

# Rural Works Department, Govt. of Bihar



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Poorak Core Network Crash Inspection Contractor Emergent Repair User Registration Maintenance Allotment Road / Bridge Allotment Offline Inspection

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## Report

Wing Circle Division Select User Month Observation Year ALL Road/ ATR Road

--Select-- --Select-- --Select-- IE All -::ALL::- ATR Roads

### Observation Date

From Date To Date [Get Data](#)

SINo	IE	ATR No	Division	RoadName	Date	Circle	Status At Observation	Current Work Status	Select
2501	IE0088SHASHI	6655	Jhanjharpur	PMGSY (pure) to Mohna tol	17-Sep-2020	Darbhanga	On-going	On-going	<input type="radio"/>
2502	IE0087RAJNISH	6656	Jaynagar	To1 to Mahadalit Tol Chhatauni	17-Sep-2020	Darbhanga	On-going	On-going	<input checked="" type="radio"/>
2503	IE0053RAKESH	6657	Belsand	Partapur Bhandari PMGSY Path to Laxmipur Tota M.B. Kshanaha Binay Kumar Singh	17-Sep-2020	Sitamarhi	On-going	On-going	<input type="radio"/>
2504	IE0102SAUKAT	6658	Kishanganj-2	MMGSY to Hazam Tola	18-Sep-2020	Kishanganj	On-going	On-going	<input type="radio"/>
2505	IE0088SHASHI	6659	Jhanjharpur	GTSNY To Bheja Nonia Tol	18-Sep-2020	Darbhanga	Complete	Complete	<input type="radio"/>
2506	IE0107MD	6660	Gogari	Prastavit Mali Fulwariya PMGSY Sadak Durga Asthan to Murbila Mushari Antim Siman Tak	18-Sep-2020	Saharsa	On-going	On-going	<input type="radio"/>
2507	IE0045VIKAS	6661	Arwal	PURAINIA ROAD to MOHAR BIGHA	18-Sep-2020	Aurangabad	On-going	On-going	<input type="radio"/>
2508	IE0045VIKAS		Arwal	KARPI IMAMGANJ ROAD to SARVODAY NAGAR	18-Sep-2020	Aurangabad	On-going	Complete	<input type="radio"/>
2509	IE0048MD		Bagaha-2	Khushwaha Chowk to Chhoti Koeripatti	19-Sep-2020	Betia	On-going	On-going	<input type="radio"/>
2510	IE0104HARISH	6664	Darbhanga-1	KHUTWARA KANTI PMGSY SARAK to LAXMIPUR JURUANA	19-Sep-2020	Darbhanga	On-going	On-going	<input type="radio"/>
2511	IE0075SHIVJYOTI	6665	Nimchak Bathani	Jethiyan Rajgir Road To harijan Toli Site Per	19-Sep-2020	Gaya	On-going	On-going	<input type="radio"/>
2512	IE0098PANKAJ	6666	Benipatti	Maharajibandh to Shivnagar Sarkari Hospital	19-Sep-2020	Darbhanga	Complete	Complete	<input type="radio"/>
2513	IE0087RAJNISH	6667	Jaynagar	Nahar Ke Nikat Dulipatti to viklang Chowk Barhi	19-Sep-2020	Darbhanga	On-going	On-going	<input type="radio"/>
2514	IE0058MD		Mahnar	Braham Asthan se Chouhan Tola Tak	19-Sep-2020	Muzaffarpur	Complete	Complete	<input type="radio"/>
2515	IE0081MUKESH		Samastipur	RCD path ilmasanagar to kotiya madhu tola karua darauna Vishanpur, ahiyarpur	19-Sep-2020	Samastipur	On-going	On-going	<input type="radio"/>
2516	IE0068MD	6670	Siwan-2	Const. of Road from Siwan Darauli Prakhand ke Karmaha to Narauli Gramo ko Manjhi Ghutani MDR Path se Jorne hetu Sampark Path ka Nirman	20-Sep-2020	Siwan	On-going	On-going	<input type="radio"/>
2517	IE0108NISHIKANT	6671	Sonpur	REO Sadak Gopal Rai ke ghar Hote hue PMGSY Sadak Jogi Roy ke ghar tak	20-Sep-2020	Chapra	On-going	On-going	<input type="radio"/>
2518	IE0046AJIT		Hathua	Bingari Mishrauli Road to Dumkiya Yadav Tola	20-Sep-2020	Siwan	On-going	Complete	<input type="radio"/>
2519	IE0067SURYA	6673	Siwan-1	Dahari Routh Ke Ghar Se to Ramnath Tiwari Ke Ghar Tak	20-Sep-2020	Siwan	On-going	Complete	<input type="radio"/>
2520	IE0108NISHIKANT		Sonpur	R E O Road Se Purab to Jamindari Bandh Tak	20-Sep-2020	Chapra	On-going	On-going	<input type="radio"/>
2521	IE0092PIYOOSH	6675	Nawada	PMGSY SUNDRI PATH to CHAHAL	20-Sep-2020	Gaya	On-going	On-going	<input type="radio"/>
2522	IE0081MUKESH		Samastipur	Masina Kothi T03 to tedha amasaur via natthudvar latabadha path	20-Sep-2020	Samastipur	On-going	On-going	<input type="radio"/>
2523	IE0048MD		Bagaha-2	Jatilhi Mishrauli Pmgys Road to Mishrauli Sc Tola	20-Sep-2020	Betia	On-going	On-going	<input type="radio"/>
2524	IE0060RANJAN		Mahua	Mandai Dih P.A Mahendra Rai K Ghar to Paswan Toli Tak	20-Sep-2020	Muzaffarpur	On-going	On-going	<input type="radio"/>
2525	IE0084RITESH	6679	Motihari	T01 PWD Road Motihari Madhubani to Mushahar Toli	20-Sep-2020	Motihari	On-going	On-going	<input type="radio"/>

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[Detail Report](#)

Date of Inspection		17-Sep-2020			
Name of IE/PQM		IE0087RAJNISH			
Circle	Darbhanga	Division	Jaynagar	Block	Basopatti
Name of Road		To1 to Mahadalit Tol Chhatauni			
Scheme		MMGSY-NDB(BRICS)-I			
Length in Flexible Pavement	0.60800	CC/Other Pavement (Km)	0.12000	Total (Km)	0.72800
Estimated Cost		49.702740			
Cost Upon Completion		0.000000			
The work is a case of(New Connectivity/ Up Gradation)		New Connectivity			
Actual Date of Completion		24/06/2020			
ATR Number		6656			
Physical Status Of Road		CC pavement work completed.			

### 1. QUALITY ARRANGEMENTS-OBSERVATIONS :

#### Observations - Item1: Quality Arrangements

#	Whether Field laboratory Established (Y/N/NA)	Whether necessary Equipments available (Y/N/NA)	Whether Equipments have been used (Y/N/NA)
1	Yes	Yes	Yes

#### Quality Arrangement Grading:

Grade: S/SRI/U/NA	If this item is graded RI/U write clear reasons and suggestions for improvement:
S	satisfactory

### 2. ATTENTION TO QUALITY:

#### Observations – Item 2a: Maintenance of QC Registers:

#	Based on executed quantities whether all mandatory tests conducted(Yes/Partly/No)	Whether QC Register Part I maintained as per provisions(Yes/Partly/No)	Whether QC Register Part II maintained and test results monitored as per provisions. (Yes/Partly/No)
1	No	No	No

#### Item No:- 2a. Maintenance of QC Register Grade

Grade: S/SRI/U/NA	If this item is graded RI/U write clear reasons and suggestions for improvement:
U	QC register not shown

#### Observations – Item 2b: Verification of Test Results (P – conforms, F – does not conform):

#	Name of Test	Results of the test conducted by IE/PQM at a defined location. (P/F)	Test result as per QC Register at the same location. (Mention the page No. of QC Register also) (P/F)	Whether the test results recorded in QC register found correct? (Y/N/NA)
1	N/A	N/A	0	N/A

#### Item No:- 2b.Verification of Test result Grade:

Grade: S/SRI/U/NA	If this item is graded RI/U write clear reasons and suggestions for improvement:
NA	QC register not shown

### 3. GEOMETRICS: At-least two measurements in 1 km length and if it is found that the roadway and carriageway is inadequate IE/PQM may take more observations:

#### Observation – Item 3 a, b and c: Road way width, Carriage and Camber.

Reference Road	Roadway Width (m)	Carriageway Width (m)	Camber Percentage(%)
0+350	5.85	3.75	2.5

#### Item No:- 3a. Road way width Grade

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
S	satisfactory

#### Item No:- 3b. Carriage Way Width Grade

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
S	satisfactory

## Item No:- 3c. Camber Grade

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
S	satisfactory

## Observation – Item 3 d: Super elevation and Extra Widening at curves.

Reference Road	Super Elevation	Extra Widening provided (Y/N/NA)
N/A	N/A	N/A

## Item No:- 3d. Super Elevation and extra widening at curves Grade:

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
NA	N/A

## Observation – Item 3 e: Longitudinal Gradient in case of road in hilly/rolling terrain:

Ref. Between RD1	and RD2	Longitudinal Gradient	S/U/NA
N/A	N/A	N/A	S

## Item No:- 3e. Longitudinal Gradient in case of road in hilly rolling terrain Grade:

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
NA	Road not in hilly terrain.

## 4. OBSERVATIONS REGARDING THE QUALITY OF ITEMS OF WORK:

## Observations – Item 4 a Quality of Material for Embankment/ Sub-grade:

#	Location (RD)	On Visual Classification identify the Groups Symbol and write	Quality of material is acceptable. (Y/N/NA)
1	0+250	Clay soil	Yes

## Item No:- 4a. Quality of material for Embankment/SubGrade Grading

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
S	satisfactory

## Observation – Item No. 4 b: Workmanship for Embankment and Sub-grade Construction

#	Location (RD)	MDD KN/m3 (As per record)	Field Moisture Content	Degree of Compaction		
				Field Density kN/m3	Dry Density kN/m3	Compaction adequate. (Y/N/NA)
1	N/A	0	0	0	0	N/A

## Item No:- 4b. Compaction Grading

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
NA	Due to rainy season

## Observation – Item No. 4 c, Side slopes and profile:

#	Location (RD)	Whether Side Slopes Satisfactory (Y/N/NA)	Whether profile is Satisfactory (Y/N/NA)
1	0+200	No	No

## Item No:- 4c. Grading

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
U	side slope and profile not mentioned. hence unsatisfactory

## Observation – Item No. 4 d and e, Earth work in Hilly/Rolling terrain or high Embankments:

#	Location (RD)	Cut slopes & profiles, whether appears to be stable.(Y/N/NA)	Adequate slope protection works executed. (Y/N/NA)	Formation is properly dressed and traffic worthy. (Y/N/NA)
1	N/A	N/A	N/A	N/A

**Item No:- 4d. Stability and workmanship of cut slopes(in case of hilly/rolling terrain) Grade**

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
NA	N/A

**Item No:- 4e. Adequacy of slope protection (in case of high embankments/hilly/rolling terrain) Grade:**

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
NA	N/A

**5. SUB-BASE****Observations- Item No. 5 a,b,c and d, Quality of Material and workmanship:**

#	Location (RD)	Confirms to Grading. (Y/N)	Suitable from plasticity angle. (Y/N/NA)	Whether compaction is adequate. (Y/N/NA)	Observed Thickness of Layer (in mm)	Prescribed Thickness provided (Y/N/NA)
1	0+250	No	No	N/A	200	Yes

**Item No:- 5a. Grain Size Grade:**

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
U	unsatisfactory Report attached.

**Item No:- 5b. Plasticity Grade**

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
U	Local sand is used in screening material.

**Item No:- 5c. Compaction Grade:**

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
NA	N/A

**Item No:- 5d. Total Thickness of Layer Grade**

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
S	satisfactory

**6. BASE COURSE- WATER BOUND MACADAM****Observations- Item No. 6 a, b, c and d, Quality of Material and Workmanship of WBM:**

#	Location (RD)	Thickness of each layer of WBM (mm)	Thickness is adequate. (Y/N/NA)	Aggregate confirms to Grading (Y/N/NA)	Filler material is non-plastic to desired extent. (Y/N/NA)	Volume of filler material percent of course aggregate	Whether adequate compaction is done. (Y/N/NA)
1	0+250	75	Yes	Yes	No	21.42	Yes

**Item No:- 6a. Grain Size of Course Aggregate used as fillers Grade:**

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
S	satisfactory

**Item No:- 6b. Plasticity of Crushable Aggregate used as fillers Grade:**

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
U	Local sand is used in screening material.

**Item No:- 6c. Adequacy of Compaction through volumetric analysis Grade:**

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
S	satisfactory

**Item No:- 6d. Thickness of every layer of WBM Grade:**

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
S	

satisfactory

**7. BITUMINOUS LAYER-PREMIX CARPET(PMC)/SURFACE DRESSI**

Bituminous Course: Premix Carpet/Surface Dressing etc including Seal Coat: Observations- Item No. 7 a, b, c, Quality of Material and Workmanship of BT Layer :

#	Location (RD)	Whether Course Aggregate confirms to grading. (Y/N/NA)	Whether the binder is of approved grade. (Y/N/NA)	Write Mixing Temperature and whether it is in permissible limits (Y/N/NA)	Write Laying Temperature and whether it is in permissible limits (Y/N/NA)
1	N/A	N/A	N/A	N/A	N/A

**Item No:- 7a. Gradation of Aggregate Grade**

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
NA	work not start yet.

**Item No:- 7b. Mixing Temperature of Mix. Grade**

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
NA	work not start yet.

**Item No:- 7c. Laying Temperature of Mix. Grade**

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
NA	work not start yet.

**Observations- Item No. 7 d and e, Workmanship of BT layer :**

#	Location (RD)	Thickness		Whether surface evenness is within acceptable Limits. (Y/N/NA)
		Thickness in mm	Whether thickness is adequate. (Y/N/NA)	
1	N/A	0	N/A	N/A

**Item No:- 7d. Thickness of Layer Grade:**

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
NA	N/A

**Item No:- 7e. Grading-Surface Evenness**

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
NA	N/A

**8. SHOULDER**

Observations- Item No. 8 a and b, Quality of Shoulders :

#	RD of Observation	Whether general quality of the material is acceptable. (Y/N/NA)	Whether general quality of workmanship is acceptable. (Y/N/NA)	Whether Camber in Shoulders is adequate (Y/N/NA)
1	N/A	N/A	N/A	N/A

**Item No:- 8a. Grading- Quality of material for shoulders**

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
NA	N/A

**Item No:- 8b. Grading- Degree of compaction**

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
NA	N/A

**Item No:- 8c. Grading- Camber**

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
NA	N/A

**9. CROSS DRAINAGE WORKS: Observations Item No. 9 a and b, Quality of CDs:**

#	RD at which CD is located	Type of CD	Whether general quality of the material is acceptable. (Y/N/NA)	Whether general quality of workmanship is acceptable. (Y/N/NA)
1	0+523	HP	Yes	Yes
2	0+675	HP	Yes	Yes

Item No:- 9a. Grading-Quality Of Material - Concrete, Stone/brick, masonry, Hume pipe including size etc.

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
S	satisfactory

Item No:- 9b. Grading-Quality Of Workmanship such as positioning of pipes, wing walls, cushion over H Pipes etc.

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
S	satisfactory

**10. SIDE DRAIN AND CATCH WATER DRAIN:**

Side Drainage Works: Observations Item No. 10 a and b, Quality of CDs:

#	Reference of RDs where side drain constructed.	RD at which observation made.	Whether general quality of the side drains/ catch water drains is acceptable.(Y/N/NA)	Whether side drains are integrated to cross drains. (Y/N/NA)
1	N/A	N/A	N/A	N/A

Item No:- 10a. General quality of Side Drains/Catch Water Drains and their integration with CDs Grade:

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
NA	N/A

**11. CC/SEMI-Rigid (SR) Pavements and Associated Pucca Side Drains: Item No. 11 a, b, c and d:**

#	Reference of RDs, CC/SR Pavements provided.	RD at which observation made	Thickness		General quality of material is acceptable. (Y/N/NA)	General quality of workmanship is acceptable. (Y/N/NA)
			Thickness in mm	Acceptable (Y/N/NA)		
1	120m	0+350	160	Yes	Yes	Yes

Item No:- 11a. Grading-Quality of Material - Concrete, Stone/Concrete Block Pavement etc.

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
S	satisfactory

Item No:- 11b. Grading-Strength of CC in Concrete Pavement/Concrete Block Pavement

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
S	satisfactory

Item No:- 11c. Grading-Quality of Workmanship - Wearing surface texture,Adequacy of setting of concrete,joints,edges etc.

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
S	satisfactory

Item No:- 11d. Grading-Thickness of Layer

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
S	satisfactory

**12. ROAD FURNITURE AND MARKINGS**

Observations – Item No. 12 a: Quality Road Furniture and Markings :

Main Informatory Board Fixed: No  
Citizen Information Board Fixed: Yes

Item No:- 12a. Grading-Citizen information board, Main informatory Board,Quality and whether fixed during construction.

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
U	

Main informatory board not fixed

**Item No:- 12b. Grading-Logo boards, 200m stones and stones, quality and whether fixed after completion.**

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
NA	N/A

**Item No:- 12c. Grading-Whether the information in boards is given in local language.**

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:
S	in citizen information board given in local language.

**Observations – Item No. 12 b: Quality Road Furniture and Markings :**

- i. Logo Board Fixed: **N/A**  
 ii. 200m. Stones fixed: **N/A**  
 iii. 1 Km. Stone fixed: **N/A**  
 iv. Guard Stones fixed on Curves: **N/A**  
 v. Mandatory and Cautionary Signage **N/A**

**Grading**

Grade: S/U/NA	If this item is graded U write clear reasons and suggestions for improvement:

**Quality Grading of item and sub-items of work: The grading of every sub-item and item of work is given below**

#	Sub item for observation	In case of Work	Awardable Grades	Awarded Grade
1	2	3	4	5
Item 1 – Quality Arrangement				
a	Quality Arrangement	On-going	S/SRI/U/NA	S
b	Item Grading		S/SRI/U/NA	S
Item 2 – Attention to Quality				
a	Maintenance of QC Register	On-going	S/SRI/U/NA	U
b	Verification of test result	On-going/Complete	S/U/NA	NA
b	Item Grading		S/SRI/U/NA	U
Item 3 – Geometrics				
a	Road way width	Ongoing or Complete	S/U/NA	S
b	Carriageway width		S/U/NA	S
c	Camber		S/U/NA	S
d	Super elevation & Extra Widening at Curves		S/U/NA	NA
e	Longitudinal Gradient in case of road in hilly/rolling terrain	Ongoing or Complete	S/U/NA	NA
	Item Grading		S/U/NA	S
Item 4 – Earth Work and Sub-grade in Embankment/ Cutting				
a	Quality of Material for Embankment/ Sub-grade	Ongoing or Complete	S/U/NA	S
b	Compaction		S/U/NA	NA
c	Side Slopes and Profile	Complete	S/U/NA	U
d	Stability and Workmanship of Cut Slopes (in case of hilly/rolling terrain)	Ongoing or Complete	S/U/NA	NA
e	Adequacy of slope protection ( in case of high embankments/hilly/rolling terrain)		S/U/NA	NA
b	Item Grading		S/SRI/U/NA	U
Item 5 – Sub-Base				
a	Grain Size	Ongoing or Complete	S/U/NA	U
b	Plasticity		S/U/NA	U
c	Compaction		S/U/NA	NA
d	Total Thickness of Layer	Ongoing or Complete	S/U/NA	S
	Item Grading		S/U/NA	U
Item 6 – Base Course – Water Bound Macadam				
a	Grain Size of Course	Ongoing or Complete	S/U/NA	S

	<b>Aggregate</b>			
<b>b</b>	<b>Plasticity of Crushable Aggregate used as fillers</b>		<b>S/U/NA</b>	<b>U</b>
<b>c</b>	<b>Adequacy of Compaction through volumetric analysis</b>		<b>S/U/NA</b>	<b>S</b>
<b>d</b>	<b>Thickness of every layer of WBM</b>		<b>S/U/NA</b>	<b>S</b>
<b>b</b>	<b>Item Grading</b>		<b>S/SRI/U/NA</b>	<b>U</b>
<b>Item 7 – Bituminous Layer – Premix Carpet (PMC)/ Surface Dressing (SD)</b>				
<b>a</b>	<b>Gradation of Aggregate</b>	<b>Ongoing</b>	<b>S/U/NA</b>	<b>NA</b>
<b>b</b>	<b>Mixing Temperature of Mix</b>	<b>Ongoing</b>	<b>S/U/NA</b>	<b>NA</b>
<b>c</b>	<b>Laying Temperature of Mix</b>	<b>Ongoing</b>	<b>S/U/NA</b>	<b>NA</b>
<b>d</b>	<b>Thickness of layer</b>	<b>Ongoing or Complete</b>	<b>S/U/NA</b>	<b>NA</b>
<b>e</b>	<b>Surface Evenness</b>	<b>Ongoing or Complete</b>	<b>S/U/NA</b>	<b>NA</b>
<b>b</b>	<b>Item Grading</b>		<b>S/SRI/U/NA</b>	
<b>Item 8 – Shoulders</b>				
<b>a</b>	<b>Quality of material for shoulders</b>	<b>Complete</b>	<b>S/SRI/U/NA</b>	<b>NA</b>
<b>b</b>	<b>Degree of compaction</b>	<b>Complete</b>	<b>S/SRI/U/NA</b>	<b>NA</b>
<b>c</b>	<b>Camber</b>	<b>Complete</b>	<b>S/SRI/U/NA</b>	<b>NA</b>
	<b>Item Grading</b>		<b>S/SRI/U/NA</b>	
<b>Item 9 - Cross Drainage Works</b>				
<b>a</b>	<b>Quality of Material – Concrete, Stone/Brick masonry, Hume pipe including size etc</b>	<b>Ongoing or complete</b>	<b>S/SRI/U/NA</b>	<b>S</b>
<b>b</b>	<b>Quality of Workmanship such as positioning of pipes, wing walls, cushion over H Pipes etc</b>		<b>S/SRI/U/NA</b>	<b>S</b>
	<b>Item Grading</b>		<b>S/SRI/U/NA</b>	<b>S</b>
<b>Item 10 - Side Drain and Catch Water Drain</b>				
	<b>General quality of Side Drains/ Catch Water Drains and their integration with CDs</b>	<b>Ongoing or complete</b>	<b>S/SRI/U/NA</b>	<b>NA</b>
<b>b</b>	<b>Item Grading</b>		<b>S/SRI/U/NA</b>	
<b>Item 11 - CC/ Semi Rigid Pavements and Associated Pucca Drains</b>				
<b>a</b>	<b>Quality of Material – Concrete, Stone/ Concrete Block Pavement etc.</b>	<b>Ongoing or complete</b>	<b>S/U/NA</b>	<b>S</b>
<b>b</b>	<b>Strength of CC in Concrete Pavement/ Concrete Block Pavement</b>		<b>S/U/NA</b>	<b>S</b>
<b>c</b>	<b>Quality of Workmanship – Wearing surface texture, Adequacy of setting of concrete, Joints, Edges etc</b>		<b>S/U/NA</b>	<b>S</b>
<b>d</b>	<b>Thickness of Layer</b>		<b>S/U/NA</b>	<b>S</b>
	<b>Item Grading</b>		<b>S/U/NA</b>	<b>S</b>
<b>Item 12 - Road Furniture and Markings</b>				
<b>a</b>	<b>Citizen Information Board, Main Informatory Board, Quality and whether fixed during construction</b>	<b>Ongoing</b>	<b>S/U/NA</b>	<b>U</b>
<b>b</b>	<b>Logo boards, 200 m stones and Km stones, quality and whether fixed after completion.</b>	<b>Ongoing</b>	<b>S/U/NA</b>	<b>NA</b>
<b>c</b>	<b>Whether the information in boards is given in local language</b>	<b>Ongoing</b>	<b>S/U/NA</b>	<b>S</b>
	<b>Item Grading</b>		<b>S/U/NA</b>	<b>U</b>

**Overall Grading of Work:** The overall grading calculated on the basis of item and sub-item wise grading is given below:

#	Item	Awarded Grade



1	Quality Control Arrangements	S
2	Attention to Quality	U
3	Geometrics	S
4	Earthwork and Sub-grade in Embankment/Cutting	U
5	Sub-base	U
6	Base Course Non-Bituminous and shoulders	U
7	Bituminous Surfacing	
8	Shoulders	
9	CD Works	S
10	Side Drains and Catch Water Drains	
11	CC/Semi-Rigid Pavement and Associated Pukka Drains	S
12	Road Furniture and Markings	U
	<b>Overall Grading</b>	<b>UnSatisfactory</b>
	<b>Final Remarks</b>	<b>unsatisfactory</b>

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