Engineer, RWD, Araria was instructed not to deviate from the construction of bridge work from the original alignment as per DPR.
2. It was instructed to strictly operate the Part II Quality control Register. It is issued but kept idle without making entries.
3. A Warranty of 10 years of trouble-free performance may be insisted upon for the construction of all types of joints except buried and filter joints.
4. All the details regarding bridges such as spans bridge number, the direction of water flow, Date of casting, HFL, LWL, MWL, etc. should be marked as paint on the bridge.
5. As the water-cement ratio plays an important role in ascertaining the quality of concrete, slump cone test should be done then and there while concreting.
6. Drainage spouts should be provided as per IRC norms.
7. AS the area lies in a seismic zone IV care should be taken in the erection of pot cum PTFE bearings and elastomeric bearings in reaction blocks.
8. A minimum length of 15M is to be provided as a straight portion on the same level on both sides of the bridge.
9. While doing pile load test and slab load test photos should be taken with the officials concerned and be kept in the file for further reference.
10. Steel rods projecting out of concrete surface should be cut to avoid further rusting of inner rods.
11. The vertical strips connecting the top and bottom plates of Pot cum PTFE bearing should be removed after completion of bridge work, so as to ensure easy movement.
12. Cut grooves at the middle of the wearing coat along the road direction to 1/3rd thickness of the wearing coat to avoid surface cracks.
13. Photos should be taken for granular materials filled up between the abutment and return walls as it is a hidden item.
14. Flushing piles should be done before and after placing your grills in the pile bore.
15. Quality control labs should be often inspected by the Executive Engineer during visit and QC tests is done regularly.

D. Ravi Karthikayan
National Quality Monitor
PMGSY