

## Surface Report

### 1-Individuals with repeated Discrepancies (NQM)

Dange Pradeep Bhaskar	2
Sharma Deputy Lal	2
Suresh Chandra Sharma	2
Prakash Anugrah	1

### 2-Individuals with repeated Discrepancies (SQM)

Muthuvalliappan M	2
C Duraisamy	1
Durairaj Kumaraswamy	1
Thangaraj D	1
Thiruppathy Chithan	1

### 3-Most Number of Discrepancies found in districts

Dindigul	18.0
Tiruvannamalai	16.0
Virudhunagar	14.0
Madurai	14.0
Cuddalore	12.0

### 4-Least Number of NQM inspection

Tenkasi	6
Kanniyakumari	6
Tirupathur	12
Theni	15
The Nilgiris	15

## Surface Report

### 5-Least Number of SQM inspection

Theni	54
Kanniyakumari	59
Tenkasi	79
Tirupathur	119
The Nilgiris	120

### 6-Number Of Discrepancies in last 5 years

2018-2019	20.0
2019-2020	11.0
2020-2021	19.0
2021-2022	9.0
2022-2023	1.0

### 7-Number Of Discrepancies Levelwise

Medium	16
High	47
Low	140
No Descripancy	3385

## Detailed Discrepancy Report

### Discrepancy 1

STATE	Tamil Nadu
DISTRICT	Ariyalur
BLOCK	Andimadam
SANCTION YEAR	2015-2016
PACKAGE NUMBER	TN3090
ROAD NAME	L060-Silambur to Thirukonam road (VR2180)
ROAD LENGTH	5.4

NQM Inspection count	1
NQM Grading	Unsatisfactory
NQM Name	Dange Pradeep Bhaskar rao
NQM Inspection date	24-09-2016
NQM Status	In Progress
NQM Start Chainage	1
NQM End Chainage	4.0

SQM Inspection count	11
SQM Grading	satisfactory
SQM Name	Durairaj Kumaraswamy
SQM Inspection date	23-02-2016
SQM Status	In Progress
SQM Start Chainage	0
SQM End Chainage	5.4

## Detailed Discrepancy Report

Discrepancy Items:

Geometrics
Base Course-Water Bound Macadam
Cross Drainage Works

## Detailed Discrepancy Report

### Discrepancy 2

STATE	Tamil Nadu
DISTRICT	Ariyalur
BLOCK	Ariyalur
SANCTION YEAR	2016-2017
PACKAGE NUMBER	TN1165
ROAD NAME	poyyathanallur - illupaiyur
ROAD LENGTH	5.52

NQM Inspection count	2
NQM Grading	Unsatisfactory
NQM Name	Sharma Deputy Lal
NQM Inspection date	26-08-2018
NQM Status	Maintenance
NQM Start Chainage	0
NQM End Chainage	5.5

SQM Inspection count	7
SQM Grading	satisfactory
SQM Name	C Duraisamy
SQM Inspection date	17-02-2018
SQM Status	Maintenance
SQM Start Chainage	0
SQM End Chainage	5.5

# Detailed Discrepancy Report

Discrepancy Items:

Maintenance
Shoulders

## Detailed Discrepancy Report

### Discrepancy 3

STATE	Tamil Nadu
DISTRICT	Ariyalur
BLOCK	Ariyalur
SANCTION YEAR	2015-2016
PACKAGE NUMBER	TN3082
ROAD NAME	L073-AS road to Ameenabath road (VR2041)
ROAD LENGTH	1.325

NQM Inspection count	1
NQM Grading	Unsatisfactory
NQM Name	Dange Pradeep Bhaskar rao
NQM Inspection date	23-09-2016
NQM Status	In Progress
NQM Start Chainage	0
NQM End Chainage	1.325

SQM Inspection count	2
SQM Grading	satisfactory
SQM Name	Y CHRISTDHAS
SQM Inspection date	24-08-2016
SQM Status	In Progress
SQM Start Chainage	0
SQM End Chainage	1.325

Detailed Discrepancy Report

Discrepancy Items:

Base Course-Water Bound Macadam
Cross Drainage Works



## Detailed Discrepancy Report

### Discrepancy 4

STATE	Tamil Nadu
DISTRICT	Ariyalur
BLOCK	Ariyalur
SANCTION YEAR	2015-2016
PACKAGE NUMBER	TN3083
ROAD NAME	L063-AA road to Kayarlabad road (VR2066)
ROAD LENGTH	1.25

NQM Inspection count	1
NQM Grading	Unsatisfactory
NQM Name	Suresh Chandra Sharma
NQM Inspection date	14-12-2018
NQM Status	Maintenance
NQM Start Chainage	0
NQM End Chainage	1.25

SQM Inspection count	6
SQM Grading	satisfactory
SQM Name	Thiruppathy Chithan
SQM Inspection date	29-08-2017
SQM Status	Maintenance
SQM Start Chainage	0
SQM End Chainage	1.25

## Detailed Discrepancy Report

Discrepancy Items:

Geometrics
Base Course-Water Bound Macadam
Road Furnitures And Markings
Maintenance
Shoulders
pavement

## Detailed Discrepancy Report

### Discrepancy 5

STATE	Tamil Nadu
DISTRICT	Ariyalur
BLOCK	Ariyalur
SANCTION YEAR	2014-2015
PACKAGE NUMBER	TN3086
ROAD NAME	L047-Karuppur Poiyyur - Oriyur - Nanangur road to Puthur road (VR2067)
ROAD LENGTH	1.125

NQM Inspection count	1
NQM Grading	Unsatisfactory
NQM Name	Suresh Chandra Sharma
NQM Inspection date	14-12-2018
NQM Status	Maintenance
NQM Start Chainage	0
NQM End Chainage	1.125

SQM Inspection count	5
SQM Grading	satisfactory
SQM Name	Muthuvalliappan M
SQM Inspection date	22-02-2017
SQM Status	Maintenance
SQM Start Chainage	0
SQM End Chainage	1.125

## Detailed Discrepancy Report

Discrepancy Items:

<b>Geometrics</b>
<b>Base Course-Water Bound Macadam</b>
<b>Road Furnitures And Markings</b>
<b>Maintenance</b>
<b>Shoulders</b>
<b>pavement</b>

## Detailed Discrepancy Report

### Discrepancy 6

STATE	Tamil Nadu
DISTRICT	Ariyalur
BLOCK	Jayamkondam
SANCTION YEAR	2016-2017
PACKAGE NUMBER	TN1166
ROAD NAME	Meensurity - Kuttakkarai
ROAD LENGTH	1.0

NQM Inspection count	2
NQM Grading	Unsatisfactory
NQM Name	Sharma Deputy Lal
NQM Inspection date	26-04-2018
NQM Status	Maintenance
NQM Start Chainage	0
NQM End Chainage	1.0

SQM Inspection count	7
SQM Grading	satisfactory
SQM Name	Thangaraj D
SQM Inspection date	25-11-2017
SQM Status	Maintenance
SQM Start Chainage	0
SQM End Chainage	1.0

## Detailed Discrepancy Report

Discrepancy Items:

Shoulders
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## Detailed Discrepancy Report

### Discrepancy 7

STATE	Tamil Nadu
DISTRICT	Ariyalur
BLOCK	Jayamkondam
SANCTION YEAR	2014-2015
PACKAGE NUMBER	TN30105
ROAD NAME	MRL12-Meikavalputhur-Veeracholapuram (via) Mendeivanallur road
ROAD LENGTH	3.0

NQM Inspection count	1
NQM Grading	Satisfactory
NQM Name	Prakash Anugrah
NQM Inspection date	16-09-2018
NQM Status	Maintenance
NQM Start Chainage	0
NQM End Chainage	3.0

SQM Inspection count	4
SQM Grading	Unsatisfactory
SQM Name	Muthuvalliappan M
SQM Inspection date	11-08-2018
SQM Status	Maintenance
SQM Start Chainage	0
SQM End Chainage	3.0

## Detailed Discrepancy Report

Discrepancy Items:

Base Course-Water Bound Macadam
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## **Corrective Measures Report**

### **Discrepancy: Maintenance of Road**

Corrective Measure: Rain Cuts: Restore using proper backfilling and compaction. Use geotextiles if necessary for stabilization. Vegetation: Regularly trim branches, shrubs, and grass. Ensure clear visibility for road users and prevent obstruction of traffic signs.

### **Discrepancy: Making up of Earthen Shoulders**

Corrective Measure: Ensure proper grading and compaction to match the road level. Regular maintenance is needed to prevent erosion.

### **Discrepancy: Condition of Pavement**

Corrective Measure: Potholes: Fill with appropriate materials (asphalt or concrete) followed by compaction. Patch Repairs: Use a cut-and-patch method for larger areas, ensuring the patch is well integrated with the existing pavement.

### **Discrepancy: Road Furniture and Markings**

Corrective Measure: Regularly repaint road markings. Maintain visibility and positioning of road furniture.

### **Discrepancy: Geometrics**

Corrective Measure: Regularly assess and maintain road alignment, curvature, and gradients to meet design standards.

### **Discrepancy: Base Course - Water Bound Macadam (WBM)**

Corrective Measure: Regularly inspect for surface evenness, and presence of potholes or ruts. For repairs, remove the loose material, re-grade and re-compact the area.

### **Discrepancy: Cross drainage works**

Corrective Measure: Regular cleaning to prevent blockages. Structural inspection and repair of any damages to maintain functionality. In case of significant damage, reconstruct the affected area with fresh WBM layers, ensuring proper gradation of aggregates and adequate binding with stone dust or fine aggregates. Ensure proper water drainage to avoid water logging which can weaken the WBM

structure.