



**CONSTRUCTION OF MAJOR BRIDGE OVER RIVER GANGA AND ITS APPROACHES
AT KACHLAGHAT ON SH-33 (BADAUN – KASHGANJ – HATHRAS ROAD),
IN THE STATE OF UTTAR PRADESH, PACKAGE NO.UPSRP/UPG/17, LOAN NO.4684-IN**

This work was allotted by U.P.State Road Project, PWD, World Bank Circle, Lucknow, U.P., on 10th November, 2005. The total Contract Value of this work was Rs. 3283.00 lacs. The work was completed successfully on 31/12/2010 and the total Value of work at the time of completion was Rs. 2959.60 lacs. The salient features of this Project are as under :-

Scope of Work as Executed

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| 1. Total Length of Bridge | : | 653.480 Mtrs. |
| 2. Total Spans | : | 20 Nos |
| 3. Number of Wells | : | 21 Nos. |
| 6.5 M Dia | : | 16 Nos. |
| 8.5 M Dia | : | 5 Nos. |
| 4. High Embankment Approach Roads both sides | : | 624.485 + 610 M i.e. Total 1334. 485M Length. |
| 5. Two Lane Bridge | : | Class A Loading |
| 6. Super Structure | : | Cast in SITU Post Tensioned Pre-stressed Concrete Girders along with Cast-in-SITU Composite RCC Deck. |
| 7. Sinking Depth | | |
| 6.5M Dia Wells | : | 34.46 M Well |
| Total Sinking | | 572.83 M |
| 8.5M Dia Wells | : | 36.06 M Well |
| Total Sinking | | 182.53 M |
| Overall Total Sinking | : | 755.40 Mtr. |
| 8. • M-25 Concrete in Well Steining, Return Box, Bottom & Intermediate Plug, Footpath, Curb Beam, Approach Slab | : | 19037.218 M ³ |
| • M-30 in Well Curb, Well Cap | : | 4148.22 M ³ |
| • M-40 Pre-stressed C.C. in Super-Structure | : | 3926.76 M ³ |
| • Cutting Edge for Well Foundation | : | 18.489 M.T. |
| Sand Filling in Well Foundation | : | 3838.695 M ³ |

9. Expansion Joint Two Module STRIP Seal Expansion Joint as per MORT & H : 6 Nos. (67.80 Mtr. length)
10. Other Details :-
- E/W Excavation High Embankment Filling on Approach Road & Sub-Grade : 1,45,751.80 M3
 - Foot Path : 1380.82 M
 - Box Culvert : 1 No.

We are proud to mention here that this work was executed strictly in accordance with the Technical Specifications laid down by the department and as per MORT & H Specifications. The work was executed with full background of Engineering Expertise & Skills with the help of a large number of Modern Construction Equipment and Machinery fully Owned by the Company by timely deployment of Machinery at the Worksite.

The Execution of work was fully appreciated by the Employer's Representative - The Superintending Engineer, PWD, U.P. including the Technical Team of World Bank. They have also acknowledged the Performance and Quality Workmanship of our Engineering Department.