

Rural Works Department, Govt. of Bihar



Welcome:-QMCUser

Wing:-HQ

Circle:-HQ

Division:-HQ

Home User,Menu and Profile Entry Forms Project Views MIS Reports QMC Reports Scheduled List Zone Reports Schedule Payment

Observation for Ongoing and Completed Work: Bridge												
Select User	IE ▼	Division	-- All -- ▼	Month:	All ▼	Observation Year:	--:ALL: ▼	ALL Bridge/ATR Bridge	All Bridge ▼	Status	Ongoin ▼	GetData
Division				Observation Date								
BridgeName				ATR No.								
Date of Inspection												
Name of IE/PQM												
Circle				Division				Block				
Name of Bridge												
Scheme												
Length in Flexible Pavement				CC/Other Pavement (m)				Total Length (m)				
Estimated Cost												
Cost Upon Completion												
The work is a case of(New Connectivity/ Up Gradation)												
Actual Date of Completion												
ATR Number												
Physical Status Of Bridge												

1. QUALITY ARRANGEMENTS AND ATTENTION TO QUALITY - For all stage of work

Observations About Field Laboratory:

SI No.	Whether the field laboratory established (Y/N)	List the equipments available in the field laboratory including first Aid-Box	Whether adequate equipments as per requirement of work are available and are being used (Y/N)

Observation about Mandatory Tests- The quantities of various items of works and list the tests required. (Refer to abstract of QC Register Part-I)

SI No.	Item of Work executed	Qunatity	Name of Test	No. of Tests Required	No. of Tests Conducted by PIU/Contractor

SI No.	Based on executed quantities, wheather all mandatory tests conducted: Yes/Partly/No	Wheather QC Register Part-I maintained as per provision: Yes/Partly/No	Wheather QC Register Part-II maintained and test results monitored as per provisions: Yes/Partly/No

Grading: S/SRI/U	If this item is graded SRI/U, write clear reason and suggestions for the improvement

2. FOUNDATION (Stage-I)

a) Ongoing (Work in progress)

SI No.	Location	Grade of Concrete	Quality of material				Workmanship				Arrangement of weep holes	R 1 b ab
			Cement	Course Aggregate	Fine Aggregate	Reinforcement	Shuttering	Workability of C.C.	Compaction	Laying of reinforcement		

	1	2	3	4	5	6	7	8	9	10	11	

Grading: S/SRI/U	If this item is graded SRI/U, write clear reasons and suggestions for the improvement

b) Completed Work

Sl No.	Location	Grade of Concrete	Compressive strength of Concrete cube	Surface acceptability	Workmanship	Curing arrangement	Grade awarded
	1	2	3	4	5	6	7

Grading: S/SRI/U	If this item is graded SRI/U, write clear reasons and suggestions for the improvement

3. SUB STRUCTURE (Stage-II)

a) Ongoing (Work in progress)

Sl No.	Location	Grade of Concrete	Quality of material				Workmanship				Arrangement of weep holes
			Cement	Course Aggregate	Fine Aggregate	Reinforcement	Shuttering	Workability of C.C.	Compaction	Laying of reinforcement	
	1	2	3	4	5	6	7	8	9	10	11

Grading: S/SRI/U	If this item is graded SRI/U, write clear reasons and suggestions for the improvement

b) Completed Work

Sl. No.	Location	Grade of Concrete	Compressive strength of Concrete cube	Surface acceptability	Size & Shape as per design	Weep holes adequacy(For abutment and return)	Riding Returns	Grade awarded
1	2	3	4	5	6	7	8	9

Grading: S/SRI/U	If this item is graded SRI/U, write clear reasons and suggestions for the improvement

4.SUPER STRUCTURE (Stage-III)

a) Ongoing (Work in progress)

SI No.	Location	Grade of Concrete	Quality of material				Workmanship				Camber	Grade awarded
			Cement	C.A.	F.A.	Reinforcement	Shuttering	Workability of C.C.	Compaction	Laying of reinforcement		
	1	2	3	4	5	6	7	8	9	10	11	12

Grading: S/SRI/U	If this item is graded SRI/U, write clear responses and suggestions for the improvement

b) Completed Work

SI No.	Location	Grade of Concrete	Compressive strength of Concrete Cube	Surface acceptability	Size & Shape as per design	Bearing	Krebs	Wearing Coat	Railing	Exp. joints	Approach slab	Stopper	Protection Work	Grade Awarded
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Grading: S/SRI/U	If this item is graded SRI/U, write clear responses and suggestions for the improvement

5. APPROACHES (Stage-II & III)**5.1 Embankment**

SI No.	Location	Suitability of Soil	Compaction	Side Slopes	Shoulders	Grade
	1	2	3	4	5	6

Grading: S/SRI/U	If this item is graded SRI/U, write clear responses and suggestions for the improvement

5.2 Sub Base(G.S.B)

SI No.	Location	Suitability of Material	Thickness as compared to design	Compaction	Grade
	1	2	3	4	5

Grading: S/SRI/U	If this item is graded SRI/U, write clear responses and suggestions for the improvement

5.3 Base Course (Non Bituminous (WBM) and Bituminous(MPM))

SI No.	Location	Suitability of Material	Thickness as compared to design	Compaction	Grade
	1	2	3	4	5

Grading: S/SRI/U	If this item is graded SRI/U, write clear responses and suggestions for the improvement

5.4 Wearing Course

SI No.	Location	Suitability of Material	Thickness as compared to design	Surface Regularity	Grade
	1	2	3	4	5

Grading: S/SRI/U	If this item is graded SRI/U, write clear responses and suggestions for the improvement

6. ROAD FURNITURE AND MARKINGS

Observations: Quality of Road Furniture and Markings All Stages

Main Information Board Fixed (Y/N):	Citizen Information Board Fixed (Y/N):

Grading: S/U	If this item is graded as U, write clear reasons and suggestions for the improvement

Observations: Quality of Road Furniture and Markings: (Stage-III)

6.1 Logo boards fixed(Y/N):	6.2 Gaurd stones fixed on approaches(Y/N):	6.3 Mandatory and caution signage(Y/N):

Grading: S/U	If this item is graded as U, write clear reasons and suggestions for the improvement

7. Whether the work has been completed is in progress as per work programme or the deay has occured. If the delay has occurred, wheather the liquidated damages have been with held or recovered

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8. Wheather the work has been completed within the sanctioned cost, if not , what is the action taken by the PIU (in case of completed works)

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9. Observations about the actions taken by the PIU on the observations of inspecting officers including PQM & IE (Clearly offer comment about the actions taken on the observations of departmental officers, PQM's & IE's)

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10. Comments about the difference in observations made by PQM's & IE's in earlier inspections (the PQM shall study the earlier inspection reports of PQM's & IE's, if any and offer his clear comments about the differences in observations)

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11. Other Observations, if any

1	
2	
3	
4	

12. Overall Grading of Work: The overall grading calculated on the basis of item and sub-item wise grading is given below. The overall grading shall be 'U' if any of the grading of item 2,3 or 4 is 'U'. Overall grading shall be "SRI" if item no 2,3,4 are graded as 'S' and any item no 1,5,6 are graded as 'U' or 'SRI'. If all the items are graded as S, the overall grading will be 'S'.

Item No.	Sub Item For Observation	Awarded Grade
1	Quality Arrangements	
2	Foundation	
3	Sub Structure	
4	Super Structure	
5	Approaches	
6	Road Furniture and Making	
	Overall Grading	

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Signature of
INSPECTING OFFICER

Date: _____

Name: _____

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