



Rural Road Management System



Department of Panchayats & Rural Development

Government of West Bengal

<https://prdroads.wb.gov.in>

Developed by EMDEE Digitronics Pvt. Ltd.

About the Project

- A Road Management System is a comprehensive framework designed to manage and maintains road infrastructure efficiently.
- The Road Management System is the primary means for defining and monitoring the state, maintaining an inventory of the roads features, conditions, and characteristics, and providing decision-makers with the information necessary for funding, project design, and maintenance programming.
- The development of this system to help road create and maintains from all district and State is most often the consequence of the awareness of severe gaps concerning basic data characterizing the network, structure and deterioration indicators, roughness indices, etc.
- After collecting all data from panchayat related to Road Management System are directly send to State level to process the data in Road Management System web portal.

Benefit of this Application

- Road approval process, tendering, work order, inspection up to complete the road, quality monitoring from state level - everything is managed by this application
- Approval process will be done in short time
- Upper level can monitor the status
- Road can be identified by geo-tagging picture and information
- Tendering, Re-tendering, Work Order with document and information are available in upper level
- Multiple schemes/fund can be managed
- User can be managed role wise and division wise
- Various management reports are available - like division wise, agency wise, progress wise etc.
- Reports are standard format and available to download in excel
- Call log is available for support - anyone can log the call and support team can resolve and reply back to customer

Work Process - I

Gram Panchayat send survey reports from roads details to the State Authority.

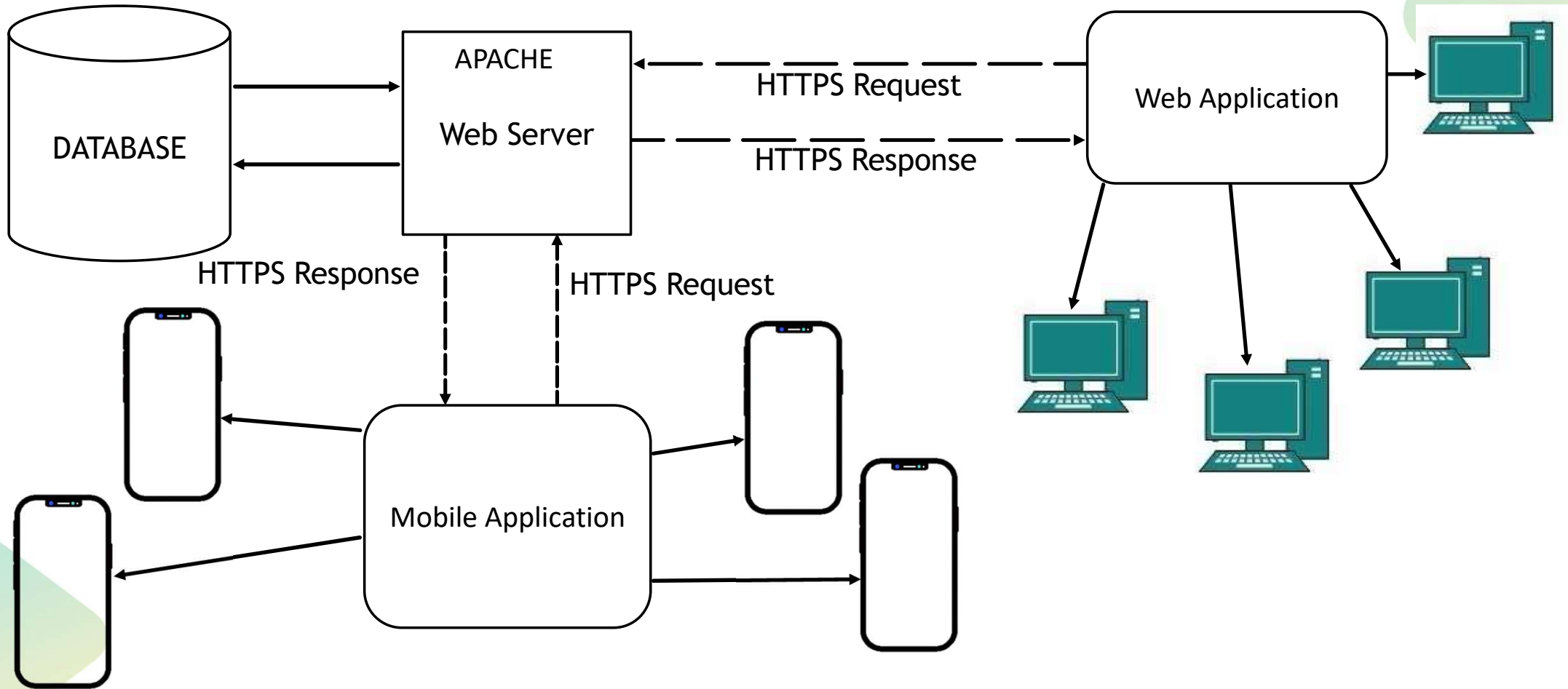
This details is processed by this portal in the following steps :-

- Only Admin/State entry the road details.
- After road entry complete road details show the agency login side
- There are five types of agency
 - 1) ZP(Zilla Parishad)
 - 2) BLOCK
 - 3) WBSRDA(West Bengal State Rural Development Agency)
 - 4) MBL
 - 5) AGRO
- ZP and BLOCK forwarded the roads details to the DM(District Magistrate) for next step.
- DM(District Magistrate) checked all roads details and forwarded to SE(Superintending Engineer) for the next step.
- SRDA/MBL/AGRO forwarded roads details directly to SE(Superintending Engineer) for the next step.

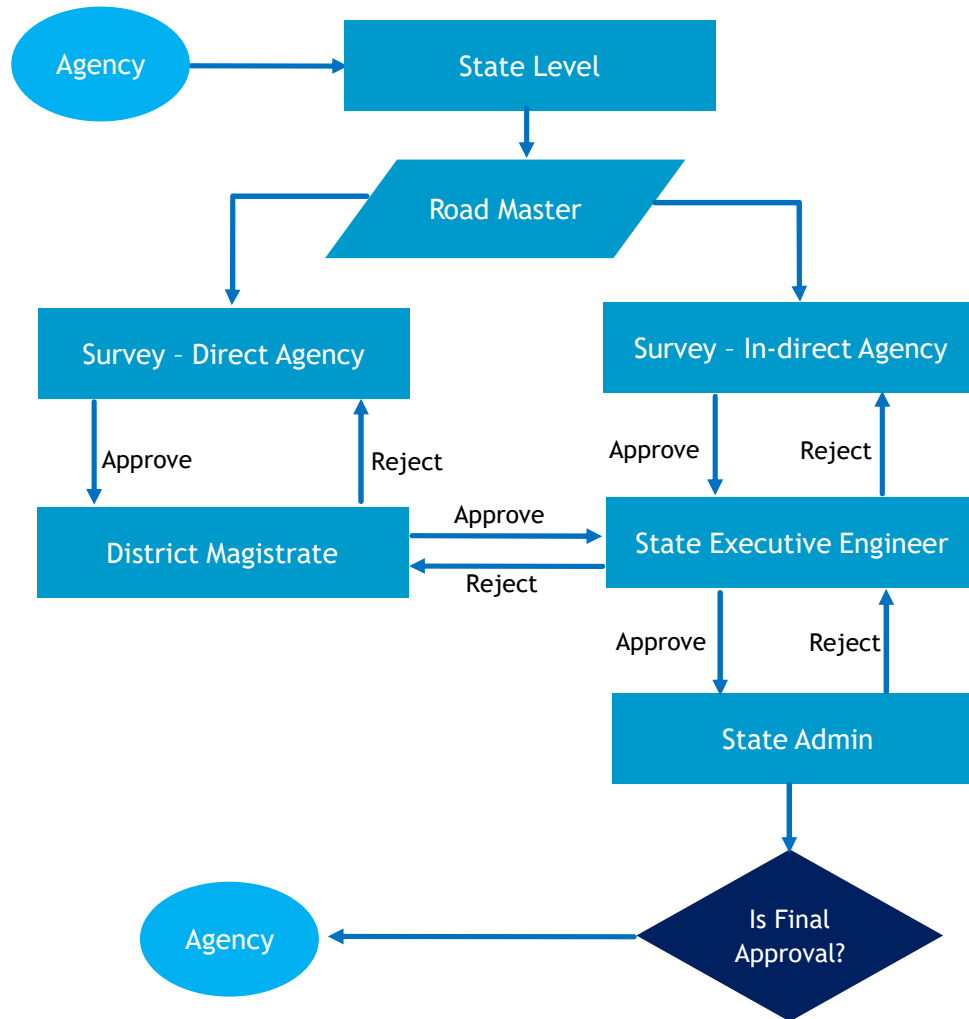
Work Process - II

- SE(Superintending Engineer) checked roads details properly and forwarded to STATE for Approval.
- STATE checked roads details properly and give the approval.
- If any mistake, STATE returns the roads details to SE, and also SE returns to DM/SRDA/AGRO/MBL, and DM returns to ZP/BLOCK.
- After approval all agency going to tendering process.
- After tendering complete the agency going to work order process.
- Work order process complete the road work started.
- Road work started and Engineer update status on portal.

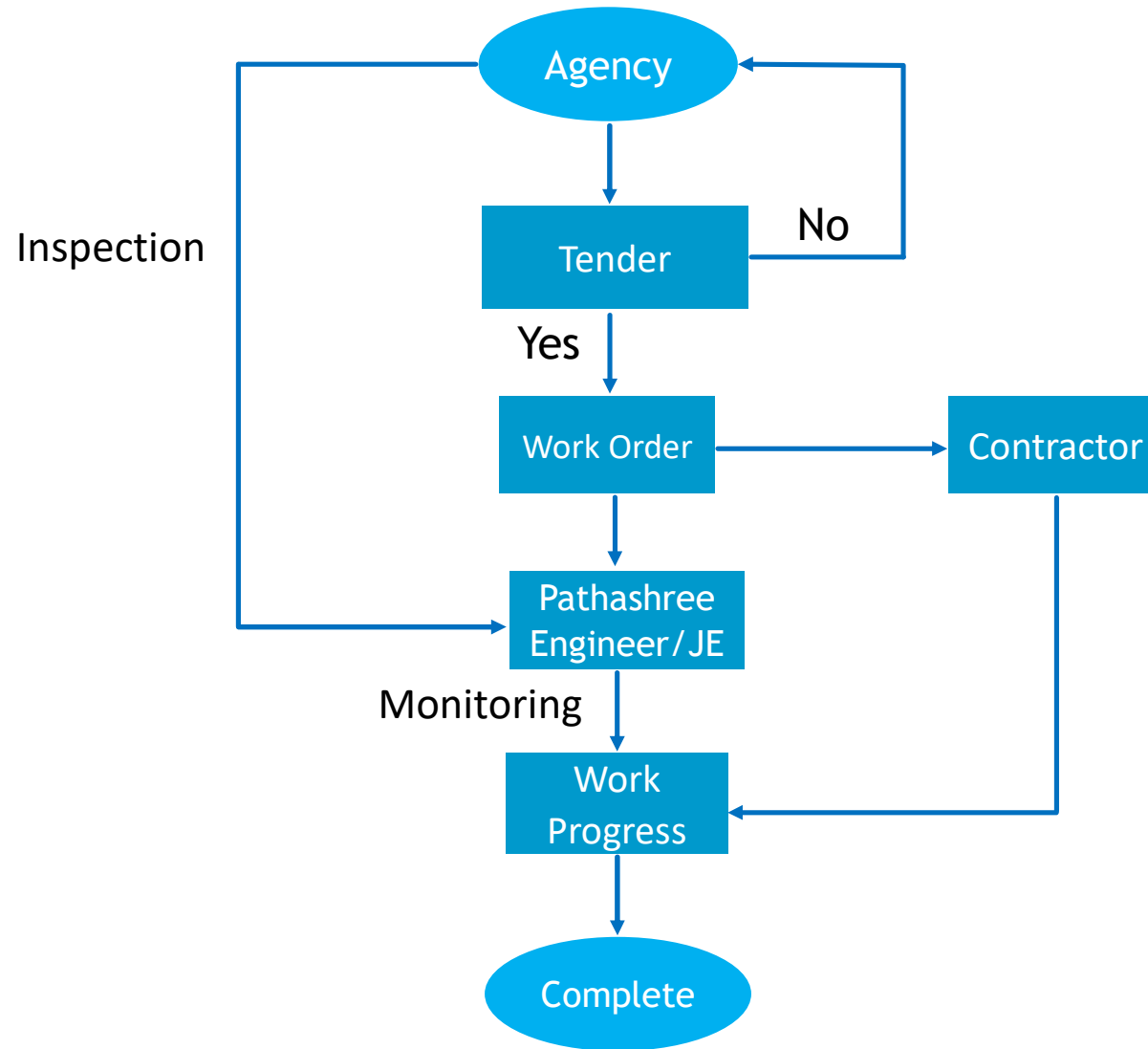
Architecture



Road Approval Process



Work Progress Flowchart




Login

Sign In

Username

Password

3 e 9 f  3e9f

Sign In

Several types of login here

- 1) Admin/State level
- 2) Agency
- 3) District level
- 4) All engineer - assistant, junior, executive, pathashree etc.
- 5) Support login

Admin Menu

PATHASHREE-II

RIDF

PMGSY

STATE FUND & OTHERS

CAPEX

PATHASHREE-III

User Management

Scheme Bank

Call Log / Support

Scheme Overview

Scheme Summary

Approved Schemes (No.) 8666	Approved Length (KM) 8739.664	Sanctioned Amount (Cr.) 3337.12	
Tender Invited (No.) 8532	Tender Matured (No.) 7049	Matured Length (KM) 8186.252	Matured Amount (Cr.) 3119
Work Order (No.) 6801	Work Order Length (KM) 6858.712	Work Order Amount (Cr.) 2555.8	
Ongoing Progress (No.) 3095	Ongoing Length (KM) 354.530	Ongoing Amount (Cr.) 1330.41	
Completed (No.) 340	Completed Length (KM) 144.050	Completed Amount (Cr.) 48.47	

Road Master Status

District

NORTH 24 PARGANAS

SEARCH

Approve









Not Approve

Not Implemented

F


Excel Print

Search:

#	Work Name	Assembly Constituency	District	Block	Status	Action
1	Construction CC road from h/o Phulk	102 Amdanga	NORTH 24 PARGANAS	AMDAN	Approved	 
2	the H/O. Ohab Mia to the H/O. Sann	102 Amdanga	NORTH 24 PARGANAS	AMDAN	Approved	 
3	Construction CC road from Sikhira K	102 Amdanga	NORTH 24 PARGANAS	AMDAN	Approved	 
4	Construction CC road from Kashem	102 Amdanga	NORTH 24 PARGANAS	AMDAN	Approved	 

Road Master Entry

Name*			Agency
<input type="text" value="name"/>			<input type="text" value="--Select Agency--"/>
District *	Assembly *	Block*	
<input type="text" value="--Select District--"/>	<input type="text" value="--Select Assembly--"/>	<input type="text" value="--All Block--"/>	
GP*	Village		
<input type="text"/>	<input type="text" value="village"/>		
Type of road	Type of work		
<input type="text" value="--Select Road Type--"/>	<input type="text" value="--Select Work Type--"/>		
Actual Road Length			
<input type="text" value="length"/>			

 **SAVE**

User Management

Role

Pathasree Engineer

Save

Menu

- ▶ Pathashree-II
 - Overview
 - Master
 - ▶ Inbox
 - Scheme Inbox
 - Vetted Scheme Inbox
 - Batch / Lot Inbox
 - Approved Scheme Inbox
 - Tender
 - Work Order
 - ▶ Work Progress
 - Not Started
 - Completed
 - WiP
 - ▶ QM
 - Assignment
 - Inspection
 - ATR

Call Log - Support

Support Call Log

Pending List



Excel

Print

Search:

#	Log Type	Ref No	Sender Name	District	Block	Contact Person	C	Action
1	Data Correction	1710937620753	BDO DEBRA	PASCHIM MEDINIPUR	DEBRA	BDO Debra Development Block	71	View
2	Data Correction	1711094880222	WBSRDA COOCHBEHAR	COOCHBEHAR		EXECUTIVE ENGINEER	91	View
3	Data Correction	1712562360622	BDO HANSKHALI	NADIA	HANSKHALI	Gobinda Chandra Biswas	91	View
4	Data Correction	1712571000898	BDO BHANGAR-I	SOUTH 24 PARGANAS	BHANGAR-I	SADDAM HOSSAIN MOLLA	91	View

Report Overview

State Summary Report

Agency wise Progress

Road Type wise Progress

Work Type wise Progress

PS wise Work Status Report

Work wise Progress Report

Approval Progress Report

State Summary Report

Assembly Constituency

--All AC--

SEARCH

Excel

Print

Search:

Sl.	District	Approved Work (No.)	Approved Length (Km.)	Approved Amount (Crore Rs.)	Tender Invited (No.)	Tender I
1	ALIPURDUAR	90	187.019	56.06	89	84
2	BANKURA	381	521.877	230.3	378	344
3	BIRBHUM	97	93.910	31.28	97	95
4	COOCHBEHAR	337	613.348	229.27	337	315
5	DAKSHIN DINAJPUR	88	107.815	38.26	88	71
6	DARJEELING	67	166.886	113.19	67	51

Inspection



Construction of Bituminous road from the Shop of Shukla Tea stall to hari mandir at Nimai within Patharghata G.P. under Matigara Development Block.

Visiting Date *

30/04/2024

Progress *

50

%

Remarks *

Road work in progress

Starting Point *

(Maximum 2mb, Uploaded Format - jpg, jpeg, png)



Middle Point *

(Maximum 2mb, Uploaded Format - jpg, jpeg, png)



End Point *

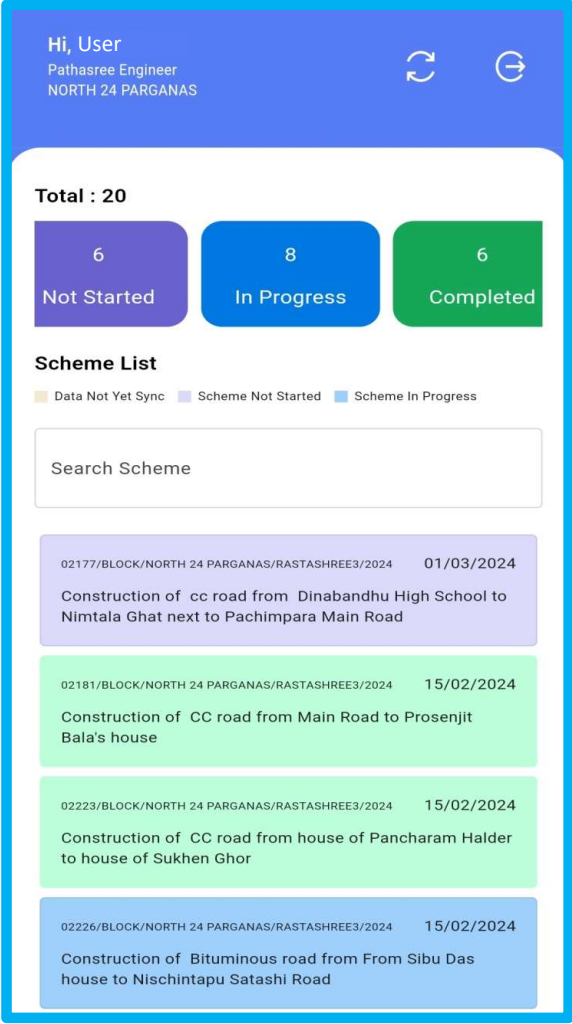
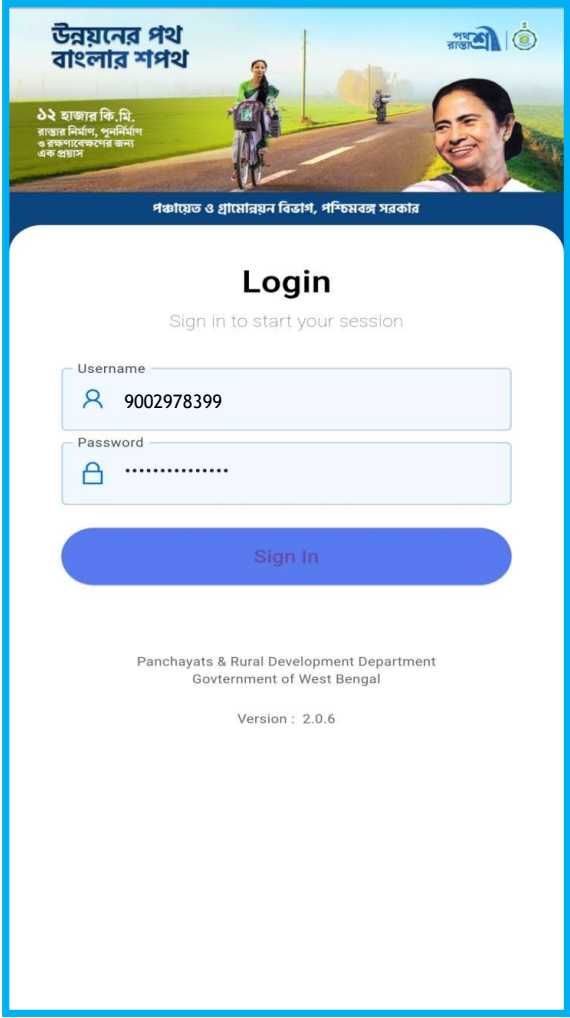
(Maximum 2mb, Uploaded Format - jpg, jpeg, png)



 SAVE

Mobile Applications

The engineer can update the progress of road of assigned roads only



Mobile Applications

← Work Details

Contruction of CC road from Ghoshpur Colony to Ghushighata Swapan Mondal house

Start Progress Entry

← Work Progress Entry

Contruction of CC road from Ghoshpur Colony to Ghushighata Swapan Mondal house

Last Physical Progress : 5

Physical Progress in percent :

Physical Progress 0/3

Remarks *

Remarks

Starting point *

Add Image

Save

← Work Progress Entry

Contruction of CC road from Ghoshpur Colony to Ghushighata Swapan Mondal house

Add Image

Middle point*

Add Image

Ending point*

Add Image

Add More Photo

Save

THANK YOU

