

**Social Impact Assessment *Study of***  
**Construction of Mudikkode Bridge and its**  
**Approach Road Pandalloor and Payyanadu**  
**Villages of Eranadu Taluk of**  
**Malappuram District**  
**(0.0283 Hectares)**

**Draft Report**  
**20-06-2022**

**Requisition Authority**  
**Public Work Department**  
**(Bridges Division)**

**By**  
**KERALA VOLUNTARY HEALTH SERVICES**  
**COLLECTORATE P.O.**  
**MULLANKUZH**  
**KOTTAYAM - 686002**  
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3. Gazette Notification regarding SIA study.





## **CHAPTER 1**

### **EXECUTIVE SUMMARY**

#### **1.1. Introduction – Project and Public purpose**

Roads and Bridges are an important catalyst in the development of an area. The upscaling of transportation and communication facilities due to Roads and Bridges help the people to explore new opportunities. Many times this infrastructure developments support disaster preparedness and building confidence in people.

Mudikkode Bridge over Kadalundi River is one of the major infrastructure development established by Government in 2015, which replace the boat service between Mudikkode and Anakayam. The proposed project intended to ensure smooth travel through the bridge and longtime safety of the structure. Understanding the above need government has taken initiative to acquire land for the project since 2017. But due to some technical reason the attempt was delayed. Thereafter on 2022 by understanding the importance of the project, the government issued 4(1) notification for land acquisition for the project.

As part of the land acquisition process the project was placed for Social Impact Assessment Study. This draft report was prepared as part of the study.

#### **1.2 Location**

Project location spreads in both ends of Mudikkode Bridge which is located 10 KM from Manjeri Town and 16 KM from District Headquarters. The location belongs in the jurisdiction of Manjeri Municipality and Anakayam Panchayath. The project location is highly populated and predominantly agriculture in nature.

#### **1.3 Size and Attributes of Land Acquisition**

##### **Land Acquisition Authority**

The Special Tahsildar Additional(LA) General Malappuram prepares the acquisition details including land sketch and extent





of acquisition etc. Boundary stones were laid for proposed acquisition lands. Deputy Collector (LA), Malappuram is the supervising authority of the whole acquisition process.

### **Implementing Agency-Kerala Public Works Department (Bridges Division)**

Public Works Department in the State of Travancore (which later formed the major part of Kerala State following the reorganization of states in 1956) made its beginning in the year 1823 with the formation of the Maramath Department as a branch of the Huzur Cutcherry (Government Secretariat) with an executive branch known as the Panivakai Maramath. The Administration Report of the department for the year 1873-74 states that "the new roads of which very nearly 1000 miles have been either completely opened or are in various stages of progress have tapped an enormous tract of the country hitherto almost inaccessible, giving fresh impetus to agriculture".

The PWD Code was introduced in 1901. The department was periodically reorganized and in 1935-36, the administrative staff under the Chief Engineer consisted of 7 Executive Engineers in charge of divisions, 8 Assistant Engineers and 8 Sub-Engineers in charge of sub-divisions and Supervisors and Overseers in charge of sections. Over the years the department has grown substantially and now has 5 Chief Engineers, 22 Superintending Engineers, 81 Executive Engineers, 284 Assistant Executive Engineers, 638 Assistant Engineers and other supporting staff. The length of roads under the department at present is 33,593 km.

Bridges wing is formed exclusively for the construction and maintenance of various types of bridges under Kerala PWD on 27.03.2018 as a part of the initiative "Puthiyakalam Puthiyanirmanam". This wing is formed based on the Road and Bridge Maintenance Policy of the Government. This wing is headed by a Chief Engineer (Bridges) with supporting staff. This wing is having its headquarters at Thiruvananthapuram with two circle





offices seven division offices fourteen subdivisions and forty section offices.

A total number of 2768 bridges are being maintained by PWD Bridges Wing, Kerala out of which 427 bridges are in State Highways and 1938 are in Major District Roads/ Other District Roads.

### **Details of project affected families**

The social Impact Assessment Survey finds that 9 Title Holders. All the Title holders belongs to Muslim community. The Socio-Cultural and Economic details of the project affected Title holders shows that all are belongs to middle class or upper middle class except one. The literacy level of Title Holders says that all are literate. Sex ratio shows that three Title holders are women and six are men.

### **Details of the acquiring land**

The defined project area is located both ends of the Mudikkode bridge which lies in the jurisdiction of Manjeri Municipality Nellikuth High school ward and Anakkayam Panchayath Mudikkode ward. Total project area is 0.0283 hectare which belongs to nine title holders, who are not residing in the area except one. The area is agricultural in nature except one. One property which is in the Manjeri Municipality is residential plot but considering the nearness to the Manjeri – Perinthalmanna road the plot is having commercial importance also. This plot is having compound wall which will be affected by the project. All the area is in the side of Mudikkode - Valluvangadu road. Assessing the experience in the previous years, the area is flood prone area with high risk of flood disaster.

### **Socio Economic and Cultural Profile**

The Socio-Cultural and Economic details of the project affected Title holders shows that all are belongs to middle class or upper middle class except one. The literacy level of Title Holders says that all are literate. Sex ratio shows that three Title holders are women





and six are men. All the Title holders belongs to Muslim community.

#### **1.4. Alternatives Considered**

The project aimed to address the traffic issue due to the low level and normal width of the existing bridge and no visible and more benefitted alternative to the project has not been suggested either by project affected people or people in the area.

#### **1.5. Social Impact**

The primary impact of the project is loss of land of nine Title holders who are not living in the area except one. Seven out of nine Title holders losing small part of their agricultural land which are laying in the side of Mudikkode – Valluvangadu road. But due to the minimum size, this loss will not affect the agricultural production or economic benefit from the farming. The Title holder who lose part of his residential status land told that this is the second time he lose the land for the project and complained that this is happening because of partiality towards some Title holders in the area. His complaint may generated due to communication gap. But it should be addressed by technical justification.

Some of the Title holders may face difficulty to their free access to their land due to increasing the present level of road. The resettlement plan of access will include in the implementation plan may mitigate the impact.

The project may support the socio economic development of the area including preparedness of the flood disaster.

#### **1.6 Mitigation Measures**

| <b>Sl. No</b> | <b>Risk Assumed</b>  | <b>Approach</b> | <b>Mitigation Strategy</b> |
|---------------|----------------------|-----------------|----------------------------|
| 1             | Loss of Part of land | Compensation    | Compensate the loss.       |
| 2             | Loss of Part of      | Compensation    | Compensate the loss.       |



|   |                                      |                      |   |
|---|--------------------------------------|----------------------|---|
|   | structure                            |                      |   |
| 3 | Loss of Agricultural Land            | Compensation         | Compensate the loss.  |
| 4 | Loss of Cash crops                   | Compensation         | Compensate the loss.  |
| 5 | Road is very near to houses          | Safety/Resettlement  | Take necessary action for the safety of houses.                         |
| 6 | Loss of trees                        | Compensate & Control | Compensate lose and plant equal number of trees in government lands.    |
| 7 | Involved in land acquisition process | Control              | Ensure community participation in the whole process.                    |
| 8 | Grievance                            | Control              | Functional grievance redressal committee at village and district level. |

### 1.7. Detailed mitigation Plan

| Potential Impact          | Positive / Negative | Likelihood | Magnitude | Pre-Mitigation | Post - Mitigation | Mitigation Measures  |
|---------------------------|---------------------|------------|-----------|----------------|-------------------|----------------------|
| Loss of Part of land      | Negative            | Possible   | Maximum   | Maximum        | Medium            | Compensate the loss. |
| Loss of Part of structure | Negative            | Possible   | Maximum   | Maximum        | Medium            | Compensate the loss. |
| Loss of Agricultural Land | Negative            | Possible   | Maximum   | Maximum        | Medium            | Compensate the loss. |





|                                      |          |          |         |         |     |   |
|--------------------------------------|----------|----------|---------|---------|-----|---|
| Loss of Cash crops                   | Negative | Possible | Medium  | Minimum | Low | Compensate the loss.  |
| Road is very near to houses          | Negative | Possible | Medium  | Minimum | Low | Take necessary action for the safety of houses.                         |
| Loss of trees                        | Negative | Possible | Minimum | Minimum | Low | Compensate lose and plant equal number of trees in government lands.    |
| Involved in land acquisition process | Positive | Possible | Minimum | Minimum | Low | Ensure community participation in the whole process.                    |
| Grievance                            | Positive | Possible | Minimum | Minimum | Low | Functional grievance redressal committee at village and district level. |

### 1.8 Assessment of Social Impacts at different Phases of Project

Since the impact is not affecting the economic status of any Title holder or losing anybody's lively hood, the impact is scaled as very low. But the title holder losing his land near to his rented house,



complained that his land is only acquiring by providing Title holders who are in the other side of the road, a technical and factual explanation to the title holder may reduce the grievance.

Some of the Title holders may affect the free access to their agricultural land due to the difference of levels anticipating between the road and land. Incorporating the resettlement plan for such accesses may mitigate the impact. All Title holders demanded a satisfactory compensation for the land and structure.

The impact will not affect the agricultural production or nature of agricultural land. In the other hand the project may support the overall socio economic development of the area. The project area is flood prone area. The project may support preparedness of the disaster. The project may support the socio economic progress of the area and help to maximum utilization of the major infrastructure project i.e. Mudikkode Bridge.

The above facts shows that the project is having high level of public interest and no other visible alternatives is available. The Social Impact of the project is very minimum in compared to the benefit of the project.



**SAJU V ITTY,  
CHAIRMAN,  
SIA UNIT**

### **Annexures**

1. List of PAFs.
2. Photographs – Field Investigation
3. Gazette Notification regarding SIA study.





ഏറനാട് താലൂക്ക് മുടിക്കോട് പാലം അപ്രോച്ച് റോഡ് നർമ്മാണം.  
പയ്യനാട് , പന്തല്ലൂർ വില്ലേജ്

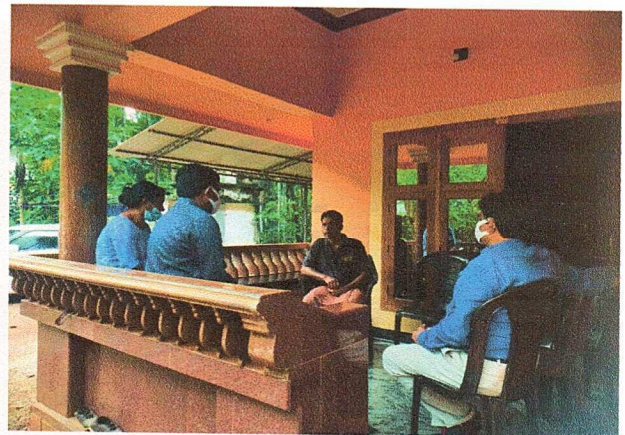
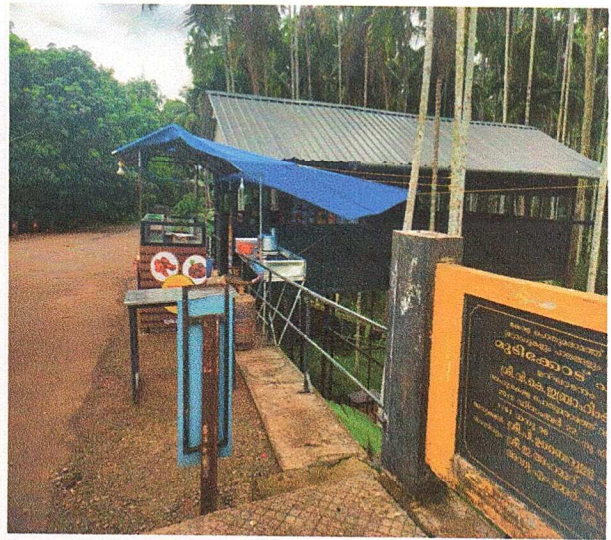
**പദ്ധതി ബാധിതരുടെ പേര് വിവരങ്ങൾ**

| ക്രമ നം. | സർവ്വേ /നമ്പർ | പേരും മേൽവിലാസവും   | ഫോൺ നമ്പർ             | ബാധിക്കപ്പെടുന്ന വസ്തുവിന്റെ വിവരണം |
|----------|---------------|---|-----------------------|-------------------------------------|
| 1        | 671/5         | മദാരി വാഴത്തൊടി ഹംസ നെല്ലിക്കുത്ത് പി.ഒ.,<br>വഴി മഞ്ചേരി  | 9497204787<br>(ബന്ധു) | കൽക്കെട്ട്, സ്ഥലം                   |
| 2        | 215/3         | അഹമ്മദ് മദാരി, മുതൽപേർ പള്ളിയാലിൽ<br>കടമ്പോട് പി.ഒ.,<br>വഴി മഞ്ചേരി, പിൻ - 676 521                  | 9846108606            | സ്ഥലം                               |
| 3        | 215           | അഹമ്മദ് കുട്ടി ഹാജി മുതുവല്ലൂർ ചുണ്ടമണ്ണിൽ ഹൗസ്,<br>കടമ്പോട് പി.ഒ., വഴി മഞ്ചേരി,<br>പിൻ - 676 521   | 9446931999            | സ്ഥലം                               |
| 4        | 216/11        | ഹംസ (late) നുസൈബ, സെഹിയ മുതൽപേർ ചക്കി പറമ്പൻ ഹൗസ്,<br>കടമ്പോട് പി.ഒ.,<br>വഴി മഞ്ചേരി, പിൻ - 676 521 | 9072731207            | സ്ഥലം                               |
| 5        | 216/11        | ഫാത്തിമ സുഹറ w/o. അഹമ്മദ് കലകുടാറ, വടക്കുപറമ്പ്,<br>കടമ്പോട് പി.ഒ.,<br>വഴി മഞ്ചേരി, പിൻ - 676 521   | 9605884383            | സ്ഥലം                               |
| 6        | 216/3         | അബ്ദുള്ള, കപ്പിക്കുഴിയിൽ, കടമ്പോട് പി.ഒ.,<br>വഴി മഞ്ചേരി, പിൻ - 676 521                             | 9846943201            | സ്ഥലം                               |
| 7        | 216/3         | മദാരി വാഴത്തൊടി അബ്ദുള്ള നെല്ലിക്കുത്ത് പി.ഒ.,<br>വഴി മഞ്ചേരി                                       |                       | സ്ഥലം                               |
| 8        | 216           | ഫാത്തിമ, തയ്യിൽ, കടമ്പോട് പി.ഒ.,<br>വഴി മഞ്ചേരി, പിൻ - 676 521                                      | 9446769185            | സ്ഥലം                               |
| 9        | 216/1         | സൈനബ, തയ്യിൽ, കടമ്പോട് പി.ഒ.,<br>വഴി മഞ്ചേരി, പിൻ - 676 521   |                       |                                     |





## PHOTOGRAPHS







# കേരള ഗസറ്റ് KERALA GAZETTE

## അസാധാരണം EXTRAORDINARY

ആധികാരികമായി പ്രസിദ്ധപ്പെടുത്തുന്നത്  
PUBLISHED BY AUTHORITY

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Vol. XI

തിരുവനന്തപുരം,  
വ്യാഴം

Thiruvananthapuram,  
Thursday

2022 ജൂൺ 16  
16th June 2022

1197 മിഥുനം 2  
2nd Mithunam 1197

1944 ജ്യേഷ്ഠം 26  
26th Jyaishta 1944

നമ്പർ  
No. 1990

FORM NO. 4

[See Rule 11(3)]

### NOTIFICATION

No. DCMPPM/5445/2021-LA2.

7th June, 2022.

WHEREAS, it appears to the appropriate Government and the District Collector, Malappuram that the land specified in the schedule below is needed or likely to be needed for a public purpose, to wit for "Land Acquisition for the Construction of Mudikkode Bridge and its Approach Road at Pandallur and Payyanad Villages of Eranad Taluk" in Malappuram District;

WHEREAS, in exercise of powers conferred by the provisions to clause (e) of Section 8 of the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 (Central Act 30 of 2013) Government of Kerala have notified



and authorised the District Collector as appropriate Government as per G. O. (P) No. 376/2016/RD dated 29-6-2016 published S. R. O. No. 468/16, in Kerala Gazette dated 8-7-2016 for the purpose of acquisition of land not exceeding 200 Ares in a District for public purpose;

AND WHEREAS, in exercise of powers conferred in sub-section (1) of section 4 of the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 (Central Act 30 of 2013) the Appropriate Government and the District Collector, Malappuram, have decided to conduct a Social Impact Assessment in the area specified in the schedule below;

Now, THEREFORE, sanction is accorded to the State Level Social Impact Assessment Unit "Sri Saju V. Itty, Executive Director, Kerala Voluntary Health Services, Mullankuzhi, Collectorate P. O., Kottayam, PIN-686 002" to conduct a Social Impact Assessment Study and to prepare a Social Impact Management Plan as provided in the Act. The process shall be completed within a period of 40 days, not exceeding six months in any case;

#### SCHEDULE

*District—Malappuram.*

*Taluk—Eranad.*

| <i>Sl. No.</i>                     | <i>Survey No.</i> | <i>Description</i>        | <i>Extent (in Hectares)<br/>(Approximate)</i> |
|------------------------------------|-------------------|---------------------------|---|
| <i>Village or Amsom—Pandallur.</i> |                   |                           | <i>Block No—47.</i>                           |
| 1                                  | 215/3             | Purayidam (Dry Land)      | 0.0090  |
| 2                                  | 216/1             | Purayidam (Dry Land)      |   |
| 3                                  | 216/3             | Purayidam (Dry Land)      |   |
| <i>Village or Amson—Payyanad.</i>  |                   |                           | <i>Desom—Nellikuth.</i>                       |
| 1                                  | 671/5             | Sthira Puncha ( Dry Land) | 0.0193  |
| <b>Total</b>                       |                   |                           | <b>0.0283</b>                                 |

(Sd.)

DISTRICT COLLECTOR,  
*Malappuram.*

