

**TNSUDP**  
**Environmental Screening Report**

**1. Project Town: Tiruchengode**

**Sub-Project:** Providing Improvement of BT Road and Construction of Storm water drain with culvert.

**2. Brief Introduction & Background**

Tiruchengode is a Selection Grade Municipality in Namakkal District, Tamilnadu. This is one of oldest Municipality constituted in 1928 as Grade-III Municipality. Tiruchengode is located at 21 km east of Erode. The Town is located on the Erode-Rasipuram Highway and also connected by road with major towns such as Salem and Namakkal.

Tiruchengode Municipality spreads over an extent of 25.20 sq.km and is divided in to 33 Municipal Wards. The population of the town is 95335 as per census 2011. The length of the roads in the Municipality is 127.70 km.

**3. The Project Objectives and Need**

This town has 127.70 km length of Roads. Recently distribution mains were laid under water supply improvement scheme under UIDSSMT 2012-13 and IUDM 2013-14 Schemes, in this scheme there is no provisions of relaying of roads. Besides the roads damaged due to rain were also not laid. Hence these pipe line cuttings causes highly inconvenience to Public and vehicular traffic. Rain water also stagnated in to pipe line pit which leads to breeding of Mosquitoes. Hence it is essentially need to improve the existing BT Road.

**4. Proposed Project**

In the following Roads are very damaged due to water supply pipe line work and damaged due to recent rain. Hence we proposed Improvement of BT Road and Construction of Storm water drain with culvert.

Sl. No	Description	Length of Road (In Metre)	Width of road (In Metre)	Type of Road		Length of Drain (In Metre)	Renovation / Raising	No of Culvert
				Existing	Proposed			
<b>Package -1</b>								
1	Nadukkadu Road From thondikkaradu main road to Sakthivel Nagar Road ward no.1& 8	600	5.00	BT	BT	400.00	Renovation	3
2	Gayathri Garden Road Nesavalur Colony in Ward :2	720	5.00	BT	BT	-	-	-
3	Sengodampalayam Therkuthottam road Ward :2	250	5.00	BT	BT	250	Renovation	3
4	Bankers Colony Road ward no.14	400	5.00	BT	BT	-	-	-
5	Brinthavan nagar 1st Cross street ward no.11	400	5.00	BT	BT	250	Renovation	2
6	Kootappalli L type and E type municipal School Surrounding ward no.13	510	5.00	BT	BT	400	Renovation	4
7	Nesavalur Colony 5th Cross ward no.5	400	5.00	BT	BT	200	Renovation	4
<b>Package -2</b>								
1	Suriyampalayam Mettupavadi cross street & Kuttai Street, Ward no. 10	400	5.00	BT	BT	400.00	Renovation	3
2	Rangasamy pillai st & Vadivel Pillai St., Ward 9	300	5.00	BT	BT	-	-	-
3	Sattaiyampudur cross street near Vinayagar Kovil, Ward no. 16	400	5.00	BT	BT	400	Renovation	3
4	Namakkal Road to Ettimadaipudur Road, Ward no. 4	1400	5.00	BT	BT	250	Renovation	2
5	Kailasampalayam to Sengodampalayam link road in Ward no.3	200	5.00	BT	BT	-	-	-

Sl. No	Description	Length of Road (In Metre)	Width of road (In Metre)	Type of Road		Length of Drain (In Metre)	Renovation / Raising	No of Culvert
				Existing	Proposed			
6	Koottappalli road in Ward no. 12	310	5.00	BT	BT	150	Renovation	6
7	Thondikaradu Main Road to OHT Road in Ward no.9	285	5.00	BT	BT	250	Renovation	4
8	Kumaresapuram Cross street, in Ward no.6	300	5.00	BT	BT	-	-	-
<b>Package -3</b>								
1	From Velure Road to Kollappatty Housing Board, ward no.30	900	5.00	BT	BT	340	Renovation	3
2	Karattuppalayam Burial Ground to Mariyamman Koil Ward :31	530	5.00	BT	BT	-	-	-
3	Pannakkadu & Magadevapuram Ward :28	400	5.00	BT	BT	350	Renovation	3
4	AKE 1st & 10 street ward no.22	430	5.00	BT	BT	-	-	-
5	SND to Ambethkar nagar Road ward no.21	300	5.00	BT	BT	250	Renovation	2
6	Namakkalroad to Jansons Road Road ward no.22	350	5.00	BT	BT	250	Renovation	4
7	Amman Kulam Road ward no.18	250	5.00	BT	BT	300	Renovation	4
8	Konku mandapam South side Road ward no.28	200	5.00	BT	BT	-	-	-
<b>Package -4</b>								
1	Sanarpalayam nadar theru cross street & Mariyamman koil road ward no.29	500	5.00	BT	BT	350	Renovation	3
2	CHB Colony Cross street Ward : 27	500	5.00	BT	BT	-	-	-
3	Malai kavalar koil opposite road Ward :26 & 27	400	5.00	BT	BT	300	Renovation	3

Sl. No	Description	Length of Road (In Metre)	Width of road (In Metre)	Type of Road		Length of Drain (In Metre)	Renovation / Raising	No of Culvert
				Existing	Proposed			
4	East car street ward no.24	220	5.00	BT	BT	-	-	-
5	Puthu Mugamathiyar street ward no.20	400	5.00	BT	BT	-	-	-
6	Muniyappan koil Road ward no.32	400	5.00	BT	BT	200	Renovation	4
7	Veera ragava muthaliyar street ward no.23	300	5.00	BT	BT	250	Renovation	4
8	Kollappatty Housing Board & Kthir Eye Hospital Opposite side road ward no.28 & 30	580	5.00	BT	BT	300	Renovation	2
	<b>Total</b>	<b>1354</b>	-	-	-	<b>5840</b>	-	66

### 5. Environmental Screening

In this project various features such as Residences, schools, hospitals, religious features, presence of trees and water bodies available in this project. But there is no need of tree cutting and waste handling involved in this project. Improvement works carried out for only existing road width.

### 6. Permissions/ Clearances

All the proposed roads owned by Tiruchengode municipality. So there is no need of sought permission or clearance from any other department for laying of roads.

*[Signature]*  
 Commissioner,  
 Tiruchengode Municipality

#### Attachemnts:

1. Filled in Environmental Screening Format
2. Town map with road location
3. Proposed Road Present conditions photos
4. Road Sketch

*[Signature]*  
 17/10/2020

**TNSUDP  
ENVIRONMENTAL SCREENING FORM**

Name of the Borrower: Tiruchengode municipality

Project location : Tiruchengode

Project : Providing Improvement of BT Road and Construction of Storm water drain with culvert.

Project Components			
Sl.no	Components	Details	
1	Brief description of the project proposal	Recently distribution mains were laid under water supply scheme in this scheme there is no provisions of relaying of roads. Besides the roads damaged due to rain were also not laid. Hence the Project is proposed for improvement of Roads and Construction of drains with culvert. This roads are very important to connect major roads, bus playing roads, educational institutions and tourism places in this town. Hence, we proposed to Construction the damaged Culverts, drains and providing the new roads in Tiruchengode Municipality.	
2	Number of project sites and Project components	31 Roads are proposed for this project. <b>Components:-</b> New Drainage-5.84 km, Culvert-66 nos, , Improvement BT Roads-13.54 km.	
3	Details of Alignment and Component	This project is a renovation work. Hence there is no alignment and components are not arising.	
4	Location of the Project Sites & Current Use (Provide information for all sites involved in the project)	Tiruchengode Municipality. All the poposed roads sites are under usage of the Public.	
		Sl. No	Length of Road (In Metre)
		Description	
		1 Nadukkadu Road From thondikkaradu main road to Sakthivel Nagar Road ward no.1& 8	600
		2 Gayathri Garden Road Nesavalur Colony in Ward :2	720
		3 Sengodampalayam Therkuthottam road Ward :2	250

		4	Bankers Colony Road ward no.14	400	
		5	Brinthavan nagar 1st Cross street ward no.11	400	
		6	Kootappalli L type and E type municipal School Surrounding ward no.13	510	
		7	Nesavalar Colony 5thCross ward no.5	400	
		8	Suriyampalayam Mettupavadi cross street & Kuttai Street, Ward no. 10	400	
		9	Rangasamy pillai st & Vadivel Pillai St., Ward 9	300	
		10	Sattaiyampudur cross street near Vinayagar Kovil, Ward no. 16	400	
		11	Namakkal Road to Ettimadaipudur Road, Ward no. 4	1400	
		12	Kailasampalayam to Sengodampalayam link road in Ward no.3	200	
		13	Koottappalli road in Ward no. 12	310	
		14	Thondikaradu Main Road to OHT Road in Ward no.9	285	
		15	Kumaresapuram Cross street, in Ward no.6	300	
		16	From Velure Road to Kollappatty Housing Board, ward no.30	900	
		17	Karattupalayam Burial Ground to Mariyamman Koil Ward :31	530	
		18	Pannakkadu & Magadevapuram Ward :28	400	
		19	AKE 1st & 10 street ward no.22	430	

		20	SND to Ambethkar nagar Road ward no.21	300	
		21	Namakalroad to Jansons Road Road ward no.22	350	
		22	Amman Kulam Road ward no.18	250	
		23	Konku mandapam South side Road ward no.28	200	
		24	Sanarpalayam nadar theru cross street & Mariyamman koil road ward no.29	500	
		25	CHB Colony Cross street Ward : 27	500	
		26	Malai kavalar koil opposite road Ward :26 & 27	400	
		27	East car street ward no.24	220	
		28	Puthu Mugamathiyar street ward no.20	400	
		29	Muniyappan koil Road ward no.32	400	
		30	Veera ragava muthaliyar street ward no.23	300	
		31	Kollappatty Housing Board & Kthir Eye Hospital Opposite side road ward no.28 & 30	580	
			<b>Total</b>	<b>1354</b>	

### Biological Environment

Sl.no	Components	Yes	No	Details
5	Is the project adjacent to any of the following (Provide information for all sites and alignment of the project)			
(i).	Cultural Heritage site		No	
(ii).	Protected Area		No	
(iii).	Wet Land/ Mangrove/ Estuarine Region		No	
(iv).	Natural Forests		No	
(v).	Other Sensitive Environmental		No	

	Components as listed in ESMF			
(vi).	Residences, schools, hospitals etc	Yes		During construction of road management measures were taken up for public safety
(vii).	Drinking water source, upstream and downstream uses of rivers etc		No	
(viii).	Lowlying areas prone to flooding / areas of Tidal Influence (CRZ)		No	

6.	Does the proposed project could cause the following			
(i).	Impact on Surrounding Environmental Conditions		No	
(ii).	Degradation of land / eco-systems		No	
(iii).	Loss or impacts on Cultural / heritage properties		No	
(iv).	Water Resource Problems		No	
(v).	Pollution of Water bodies / ground water		No	
(vi).	Cutting of Trees / Loss of Vegetation		No	
(vii).	Health & Safety Risks in the neighbourhood		No	
(viii).	Potential risk of habitat fragmentation due to the clearing activities? (eg. Hindrance to the local bio diversity like disturbing the migratory path of animals/ birds etc.)		No	
<b>Physical Environment</b>				
	<b>Components</b>	<b>Yes</b>	<b>No</b>	<b>Details</b>
7	Will the project affects the River flow pattern, stream pattern or any other irrigation canal?		No	
8	Water quantity? Estimated usage of water quantity for the project	Yes		6.5MLD of water to be used for construction of road and concrete work and it is arranged by the contractor.
9	Estimated energy consumption for the project activities		No	
10	Any other resources proposed to be utilized for project activity? (eg., ground water)		No	



<b>Geology / Soils</b>				
	<b>Components</b>	<b>Yes</b>	<b>No</b>	<b>Details</b>
11	Does the project activity involve cutting and filling/ blasting etc...?		No	
12	Will the project cause physical changes in the project area (e.g., changes to the topography) due to excavation, earthwork etc...?		No	
13	Will the project involve any quarrying/ mining etc?		No	
<b>Pollution</b>				
	<b>Components</b>	<b>Yes</b>	<b>No</b>	<b>Details</b>
14	Will the project use or store dangerous substances (e.g., large quantities of hazardous chemicals/ materials like Chlorine, Diesel, Petroleum products etc...)?		No	
15	Will the project produce solid or liquid wastes?	Yes		Dismantling of existing damage drains are disposed in the municipal common construction waste management centre
16	Will the project cause air pollution or increase in emission of pollutants?		No	
17	Will the project generate or increase noise?		No	
18	Will the project generate water pollution (water bodies/ groundwater)?		No	
19	Will the project cause construction Hazard to workers/ residents		No	
20	Is there a potential for release of toxic gases or accident risks		No	
<b>Environmental Enhancement Measures</b>				
	<b>Components</b>	<b>Yes</b>	<b>No</b>	<b>Details</b>
21	Has the Project design considered the following?			
(i).	Is the project design considering energy conservation measures/ energy recovery options?		No	

(ii).	Is the project considering waste minimisation or waste reuse/recycle options?		No	
(iii).	Has the project design considered RWH or any other environmental enhancement measure?		No	
(iv).	Has the project design considered extreme events, drought, flood, natural disasters?	Yes		These structures are have stabilities for any natural disasters.
<b>General</b>				
22	Please indicate whether any other features of the project that could influence ambient environment		No	
23	Has any consultation with the public or stakeholders been conducted?		No	

Date:

Signature and name of the Borrower  
**Commissioner**  
**Wuchangode Municipality**

*D. Mens* 14/12/2020  
*[Handwritten Signature]*