## Format for information to SQM for Inspection of PMGSY Work <u>PART I– Work Information</u> (*To be filled-up by PIU*)

GEN	OFFAL:		,	Work	is Ongoir	ng Com	pleted		
1.1.	Date of Insp	nection [	27	N 124	- 1'8				
1.2.	Name of Sta	l ate Quality			+ '				7
1.3.	District. 🗠			Block	Bocho	<del>_</del>			
1.4.	Name of Ro	ad: From	n Toz	Jh	akha	-	to Bel	a	7
1.5. 1.6. – Tot	Package No	.: . BR-	- 23 R	4	39	other Pave	ment 0.200 m.		J
	Estimated Co.	st (As clear	ed by G	OI):	Rs	37	.77	Lakh	
1.8.	Technical Sa	anction Co	st:		Rs. 6	8.78	Lakh		
1.9.	The Work is	a Case of:	N	New co	nnectivity	Up grad	lation		
1.10.	ferrain f	Plan	n Roll	ling	Hilly				
1.11.	Date of Start	of the Wor	k:		16	10 17			
i.12.	Stipulated Da	te of Comp	letion:		15	10 18			
.13.	\cual Date	of Comple	tion (if v	vork co	ompleted):			Physic	cally Completed
regi	PHYSECAL amme and Phy	PROGRE sical Progr	ESS: (In ess:	case o	f On going	works onl	y Construction	1	
	Item	Complete percentag			Dates for completion	Start Date	Completion Date	Delay in Months	
irth V	Vork	1.0			Due				
			104.	` [	Actual				]
) Wo	rks	`1 -	~ .	1	Due				

Item	Completed percentage of Item	Dates for completion	Start Date	Completion Date	Delay in Months
Earth Work	1.00.4	Due			
	1004.	Actual			
CD Works	1 ,	Due			
380	100%	Actual			
Sub b. se i/c	1	Due			
Shoulders	1007.	Actual			
Base Course (Non	100%	Due			
Bitu.)		Actual			
Base / Wearing	100%.	Due			
Cours.: (Bitu.)	1007.	Actual			
CC Pasement	100.4	Due			
	100%.	Actual			
Signa) 2 etc	90.1	Due			
	70.7.				

## 3. QUALITY CONTROL:

- 3.1. Location of Field Laboratory: Afch. 0.300 m
- 3.2. Quality Control Register Part-I is maintained by: Control V
- 3.3. Quality Control Register Part-II is maintained by: AFJ-E

## 4. INSPECTIONS BY NQM, SQM or SENIOR OFFICERS AND ACTION TAKEN:

Inspection by NQMs, SQMs and senic r (i.e. SE or CE) departmental officers and action taken statement:

Da e of	Yana e I		
1	Inspected	Observations	Action Taken by PIU with
Visit	Ву		Date
2203.018	Ham .		Satistactory Date-22/03/018
1	mr. Mathau Saxena		Onter 2 2 lass of
	Saxena		274- 221031818
24.05.0	8 s.g.m		
	Er. Arun kr		0 12 /2 1
	EnArm Kro Singh		Satistoctory Date 24/05/018
			Date 24/05/018
22			
25,09.1	8 Sri Swellh W- Singh (Sg.n)		Satisfactory Date 25/09/018
	W- Singh		Date
	CSq.m		25/03/018
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Name and Signature o

Name and Signature of the Head of PIU, Date: ......

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

—-т	g. on bolow,							
#	Sub Item for Observation	Stage of Work	Awardable	Awarded				
1	2		Grades	Grades				
		3	4	5				
	Item 1 – Setting Out and Working Drawing							
a 	Bench Mark and Centre Line	All Stages	S/SRI/U	2				
b	Availability of Working Drawing	All Stages	S/SRI/U	ع				
-		Item Grade	S/SRI/U	5				
	Itel., 2 – S	Site Clearance and Grubbing						
a	Site Clearance and Grubbing	Stage-I	S/SRI/U	٤				
b	Re-use of Salvageable Material	Stage-I	S/SRI/U	٤				
_		Item Grade	S/ <del>SRI/U</del>	<u>s</u>				
	Item 3	- Quality Arrangements						
a	Quality Arrangements	All Stages	S/SRI/U	٤				
b	Number of Mandatory Tests as per prescribed frequency	Ali Stages	8/SR1/U-	عر				
c	Maintenance of QC Registers	All Stages	S/SRIAU	_S				
		Item Grade	S/SRI/U	_8				
	1	tem 4 – Geometrics						
a	Road way width	2 per Km in every inspection	8/14	ع				
b	Carriageway width	2 per Km in every inspection	SIU	ی				
c	Camber	2 per km	8/13-	٤				
d	Super-elevation & Extra Widening at Curves	I curve in each km	SAY	ع				
		Item Grade	8/14	2				
	Item 5A - Earth Work and Sub-grade in Embankment/ Cutting							
a	Quality of Material for Embankment/ Sub-grade	ln Stage-I, 1 per km/ In Stage- II or III, 1 per km	XIL	5				
b	Compaction	In Stage-I, 2 per km/ In Stage- II or III, 2 per km	81,5	ς				
c	Side Slopes and Profile	2 per km in Stage III	SIV	5				

	Item 5B - Earth Work in Cutting in Hilly/ Rolling Terrain						
a	Stability and Workmanship of Cut Slopes	Stage I and II, at 2 critical locations with maximum height of cutting in each km	S/U				
b	Adequacy of Slope Protection	All Stages - In general	SAU				
c	Upon completion of formation cutting, dressing, traffic worthiness	At Stage III, at 2 critical locations with maximum height of cutting in each km	S/U				
d	Longitudinal Gradient	Stage II/III - ! critical and fairly representative stretch of 200m in each Km	S/U				
L		Item Grade	S/U				
		Item 6 - Sub-Base					
L	Quality of Material	ork Completed					
a	Grain Size	In Stage- II or III, 1 per	S/U				
b	Plusticity	kn	S/U				
c	Compaction	h Stage- II or III, 1 per km	S/U				
d	Total Thickness of Layer	2 per Km	S/U				
		Item Grade	S/U				
	Item 7 - Base C	Course – Water Bound Maca	dam Good	plehed			
a	Grain Size of Course Aggregate	V. Chara II and III I and Inc	S/U				
b	Test for Liquid Limit and Plasticity Index in case fine aggregates are crushable type		S/U				
c	Volumetric Analysis for assessment of compaction of WBM	In Stage II or III, 1 per km	S/U				
d	Surface Evenness using In completed WBM 2 straight edge tests per km		S/U				
e	Thickness of every layer of WBM.	2 per Km	S/U				
		S/U					

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ı	Level of cleanliness of WBM surface prior to application of bituminous layer	l per Km	S/U	
b	Quality of Prime Coat/ Tack Coat with respect to quality of material and workmanship	I observation on the day of inspection	S/U	
c.	Gradation Test for Course Aggregate (if the work in the item is ongoing)/visual observation in case of completed item of work	I test on the day of inspection	S/U	
d	Grade of bitumen and temperature at the time of mixing and laying (if the work in the item is ongoing)	I test on the day of inspection	S/U	
	Bitumen Extraction Test if PMC is complete	1 test per Km	S/U	
ſ	Thickness of layer	2 per Km	S/U	
g	Surface Evenness in case of completed BT work	2 per Km	S/U	
		Item Grade	S/U	
		Item 9 – Shoulders		
: :1	Quality of material for shoulders	In Stage- II or III, 1 test per Km	S/SRI/U	5
 h	Degree of compaction	per Km	S/SRI/U	\$
	Thickness of layer	In Stage- II or III, 2 tests	s/sri/u	5
	n Grade	\	s/sri/u	5
	Item 10 - Cross Drainage Works -	Causeways of all spans span.	and Culverts	s upto 6 m.
	Quality of Material – Concrete, Stone/ brick masonry, Hume pipes including size etc.	All Stages	s/sri/u	5
	Quality of Workmanship such as positioning of pipes, wing walls, cushion over H Pipes etc.	All Stages	8/SRI/U	5

	Item 11 - Side Drain and Catcl Water Drain						
a	General quality of Side Drains/ Catch Water Drains and their integration with CDs.	All Stages	J Asri/U				
		Item Grade	s/SRI/U				
	Item 12 - CC/ Semi Rigid	Pavements and Associated	Pukka Drains	Τ			
a	Quality of Material – Concrete, Stone/ Concrete Block Pavement etc.	In Stage- II or III, 1 per 100 m. Length of Pavement		S			
b	Strength of CC in Concrete Pavement/ Concrete Block Pavement	In Stage- II or III, I per 100 m. Length of Pavement	\$/U	\$			
c	Quality of Workmanship – Wearing surface texture, Adequacy of setting of concrete, Joints, Edges etc.	In Stage- II or III	J∕J/U	S			
1	Thickness of Layer	In Stage- II or III, 1 per 100 m. Length of Pavement	S/U	٤			
		Item Grade	S/U				
	Item 13 - Ro	ad Furniture and Markings					
a	Citizen Information Board, Main Informatory Board, Quality and whether fixed during construction.	Stage-I	Ø/U	S			
	Logo boards, 200 m stones and Km stones, quality and whether fixed after completion.	Stage-III	S/U	2			
t	Whether the information in localds is giver in local anguage.	Stage-I and III	S/U	٤			
		Item Grade	S/U	5			

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

Item No.	Sub Item for Observation	Awarded Grade
Item No 1	Setting Out and Working Drawing	2
Item No 2	Site Clearance and Grubbing	
Item No 3	Quality Arrangements	<u> </u>
Item No 4	Geometrics	<u>S</u>
Item No 5 A	Earth Work and Sub-grade in Embankment/ Cutting	S
Item No 5 B	Earth Work in Cutting in Hilly/ Rolling Terrain	NIF
Item No 6	Sub-Base	
Item No 7	Base Course - Water Bound Macadam	-
Item No 8	Bituminous Layer – Premix Carpet (PMC)/ Surface Dressing (SD)	S
Item No 9	Shoulders	<u> </u>
Item No 10	Cross Drainage Works Causeways of all Spans and Culverts up to 6 m. span.	ع
Item No 11	Side Drain and Catch Water Drain	NA
Item No 12	CC/ Semi Rigid Pavements and Associated Pukka Drains	عر
Item No 13	Road Furniture and Markings	2
	Overall Grading	کر

Signature:

Name:

Date: