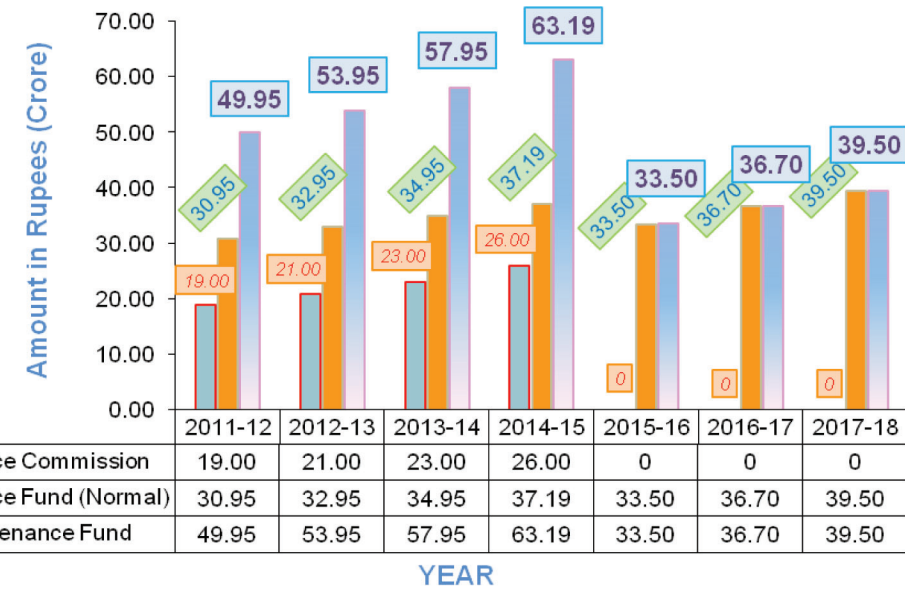


MAINTENANCE FUND EXPENDITURE

(i.e. received from State Budget for Repairing of Existing State PWD Roads in Mizoram excluding National Highways)



Kawng **Maintenance** kan han tih hian kawng avansa enkarol leh thawmthat zui sawina a ni. Kawngthat siam leh hmalakna lian tham a tel lo a ni. A hnuatia hnate hi a huam hlawm tlangpui (Maintenance Nature) :-

- i. Kawngchhuat siamthat (pot hole, patch repair...),
- ii. Periodical renewal (resurfacing after every 3 or 4 years),
- iii. Kopang lungrem (Retaining Wall),
- iv. Kawngsir Tlakdal (Breast Wall),
- v. Culvert,
- vi. Tuihawk luan Kawr (Drain),
- vii. Landslip (leimin tihfai),
- viii. Kawngba sam (Kawngsir hnim samfai) leh
- ix. Bridge cheithat.



Public Works Department

(An ISO accredited Department)



ANNUAL REPORT

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CE & above



**ROAD SECTOR MODERNISATION PLAN – WORKING GROUP (RSMP-WG)
under Mizoram State Road Project-II (MSRP-II)**

- | | |
|---|--------------------|
| 1) Er. R. Vanlaltluanga, Engineer-in-Chief | - Chairman |
| 2) Er. R. Lalrintluanga, Chief Engineer, Roads | - Member |
| 3) Er. K. Lalsawmvela, Chief Engineer, Highways | - Member |
| 4) Er. Lalmuankima Henry, Chief Engineer, Buildings | - Member |
| 5) Er. Bowman, CE (P), E-in-C's Office | - Member |
| 6) Er. R. Laldawngliana, CEO, MRFBS | - Member |
| 7) Er. J. Zothanpuia, Jt. Secy, PWD | - Member |
| 8) Er. Malsawmdawngliana, SE (P), E-in-C's Office | - Member |
| 9) Er. Vanlalchhuana, SE, Eastern Circle | - Member |
| 10) Er. Vanlalruata Sailo, EE, Kawrthah | - Member |
| 11) Er. Lalrinawma, Sr. EE (W-II), E-in-C's Office | - Member |
| 12) Er. K. Lalbiakthanga, EE (Proc.), PIU-WB | - Member |
| 13) Er. Lalrinkima Hnamte, Project Director, PIU-WB | - Member Secretary |

Standing L-R; Er. Malsawmdawngliana, SE (P), E-in-C's Office, Er. K. Lalbiakthanga, EE (Proc.), PIU-WB, Er. Lalrinkima Hnamte, Project Director, PIU-WB.

Sitting L-R; Er. Bowman, CE (P), E-in-C's Office, Er. R. Lalrintluanga, Chief Engineer, Roads, Er. R. Vanlaltluanga, Engineer-in-Chief, Er. K. Lalsawmvela, Chief Engineer, Highways, Er. Lalmuankima Henry, Chief Engineer, Buildings, Ar. George Lalzuia, Chief Architect.



WHY is Mizoram PWD not maintaining a good road in the State ?

**ANNUAL FUND Requirement
for Maintaining STATE ROADS**

Out of 4662.669 km of State Roads (excluding National Highways), surfaced road (blacktop) is 2744.411 km and un-surfaced road is 1918.258 km. Maintenance of these roads is under the care of the State Government. To keep the roads in good conditions throughout the year, maintenance of these roads needs to be carried out as per conditional norms which require a large amount of Fund. Road Maintenance Norms can be broadly classified into 3 (three) categories as given below :-

1. **NORMAL MAINTENANCE** : It covers filling of potholes, bituminous patch repair, clearance of roadside jungle and foliages, clearance of petty landslip, clearance of side drains and cross drains and filling of cracks in the surfacing.

a) For blacktop road	:	Rs. 19.21 cr
		(@0.70 lakh / km for 2744.411 km
b) For non-blacktop road	:	Rs. 7.67 cr
		(@ 0.40 lakh / km for 1918.258 km)

Total fund required for Normal maintenance : Rs. 26.88 crore

2. **PERIODICAL MAINTENANCE** : This is applicable to surfaced roads (flexible pavements) only. The designed life of the flexible pavement is 10 to 15 years. Usually the designed life of State roads is 10 years provided timely renewal of the wearing surface is done at regular interval. As for Hill roads and heavy Monsoon area like Mizoram, Ministry of Road Transport & Highway (MoRT&H) recommended that renewal of the wearing surface is to be carried out after not more than every 4 (four) years interval in order to keep the road condition fit for purpose throughout the designed life.

At present, the road conditions of the State roads can be classified into three categories :

- | | | |
|---|---|--|
| a) Category - I (Fair maintenance) | : | Rs. 27.44 cr / annum |
| | | (@ Rs. 25 lakh / km for 109.78 km) |
| | | (20% of the total blacktop road is considered under this category (i.e., 548.88 km). |
| b) Category - II (Poor maintenance) | : | Rs. 76.84 cr / annum |
| | | (@ Rs. 35 lakh / km for 219.55 km) |
| | | (40% of the total blacktop road is considered under this category (i.e., 1097.76 km). |
| c) Category - III (Very poor maintenance) | : | Rs. 153.68 cr / annum |
| | | (@ Rs. 70 lakh / km for 219.55 km) |
| | | (40% of the total blacktop road is considered under this category (i.e., 1097.76 km). |

Total fund required for Periodical maintenance : Rs. 257.96 crore

3. **EMERGENCY MAINTENANCE / (Flood / Monsoon damage)** : - This is to cater unforeseen damages which occurs usually due to flood or heavy monsoon. As this is of unforeseen nature which differs from year to year. It is not possible to assess the exact requirement of fund for this type of repair. This may covers emergency works like immediate/ temporary restoration such as landslip clearance, permanent restoration such as construction/ reconstruction of retaining walls and culverts, restoration of formation collapsed, etc.

Fund required for Emergency works : Rs. 16.13 crore / annum
(@ 60% of Normal maintenance)

Then, the total fund requirement comes to be Rs. 300.97 crore/annum. Whereas, maintenance fund available during 2017-2018 is Rs. 39.50 crore (which is merely 13.12% only).

(This is copy of brief report submitted for clarification sometime back)

PUBLIC WORKS DEPARTMENT

QUALITY POLICY

We, at Mizoram PWD, are committed to construct, maintain and provide technical services for infrastructural facilities as per the qualitative, quantitative and timely requirement of the stakeholders and enhance stakeholder's satisfaction through continual improvement and meeting statutory and regulatory requirement.

2019

ANNUAL REPORT

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PUBLIC WORKS DEPARTMENT
GOVERNMENT OF MIZORAM

GOVERNMENT OF MIZORAM
PUBLIC WORKS DEPARTMENT

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PUBLIC WORKS DEPARTMENT
GOVERNMENT OF MIZORAM,
TUIKHUAHTLANG, AIZAWL
PIN - 796 001

Website : <http://www.pwd.mizoram.gov.in>

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Frontcover picture : Ch 0+550 to 0+560 (RHS), Bio-Engineering works at Dumping Site of Tlabung-Kawrpuchhuah; Ch 2+500, Geotextile laying before WBM layer, Champhai-Zokhawthar; CH 4+050-4+100, Providing Geo Texttile before laying WBM-1st layer compaction of GSB at Chhumkhum - Chawngte Road.



Engineer-in-Chief
Public Works Department
Government of Mizoram
Mizoram : Aizawl



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MESSAGE

It is a pleasure to note that PWD Annual Report for the year 2017 - 2018 is ready for publication where the achievements of the Department are highlighted. I wanted to compliment and congratulate members of the Editorial Board for their sincere efforts in bringing out the Annual Report.

It is a known fact that works taken up by PWD are always a team work and utmost effort needs to be taken by all concerned at all levels.

In order to have good quality basic infrastructure in the field of road construction, the parameters viz., correct survey, good and quality DPR, materials availability and construction management as a result of short working period have to be considered in order to achieve the physical target in time.

It is noticed in the recent past that tremendous achievement has been made in building sector, however, more concerted and dedicated efforts needs to be taken in road surface maintenance by the field staff. The absence of good quality aggregates has been a problem in the field of road construction and this problem needs to be addressed immediately by all concerned.

With a strong and dedicated team work, it is hope that Engineers will build better infrastructure for the development of Mizoram in future.

Dated Aizawl
The 7th December, 2018


(R. VANLALTLUANGA)



Editorial Board

- Editor-in-Chief : Ar. George Lalzuia, Chief Architect (middle)
- Joint Editors : Er. Robin Lalrinawma Sr. EE, NH Division-III (not in pic.)
Er. K. Lalbiakthanga, EE (Proc.), PIU-World Bank (left)
Er. B. Vanlalhruaii, EE (Proc.), PIU-Asian Dev. Bank (not in pic.)
Er. Lalnunnema Tochwawng, HRDM (right)

EDITORIAL

I expressed my gratitude to Engineer-in-Chief for giving valuable message to this year publication of Report. His words will greatly inspire us in serving the State of Mizoram.

My predecessor Er. John Rammawia Chief Engineer (Roads) (Rtd.) was doing a very very good job by being the editor-in-chief for the many previous issues of Annual Reports. On behalf of the editorial board and myself we deeply miss him, and would like to continue publishing our Annual Report under his guidance. We wish him a happy and peaceful retired life.



During this year, the volume of recorded Expenditure is Rs 1,698.00 cr. Expenditure of SARDP-NE is added this year which was not included in the previous year. Thus, Rs 512.61 cr from National Highway Fund is received with its revenue of Rs 18.95 Cr.

There is some improvement for Maintenance Fund (i.e. repairing fund for existing State Roads). Rs 39.50 cr was expended this year compared to Rs 36.70 cr last year. Meanwhile, a small portion of NEDP Fund was utilized for Maintenance of some selected Roads.

1. ORGANISATION

Engineer-in-Chief is the head of the Department as a whole and having three Chief Engineers on zonal basis i.e. Roads, Buildings & Highways, one Chief Architect and Mizoram Road Fund Board Secretariat (MRFBS). Engineer-in-Chief is assisted by one Chief Engineer (Planning) in the Office. There are 8 circle offices and two PIUs each headed by SEs level & above. There are 29 working Divisions headed by EEs and 82 Sub-Divisional Offices headed by SDOs.

Further, Mizoram Road Fund Board Secretariat was recently created and headed by Chief Executive Officer to look after Maintenance Fund of State Roads.

2. RSMP

For implementation of the Road Sector Modernization Plan activities, RSMP - Working Group Committee chaired by the Engineer-in-Chief, PWD was formed on 7th May, 2015 with members of senior Officers in the Committee. For effective implementation of the activities, 5 RSMP - Sub Group Committees were also formed with each Sub-Groups having specific tasks.

3. Highlight of Achievements :

Some of the achievements may be summarised in short as below;

A. ROAD SECTOR :

- i) More repairing of various roads had been undertaken compared to previous years under Maintenance Action Plan, SPP and NEDP. This is due to the added fund from NEDP scheme,
- ii) Many landslides were restored in Aizawl and other parts of the States,
- iii) Since inception of PMGSY Scheme in Mizoram, a total of 299 different roads for a length of 3790.48 kms have been covered benefitting 198 nos. of habitations, 39nos of roads for a length of 767.89 kms have been completed upto black-topping stage benefitting 44 nos. of habitations.
- iv) With starting new projects, most of the projects taken up under NABARD, NEC, NLCPR, CRF are in good progress.

B. HIGHWAY SECTOR :

- i) Realignment, Geometrical improvement, IRQP, bridge improvement and 2-laning of various roads are taken up under Highway original works and Periodical Repair works,

ii) Under SARDP-NE, widening to 2-laning, realignment, bridge, R/wall, Culverts and geometrical improvement of roads and MultiModal project works are taken up in great progress,

C. Externally Aided Project (EAP) - PIU :

i) Under Mizoram State Roads II Regional Transport Connectivity (World Bank) Project, Improvement and Up-gradation of Champhai - Zokhawthar (27.25 Km) 52% physical completed, Chhumkhum - Chawngte (41.53 Km) 34% completed, Tlabung - Kawrpuichhuah (12.00 Km) 21% completed are taken up and in great progress.

ii) While Junction NH 44A (originating) passing through Chungtlang-Darlung-Buarpui, Buarpui - Thenzawl - Buarpui, Chawngte including bridge to Bungtlang South up to Multimodal road junction and Zawlpui -Phairuankai are in review stage of DPR submission.

iv) Whereas under ADB Scheme, Intermediate Lane of Serchhip-Buarpui road is in good progress having overall physical progress of 50.14%.

D. BUILDING SECTOR

Prominent buildings like DIET Building at Thingkah & Siaha, Multipurpose building of SCERT, Multilevel parking, community centre & Office complex at Aizawl North, Staff Quarters & DIET building at Mamit, PHC building at West Phaileng, Indoor Stadium at Keitum, Taxation Directorate building at NSC, Staff Quarters at Champhai have been completed.

4. HUMAN RESOURCE MANAGEMENT

There is no record of death among the Officers & Staff. As per last year record, a total of Regular Staff 2168 (total post), workcharged 391 and MR 991 were working in the Department. This year is having a record of 2174 total post with 1201 sanction post. Presently, 2558 employees are working in which regular Staff counts for 1176, workcharged 391 and MR 991.

- i) 2 new employees are recruited on co-terminus basis compared to last year of 17 employees,
- ii) 4 Officers and 58 Staff got promotion and upgradation of 12 Staff are attained,
- iii) 14 nos. IV Grade got confirmed,
- iv) 55 Staff got superannuation pension this year compared to 52 last year,
- v) 2 Officers and 14 Staff were expired compared to last year of 26 employees expired in total.

PWD is always committed in fulfilling its role and responsibility entrusted as government agency for providing reliable and quality roads, bridges, buildings and other infrastructures in the State. It is true to say that there is a continuous improvement in regard to organization and other activities.



GEORGE LALZUIA
Editor-in-Chief
cum
Chief Architect
Public Works Department
Government of Mizoram

Chapter 1

ACHIEVEMENT

under Chief Executive Officer, Mizoram Road Fund Board Secretariat

The Mizoram Road Fund Act 2007 was introduced on 5th April 2007 for establishing the Mizoram Road Fund to make better provision for the rehabilitation, maintenance and repair of roads, giving priority to the core network; and providing for the appointment of a Road Fund Board to administer the Fund , formulate and co-ordinate road planning, approve the road funding program and make recommendations to the Government on road network, road safety and traffic management policies and strategies for the State.

The Act was amended and published in the Mizoram Gazette on 9th Sept 2016 and was named The Mizoram Road Fund (Amendment) Act 2016. The Act provides the Board consisting of the following persons:-

(a) Minister, PWD	- Chairman
(b) Chief Secretary	- Vice Chairman
(c) Principal Secretary/Secretary, PWD	- Member Secretary
(d) Financial Commissioner/Secretary	- Member
(e) Principal Secretary/Commissioner, Planning	- Member
(f) Secretary, Law & Judicial Department	- Member
(g) Secretary, Transport Department	- Member
(h) Secretary, CR & SD	- Member
(I) Engineer -in- Chief, PWD	- Member
(J) Commissioner, AMC	- Member
(K) Inspector General Police	- Member
(l) Chief Engineer Roads, PWD	- Member
(m) Chief Engineer Highways, PWD	- Member
(n) Chief Engineer Buildings, PWD	- Member
(o) Director, Transport Department	- Member
(p) Commissioner, Taxation Department	- Member
(q) 3 Representatives from stake holder	- Nominated Member
(r) 4 Representatives from NGOs	- Nominated Member

Pursuant to the Act, the Mizoram Road Fund Rules 2017 was made, approved and Notification of the Rules issued on 16.06.2017. The Rules provide Executive Committee with the following members:-

1. Principal Secretary/Secretary, PWD	- Chairman
2. Addl. Secretary(Budget), Finance Department	- Vice Chairman
3. Engineer-in Chief, PWD	- Member Secretary
4. Chief Engineer Roads, PWD	- Member
5. Chief Engineer, Highways PWD	- Member
6. Chief Engineer, Buildings PWD	- Member
7. Representative from stake holder and NGOs	- 1 each

The Mizoram Road Fund Board Secretariat was established and started functioning from 11th April 2018 vide *No.H-11018/11/2018-PWD(E), Dt. 11.04.2018* with existing establishment of Mechanical Circle. To facilitate the functioning, one Executive Engineer (Civil) and one Assistant Engineer (Civil) are attached in the establishment on temporary posting. The Accounts Officer in E-in-C, PWD's Office is also assigned to act as the Accounts officer of the Board Secretariat.

The present strength of the Secretariat is as follows:-

- | | |
|----------------------------|---------|
| 1. Chief Executive Officer | - 1no |
| 2. Executive Engineer | - 1 no |
| 3. Assistant Engineer | - 2 nos |
| 4. Accounts Officer | - 1 no |
| 5. Head Assistant | - 1 no |
| 6. JE | - 1 no |
| 7. UDC | - 1 no |
| 8. LDC | - 2 nos |
| 9. IVth Grade | - 4 nos |

The main functions of the Mizoram Road Fund Board Secretariat are:-

1. Collection of proposals for Annual Maintenance Action Plan from PWD working Divisions which are to be considered in the current Financial Year.
2. Unit Rates for each working Division for Maintenance items have been worked out, considering haulage of materials. Based on this Unit Rates, Maintenance Action Plan of each Division has been formulated.
3. The proposals submitted by Working Divisions was visited randomly for the following:-
 - a) Sinking area of Saitual-Phullen Road
 - b) Bawngkawn to ITI Road
 - c) Gabion wall proposal on Aizawl-Thenzawl-Lunglei Road
4. The First Board Meeting was Held on 20th September 2018 in the Chief Minister's Conference Room to decide agenda paper presented by the Secretariat and the Board approved the Agenda as shown below:
 - (i) Expo-facto Approval for Normal maintenance of Roads already issued by E-in-C PWD for the 1st and 2nd Quarters amounting to Rs. 449.80 lakh
 - (ii) Approval for Normal maintenance of Roads for the 3rd and 4th Quarters amounting to Rs. 449.80 lakh
 - (iii) Approval for Maintenance of Completed PMGSY Roads amounting to Rs. 135.09 lakh
 - (iv) Approval for Maintenance Action Plan for the year 2018-19 amounting to Rs. 2936.18 lakh
 - (v) The need for Amendment of Road Fund Act and Rules also approved in principle

Photo: Mizoram Road Fund Board Meeting dt 20th Sept 2018 at CM's Conference Room



Photo: CEO and his team inspecting Saitual - Phullen Road



Photo: Location of Proposed Gabion Wall on Aizawl - Thenzawl - Lunglei Road

Chapter 2

PERFORMANCE INDICATORS

The following tables are shown to provide an overview of the performance of the Mizoram PWD for the year 2017-2018 in relation to program delivery, financial management, asset management and human resources development.

1 ROAD NETWORK ASSETS, ROAD LENGTH by CLASS, SURFACE AND CONDITION :

<i>Sl.No</i>	<i>Name of Roads</i>	<i>Road Length</i>	<i>Black Top</i>	<i>Unsurface</i>
1	National Highway	1410.500	1322.500	88.000
2	State Highway	170.200	170.200	
3	Major District Road	502.300	440.300	62.000
4	Other District Road	764.730	580.330	184.400
5	Village Road	1695.117	563.234	1131.883
6	Road within Towns & Villages	849.326	629.116	220.21
7	City Road	353.706	315.238	38.468
	Total under State PWD	5745.879	4020.918	1724.961

2 ROAD ASSETS :

<i>Road Assets</i>	<i>Road Length</i>	<i>Black Top</i>	<i>Unsurface</i>
State PWD Roads	5745.879	4020.918	1724.961
Road under BRO	896.315	609.625	286.690
Road Under CPWD	175.600	175.600	0.000
Road under other Departments	419.900	419.900	0.000
Grand Total	7237.694	5226.043	2011.651

3 Bridges by Types :

The following Bridges are recorded at present.

<i>Srl. No.</i>	<i>Classification</i>	<i>Number of Bridges</i>
1	Reinforced Cement Concrete (RCC) Bridge	41
2	Pre-Stressed Concrete (PSC) Bridge	15
3	Built-up Steel Girder (BUSG) Bridge	29
4	Stiffened Steel Girderder Suspension Bridge/Cable stayed	3
5	Bailey Bridge (<i>Temporary</i>)	45
6	Timber Bridge (<i>Temporary</i>)	3
	Total	136

4 PRIVATE SECTOR PARTICIPATION :

<i>Category</i>	<i>Number of Contractors Registered</i>
Class - I	162
Class - II	215

5 PWD PLANTS AND EQUIPMENTS :

The following plants and equipments are recorded as property of Department.

<i>Sl. No.</i>	<i>Name of Machinery</i>	<i>Numbers</i>	<i>Remarks</i>
1	Road Roller	81	24 numbers in unserviceable condition
2	Mini Tandem Vibratory compactor	4	
3	JCB excavator cum loader	15	7 numbers in unserviceable condition
4	Tipper & Truck	19	6 numbers in unserviceable condition
5	Spot mix plant	2	1 number in unserviceable condition
6	Hot mix plant	4	
7	Air Compressor	5	5 numbers in unserviceable
8	Stone crusher	1	1 number in unserviceable condition
	Total	131	

6 BUILDINGS MAINTAINED BY PWD :

The following Buildings were recorded in the Department.

<i>S/No</i>	<i>Name</i>	<i>Type of Buildings</i>						<i>Total Nos. of Buildings</i>
		<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>	<i>VI</i>	
1	2	3	4	5	6	7	8	9
	Residential Buildings :							
1	Assam Type	463	682	264	103	43	6	1,561
2	Semi-Permanent /Semi RCC	57	82	72	33	17	1	262
3	Permanent / RCC	112	226	171	91	55	16	671
	Grand Total							2,494

7. ROAD DENSITY :

As per latest record, the area of Mizoram is 21081 Sqkm (new Statistics record). **The total length of all classes of roads in Mizoram is 7237.694 km in which total length of all State Roads is 4335.379 km and Highway is 1410.500 km.** Thereby; the road density in Mizoram is **34.33 kms/100 sqkm** which is far below the national level of 148.00 kms per 100 sqkm.

8. ABBREVIATIONS :

NH :	National Highways	SH	:	State Highways
MDR :	Major District Roads	ODR	:	Other District Roads
VR :	Village Roads	RTV	:	Roads within Towns & Villages
City Road:	Roads within Aizawl City.	MT	:	Metric Tonne

Chapter 3

ORGANIZATION OF MIZORAM PWD

The Mizoram PWD is headed by one Engineer-in-Chief and divided into three functional zones each headed by Chief Engineer i.e. Roads, Highways & Buildings, one Chief Architect and Mizoram Road Fund Board Secretariat. The Office of Engineer-in-Chief located at Tuikhuahtlang, Aizawl is assisted by one Chief Engineer (Planning). Apart from the head offices, the present number of other Sub-Offices are shown below :

- a) 8 Circle offices & two PIUs each headed by Project Directors,
- b) 29 Divisional Offices each headed by Executive Engineer (EE) and
- c) 83 Sub-Divisional Offices each headed by Sub-Divisional Officer (SDO)

Details are shown below along with their locations :-

S/N	NAME OF OFFICE	LOCATION
1. HEAD OFFICES		
1	Secretariat	Tuikhuahtlang, Aizawl
2	Engineer-in-Chief	Tuikhuahtlang, Aizawl
3	Mizoram Road Fund Board	Tuikhuahtlang, Aizawl
4	Chief Engineer, Roads	Tuikhuahtlang, Aizawl
5	Chief Engineer, Highways	Tuikhuahtlang, Aizawl
6	Chief Engineer, Buildings	Tuikhuahtlang, Aizawl
7	Chief Architect	Tuikhuahtlang, Aizawl
2. CIRCLE OFFICES		
1	Eastern Circle	Laipuitlang, Aizawl
2	Western Circle	Laipuitlang, Aizawl
3	National Highway Circle-I	Ramhlun PWD Mual, Aizawl
4	National Highway Circle-II	Laipuitlang, Aizawl
5	Central Circle	Treasury Square, Aizawl
6	Project Circle	Treasury Square, Aizawl
7	Lunglei Circle	Bazar Veng, Lunglei
8	Multi Modal Project Circle	Chawnhu, Lawngtlai
9	Project Implementation Unit (PIU) (World Bank & Asian Development Bank (ADB) aided Mizoram State Roads Project)	Tuikhuahtlang, Aizawl
3. DIVISION OFFICES		
1	Aizawl Electrical Division	Laipuitlang, Aizawl
2	Electrical Division, Lunglei	Rahsi Veng, Lunglei
3	Quality Control Division	Zuangtui, Aizawl
4	National Highway Division - I	Ramhlun PWD Mual, Aizawl
5	National Highway Division - II	Ramhlun PWD Mual, Aizawl
6	National Highway Division -III	Ramhlun PWD Mual, Aizawl
7	National Highway Division -IV	Lunglei
8	National Highway Division -V	Thingdawl
9	Multi Modal Project Division	Chawnhu, Lawngtlai

S/N	NAME OF OFFICE	LOCATION
10	Kolasib Division	Kolasib
11	Project Division - I	Treasury Square, Aizawl
12	Project Division - II	Laipuitlang, Aizawl
13	Project Division - III	Babutlang, Aizawl
14	Aizawl Building Division	Treasury Square, Aizawl
15	Lunglei Building Division	Bazar Veng, Lunglei
16	Mechanical Division, Aizawl	Laipuitlang, Aizawl
17	Aizawl Road North Division	Laipuitlang, Aizawl
18	Aizawl Road South Division	Treasury Square, Aizawl
19	Lunglei Division (Road)	Bazar Veng, Lunglei
20	Tlabung Division	Zodin, Tlabung
21	Saiha Division	Saiha
22	Lawngtlai Division	Lawngtlai
23	Kawrthah Division	Kawrthah
24	Mamit Division	Mamit
25	Hmuifang Division	Aibawk
26	Serchhip Division	Serchhip
27	Saitual Division	Saitual
28	Khawzawl Division	Khawzawl
29	Champhai Division	Champhai
4. SUB-DIVISIONAL OFFICES		
1	Electrical Sub-Division Aizawl	Laipuitlang
2	Aizawl Rural Electrical Sub-Division East	Laipuitlang, Aizawl
3	Aizawl Rural Electrical Sub-Division West	Laipuitlang, Aizawl
4	Lunglei Electrical Sub-Division	Rahsi Veng, Lunglei
5	Saiha Electrical Sub-Division	Saiha
6	Quality Control Sub-Division - I	Zuangtui, Aizawl
7	Quality Control Sub-Division - II	Zuangtui, Aizawl
8	Quality Control Sub-Division - III	Zuangtui, Aizawl
9	Quality Control Sub-Division - IV	Chanmari, Lunglei
10	Store Sub-Division	Zuangtui, Aizawl
11	National Highway Sub-Division - I	Ramhlun PWD Mual, Aizawl
12	National Highway Sub-Division - II	Mamit
13	National Highway Sub-Division - III	Darlawn
14	National Highway Sub-Division - IV	Ramhlun, PWD Mual, Aizawl
15	National Highway Sub-Division-V	Ramhlun, PWD Mual, Aizawl
16	National Highway Sub-Division-VI	Ramhlun, PWD Mual, Aizawl
17	National Highway Sub-Division-VII	Ramhlun, PWD Mual, Aizawl
18	National Highway Sub-Division-VIII	Ramhlun, PWD Mual, Aizawl
19	Vairengte Sub-Division	Vairengte
20	Bairabi Sub-Division	Bairabi
21	Thingdawl Sub-Division	Kawlkuh
22	KST Road Sub-Division	Ngopa
23	Multi Modal Project Sub-Division - I	Chawnhu
24	Multi Modal Project Sub-Division - II	Chawnhu
25	Multi Modal Project Sub-Division - III	Chawnhu

S/N	NAME OF OFFICE	LOCATION
26	Aizawl Mechanical Sub-Division	Laipuitlang, Aizawl
27	Lunglei Mechanical Sub-Division	Lunglei
28	Aizawl Road North Sub-Division - I	Laipuitlang, Aizawl
29	Aizawl Road North Sub-Division - II	Laipuitlang, Aizawl
30	Aizawl Road North Sub-Division - III	Laipuitlang, Aizawl
31	Road Protection Sub-Division	Treasury Square, Aizawl
32	Aizawl Road South Sub-Division - I	Treasury Square, Aizawl
33	Aizawl Road South Sub-Division - II	Treasury Square, Aizawl
34	Aizawl Road South Sub-Division - III	Treasury Square, Aizawl
35	Inland Water Transport (IWT) Sub-Division	Treasury Square, Aizawl
36	Project Sub-Division - I	Treasury Square, Aizawl
37	Project Sub-Division - II	Treasury Square, Aizawl
38	Project Sub-Division - III	Treasury Square, Aizawl
39	Project Sub-Division Mamit (V)	Mamit
40	Project Sub-Division Kolasib (VI)	Kolasib
41	Project Sub-Division Hqrs	Laipuitlang
42	Project Sub-Division Serchhip (VII)	Serchhip/Babutlang, Aizawl
43	Project Sub-Division Champhai (IV)	Champhai/Babutlang, Aizawl
44	Project Sub-Division - VIII	Babutlang, Aizawl
45	Aizawl Building Sub-Division Headquarters	Treasury Square, Aizawl
46	Aizawl Building Sub-Division North	Laipuitlang, Aizawl
47	Aizawl Building Sub-Division South	Treasury Square, Aizawl
48	Estate Sub-Division	Treasury Square, Aizawl
49	Lunglei Building Sub-Division - I	Bazar Veng, Lunglei
50	Lawngtlai Bldg. Project Sub-Division	Lawngtlai
51	Saiha Bldg Sub-Division	Saiha
52	Serchhip Sub-Division	Serchhip
53	North Vanlaliphai Sub-Division	North Vanlaiphai
54	Saitual S&I Sub-Division	Saitual
55	Suangpuilawn Sub-Division	Suangpuilawn
56	Sakawrdai Sub-Divisiuon	Sakawrdai
57	Khawzawl Sub-Division	Khawzawl
58	Kawlkulh Sub-Division	Kawlkulh
59	NEC Sub-Division	Champhai
60	Champhai Sub-Division	Champhai
61	Sateek Sub-Division	Aibawk
62	Thenzawl Sub-Division	Thenzawl
63	Sialsuk Sub-Division	Sialsuk
64	Mamit Sub-Division	Mamit
65	West Phaileng Sub-Division	West Phaileng
66	Kawrthah Sub-Division	Kawrthah
67	Tuidam Sub-Division	Tuidam
68	Kanhmun Sub-Division	Kanhmun
69	Kolasib Sub-Division	Kolasib
70	Bilkhawthlir Sub-Division	Bilkhawthlir
71	Kawnpui Sub-Division	Kawnpui

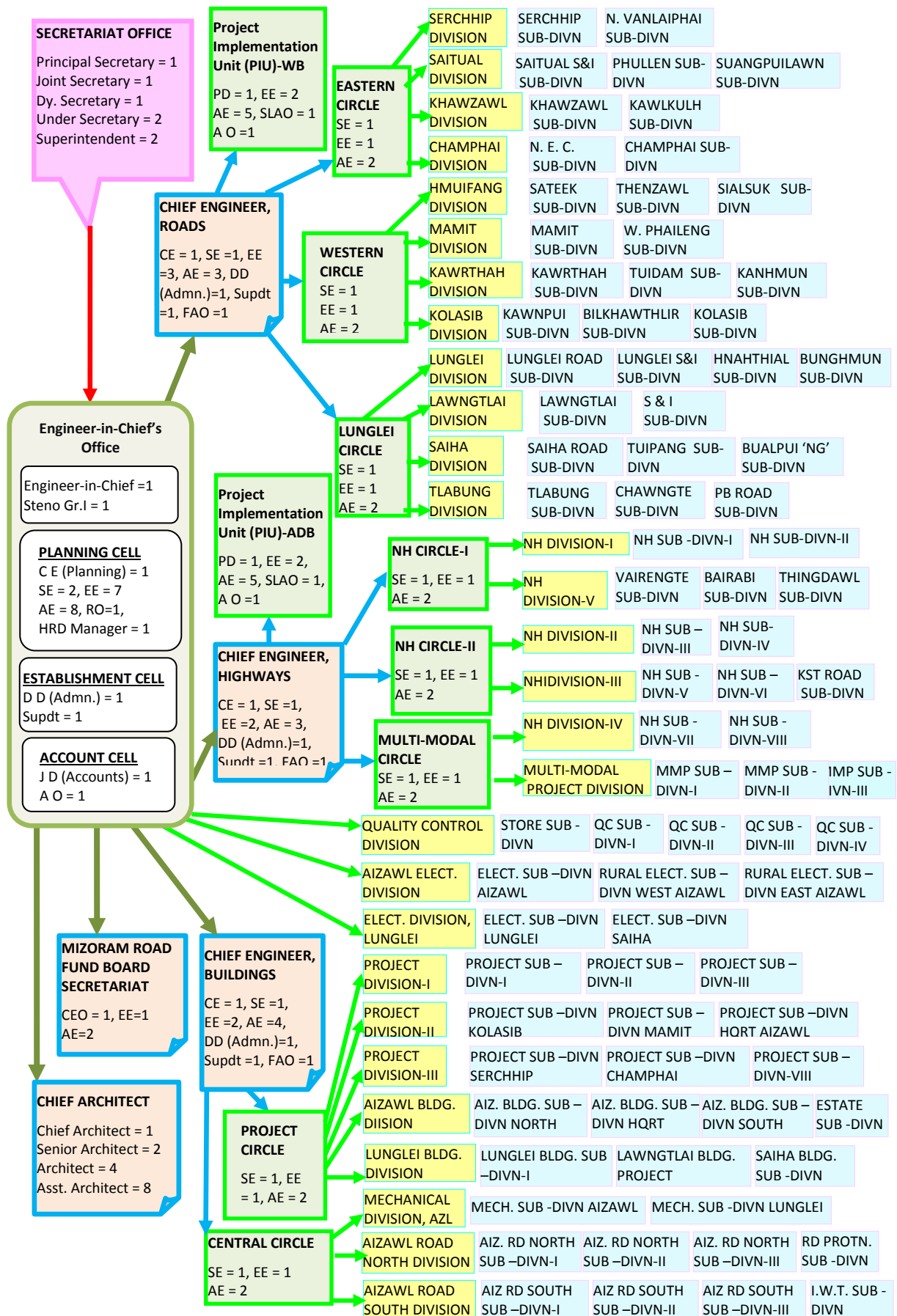
S/N	NAME OF OFFICE	LOCATION
72	Lunglei S&I Sub-Division	Bazar Veng, Lunglei
73	Lunglei Road Sub-Division	Bazar Veng, Lunglei
74	Hnahthial Sub-Division	Hnahthial
75	Bunghmun Sub-Division	Bunghmun
76	Lawngtlai Sub-Division	Lawngtlai
77	S&I Sub-Division	Lawngtlai
78	Saiha Road Sub-Division	Saiha
79	Tuipang Sub-Division	Tuipang
80	Bualpui NG Sub-Division	Bualpui NG
81	Tlabung Sub-Division	Tlabung
82	P.B. Road Sub-Division	Lungsen
83	Chawngte Sub-Division	Chawngte

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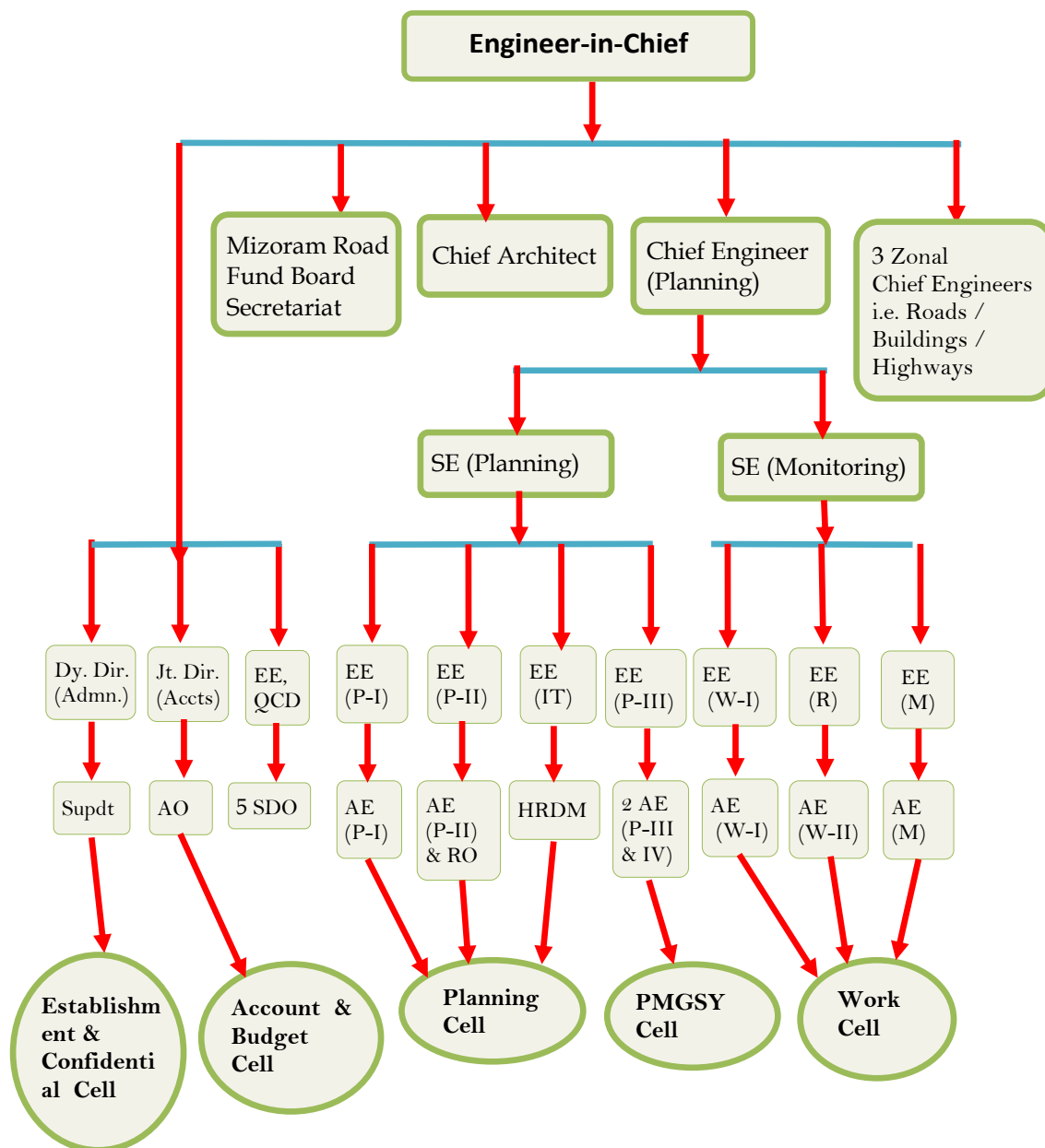


Landslide on the road

Organization Chart of Mizoram PWD as on 2018



Organization Chart of E-in-C's Office, Mizoram PWD as on 31.03.2018



ABBREVIATION

1. SE = Superintending Engineer, EE = Executive Engineer, Jt. Dir = Joint Director, Dy. Dir= Deputy Director, AE= Assistant Engineer, RO= Research Officer, HRDM= Human Resource Development Manager, Supdt= Superintendent, AO= Account Officer, SDO= Sub-Divisional Officer.
2. P= Planning, IT=Information Technology, W= Works, M= Monitoring, R= Resource, Admn.= Administration, Acct= Accounts, QCD= Quality Control Division.

Chapter 4

MISSION AND ROLE OF THE PUBLIC WORKS DEPARTMENT

The State PWD is divided into three functional zones, viz, Roads, Highways & Buildings, one Chief Architect and Mizoram Road Fund Board Secretariat. Each of the three zones is headed by Chief Engineer.

The Roads Zone is responsible for

- the efficient planning and delivery of road projects and programs on time, to agreed scope and budget; and
- efficient maintenance and development of all State roads (excepting the nominated projects and National Highways managed by the Highways zone and urban roads in Aizawl managed by the Buildings zone)

The Highways Zone is responsible for

- the efficient planning and delivery of major projects on time, to agreed scope and budget;
- efficient maintenance and development of State-managed National Highways; and
- efficient and effective management and utilisation of mechanical plant and equipment of the PWD in support of the road network.

The Buildings Zone is responsible for

- the efficient planning and design of Mizoram State Government buildings to safely and efficiently meet the functional requirements of the occupant and the Departments;
- construction and maintenance of Mizoram State Government Buildings on time, to agreed scope and budget;
- development of standards for Mizoram State Government buildings, recognising appropriate national and international practices for design, construction and maintenance.

**PUBLIC WORKS DEPARTMENT
MIZORAM**

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AIMS & OBJECTIVES

Mizoram PWD is having a proper aim, vision, a well comprehensive Objectives, etc. as below :-

a. VISION :

To meet the states' need for the provision and management of the state roads network and building infrastructures to the best standards within the strategic policy framework set by the Govt. of Mizoram and thus promote the economic well being and the quality of life of the people.

b. OBJECTIVES :

The followings are the main objectives of the department :-

- Construction & Maintenance of roads.
- Construction & Maintenance of government buildings.
- Monitoring of works.
- E-governance and transparency.

c. QUALITY POLICY :

We, at Mizoram PWD, are committed to construct, maintain and provide technical services for infrastructural facilities as per the qualitative, quantitative and timely requirement of the stakeholders and enhance stakeholder's satisfaction through continual improvement and meeting statutory and regulatory requirement.

d. AIM :

- i) To construct and maintain standard quality highways, city, town and village roads, bridges, buildings and other public infrastructures.
- ii) Plan, design, construct & maintain a safe and cost effective network of highways, city, town & village roads, bridges and buildings.
- iii) Providing road connectivity to inaccessible and tough terrain areas for equitable development.
- iv) Evolve a policy mechanism for development of roads with a quest for excellence through research and development;
- v) To improve and provide quality roads / bridges / buildings at competitive cost and designing of building as per local architecture using locally available materials with optimum cost.

e. MISSION :

- i) We Survey, Plan, Design, Estimate and execute various classes of roads as well as government buildings and other infrastructural facilities all over the state.
- ii) We award contracts for road and building works in a transparent manner following codal formalities.
- iii) We undertake preventive maintenance, repairs, renovations of roads, buildings and other Govt. infrastructures with the acutely limited fund allocated to us.
- iv) We extend services such as water supply, electricity, air conditioning, lifts and fire fighting, rain water harvesting and landscaping.
- v) We provide employment to the people at various levels and categories.
- vi) We send different categories of employees for essential training programmes to various institutions all over the country.
- vii) We furnish information and assistance to the needy people in connection with the functioning of the department and related matters.



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MIZORAM PWD VISION - 2030

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The following development strategies are selected and considered for formulation of vision documents for the country for 15 years up to 2030. The same is prepared in respect of Mizoram PWD and submitted for consideration of NITI Aayog, Government of India.

1. Completion of on-going projects :
 - a. Mizoram State Roads II - Regional Transport Connectivity Project (MSRII-RTCP)
 - b. Construction of Road under Asian Development Bank (ADB)
 - c. Pradhan Mantri Gram Sadak Yojana (PMGSY)
 - d. Kaladan Multi Modal Transit Transport Project (KMMTTP)
 - e. Improvement of Lunglei - Tlabung road NH 302
 - f. Improvement of Keifang - Saichal - Ngopa - Khawkawn - Tuivai
 - g. Improvement of NH 44 'A'
 - h. Improvement of NH 154
 - i. Construction of Vairengte - Zohmun - N. Vervek NH 306 'A'
2. East - West Connection
3. Conversion of all temporary/ weak bridges to permanent bridge
4. Connection of all neighbouring state capitals from Aizawl with 4-lane road
5. Connection of all District headquarters with a 2-lane road
6. Construction of Aizawl ring road
7. Construction of Lunglei ring road
8. Construction of new Township for Aizawl
9. Construction of a new Airport in South Mizoram
10. Improvement and strengthening of all district and village roads
11. Development of Ropeway
12. Construction of Complex / Quarters for Government employees at District Headquarter
13. Improvement of Inland Water Transport (IWT) in the State

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Chapter 5

ACHIEVEMENTS ON ROAD SECTORS (State Roads)

Chief Engineer (Roads) is looking after all the constructions and maintenances of Roads in Rural Areas (outside of Aizawl City) excepting National Highways, Mizoram State Road Projects (MSRP) under World Bank Loan & ADB and Roads under Kolasib Division. On the other hand, Chief Engineer (Buildings) is looking after Aizawl City Roads.

Construction and maintenance of roads and bridges in the State are the main subjects of Public Works Department. Every effort has been made to provide good roads to the public users for all round development within the available fund.

I. Under NEDP Programme :

The following works are executed for improvement and maintenance of various roads;

PROGRESS OF WORKS UNDER NEDP DURING 2017-2018

(Rs. in lakh)

Sl. No	Name of work	Allocation during 2017-18	Progress upto March ending 2018		Remarks
			Phy (%)	Fin (Rs)	
1	2	3	4	5	6
I	PROJECT ALREADY APPROVED DURING 2016-2017 & ALLOCATED DURING 2017-2018				
1	Construction of approach road to Golf Course at Thenzawl	234.00	100%	217.38	Completed
2	Construction of approach road to NIT at Lengpui	185.00	28%	51.90	Work in progress
3	Construction of Jeepable road from Khatla South – Khatla East	100.00	100%	100.00	Completed
	Sub Total :	519.00		369.28	
II	IMPROVEMENT OF INTERNAL ROADS WITHIN DISTRICT HEADQUARTERS IN MIZORAM (800.00 lakh)				
1	Improvement of roads within District Headquarters				
	i) Lunglei	70.00	100%	70.00	Completed
	ii) Saiha	55.00	100%	55.00	Completed
	iii) Champhai	55.00	100%	55.00	Completed
	iv) Serchhip	55.00	100%	55.00	Completed
	v) Kolasib	55.00	100%	55.00	Completed
	vi) Lawngtlai	55.00	100%	55.00	Completed
	vii) Mamit	55.00	100%	55.00	Completed
2	Rehabilitation of approach road to Rajiv Gandhi Stadium and R.Dengthuama Indoor Stadium at Mualpui	91.05	100%	91.05	Completed
3	Pavement of Zotlang internal road, Champhai	100.00	100%	100.00	Completed

4	Construction of Lined Side drain and reconstruction of collapsed retaining wall within Lawngtlai Town	74.20	100%	74.20	Completed
5	Resurfacing in patches and full seal coat from ITI to R.Dengthuama Stadium, Mualpui	65.00	100%	65.00	Completed
6	Construction of Side Drain cover for City road	33.94	100%	33.94	Completed
7	Construction of approach road to Social Guidance Agency Centre at Sakawrtuichhun	35.81	30%	11.00	Work in progress
	Sub Total :	800.00		775.19	
III	CONSTRUCTION / IMPROVEMENT OF CRITICAL DEVELOPMENT ROADS / IMPROVEMENT OF CONNECTIVITY (PWD) BETWEEN VILLAGES / TOWN / CITY (5000.00 lakh)				
1	Improvement of Buarpui to Bungmun via Thenhlum	300.00	36%	463.85	Work in progress
2	Improvement of Phairuang to Thenhlum road via Zawlpui and Phairuang to Zawlpui road	2700.00	24%	916.00	Work in progress
3	Improvement / Construction of Khanpui to Tualbung road	2000.00	5%	68.00	Work in progress
	Sub Total :	5000.00		1447.85	
IV	INFRASTRUCTURE DEVELOPMENT (OPERATION & MAINTENANCE) a) Roads (roads within city, town, villages) (5000.00 lakh)				
1	Construction of PMGSY backlog project approved by SLSC				
	(i) Khuangleng – Bungzung road	284.54	98%	284.54	Work in progress
	(ii) Chhawrtui – Rullam road	249.50	100%	249.50	Completed
	(iii) Puilo – Chhawrtui road	18.85	100%	18.85	Completed
2	Construction of Horticulture College approach road at Thenzawl	269.55	100%	349.55	Completed. Rs. 80.00 lakh was met from State plan
3	Construction of approach road to Govt. Housing Complex at Luangmual	177.60	40%	23.00	Work in progress
4	Widening & Strengthening to 2-lane of approach road to Lengpui Airport from Km 11.00 of NH 44A upto Terminal Entrance (Leng = 1.080 kms)	150.00	80%	150.00	Work in progress
5	Strengthening & Improvement of Rengtekawn to NH 154 (Zero point) 6.200 km	400.00	20%	200.00	AA amount = Rs. 1403.60 lakh. Physical progress based on AA amount
6	Improvement of Sihpui Junction to Theihai lui	150.00	100%	150.00	Completed
7	Pavement of BSNL to BRTF road with RCC Slab Culvert at cha. 0.615 kmp at Durtlang	41.43	100%	41.43	Completed
8	Approach road to ATC, Durtlang	50.00	100%	50.00	Completed
9	Improvement of Kawmzawl approach road	64.22	65%	42.20	Work in progress

10	R/W at Ch.0.400 kmp and ch. 1.620 kmp on W.Phaileng to Damparengpui road	20.96	100%	20.96	Completed
11	Improvement of Ramthar - Zemabawk (Thuampui) Inter Village (Town) Road	150.00	100%	150.00	Completed
12	Rehabilitation of Kamalanagar to Chhotapansury road (0.00 - 36.400 km)	101.00	50%	50.00	Work in progress
13	Repair of weak Bailey Bridges under PWD	100.00	18%	18.00	Work in progress
14	Improvement of Venghnuai road junction	40.00	3%	1.00	Work in progress
15	Pavement of DIET to Nurse Training Centre (1.820 km)	165.00	100%	165.00	Completed
16	Construction of R/wall at 1st MAP internal road at Armed veng	21.11	100%	21.11	Completed
17	Construction of pavement from Hlimen High school to melthum Middle school	15.70	100%	15.70	Completed
18	Construction of Motorable Bridge and flexible pavement from Hipheia road to MHNL at Dinthar veng	41.50	100%	41.50	Completed
19	Pavement of approach road to District Revenue Building at New secretariat Complex, aizawl	9.05	100%	9.05	Completed
20	Construction of Link drain for slab culvert at Brigade road, Bawngkawn	4.50	100%	4.50	Completed
21	Improvement of approach road to Govt. Godown at Sentlang, Lungdai	67.00	100%	67.00	Completed
22	Improvement of steep gradient at ch. 2.750 kmp on Tuikhurlui to Sihpui road near sihpui	20.00	100%	20.00	Completed
23	Improvement / Blacktopping of CP road from ARCBR Rest House Chite road via Thingdawlruiam upto Chhuanliana's House, Bethlehem Vengthlang (550.00 Rm)	50.00	100%	50.00	Completed
24	Patch repair and seal coating of Bazar Bungkawn to Vaivakawn (1.30 km)	30.00	90%	18.00	Work in progress
25	Nangzasuana's House Bethel vengthar Zion Veng (Sapsakei lamlian), Champhai	20.00	100%	20.00	Completed
26	Improvement of internal road at PWD Complex, Zuangtui	25.00	100%	25.00	Completed
27	Construction of retaining Wall on Saitual - Phullen road at ch. 1.50 kmp	25.00	100%	25.00	Completed
28	Construction of W.Phaileng - Marpara road	151.92	100%	151.92	Completed
29	Improvement and pavement of Ramthar to Nghasih via Lunglei Phase - I	160.00	-	-	Tender to be floated
30	Improvement of W.Phaileng internal road	80.00	100%	80.00	Completed
31	Repair of pot holes & resurfacing of approach road to Khawrihnim	30.00	100%	30.00	Completed
32	Blacktopping of Bethlehem Vengthlang to Armed veng South	57.40	100%	57.40	Completed
33	Improvement of Bairabi - Zamuang road	50.00	100%	50.00	Completed
34	Improvement of Mamit - Bairabi road	40.00	100%	40.00	Completed
35	Improvement & widening of Venghnuai Playfield to Taivela mual road at Venghnuai	50.00	100%	50.00	Completed

36	Construction of Protection wall near ATI at New Secretariat Complex. R/wall No 1,2 & 3	19.24	100%	19.24	Completed
37	Pot hole filling and resurfacing of Ailawng internal road	9.50	100%	9.50	Completed
38	Widening of approach road to Armed Veng at Dawrpui Cemetry (Ph-II)	33.39	100%	33.39	Completed
39	Resurfacing of approach road to Saitual College (0.50 km)	9.00	100%	9.00	Completed
40	Patch repair of ITI ring road (near Presbyterian church)	15.00	100%	15.00	Completed
41	Construction of S/D on ITI to Mualpui road	20.00	100%	20.00	Completed
42	Blacktopping of P&E Veng lane-III from Quarry road to VC Road, Serchhip (554 m long x 3 m width)	50.00	100%	50.00	Completed
43	Construction of Breast Wall at ch:2.100 kmp at Aizawl Bypass road	15.00	100%	15.00	Completed
44	Construction of R/wall on Keitum to Artahkawn at ch:0.150 kmp	4.95	100%	4.95	Completed
45	SMBT of IOC to DRO Office and Lalremsanga house to Soil & Water conservation office at Serchhip (Balance work)	77.30	100%	77.30	Completed
46	SMBT of approach road to Tlangnuam at Serchhip (Balance work)	11.70	100%	11.70	Completed
47	SMBT of approach road to Catherine Booth Home, New Serchhip	4.20	100%	4.20	Completed
48	SMBT of Hmarveng YMA Hall to NH 54 Leisang (Pres church to Leisang) lane - II	5.90	100%	5.90	Completed
49	SMBT of KL Chhuanvawra house Zoram Veng to Ekclavys road	28.40	100%	28.40	Completed
50	SMBT of B.Dengkhum's house to R.Lalthanpuia's house Kikawn New Serchhip	13.20	100%	13.30	Completed
51	SMBT of Godown to Vengthar N.Serchhip (Vanlalthmuaka house to Vengthar)	72.40	100%	72.40	Completed
52	Construction of pucca side drain near PWD Complex at New serchhip	1.70	100%	1.70	Completed
53	Concrete pavement for approach road to Bawngkawn south Cemetry	45.35	100%	45.35	Completed
54	Construction of line side drain on Ramhlun S Local Council road, Ramhlun South	1.66	100%	1.60	Completed
55	Improvement of Maubawk to Nursery road (Sh: Construction of U-shaped RCC Side Drain and Retaining wall)	4.65	100%	4.65	Completed
56	Construction of R/wall at ch. 23.80 kmp, 63.900 kmp & 75.50 kmp, 67.00 kmp on West Phaileng to Marpara road.	107.83	100%	107.83	Completed
57	Resurfacing / Pavement on Khawzawl internal road	70.00	100%	70.00	Completed
58	Resurfacing works within Aizawl Road North Division	150.00	80%	120.00	Work in progress

59	Resurfacing works within Aizawl Road South Division	100.00	100%	100.00	Completed
60	Construction of protection works below ramhlun Sports Complex on Sihpui to Ramhlun Vengthar Bus turning point	78.72	100%	78.72	Completed
61	Construction of Lalthanhawla High School approach road at Serkhan, Mizoram	42.49	27%	2.15	Work in progress
62	Patch repair and Resurfacing of Govt. Thenzawl High School approach road	12.54	100%	12.54	Completed
63	Construction of approach road to Chhimveng Presbyterian Church at Thenzawl.	25.62	100%	25.62	Completed
64	Repair of Aizawl - Thenzawl - Lunglei road under Hmuifang Division	70.00	100%	70.00	Completed
65	Repair of Aizawl - Thenzawl - Lunglei road under Lunglei Division	100.00	100%	100.00	Completed
66	Construction of R/wall on Bazar Bungkawn to Armed Veng / Magazine kawn road at 0.180 kmp (at Saron veng)	5.10	100%	5.10	Completed
67	Maintenance of Rengtekawn to NH 154 (Zero point) 6.200 km	8.00	100%	8.00	Completed
68	Construction of Retaining Wall on approach road to Darlung	3.00	100%	3.00	Completed
69	Patch repair of Bethlehem Vengthlang kawn to PUC Gate, College Veng	5.33	100%	5.33	Completed
70	Repair of formation breaches, removal of road block and land slip etc. on roads under				
	i) Aizawl Road North Division	44.00	100%	44.00	Completed
	ii) Aizawl Road South Division	44.00	100%	44.00	Completed
	iii) Hmuifang Division	35.00	100%	35.00	Completed
	iv) Lunglei Division	35.00	100%	35.00	Completed
	v) Saitual Division	20.00	100%	20.00	Completed
	vi) Serchhip Division	20.00	100%	20.00	Completed
	vii) Mamit Division	20.00	100%	20.00	Completed
	viii) Kawrthah Division	20.00	100%	20.00	Completed
	ix) Khawzawl Division	20.00	100%	20.00	Completed
	x) Champhai Division	20.00	100%	20.00	Completed
	xi) Tlabung Division	20.00	100%	20.00	Completed
	xii) Lawngtlai Division	20.00	100%	20.00	Completed
	xiii) Saiha Division	20.00	100%	20.00	Completed
	xiv) Kolasib Division	20.00	100%	20.00	Completed
	xv) National Highway Division - I	20.00	100%	20.00	Completed
	xvi) National Highway Division - II	20.00	100%	20.00	Completed
	Sub Total :	5000.00		4289.08	
	Total =	11319.00		6881.40	
ADDITIONAL WORKS					
1	Construction of approach road to Govt. Aizawl College new Campus at Mualpui	188.03	1%	1.97	Work in progress
2	Widening of approach road to Armed veng at Dawrpui Cemetry / Patch repair, resurfacing and construction of drainage work on Armed Veng cemetry road	33.40	-	-	Work yet to start

3	Construction of approach road to Aisih ruam at Tlawng River, Tanhril, Aizawl	1731.63	-	-	Process for Tender
4	Construction of Cell filled Concrete pavement and culvert on Sumsuih internal road	298.81	26%	56.66	Work in progress
	Special repair for badly surface damage of Maufiankawn to Samlukhai road		33%	23.41	Work in progress
5	Improvement of Durtlang - leitan to Thuampui - Selesih road	40.00	-	-	Work yet to start
6	Construction of Retaining wall at Aizawl by-pass road	26.24	100%	26.24	Completed
Total :		2318.11		108.28	
Grand Total :		13637.11		6989.68	
Note : Overall physical progress = 51 %					

II. Progress Under 5054-R&B State Priority Project :

Rupees in lakh

Sl. No	Name of work	Allocation during 2017-2018	Progress as on 2018	
			Phy	Fin
1	2	3	4	5
1	Const of U shape SD and resurfacing of roads at Chaltlang	9.81	100%	9.81
2	PPC, M Kiankunga House to Ngurzika House, Rahsi Veng and Black Topping of Tarmita	10.00	-	-
3	Landslide debris and R/Wall at Serchhip Field road	15.00	100%	15.00
4	Repair/maint road & Pavement/Footpath under SPP RCC V shape, LSD, Pushpak Thuampui	18.56	100%	18.56
5	CCP Pedestrian Footpath at NSC Presbyterian Church	2.50	100%	2.50
6	Improvement & Construction of Pavement: Aizawl-Thenzawl-Lunglei Road to Thiak (Cell Filled Concrete)	204.62	100%	204.62
7	Maintenance of Road under Saiha Division	401.30	65%	250.00
8	Alignment of NH-44A from Km 74.800 at Luangpawl to 81.00 at Mamit	132.30	65%	81.60
9	Full seal coat on Aizawl Bypass Road	30.00	100%	30.00
10	Maintenance of road on Aizawl-Thenzawl-Lunglei (Under Hmuifang Division)	77.00	100%	7.00
11	Maintenance of Raj Bhawan (Civil Works)	2.73	100%	2.73
12	Repair of approach road to Old Tuirial Airfield	3.77	100%	3.77
13	R Wall on College Veng to Mualpui Zero Point	1.21	100%	1.21
14	Const. of R/Wall on Thuampui to Selesih Road	2.77	100%	2.77
15	Repair/maintenance of Aizawl-Thenzawl-Lunglei Road	100.00	50%	0.00
16	R Wall on Damdiai to Sialsuk via R Changte Road	53.71	32%	17.00
17	CCP on Khatla Ring Road in front of Nursery Tuikhur	2.12	100%	2.12
18	Construction of Office Buildings at Siaha & Lawngtlai	161.42	35%	60.00

19	Construction of Mizoram House (Imphal & New Town, Kolkata)	64.07		
20	Construction of DHME Building at NSC (Completion)	38.00	60%	24.00
21	Retro fitting of Vana Pa Hall	150.00	100%	150.00
22	CE PWD Highway Office Building	350.00	95.44%	335.00
23	Taxation Department Directorate Building	174.43	60.00%	95.00
24	EinC PHE Building	100.00		
25	SDO (C) Staff Quarter at Thenzawl	35.25	100%	35.25
26	PHE Department Quarter at Mamit	12.70	100%	12.70
27	Construction of Auditorium at Thenzawl	417.56	95%	400.00
28	Construction of Raj Bhawan	600.00	93%	560.00
29	Construction of Additional Civil Secretariat Building at NSC	700.00	96%	674.00
30	Jeepable road from Tlangthankhuma to Chanmari West Road Chaltlang Dingdi veng	30.00		
31	Kawnpui to Hortoki road between Lung Artui and Sazuk Lungdih	43.00	100%	43.00
32	Improvement of approach road to Sateek Village (Cell Filled Concrete)	79.98	100%	76.15
33	Improvement of Approach Road to Maubuang Village from Southern Side (Cell Filled Concrete)	146.47	34%	49.75
34	Constn. of Football Playground at Donbosco School	41.04	-	-
35	Re-Constn. of Culvert near Rohmingthanga Res on app road to Zarkawt cemetery	13.73	100%	13.73
36	Resurfacing of Kangthelkawn to MHNL Road (Chawnpui)	18.90	100%	18.90
37	Constn. of Road from Sihpui Tuikhur Venghnuai to Aizawl By-pass via Kulikawn	22.97	100%	22.97
38	Widening of YMA Road at Bungkawn Veng	68.38	95%	62.00
39	Concrete pavement of Hrawva School to Presbyterian Pastor Quarters at Venghlui	12.01	100%	12.01
40	Improvement of Connectivity in and around Tlangnuam	105.00	100%	105.00
41	Soiling of NCV Road at Essential places	50.00	100%	50.00
42	Construction of C Footpath opposite to AMC Building, Thuampui	10.67	100%	10.67
43	Improvement of Approach road to 132 KV Sub-Station at Melriat upto Paikhai	296.30	22%	64.71
44	Special Repair (SH: Restoration of Sinking Portion on Aibawk-Darlung Road)	29.96	100%	29.96
45	Improvement and widening of Lungsei approach road	235.63	-	-
46	Special repair of roads under Road North Division	39.80	100%	39.80
47	Concrete pavement of Vaivakawn to Bazar Bungkawn (Dinthar area)	9.21	100%	9.21
48	Maintenance of Aizawl - Thenzawl - Lunglei Road	200.00	100%	200.00
49	Construction of Chanmari West to Hunthar NH-54 road (Traffic Congestion Deiversion)	165.77	-	-

50	Construction of RCC, Balcony at Saron Road Chanmari Aizawl	13.87	100%	13.87
51	Improvement of Kulikawn approach Road to CP Road	16.00	100%	16.00
52	Concrete pavement of approach Road to Lawipu Middle School	12.51	100%	12.51
53	Const. of R/wall below Govt. Mizo High School Field apposite to Pu Hrangzika's House	12.27	100%	12.27
54	Construction of pavement works on approach road to Remna Lalthuthleng	3.13	100%	3.13
55	Construction of approach road to Assam Rifle Complex at Zokhawsang	54.40	100%	54.40
56	Civil Hospital approach road and Bazar Bungkawn to Millennium Centre	12.18	100%	12.18
57	Metalling & Blacktop of Thuampui Internal Road (Lalthanga road) under Aizawl Road N Div.	5.00	100%	5.00
58	Construction of Bailey Bridge under Kolasib Division	3.73	100%	3.73
59	Restoration of Aizawl By-pass road to Venghnuai to Sihpui Road, Kulikawn	71.39	90%	65.00
60	Strengthening of Minor Bridge on Sihtuikhur to Tuithiang Road	3.54	100%	3.54
61	Maintenance of Serkhan to Bagha road	6.02	100%	6.02
62	Construction of Retaining wall beside Pu Remsiam's House at Thingkhim, Zemabawk	4.50	100%	4.50
63	Resurfacing of Industry Peng to Ramhlun Vengthar Road	33.40	100%	33.40
64	Construction of approach road to J. Thankima College, Bawngkawn Brigade Field Veng	67.52	-	-
65	Blacktopping & re-surfacing of AOC Field approach road at Lawngtlai	9.21	100%	9.21
66	Construction of Retaining wall on Kawnzar-Taidawnkawn Road under Khawzawl Division	4.60	100%	4.60
67	SMBT of Kawnveng to Chhimveng via Sub-Centre at Chhiahtlang	75.92	100%	75.92
68	Repair of bad Patches & Seal coating of approach road to CID Complex, Bungkawn	3.01	100%	3.01
69	Maintenance of Keitum-Artahkawn road	5.10	100%	5.10
70	Construction of Cross drain with cover on approach road to Berawtlang via Lungbial	2.25	100%	2.25
71	Re-construction of R/Wall near TBC Rozara's House near Ramhlun North Presby. Church	4.06	100%	4.06
72	Improvement of Thakthing Bazar road to Republic Kawipui	6.83	-	-
73	Construction of Retaining Wall on Chanmari to Bawngkawn via Chaltlang Road	20.36	100%	20.36
74	Construction of Retaining Wall upper lane at Laipuitlang	3.00	100%	3.00
75	Construction of Retaining Wall below PWD Labour Camp, Laipuitlang	2.50	100%	2.50

76	CCP from Bungkawn Vengthar to District Revenue Office, New Sectt. Complex	15.62	100%	15.62
77	Construction of RCC side-drain at Republic Road, Sikulpuikawn, Mission Veng	3.30	100%	3.30
78	Special repair to Khawrihnm Internal road	5.22	100%	5.22
79	Special repair to Rawpuichhip to Buarpui road	6.46	100%	6.46
80	Re-surfacing road within Lunglei Town	30.38	100%	30.38
81	Re-surfacing of Samtlang to Khankawn road	30.89	100%	30.89
82	Construction of Retaining Wall near CH. Chhunga's House on Sihtuikhur to Tuithiang road	1.06	100%	1.06
83	Estimate of Breast Wall on Rawpuichhip to Buarpui road	4.26	100%	4.26
84	Painting of BUSG Bridges over R. Tlawng on Aibawk-Darlung and R. Tuirial on Muallungthu-Khumentung road.	10.64	100%	10.64
85	Widening of PUC to Bethlehem Vengthlang (from PUC to Umpupuklui)	27.49	100%	27.49
86	Improvement of Internal Road at Biate	57.83	100%	57.83
87	Construction of approach road to Old Mampui Village	101.06		
88	Construction of Thingsai to River Tiau Road	674.60		
89	Const of Pavement on approach road to Gosen Veng at Tlangnuam	53.81	100%	53.81
90	Const of Bunghmun to Bolia Veng on Phairuang-Bunghmun Road (Est 21.48 crore)	100.00		
91	Tlangpui to Lungva	50.00	40%	20.00
92	RCC Channel on Chhinga Veng Road near Presbyterian Church	48.47	100%	48.47
93	Maintenance of NH-54 and NH-56			
94	Pot holes on NH-54 from Ch : 118.00 - 133.00 Km	91.26	55%	52.00
95	Pot holes on NH-54 from Ch : 133.00 Km - 147.800 Km	161.07	45%	78.00
96	Pot holes repair on NH-56 from Km 110.00-Km 150.00 (Khawzawl-Champhai)	225.16	60%	124.00
97	Const of Alternate Road to Bolia Veng on Phairuang-Bunghmun Road	100.00	20%	22.00
98	Construction of Bailey Bridge Over Tuirini River/State	210.00	100%	210.00
99	Rehabilitation of Sinking area at Republic Veng	127.45	100%	127.45
100	Const. of R/Wall under Mamit Division	128.35	55%	72.00
101	Nursery Lower lane Jeepable Road at Nursery Veng	71.84	-	-
102	Widening of road and const. of Protection work on Kawltheihuan at Khatla East	132.30	-	-
103	Repair of FCI Godown to MZU Road	56.28	100%	56.28
104	Rigid pavement & Trape. SD on Melthum-Samtlang-Lungleng Road at Hlimen Quarry	102.86	65%	68.00
105	RCC Culvert and R Wall on Melthum - Samtlang Road	55.61	100%	55.61
106	Pavement Operation Kingdom Ministry Centre at Phunchawng	30.00	-	-
107	Imp of Chuanhnuai Kawn to Bethlehem Venglai	30.00	100%	30.00

	North Presbyterian Church			
108	Farkawn PACCS and Vawngzawl Road	45.00		
109	Old age Home via Complex Cemetery, Govt Complex, Luangmual	53.89	-	-
110	RCC Approach road to Govt M/S Ramthar veng	10.00	100%	10.00
111	Machinery and Equipment	1368.00	100%	1368.00
112	Restoration of MG Road near Bible House Upper Khatla	184.82	55%	98.00
113	Approach road to Govt. Mizo High School	6.50	100%	6.50
114	Approach road to Mission Vengthlang Cemetery near Jubilee Church	8.35	100%	8.35
115	Link drain, R/Wall at NSC near ACB Office Building	30.86	100%	30.86
116	Approach road to Mizoram Food Processing Research Centre	50.00	65%	30.00
117	RCC Approach road to Govt M/S Ramthar veng	10.00	100%	10.00
118	Widening of Vaivakawn to Bazar Bungkawn	76.60	100%	76.60
119	Widening of MHNL road Sec-I near Maubawk West Presbyterian Church	31.63	100%	31.63
120	CCP of Maubawk Kawn Veng to Lawipu	13.66	100%	13.66
121	Maubawk to Khatla Thlanmual Road at NSC	517.43	80%	420.00
	Grand Total =	11095.96	68%	7492.43

III. MAINTENANCE:

The total road Length maintained by PWD i.e. other than National Highways is 4335.379 kms during 2017-18 out of which 2698.418 kms of surfaced roads and 1636.961 kms of un-surfaced roads including 136 Nos. of Bridges is funded from the State Budget. The State Fund is utilized mostly for Periodic Maintenance type like renovation/reconstruction of road crust, resurfacing, protection works, etc.

Maintenance of the roads includes items such as Jungle Clearance, patch repair, pot-hole repair, side drain cleaning, surface clearing, landslip clearance, repair of culverts and retaining walls. Rs 39.50 crores was provided for normal Maintenance of Roads during 2017-2018. Action Plan is made and divided into Part I, II, III & IV. They are used for maintaining the specific State Roads. The achievements on action plan may be summarized as below :

Resurfacing	=	34.82 kms
Patch Repair	=	289.38 kms
R/Wall	=	28 nos.
Hume Pipe Culverts	=	5 nos
Pavement	=	0.62 kms

Requirement : The nominal requirement for proper maintenance of the State Roads has been calculated as below:

1.	Normal Maintenance	- 26.88 Cr.
2.	Periodical Maintenance	- 257.96 Cr.
3.	Emergency Repair – 60% of (1) i.e. Normal Repair	- 16.13 Cr.

Total = 300.97 Cr.

IV. ACHIEVEMENTS ON RURAL ROADS UNDER OTHER FUNDING AGENCIES:

The department has various sources of funding for construction of new roads, up gradation, improvement, etc. These sources of funding are the Normal State Budget, PMGSY, NEC, NABARD, NLCPR, ISC, CRF, etc. The achievements under these schemes of funding sources apart from State Plan and EAP are furnished as below:

1. PMGSY :

The Pradhan Mantri Gram Sadak Yojana (PMGSY), Central Government Direct Funding Scheme, was launched in 2000 AD. It is a project which is popularly known as Village Connectivity with the objective of providing all weather roads to all unconnected Villages having population of 250 and above and is implemented under proper pre-determined programme. The villages to be connected are prioritized accordingly in Mizoram out of the Village population.

IIT, Kharagpur has developed a new technology for low cost cement concrete (CC) road construction, known as *Cell Filled Concrete Pavement* which has proved to be suitable in place of conventional CC roads for low volume traffic. Even though the initial cost of flexible-concrete road is high compared to cost of conventional flexible pavement, the life cycle cost with maintenance costs over a period of 10-20 years is less to the conventional one. The technology consists of placing a form work of plastic cells 150 x 150 mm and 100 mm deep over prepared foundation of road and placing zero slump concrete in the cells and compacting with road roller / platecompactor / earth rammer.

Trends & Updated Status of PMGSY in Mizoram:

As per Census record of 1991, there are 795 habitations out of which 363 villages are unconnected by all-weather road. Again out of these 364 villages, 253 villages are entitled to be included in this scheme as per norms. Break-up of these villages in population wise is as under:-

Priority No I	:	Population 1000 above	= 32
Priority No. II	:	Population 500-999	= 105
PriorityNo.III	:	Population 250-499	= 116
Total			= 253

(A habitation less than 250 population en-route is also considered under this Scheme and is termed as 'incidental')

PMGSY is a 100% Centrally Sponsored Scheme but maintenance is to be borne by the State Government. The Central Government directly credited the sanction in the accounts of the Chief Executive Officer, Mizoram Rural Roads Development Agency (MiRRDA) at the State Bank of India, Aizawl. However, from 2015-2016, the funding pattern has been revised by Government of India as 90:10 ratio. Hence, Government of the Mizoram has so far sanctioned Rs. 1.60 crore towards SMS during 2015-16. Thus the amount of sanction and Fund received upto date is as follows:-

During the year 2015-16, 10 (ten) road projects for a length of 135.80 Kms have been completed benefitting 10 (ten) nos. of habitation out of which 4 (four) habitations are connected by all-weather road.

Sl/No	SANCTIONED YEAR	SANCTIONED AMOUNT	FUND RECEIVED	
1	Phase I (2000 - 01)	1994.86	1993.00	Lakhs
2	Phase II (2001 - 02)	4937.9	4938.00	Lakhs
3	Phase III (2003 - 04)	4887.63	4880.59	Lakhs
4	Phase IV (2004 - 06)	9278.88	9278.88	Lakhs
5	Phase V (2005 - 06)	11844.93	12199.00	Lakhs
6	Phase VI (2006 - 07)	14715.29	14715.00	Lakhs
7	Phase VII Batch-I (2008 - 09)	3481.65	0.00	Lakhs
8	Phase VII Batch-II (2008 - 09)	17689.21	16096.00	Lakhs
9	Phase VIII (2013 - 14)	28456.66	19850.13	Lakhs
10	Phase IX (2016 - 17)	55354.73	4118.00	Lakhs
	Total	152641.74	88068.60	Lakhs
		Interest	2223.03	Lakhs
	Towards cost over run sanctioned by GOM		1002.85	Lakhs
	SMS Sanctioned by GOM		3804.78	Lakhs
	Grand Total		95099.26	Lakhs

Achievement as on March, 2018 is as follows:-

Length of Formation Cutting completed	:	1867.93km
Length of Black Topping completed	:	822.08 km
Nos. of Habitations served	:	169 Nos.
Total Expenditure upto March, 2018	:	87189.33 lakhs

Phase I :

Length of New formation cutting	=	106.93 Km
Length of Black Topping	=	13.00 Km
Nos. of Habitations served	=	6 nos
<i>All projects are completed.</i>		

Phase II :

Length of New formation cutting	=	202.90 Km
Length of Black Topping	=	123.61Km
Nos. of Habitations served	=	22 nos
<i>All projects are completed.</i>		

Phase III :

Length of New formation cutting	=	255.51 Km
Length of Black Topping	=	23.00 Km
Nos. of Habitations served	=	21 nos
<i>All projects are completed.</i>		

Phase IV :

Length of New formation cutting	=	276.70 Km
Length of Black Topping	=	47.93 Km
Nos. of Habitations served	=	20 nos
<i>All projects are completed.</i>		

Phase V :

Length of New formation cutting	=	183.00 Km
Length of Black Topping	=	125.98 Km
Nos. of Habitations served	=	20 nos

All projects are completed.

Phase VI :

Length of New formation cutting	=	317.17Km
Length of Black Topping	=	76.77 Km
Nos. of Habitations served	=	35 nos

{In this phase, one road packages, Niawhlang-Chakhang (23.26 km), is in progress and expected to be completed shortly}

Phase VII Batch-I(Sage-II works only):

Length of Black Topping	=	79.57 Km
Nos. of Habitations served	=	0 nos

{In this phase, one road packages., Khuangleng to Bungzung (18.00 km), is in progress and expected to be completed shortly}

Phase VII Batch-II:

Length of New formation cutting	=	415.49Km
Length of Black Topping	=	9.00 Km
Nos. of Habitations served	=	45 nos

{In this phase, one road packages Tawngkolong – Lawngmasu (28.94 km) is in progress and expected to be completed shortly}

Phase VIII (Sage-II works only):

Length of Black Topping	=	319.32 Km
Nos. of Habitations served	=	0 nos

{In this phase, 9 projects are completed and 20 projects are in progress}

Phase IX :

Length of New formation cutting	=	110.23 Km
Length of Black Topping	=	3.90 Km
Nos. of Habitations served	=	0 nos.

{In this phase, 56 projects are sanctioned and all projects are in progress.}

Phase X (New sanctioned) :

New Length of formation cutting and Black Topping	=	282.62 Km
Nos. of Habitations served	=	18 nos.

{In this phase, 26 projects are sanctioned and all projects are tendered.}

Since inception of PMGSY Scheme in Mizoram, a total of 299 different roads for a length of 3790.48 kms have been covered benefitting 198 nos. of habitations, 39nos of roads for a length of 767.89 kms have been completed upto black-topping stage benefitting 44 nos. of habitations.

2. NABARD :

Few Rural Roads are constructed with loan availed from the National Bank for Agriculture and Rural Development (NABARD). The scope of the projects is for increasing the Agricultural Plantation and their Marketings.

Under this scheme, the State PWD is presently having the following projects :

SI No.	Name of Project/Works	A/A Approved			Date of Commencement	Target Date of completion As per agreement	Achievement during the year 2017-18		Remarks
		NABARD	State	Total			Phy.	Fin.	
1	2	3	4	5	6	7	8	9	10
	RIDF-XIX								
1	Pavement of Muallungthu - Khumtung Road (11.60-33.5kmp) = 21.90 kms	1773.95	197.1	1971.06	15.2.15	31.12.17	95%	1915.43	
	RIDF-XXI								
1	Construction of Zote - Chhipphir (0.00 - 9.48kmp)= 9.48kms	993.31	110	1103.31	18.5.16	5.12.19	35%	415.15	
2	Construction of pavement on R.Tuichang - Tumtukawn (10.5-52 = 41.50)kms on Hnahthial to Thingsai Road (1) Culvert and Protection Walls)	3540.99	393	3934	19.5.16	18.6.19	35%	1229.76	
	(2)Construction of Flexible Pavement)				18.9.16				
3	Widening and Improvement of Suangpuilawn to Zawngin Road (13.15kms) (1)Formation Cutting	1602.21	178	1780.21	8.6.16	9.12.17 18.2.19	30%	785.43	
	(2)Permanent Works				9.12.16				
	(3)Pavement Works				18.8.17				
4	Construction of Chuhvel - Sihthiang road (11.00kms)	863.53	96	959.53		23.6.18 23.6.18	20%	188.49	

	1)Cross Drain & Protection Works				13.5.16				
	2)Flexible Pavement				23.6.16				
5	Construction of Laki- Vahai road(0-20kmp) = 20.00 kms	1959.99	210	2170	11.5.16	<u>10.12.17</u> 31.3.18	80%	1808.06	
	RIDF-XXII								
1	Strengthening and improvement of Ngopa to Mimbung road = 52.50 kms	1604.57	195.43	1800	2.5.17	31.3.19	25%	500.00	
2	Improvement of Thuampui S-S Lungdai-Serte-Sertlangpui road (27.00kms) (2) Widening and Permanent Works	2717.36	330.97	3048.3	12.5.17	12.11.19	10%	260.45	
	(2) Pavement Works				18.1.17				
3	Construction of Hualngohmun to Samtlang Road.4.85 kms	1568.26	216.14	1784	16.2.17	31.12.18	40%	688.00	
4	Improvement of Ramrikawn to PTC upto NH54 (7.5kms)	830.68	101.18	932	16.2.17	31.12.18	100%	932.00	
5	Construction of Build-up Steel Girder Bridge over R.Peka Lui on KDZKT road. (25.00m)	351.55	48.45	400	3.8.17	3.8.19	26%	100.75	
6	Construction of Build-up Steel Girder Bridge on Saitual - Phullen Road over Tuivawl river. (55m)	928	82.012	928	20.8.17	20.8.19	20%	178.04	
7	Construction of Build-up Steel Girder Bridge over R.Teirei on Bairabi to Zamuang Road.(80.00m)	1217.33	148.27	1366	3.8.17	3.8.19	7%	95.91	
8	Construction of Build-up Steel Girder Bridge over R.Chengkawllui on Khadacherre-Zamuang-Kawrtethawveng-Tuilutkawn Road.(40.00m)	458.84	66.96	553	3.8.17	3.8.19	43%	242.77	

3. N.E.C. FUND :

The North Eastern Council (NEC) has funded many road projects of Economical and Interstate importance in Mizoram since the 5th Five Year Plan. The following Projects are taken up during the year under report (2017-18).

Sl No	Name of the Project, Location and State	Approved Cost by NEC & Date of Approval (Lakhs)		Date of actual Commencement of Work/ Scheme	Targeted Date of Completion of Work/ Scheme	Revised cost of the project if any & date of approval of the revised cost (Lakhs)		Achievement during 2017-18		Remarks
		Cost	Date			Cost	Date	Phy	Fin.	
1	2	4	5	6	7	8	9	10	11	12
1	Construction of Saitual-Saichal-NE Bualpui Road, Mizoram (36.60km)	3343.60	27.9.2004	Oct, 2006	May-15	4097.00	16.9.2011	75%	3982.17	Foreclose as "As is where is basis" by NEC. Pavement works only 11.60km completed
2	Upgradation of Bairabi-Zamuang Road, Mizoram including PSC Bridge	3391	27.10.2004	27.10.2004	3/31/2015	3768.05	16.9/2011	100%	4242.50	For completion state Govt. has financed
3	Upgradation of Thanlon - Singhat (Ngopa-Tuivai) Road (43.40 Km)	6767.00	17.8.2010	22.6.12	Revised target DOC is May 2017	-	'	90%	6444.440	
4	Upgradation of KDZKT Road (88.40 Kms)	13470	9.1.2013	5.6.2013	4.6.2018	17963.0	20.2.2015	50%	7555.55	

5	Upgradation of Serkhan - Bhaga Road (115.2 Km)	14603.00	22.2.2011	24.9.11	01.12.2015, Revised target DOC is December 2017 as per Minutes of Mandatory Review of NEC funded Projects, dt. 20.9.2016	14863.00	29.1.2014	80%	12388.88	
6	Construction of Approach Road to PSC Bridge over R.Tlawng on Bairabi - Zamuang Road.	444.93	27.9.2016	5.4.2017	5.10.2018	-	.	85%	397.520	
7	Construction of Cultural Centre cum Auditorium at Vaivakawn	619.10	31.01.2013	20.12.2013	20.06.2015	-		55%	327.79	
8	Construction of Mission Veng Bazar Complex at Mission veng Aizawl.	598.41	3.3.2014	01.08.2015	31.07.2017	-		95%	388.96	
9	Construction of Community Hall at Chanmari West, Aizawl, Mizoram.	457.00	17-Mar-16	10.10.2016	27.10.2017	475.28	26-Apr-16	85%	182.22	
10	Construction of Community Complex at Edenthar, Aizawl, Mizoram.	463.00	17-Mar-16	.	-	481.52	26-Apr-16	85%	270.8	

4. NLCPR Projects :

Non- Lapsable Central Pool of Resources (NLCPR) under the Ministry of DoNER, Govt of India has been funding 15 Projects for construction of infrastructure in roads, bridges and buildings work. Under this NLCPR scheme, funding system is 90:10 which means 90 % Grant from Central Govt. and 10% to be borne by the State Govt. Mizoram PWD is executing 4 Bridge Project, 9 Road Projects and 2 Building projects at various places as below :-

<i>Sl.No</i>	<i>Name of Work</i>	<i>Sanction Amount</i>	<i>Achievement</i>	<i>Remarks</i>
1	2	3	4	5
1	Construction of Khanpui - Tualbung Road Phase - I (0.00-7.00 Km)	197.21	84%	Work in progress and expected to be completed soon.
2	Construction of approach road to Tuivai from Mimbung and approach road to Godown at Kawlkulh (0.00-14.50 Km)	367.09	100%	Works completed
3	Construction of Hnahthial - Hualawng via Zotui Road Ph-I (14.393 Km)	1515.78	46%	Works is in progress
4	Construction of Indoor Stadium at Keitum in Mizoram	173.75	100%	Works completed
5	Construction of Indoor Stadium at Bungtlang in Mizoram.	173.75	100%	Works completed
6	State Sports Academy at Zobawk	1751.24	95%	Works is in progress
7	Construction of Multi Level Parking, Community Centre & Office Complex at Aizawl North in Mizoram	1298.26	88.50%	Works is in progress
8	Construction of Indoor stadium at Chandmari,Lunglei	496.19	90%	Work in progress and expected to be completed soon.
9	(Hospital & Medical Education) Construction of 100 Bedded Hospital at Saiha	1592.52	82.00%	Works is in progress
10	(Hospital & Medical Education) Construction of 50 Bedded Hospital at Lawngtlai	1191.51	70%	Works is in progress
11	Infrastructure Development of 10 colleges in Mizoram	1367.64		
	1) T.Roman College	135.57	100%	Works completed
	2) Johnson College	135.62		
	3) Saitual College	97.24		
	4) J.Thankima College	85.77		
	5) Aizawl N College	135.62		
	6) Aizawl West College	135.61		
	7) Khawzawl College	141.51		
	8) J.Buana College	142.50		
	9) Kolasib College	188.65		
	10) Hnahthial College	142.73		
12	Infrastructure Development of Lawngtlai College in Mizoram	136.09		Work is in progress and expected to be completed soon.
13	Construction of 10 Nos. of Helipads in Mizoram.	258.2		
	1) Champhai	56.30	96%	Out of 10 Helipads 9 Helipads already completed except

				Helipad at Lunglei
	2) Kolasib	6.32		
	3) Lunglei	6.59		
	4) Mamit	25.46		
	5) Hnahthial	6.56		
	6) Saitual	53.88		
	7) Serchhip	36.27		
	8) Thenzawl	57.14		
	9) Saiha	8.10		
	10) Lawngtlai	1.58		
14	Upgradation of Lengpui Airport in Mizoram	2481.26	96%	Work in progress and expected to be completed soon.
15	Construction of Higher Secondary School at Kawlkulh and Kawlbem.	195.88	100%	Works completed
16	Construction of Market Building at Vairengte	387.65	100%	Works completed
17	Construction of High Court Building at New Secretariat Complex, Aizawl.	4624.12	3%	Works recently started
18	Construction of Account & Traesury Office Buildings at New Secretariat Complex, Aizawl.	1110.00	2%	Works recently started
19	Construction of Govt.Aizawl College New Campus Building at Mualpui	1200.00	0%	Works not yet started

5. CENTRAL ROAD FUND :

The works that can be considered under Central Road Fund (CRF) scheme and Economic Importance & Inter State Connectivity (EI&ISC) scheme as per notification of Ministry of Road Transport and Highways (MORTH), Govt. of India are –

- i) Construction of missing bridges, cross drainage works, rehabilitation of bridges, widening of two-lanes, strengthening of weak pavement sections.
- ii) Engineering aspects of road safety works covering improvement of traffic junction, road marking, signaling, construction of subways and over bridges, construction of parking lay-byes, bus sheds and the like.
- iii) Construction of bypasses, parallel service roads along national highways or State highways, in built-up areas in exceptional cases and
- iv) Development of connecting roads to national highways from rural roads as well as to tourist importance places.

The above schemes are funded by the Ministry of Shipping, Road Transport & Highways, Govt. of India. The funding pattern is 100 percent.

CRF is 100% central funding scheme. The following projects are taken up during the reported year. From 2014 – 15 onwards, only railway crossings over or under the rail track and bridges are allowed under CRF. It is suggested that construction of missing links, improvement & widening of roads and internal roads are allowed to be taken up under CRF.

Rs. in Crore

Sl. No.	Name of Works	Length	Sanction Amount	Commencement	Target date of completion	Cumulative Progress as on March 2018		Remarks
						Phy.	Fin.	
1	Construction of Pre-stress Concrete Girder Bridge over R. Borailui at Ch : 18.470 kmp on KDZKT Road	35.00 Mts (span)	5.7973	01.12.2016	01.12.2018	37%	2.03	Work in Progress
2	Construction of PSC Bridge (40m span) over R. Tlawng on Aizawl to Reiek W.Lungdar Road at km 14.80	40.00 Mts (span)	7.5756	23.02.2017	23.02.2019	10%	0.76	Work in Progress
3	Construction of double lane PSC Bridge (68 m span) over R.Tuichang on Keitum - Artahkawn Road	68.00 Mts (span)	7.5475	01.12.2016	01.12.2018	24%	1.75	Work in Progress
4	Construction of RCC T-Beam Girder Bridge (48 m span) over R.Serlui on Bilkhawthlir - Saiphai - Natasura Road at Km 13.80	48.00 Mts (span)	9.0000		December 2018	80%	4.88	Work in Progress
5	Widening to single lane with geometric improvement and up-gradation of Chhiahtlang to Lamchhip road in Mizoram	19.87 Kms (Length)	66.6818	23.06.2017	23.06.2019	42%	12.00	Work in Progress
6	Construction of Muallungthu - Lungphun Road	22.00 Kms (Length)	59.9600	23.11.2017	23.11.2019	12%	2.00	Work in Progress
7	Construction of two lane road from Sihmui to Ramrikawn (Stage-I: length 14.5 Km) under Central Road Fund (CRF) during the year 2017 - 18 in the State of Mizoram.	14.50 Kms	80.0000					Work not yet started
Total			156.5622				23.42	

V. ACHIEVEMENTS ON RURAL ROADS (i.e DIVISION REPORTS) :

Some of the Division Reports are given below :

1. KHAWZAWL DIVISION :

Sl. No.	Name of Work/Scheme (Work)	Total Length (KM)	Cumulative Achievement upto 31.3.2018		Remarks
			Phy	Fin	
1	NEC				
	NEC Upgradation of Thanlawn-Singhat Road (Ngopa-Tuivai) within Mizoram	41.500	FC = 41.315 Km Protection Work = 1546.35Rm Cross drainage works = 174Nos Masonry Side Drain = 5049Rm Parapet type Crash Barrier = 400Nos. RCC Side Drain Cover = 81Rm Steel Crash Barrier = 156Nos. Scarifying Exist.Bituminous surface = 13.32 Km Scarifying Exist.Granular surface = 5.80 Km Compacting Original Ground = 41.33Km GSB = 41.33 Km WBM = 41.00Km Landslide clearance= 87779m ³ Hill side Drain Clearance=39588Rm Wearing Course= 29.650Km Shoulder = 26.575Km.	6212.16	FC = Completed Permanent Works = Completed Pavement works = In Progress
2	NLCPR				
	Construction of approach road to R.Tuivai from Mimbang and approach road to Godown at Kawolkulh.	14.50	FC = 14.500Km H/P Culvert = 44 Nos. Pavement = 0.770Km Landslide clearance= 5487.59 m ³ Hill side Drain Clearance= 1560 Rm R/Wall = 35Rm	284.17	Work Physically completed
3	NABARD				
	Strengthening and Improvement of Ngopa -Mimbang Road	50.500	HP Culvert = 3 Nos Slab Culvert = 3 Nos R/Wall = 100Rm LSD = 760 Rm Causeway = 36 Rm	500.00	Work in Progress

			Scrapping existing bituminous surface = 20.25 Km WBM = 15.00 Km		
4	PMGSY				
	1. Construction of Chhawrtui-Rullam road Package No. MZ-02-63	18.500	H/P = 8Nos R/W = 25Rm LSD = 2950Rm Subgrade = 18.500Kms GSB = 18.500 Kms WBM-II = 18.500Kms WBM-III = 18.500Kms Wearing course = 18.500Kms Shoulder = 18.500 Kms	694.72	Work Physically completed
	2. Construction of Rullam-Lungpho road Package No. MZ-08-02-7-11(1)	16.900	R/W = 85 Rm LSD = 2982 Rm Parapet = 75 Nos Rain Cut = 16.900Kms Sub-Grade = 16.900Kms GSB = 16.900Kms WBM-II = 14.850Kms WBM-III = 14.850Kms Bit.Surfacing = 14.850Kms C.C. Pavement = 2.050Km Shoulder = 16.900Kms H/P = 2 Nos. ULSD = 13918 Rm Logo = 8 Nos. TIB = 1 No CIB = 1No	1000	Works Completed.
	3. Construction of Lungpho-Hmunzawl road Package No. MZ-08-02-7-11(5)	30.800	R/W = 75 Rm LSD = 9600 Rm Parapet = 3500 Nos Rain Cut = 30.800 Kms GSB = 30.800 Kms WBM-II = 23.550 Kms WBM-III = 23.550 Kms Bit.Surfacing = 23.550Kms C.C. Pavement = 7.330Kms Shoulder = 30.800Kms Sub-Grade= 30.80 Km Widening = 380 Rm ULSD = 13300 Rm Logo = 15 Nos. TIB = 2 Nos CIB = 1No	2161.06	Work Physically Completed.

	4. Construction & Maintenance of Chalrang-Vangtlang road Package No. MZ-02-911	13.50	Subgrade = 2.00Km		Work in Progress
			GSB = 0.800Km		
	5. Construction & Maintenance of Khawkawon-Chiahpui road Package No. MZ-02-920	5.76	Subgrade = 5.760Km		Work in Progress
			GSB = 3.00Km		
	6. Construction of Chalrang-Riangtlei road Package No. MZ-02-91	11.34			Work in Progress
			FC = 7.20Km		
	7. Construction of NE.Bualpui-Changzawl road Package No. MZ-02-92	4.44			Work in Progress
			FC = 1.50 Km		

2. KAWRTHAH DIVISION :

Sl. No.	Names of work	Length	Sanction Amount	Amount of Technical Sanction	Achievement upto 31st March, 2018		Remarks
					Physical	Financial	
1	2	3	4	5	6	7	8
C.R.F. :							
1	Construction of Pre-Stressed Concrete Girder Bridge over R. Borailui at 18.470Kmp on KDZKT road	35 m	579.73 lakhs	579.73 lakhs	30%	134.37 lakhs	Work in Progress
Sl. No.	Names of work	Length	Estimated Amount		Achievement upto 31st March, 2018		Remarks
			Approved Cost	Revised Cost	Physical	Financial	
1	2	3	4	5	6	7	8
N.E.C :							
1	Construction of Double Lane PSC Bridge over River Tlawng on Bairabi - Zamuang Road	160 m	612.50 lakhs	1221.04 lakh	100%	1399.59 lakhs	Work completed
2	Construction of Approach road to PSC Bridge over River Tlawng on Bairabi - Zamuang Road	0.83 Km	444.93 lakhs		70%	397.52 lakhs	Work in progress
3	Improvement & Upgradation of KDZKT Road (0.00-88.400Kmp)	88.400 Km	134.70 Crore	179.63 Crore	42%	7555.55 lakhs	Work in progress
Sl. No.	Names of work	Length	Sanction Amount	Achievement upto 31st March, 2018	Remarks		

				<i>Physical</i>	<i>Financial</i>	
1	2	3	4	5	6	7
NABARD :						
1	Construction of Chuhvel to Sihthiang Road	11 Kms	959.48 lakhs	45%	396 lakhs	Work in Progress
2	Construction of Builtup Steel Girder Bridge (25.00m span) over Pekalui at 5.620Kmp on KDZKT road	25 m	400.00 lakhs	30.89%	100.75 lakhs	- do -
3	Construction of Double Lane Builtup Steel Girder Bridge (80.00m span) over River Teirei on B-Z road	80 m	1365.60 lakhs	7.34%	95.91 lakhs	- do -
4	Construction of Double Lane Builtup Steel Girder Bridge over River Langkaih on Mizoram - Tripura Border at Kanhmun	80 m	2231.91 lakhs	0.00%	0	- do -
5	Construction of Builtup Steel Girder Bridge (40.00m span) over Chengkawllui at 16.650Kmp on KDZKT road	40 m	552.80 lakhs	54.44%	242.77 lakhs	- do -

3. HMUIFANG DIVISION :

Sl. No.	Name of Works	Name of Scheme	Agreement of Amount (in Lakhs)	Length (Km)	Achievement during the Year		Remarks
					Phy	Fin	
1	Construction & Maintenance of Thenzawl - Zote 'S' Road	PMGSY	1223.41	13.60	100%	964.93	
2	Construction of Muallungthu - Khumtung Road (Pavement Work) 11.60 - 33.50 Kmp	NABARD	1728.3	20.90	100%	1971.00	
3	Construction of Zote - Chhipphir road (Formation & Pavement Work) 0.00 - 9.200 Kmp	NABARD	1103.31	9.20	53.50%	431.11	
4	Construction of Approach road to Horticulture College at Thenzawl	NEDP	349.55	2.25	100%	349.69	
5	Construction of Approach road to Golf Course at Thenzawl	NEDP	234.16	1.40	100%	217.38	
6	Patch Repair and Resurfacing of Govt. Thenzawl High School approach road	NEDP	12.54	0.70	100%	12.54	

7	Improvement of Approach road to Sateek Village (Cell Filled Concrete)	SPP	79.98	1.00	100%	79.98	
8	Improvement of Approach road to 132 KV Power Sub-Station at Melriat up to Paikhai road	SPP	278.22	3.87	82%	165.08	

4. MAMIT DIVISION :

SI No	Name of work	Sanction Amount	Target Date of Completion (if any)	Unit	Total Quantity	Cumulative progressive from the beginning of work		Remarks
						Phy	Fin	
1	2	3	4	5	6	15	16	17
1	Improvement of Mamit-Bairabi Road under NEDP during 2017-2018	40.00	31.03.2018					Completed on 22.12.2017
	(i) Pot hole Filling with WBM 0.00-36.00Kmp			m ²	3230.44	3230.00	40.00	
	(ii) Constn of R/Wall at 17.750Km			Rm	10.00	10.00		
2	Repair of Pot Holes and Resurfacing of Approach Road to Khawrihnm	30.00	31.03.2018	Km	3.50	3.50	30.00	Completed
3	Improvement of Internal Roads within District Headquarters under NEDP during 2017-2018	55.00	31.03.2018					Works Completed on 4.2.2018
	Resurfacing from:-							
	i) Hmunsam Presbyterian Pastor Qtr to Zion Veng			Rm	835.00	835.00	55.00	
	ii) District Hospital Complex			Rm	180.00	180.00		
iii) DC Complex	Rm	646.00	646.00					
4	Constn of Retaining Wall on W.Phaileng-Marpara Road at Ch.		05.01.2018					Completed
	(1)30.870 & 38.400	27.06		Rm	30.00	30.00	27.06	
	(2) 42.700,53.900 & 56.100	29.34		Rm	38.00	38.00	29.34	
	(3) 57.100,66.700,68.600 & 68.650	29.05		Rm	45.50	45.50	29.05	
	(4) 76.980,78.250,78.300, 78.450& 78.900	17.39		Rm	36.10	36.10	17.39	
	(5) 23.800	38.19		Rm	30.00	30.00	38.19	
	(6) 63.900	17.22		Rm	14.00	14.00	17.22	
	(7) 75.500	21.42		Rm	17.00	17.00	21.42	
	(8) 67.00	31.00		Rm	23.00	23.00	31.00	
	(9) 9.200	4.81		Rm	11.50	11.50	4.81	
	(10) 28.200	6.34		Rm	10.00	10.00	6.34	
	(11) 63.100	3.07		Rm	8.00	8.00	3.07	
	(12) 68.690	5.67		Rm	12.00	12.00	5.67	

5	Constn of Approach Road to NIT at Lengpui (Pavement)	185.00	31.03.2018	Km	0.800	0.100	51.91	Work in progress
6	W.Phaileng Town Road		31.03.2018					Completed
	Constn of R/Wall with Hume Pipe Culvert at 0.050 Km	29.17		Rm	20.00	20.00	29.17	
7	Improvement of W.Phaileng Internal Road		31.03.2018					Completed
	(i) Pavement widening,pot holes filling&Resurfacing of Dinthar kawn to SDO@ Complex	80.00		Km	1.37	1.37	80.00	
	(ii) Pot holes filling & Resurfacing of Approach Road to PHC			Km	0.30	0.3		
	(iii) MBT of Tourist Lodge to PHC Road			Km	0.505	0.505		
8	W.Phaileng to Damparengpui Road		31.03.2018					Completed
	(i) Constn of R/Wall at 0.400 Km	11.08		Rm	10.00	10.00	11.08	
	(ii) Constn of R/Wall at 1.620 Km	9.88		Rm	15.00	15.00	9.88	

ALLOCATION OF BUSINESS RULES, 2014

PUBLIC WORKS DEPARTMENT

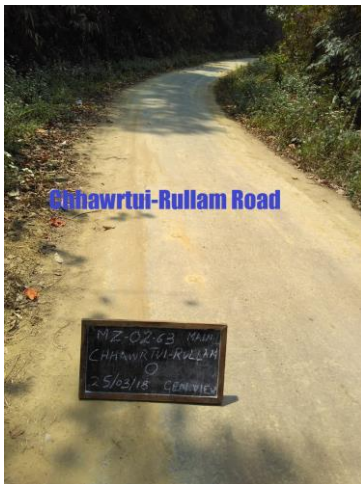
MIZORAM

.....

*As per Allocation of Business rules 2014,
the following subjects are allocated under Mizoram PWD as below :-*

1. Construction / Maintenance of Government buildings.
2. Supply of furniture to the residential quarters.
3. Rural Housing and Schemes relating to Government projects and Government Building.
4. Construction and Maintenance of Roads & Bridges.
5. National Highways Act and other Laws / Regulation pertaining to roads.
6. The Mizoram Roadside Land Control Act, 1976 and related Rules.
7. Ropeways.
8. Inland Water Transport.
9. Mizo District (Ferries) Act, 1955.
10. Flood Control.
11. Major Irrigation Projects.
12. Aizawl extension projects to Luangmual.
13. Purchase, allotment and transfer of Plan, Tools and Machinery.
14. Shramik Bahini Act.

Other Pictures of Rural Roads



Other Pictures of Rural Roads (contd.1)



Other Pictures of Rural Roads (contd.2)



DC COMPLEX



IMPROVEMENT OF INTERNAL ROAD WITHIN DISTRICT HEADQUARTERS



DISTRICT HOSPITAL COMPLEX



HMUNSAM PRESBYTERIAN PASTOR QTRS. TO ZION VENG

Other Pictures of Rural Roads (contd.3)

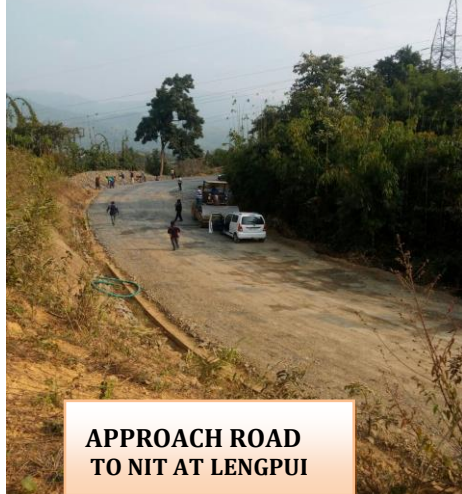
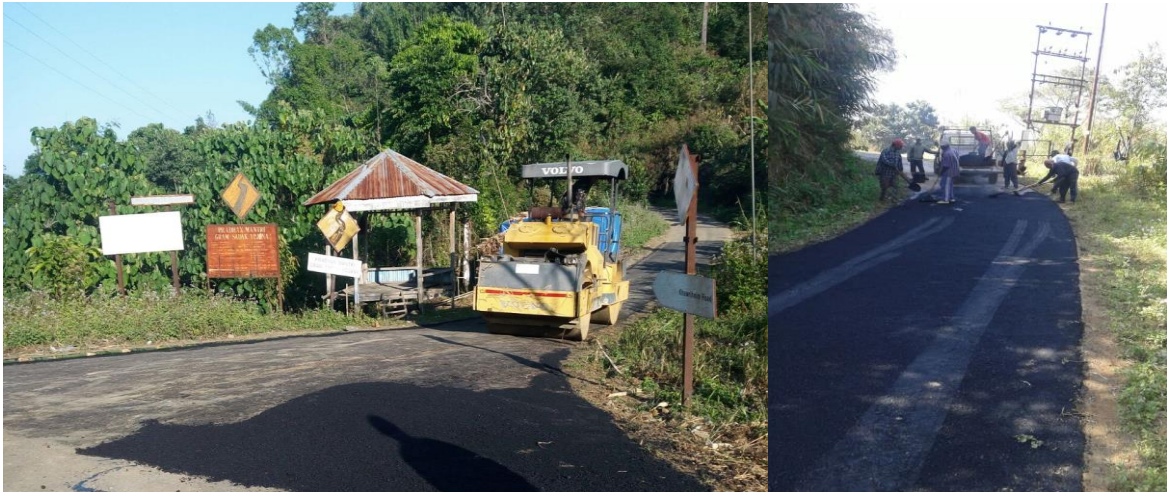


Other Pictures of Rural Roads (contd.4)



Other Pictures of Rural Roads (contd.5)

REPAIR OF POT HOLES & RESURFACING OF APPROACH ROAD TO KHAWRIHNIM



Other Pictures of Rural Roads (contd.6)



Name of Road : Construction of Approach road to Golf Course at Thenzawl



Name of Road : Construction of Approach road to Horticulture College at Thenzawl



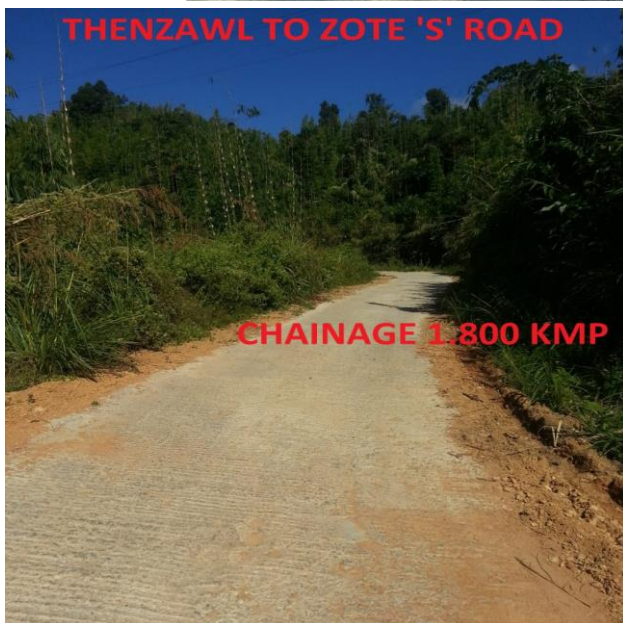
Name of Road : Patch repair and Resurfacing of Govt. Thenzawl High School Approach road



Muallungthu - Khumtung Road Pavement



Name of Road : Improvement of Approach road to 132 KV Power Sub-Station at Melriat up to Paikhai Road



Name of Road : Construction of Zote - Chhipphir road (Formation & Pavement Work) 0.00-9.200 Kmp

III. AIZAWL CITY ROADS ACHIEVEMENTS:

Aizawl City roads are maintained by **Aizawl Road North Division** and **Aizawl Road South Division**. There is a record length of 253.656 (blacktop) and 43.754 (unsurface) roads in total. The areas of two Divisions are separated at Bazar Bungkawn, i.e. Northern Side is Road North Area and Southern Side is Road South Area. The two Divisions are controlled by SE, Central Circle which is under Chief Engineer, Buildings. The achievements under the two Divisions are furnished as below:

4. AIZAWL ROAD NORTH DIVISION :

a) MAINTENANCE ACTION PLAN :

<u>UNDER MAINTENANCE ACTION PLAN</u>				
<i>Sl.No</i>	<i>Name of Work</i>	<i>Achievement Qty</i>	<i>Unit</i>	<i>Remarks</i>
1	Re Construction of R/Wall on Approach Road to Chief Minister Bungalow from Zarkawt.	14.5	Rm	Picture Shown on Fig.No 1
2	Construction of R/Wall near Theihai Tuikhur on Armed Veng electric Veng Cemetry Road	5.50	Rm	
3	Construction of B/Wall Below Pu Lalthantluanga's House on Armed Veng to Electric Veng Cemetry at Chhing Veng	18.00	Rm	Picture Shown on Fig.No 2
4	Construction of B/Wall on Elim Road at Chhing Veng.	13.00	Rm	Picture Shown on Fig.No 3
5	Re-Construction of Culvert Abutment wall and Bed bear Tuikhurhlu on Bawngkawn to Chanmari road Via Ramhlun	2.00	Rm	
6	Repair of collapsed Slab of RCC Balcony at Darnam lui on Sihpui to Ramhlun Vengthar	1.00	Rm	
7	Patch Repair and Seal Coating of Bazar Bungkawn to Millenium Centre	420.00	Rm	Picture Shown on Fig.No 6
8	Patch Repair and Seal Coating of Chanmari to Bazar Bungkawn via Zarkawt.	1500.00	Rm	Picture Shown on Fig.No 5
9	Re-Surfacing of Chhing Veng Internal Road.	750.00	Rm	Picture Shown on Fig.No 10
10	Resurfacing of Approach Road to Govt.Mizo Higher Secondary School at MC Donald Hill.	274.00	Rm	Picture Shown on Fig.No 4
11	Patch Repair and Seal Coating of Bawngkawn to Chanmari via Ramhlun	3500.00	Rm	Picture Shown on Fig.No 11
12	Liabilities of Monsoon Damage upto 132th June 2017 (Clwaring of Landslip etc)	2017.76	Rm	Picture Shown on Fig.No 2
13	Re-Construction of Collapsed RCC Slab Armed Veng South to Bethlehem Vengthlang Old Zoo Road.	1.00	No	Picture Shown on Fig.No 9
14	SMBT of Widen Portion of Approach road to Armed Veng i/c Shifting of PHE Pipe lines	145.00	Rm	
15	Construction of R/Wall below Lalthandangi's House on Electric Veng Cemetry to Turning Point Via ME School Ramthar North	17.00	Rm	

16	Construction of RCC drain with cover below LRM Hospital on Bawngkawn to ITI Road	36.00	Rm	
17	Patch repair of Sakawrpului to St.Mary's Church on Electric Veng 2nd Row	245.00	Rm	
18	Patch Repair of Approach Road to S.E NHC - II Office PWD at Ramhlun Venglai.	431.00	Rm	Picture Shown on Fig.No 7
19	Re Surfacing of Chhinga Veng KVM High School to Armed Veng South	785.00	Rm	
20	Improvement of Approach Road to Armed Veng	23.00	Rm	
21	Patch Repair of Zarkawt to Babutlang Approach to Govt.Quater's.	450.00	Rm	Picture Shown on Fig.No 8
22	Repair of Road infront of Pu Ch.Chhunga's House at Saron Veng	10.00	Rm	
23	Repair of Sinking area at Aizawl Venglai on Bawngkawn to ITI Road	26.00	Rm	
24	Black topping of Chhinga Veng internal Road	365.00	Rm	
25	Re-Construction of Collapsed RCC Slab Culvert on Elim Road	1.00	No	
26	Repair of Motor Parking at Civil Hospital Aizawl	9.00	Rm	
27	Repair of Sinking area at Aizawl Venglai on Bawngkawn to ITI Road Phase-II	15.00	Rm	
28	Patch repair of Electric Veng 3rd Row Road Electric veng Aizawl	600.00	Rm	

Maintenance of City Roads
under
Aizawl Road North Division

UNDER MAINTENANCE ACTION PLAN



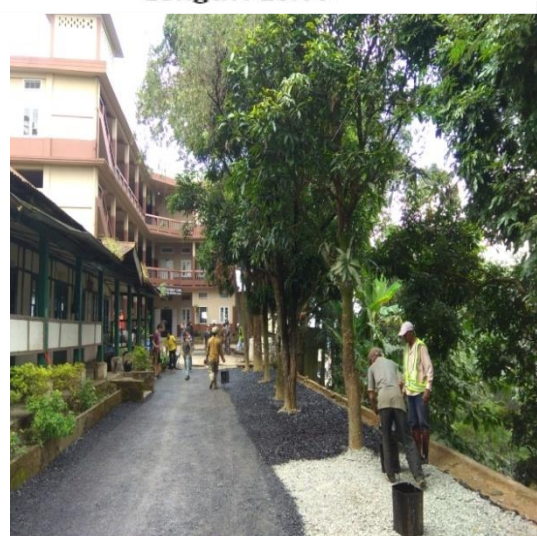
**(1) Re Construction of R/Wall on Approach Road to Chief Minister Bungalow from Zarkawt.
Length : 14.50**



**(2) Construction of B/Wall Below Pu Lalthantluanga's House on Armed Veng to Electric Veng Cemetery at Chhinga Veng
Length : 18.00**



**(3) Construction of B/Wall on Elim Road at Chhinga Veng.
Length : 13.00**



**(4) Resurfacing of Approach Road to Govt.Mizo Higher Secondary School at MC Donald Hill.
Length : 274.00**



**(5) Patch Repair and Seal Coating of Chanmari to Bazar Bungkawm via Zarkawt.
Length : 1500.00**



**(6) Patch Repair and Sela Coating of Bazar Bungkawm to Millenium Centre
Length : 420.00**



(7) Patch Repair of Approach Road to S.E NHC-II Office PWD at Ramhlun Venglai.
Length : 431.00



(8) Patch Repair of Zarkawt to Babutlang Approach to Govt. Quater's.
Length : 450.00



(9) Re-Construction of Collapsed RCC Slab Armed Veng South to Bethlehem Vengthlang.
Length : 1.00



(10) Re-Surfacing of Chhinga Veng Internal Road
Length : 750.00

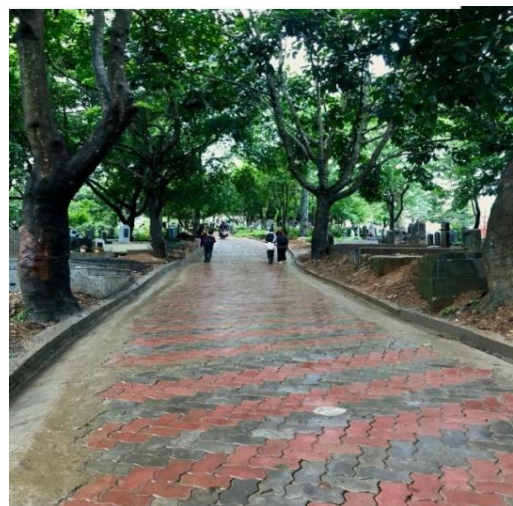


(11) Patch Repair and Seal Coating of Bawngkawn to Chanmari via Ramhlun
Length : 3500.00

UNDER SPP FOR VARIOUS WORKS



(1) Laying of Paver Block Dawrpui Cemetry Internal Road (Upper Lan).
Length : 225.00



(2) Re-Surfacing of Industry Peng to ramhlun Vengthar Road.
Length : 1250.00

UNDER SPP FOR VARIOUS WORKS

Sl.No	Name of Work	Achievement Qty Unit		Remarks
1	Laying of Paver Block Dawrpui Cemetry Internal Road (Upper Lan).	225.00	Rm	Picture Shown on Fig.No 1
2	Construction of retaining Wall below Govt Mizo High School Field Opposite to Pu Hrangzika's House	12.80	Rm	
3	Civil Hospital Approach Road and Bazar Bungkawn to Millenium Centre SH:(Re-Construction of Rectangular RCC Drains with Cover near Aizawl Civil Hospital.(I) Rectangular RCC Drain with cob=ver along Civil Hospital Approach Road. (II) RCC Cross drain on Civil Hospital Approach Road. (III) Rectangular RCC Drain with cover between Civil Hospital Approach upto Civil Hospital OPD appraoch (Footpath) on Bazar Bungkawn to Millenium Centre via Upper Bazar).	117.00	Rm	
4	Re-Surfacing of Industry Peng to Ramhlun Vengthar Road	1250.00	Rm	Picture Shown on Fig.No 2
5	Re-Construction of R/Wall near TBC Rozar's House near Ramhlun North Presbyterian Church	13.00	Rm	
6	Construction of RCC Channel on Chhinga Vengthar Road at Ch:0.500 Jmp near Chhinga Vengthar Presbyterian Church	82.00	Rm	

UNDER NEDP FOR VARIOUS WORKS

Sl.No	Name of Work	Achievement Qty Unit		Remarks
1	Widening of Approach road to Armed veng at Dawrpui Cemetry under Aizawl Road North Division	3.00	m	Picture Shown on Fig.No 1
2	Improvement of Ramthar - Zemabawk (Thuampui) Inter village (Town) Road	0-1170	Kmp	Picture Shown on Fig.No 2
3	Construction of Link Road Between Armed Veng to RamtharVeng Near Theihai Tuikhur to Sihpui (Phase-I)	82.00	Rm	Picture Shown on Fig.No 3
4	Construction of Protection works below Ramhlun Sport Complex on Sihpui to Ramhlun Vengthar Bus Turning Point	26.00	Rm	Picture Shown on Fig.No 4
5	Improvement of Steep Gradient at Ch.2.750Kmp on Tuikhurhlu to Sihpui road near Sihpui	50.00	Rm	Picture Shown on Fig.No 5
6	Blacktopping of Bethlehem Vengthlang to Armed Veng South (Sh: Construction of concrete Pavement of Bethlehem Vengthlang to Armed Veng South)	5.50	m	Picture Shown on Fig.No 6
7	Construction of Retaining wall at 1st MAP internal road at Armed Veng	650.00	Rm	Picture Shown on Fig.No 7
8	Patch Repair and Resurfacing of Sihpui to Tlak Lui Upto Bawngkawn South Road			Picture Shown on Fig.No 8
9	Construction of R/Wall on Bazar Bungkawn to Armed Veng / Mangazine kawn road at 0.180Kmp (at Saron Veng)	15.50	Rm	Picture Shown on Fig.No 9
10	Construction of Protection wall and Pedestrian footpath at Electric Hebron (Sh Construction of Retaining Wall)	13.00	Rm	Picture Shown on Fig.No 10

UNDER NEDP

(1) Widening of Approach road to Armed veng at Dawrpui Cemetry under Aizawl Road North Division



Length : 3m

(2) Improvement of Ramthar - Zemabawk (Thuampui) Inter village (Town) Road.

(3) Construction of Link Road Between Armed Veng to RamtharVeng Near Theihai Tuikhur to Sihpui (Phase-I)

(4) Construction of Protection works below Ramhlun Sport Complex on Sihpui to Ramhlun Vengthar Bus Turning Point.



Length : 0-1170 Kmp



Length : 82.00 Rm



Length : 26.00 Rm

(5) Improvement of Steep Gradient at Ch.2.750Kmp on Tuikhurhlu to Sihpui road near Sihpui

(6) Blacktopping of Bethlehem Vengthlang to Armed Veng South (Sh: Construction of concrete Pavement of Bethlehem Vengthlang to Armed Veng South)

(7) Construction of Retaining wall at 1st MAP internal road at Armed Veng.



Length : 50.00 Rm

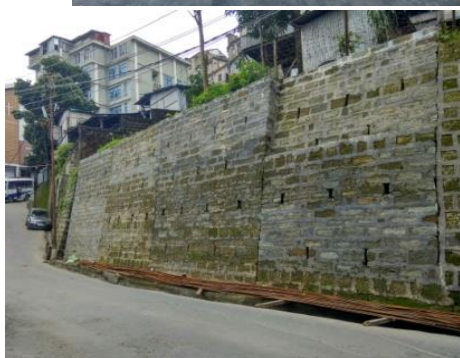


Length : 1.50 Km



Length : 650.00 Rm

- (8) Patch Repair and Resurfacing of Sihpui to Tlak Lui Upto Bawngkawn South Road
 (9) Construction of R/Wall on Bazar Bungkawn to Armed Veng /Mangazine kawn road at o.180Kmp (at Saron Veng)
 (10) Construction of Protection wall and Pedestrian footpath at Electric Hebron (Sh Construction of Retaining Wall).



Length : 15.50m



Length : 13.00 Rm

AIZAWL ROAD NORTH SUB DIVISION-II

Sl No.	Name of Work	Achievement		Remarks
		Qty	Unit	
1	Approach road to ATC with Internal roads and main Building Courtyard.	1.717	km	
2	Construction of Masonry Retaining Wall and Gabion structure R/Wall on approach road to Assam Rifles Complex at Zokhawsang at Ch: 0.230kmp.	40.00	Rm	
3	Concrete Pavement for approach road to Bawngkawn 'S' Cemetery at Durtlang Ramthar	600.00	Rm	
4	Pavement of BSNL to BRTF at Ch: 6.615kmp at Durtlang	617.20	Rm	
5	BSNL to BRTF road RCC Slab Culvert at Ch: 6.615kmp at Durtlang	617.200	Rm	
6	Resurfacing of Falkland to Chite	1.150	km	
7	Resurfacing of Thingkhim to Galilee veng at Zemabawk	680.00	Rm	
8	Resurfacing of approach road to Synod Hospital upto Gate	1000.00	Rm	
9	Reconstruction of R/Wall on Chite road a tCh: 0.150kmp near Pastor Biakvulmawia's house.	22.00	Rm	
10	Construction of R/Wall on Durtlang Lower Lane road at Ch: 1.670kmp.	10.00	Rm	
11	Construction of Link Drain on Down hill side culvert at entrance of Brigade Field approach road.	31.00	Rm	

12	Resurfacing of Romantic Road at Durtlang,	383.00	Rm	
13	Metalling and Black Topping of Thuampui Internal Road (Lalthanga Road)	100.00	Rm	
14	Construction of R/Wall near Pu Zahnuna's house on approach road to Theihai Huan at Thuampui.	9.700	Rm	
15	Chanmari to Bawngkawn via Chaltlang	1.00	km	
16	Approach road to ICFAI Road at Durtlang.	1.320	km	
17	Pavement from Quality to Mechanical Sub Division	486.50	Rm	
18	Pavement from Quality to Bitumen Sytock Yard	550.00	Rm	



Approach road to ATC with internal roads and main Building Courtyard. TotalLength = 1.717 km,



Approach road to ATC with internal roads and Main Building courtyard. Total length= 1.717 Km.



Construction of Masonry Retaining Wall and Gabion structure R/Wall on approach road to Assam Rifles Complex at Zokhawsang at Ch: 0.230kmp. Length 40.00 Rm.



Concrete Pavement for approach road to Bawngkawn 'S' Cemetery at Durtlang Ramthar Total Length = 600.00M.



Pavement of BSNL to BRTF road with RCC Slab Culvert at Ch: 6.615kmp at Durtlang Total Length = 617.20 M



Pavement of BSNL to BRTF road with RCC Slab Culvert at Ch: at 6.615kmp Durtlang Total Length = 617.20 M



Resurfacing of Falkland to Chite Total length= 1.150kmp



Resurfacing of Falkland to Chite Total length= 1.150kmp



Resurfacing of Thingkhim to Galilee veng at Zemabawk Total Length = 680.00 M



Resurfacing of approach road to Synod Hospital upto Gate Total Length = 1000.00M.



Resurfacing of approach road to Synod Hospital upto Gate. Total Length = 1000.00M



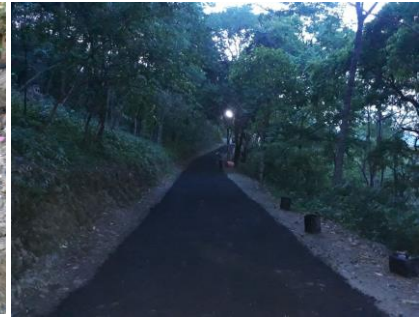
Reconstruction of R/Wall on Chite road at tCh: 0.150kmp near Pastor Biakvumawia's house. Total Length = 22.00 M.



Construction of R/Wall on Durtlang Lower Lane road at Ch: 1.670kmp. Total Length = 10.00M.



Construction of Link Drain on Down hill side culvert at entrance of Brigade Field approach road. Total Length = 31.00Rm.



Resurfacing of Romantic Road at Durtlang. Total Length = 383.00 m



Metalling and Black Topping of Thuampui Internal Road (Lalthanga Road), Total Length = 100.00Rm



Construction of R/Wall near Pu Zahnuna's house on approach road to Theihai Huan at Thuampui.



Chanmarito Bawngkawn via Chaltlang. Total Length = 1.00 km



Pavement from Quality to Mechanical Sub Division, Total Length = 486.50 m



Approach road to ICFAI Road at Durtlang. Total Length = 1.320 km



Pavement from Quality to Bitumen Sytock Yard, Total Length = 550.00 m

AIZAWL ROAD NORTH SUB-DIVISION-III

- 1) Name of Work : Construction of Approach Road to Aisih ruam at Tlawng River, Tanhril, Mizoram
- 2) Estimate Amount : 1731.63 lakhs
- 3) Uptodate Achievement : 1) Earthwork for formation Widening & cutting = 39.50%
- 4) Benefeciaries/Impact :

The Approach road to Aisih Ruam at Tanhril road is bifurcates from Mizoram University (MZU) road at Saizahawla Boarding School (SBS) Hostel. There are convenient places for extracting River sand on the bank of R.Tlawng below Aisih ruam. Extraction of these free sand will be helpful for minimising the import of sand from outside the state of Mizoram and will increase the state's revenue in a very big amount.



AIZAWL ROAD NORTH SUB-DIVISION-III

- 1) Name of Work : Construction of Approach Road to Govt. Complex Housing at Luangmual
- 2) Estimate Amount : 177.60 lakhs
- 3) Uptodate Achievement : 1) Formation cutting (Earthwork) = 77 %
- 4) Benefeciaries/Impact :

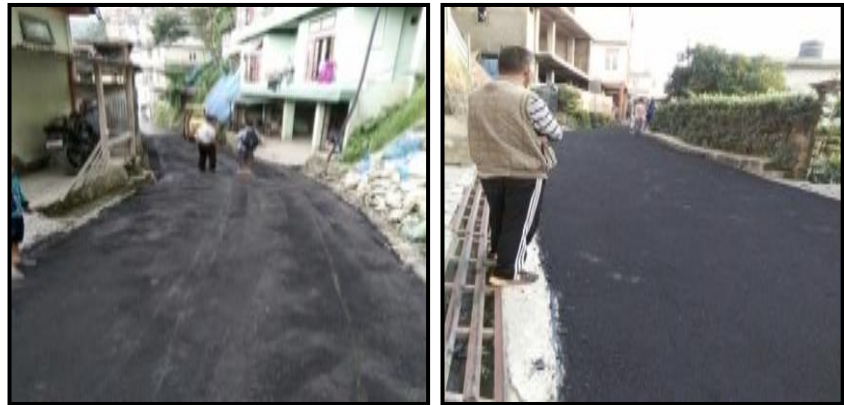
The State Government has proposed to construct Govt. Housing Complex for Govt. Employees within the area of Luangmual and nearby Govt Complex. For carrying of construction materials as well as for the approaching the complex site, it is felt necessary to construct approach road for a length of 0.900 km. The proposed road bifurcated from Police Outpost, Zonuam to Govt Complex road at 0.810 kmp near PCI Church, Govt Complex.



AIZAWL ROAD NORTH SUB-DIVISION-III

- 1) Name of Work : Patch repair and Seal Coating of Bazar Bungkawn to Vaivakawn road
- 2) Estimate Amount : 30.00 lakhs
- 3) Uptodate Achievement : 1) Patch repair and seal coating = 100.00%
- 4) Benefeciaries/Impact :

Bazar Bungkawn to Vaivakawn road is 1.300 km in length and 3.60m (average) width. It connects Main road of Bawngkawn to Sikulpuikawn at Bazar Bungkawn from Vaivakawn . The road is an important route for the inhabitants of western belt of Aizawl city viz: Vaivakawn, Luangmual, Chawlhmun, Tuivamit, Tanhril , Sakawrtuichhun localities etc. for importing goods and other commodities.



AIZAWL ROAD NORTH SUB-DIVISION-III

- 1) Name of Work : Construction of Approach Road to Social Guidance Agency Centre at Sakawrtuichhun.
- 2) Estimate Amount : 35.81 lakhs
- 3) Uptodate Achievement : = 80%
- 4) Benefeciaries/Impact : Social guidance agency is situated near PTC Lungverh. It is a social service Agency housing the afflicted drug addicts etc. Approach road of Social Guidance Agency bifurcates from Ramrikawn to PTC road at ch.6.050kmp. The total road length is 600.00Rm having an average width of 3.60rm. As the previous road is an earthen road, there are lots of problems face by vehicles frequently while carrying of household commodities and Goods for the Agency. To solve this problem, pavemnt of the approach road is felt necessary.



4. AIZAWL ROAD SOUTH DIVISION :

REPORT FOR SPP
Aizawl Road South Division

(Rs. In Lakhs)

SI No	Name of Work	Target during 2017-2018			Remark
		Phy	Unit	Fin	
1	2	3	4	5	6
1	Widening of Existing Road & Construction of Protection Works on Kawltheihuan Road at Khatla East				
	Pavement	138.10	Rm	132.30	
	Protection Works	206.40	Rm		
	V-Shape RCC Lined Drain	209.10	Rm		
	Extension of Existing RCC Culvert	1.50	Rm		
2	Concrete Pavement from Bungkawn Vengthar to District Revenue Office, New Secretariat Complex	170.00	Rm	15.62	
3	Construction of Concrete Pavement on Khatla Ring Road in front of Nursery Tuikhur at Nursery Veng	14.00	Rm	2.12	
4	Construction of Cement Concrete Pedestrian Footpath on Approach Road to NSC Presbyterian Church	75.50	Rm	2.50	
5	Construction of Nursery Lower Lane Jeepable Road at Nursery Veng			71.84	
	Permanent Works	45.00	Rm		
	Pavement Works	130.00	Rm		
	Retaining Wall	10.00	Rm		
	RCC Lined Side Drain	130.00	Rm		
6	Improvement of Chuanhnuai Kawn to Bethlehem Venglai North Presbyterian Biak In, Bethlehem Vengthlang	0.394	Km	30.00	
7	Concrete Pavement of Hrawva School to Prebyterian Pastor Quarters, Venghlu	0.160	Km	12.01	
8	Construction of Retaining Wall near Pu Ch. Chhunga's house on Sihtuikhur to Tuithiang Road	8.50	Rm	1.06	
9	Widening of PUC to Bethlehem Vengthlang (From PUC to Umpupuk Lui)	0.160	Km	27.49	
10	Strengthening of Minor Bridge on Sihtuikhur to Tuithiang Road	1	No	3.54	
11	Repair of potholes with full sealcoat on Aizawl Bypass Road, Ch 2.00-4.00 kmp	2.00	Km	30.00	
12	Rehabilitation of major Landslide near Tuithiang Prebyterian Church, Aizawl	45.00	Rm	81.63	

13	Construction of Retaining Wall on College Veng to Mualpui Zero Point	6.50	Rm	1.21	
14	Construction of RCC Side Drain at Republic Road, Sikulpuikawn, Mission Veng	37.30	Rm	3.30	
15	Repair of Bad stretches and Seal coating of Approach Road to CID Complex and YMA Road at Bungkawn	230.31	m ²	3.01	
16	Construction of Cement Concrete Pavement of Approach Road to Lawipu Middle School	84.00	m ³	12.51	
				430.14	
<i>(Rupees four hundred thirty and paise fourteen) only.</i>					

REPORT FOR NEDP
Aizawl Road South Division

(Rs. In Lakhs)

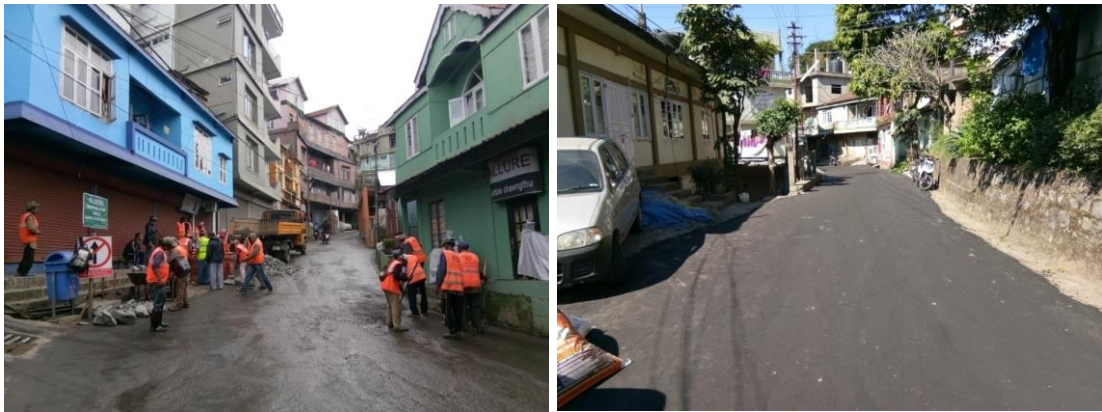
SI No	Name of Work	Target during 2017-2018			Remark
		Phy	Unit	Fin	
1	2	3	4	5	6
1	Construction of Jeepable Road from Khatla South Church to Khatla East at Aizawl			100.00	SDO-III
	Pavement Works	246.00	Rm		
	V-Shape RCC Lined Drain	157.00	Rm		
	RCC Slab Culvert	1	No		
	RCC Box Culvert	1	No		
	Permanent Works	20.00	Rm		
	Protection Works	100.95	Rm		
2	Construction of Side Drain Cover for City Road	443.60	Rm	33.94	
3	Construction of Motorable Bridge and Flexible Pavement from Hipheia Road to MHNL at Dinthar Veng	70.00	Rm	41.50	
4	Pavement of Approach Road to District Revenue Building at New Secretariat Complex, Aizawl	86.80	Rm	9.05	
5	Resurfacing works within Aizawl Road South Division	955.90	Rm	25.00	
6	Construction of Protection Wall near ATI at New Secretariat Complex Retaining Wall No. 1, 2 & 3	39.00	Rm	19.24	
7	Repair of formation breaches, removal of road block and landslip etc. on roads under Aizawl Road South Division	4813.76	m ³	11.00	
8	Construction of Link Drain and R/Wall at New Secretariat Complex near ACB Building			30.86	
	Link Drain	18.80	Rm		
	Retaining Wall	15.00	Rm		
9	Construction of Breast Wall on Aizawl Bypass Road at chainage 2.100 Kmp	12.00	Km	15.000	SDO-I

10	Patch Repair of Bethlehem Vengthlang Kawn to PUC Gate, College Veng	382.600	Sqm	5.33	
11	Patch Repair of ITI Ring Road (near Presbyterian Church)	676.80	Sqm	15.00	
12	Construction of Side Drain on ITI to Mualpui Road	841.000	Rm	20.00	
13	Resurfacing in patches and full seal coat from ITI to R. Dengthuama Stadium, Mualpui	2.50	Km	65.00	
14	Rehabilitation of Approach Road to Rajiv Gandhi Sport Stadium and R. Dengthuama's Indoor Stadium at Mualpui	49.00	Rm	91.05	
15	Resurfacing works within Aizawl Road South Division (Resurfacing of Southern Gate of Raj Bhavan to PCCF Office, Tuikhuahtlang Road)	0.284	Rm	10.50	
16	Resurfacing works within Aizawl Road South Division (Repair of Bad Patches and Potholes on Aizawl Bypass Road)		Rm	18.56	
17	Improvement & Widening of Venghnuai Playfield to Taivela Mual Road at Venghnuai	0.240	Km	50.00	
18	Improvement/Black topping of CP road from ARCBR Rest House Chite road via Thingdawluam upto Chhuanliana's House, Bethlehem Vengthlang	0.55	Km	50.00	
19	Repair/Strengthening of Weak bridges under NEDP (Sh : Strengthening of Chite Bridge on Aizawl Bypass Road)	1	No	17.74	
20	Construction of Retaining Wall on Aizawl Bypass Road at Chainage 3.200 Kmp	21.00	Rm	26.24	
21	Repair of Potholes with Full Seal Coat on Aizawl Bypass Road, Ch 0.00-2.00 Kmp)	2.00	Km	19.50	
22	Construction of U-Shaped RCC Side Drain and Retaining Wall on Maubawk to Nursery Road			4.65	SDO-II
	Side Drain	105	Rm		
	Retaining Wall	4.60	Rm		
23	Resurfacing of Ailawng Internal Road	0.500	km	9.50	
24	Resurfacing works within Aizawl Road South Division	-	-	20.00	
25	Repair of formation breaches, removal of road block and landslip etc on roads under Aizawl Road South Sub-Division - II	4919.34	m3	11.00	
26	Geometrical Improvement of Approach Road to Mission Vengthlang Cemetery (Sh: Construction of Embankment and Cement Concrete Pavement and Retaining Wall)			8.35	
	Cement Concrete Pavement	172	Rm		
	Retaining Wall	33	Rm		
27	Construction of Cement Concrete Pavement of Maubawk kawn Veng to Lawipu Road	0.160	km	13.66	
28	Working Estimate for Construction of Pavement from Hlilmen High School to Melthum Middle School.	300.00	m3	15.70	
29	Resurfacing with Shoulder improvement of Kulikawn to Aizawl City Bus Terminus on ATL Road	500.00	m3	25.00	
				782.37	
<i>(Rupees seven crore eighty two lakh thirty seven thousand) only.</i>					

**U-Shaped RCC Side Drain and Retaining Wall (Maubawk to Nursery Rd)
& Resurfacing of Ailawng Internal Rd**



Some resurfacing works within ARSD



Repair of Formation Breaches, Removal of Road Block and Landslip, etc. on Roads under ARSDDD-II



Cement Concrete Pavement of Approach Road to Lawipu Middle School

Geometrical Improvement of Approach Road to Mission Vengthlang Cemetery
(Sh: construction of embankment and cement concrete pavement and retaining wall)



Pavement of Approach Road to District Revenue Building at New Secretariat Complex, Aizawl



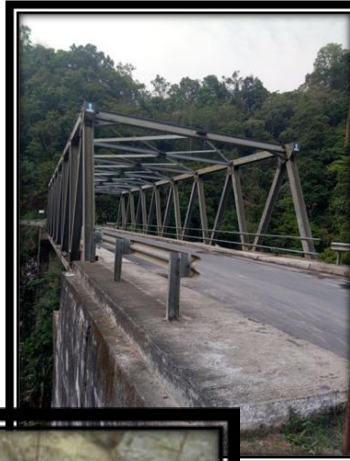
Concrete Pavement from Bungkawm Vengthar to District Revenue Office, New Secretariat Complex.



Patch Repair of ITI Ring Road (near Presbyterian Church)

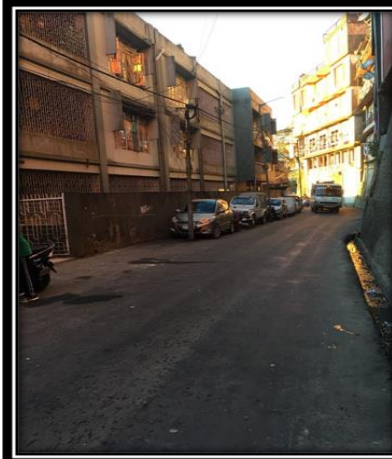
Repair/Strengthening of Weak Bridge under NEDP.

(Sh: Strengthening of Chite Bridge on Aizawl Bypass Road.



Construction of Retaining Wall on Aizawl Bypass Road at Chainage 3.200 kmp.

Resurfacing works within Aizawl Road South Division (Resurfacing of Southern Gate of Raj Bhavan to PCCF Office, Tuikhuahtlang Road).





Repair of Potholes with Full Seal Coat on Aizawl Bypass Road at Ch 0.00-2.00 kmp.



Construction of Jeepable Road from Khatla South Church to Khatla East at Aizawl.



Construction of Side Drain cover for city road.



Construction of Cement Concrete Pedestrian Footpath on Approach Road to NSC Presbyterian Church.



Improvement of Chuanhnuai Kawn to Bethlehem Venglai North Presbyterian Biak In, Bethlehem Vengthlang (L=0.4 km, Rs 30 Lakhs, R&B).



Concrete Pavement of Hrawva School to Prebyterian Pastor Quarters, Venghlui.



Construction of Concrete Pavement on Khatla Ring Road in front of Nursery Tuikhur at Nursery Veng.



Resurfacing works within Aizawl Road South Division. (Repair of Bad Patches and Potholes on Aizawl Bypass Road).



Construction of Motorable Bridge and Flexible Pavement from Hipheia Road to MHNL at Dinthar Veng.



Widening of Existing Road & Construction of Protection Works on Kawltheihuan Road at Khatla East.



Widening of PUC to Bethlehem Vengthlang (From PUC to Umpupuk Lui), L=0.160 km, Rs 27.49 lakhs, R&B.



Repair of Bad Stretches and Seal Coating of Approach Road to CID complex and YMA Road at Bungkaxen

**Construction of Protection Wall near ATI
at New Secretariat Complex Retaining Wall No. 1,2 & 3**

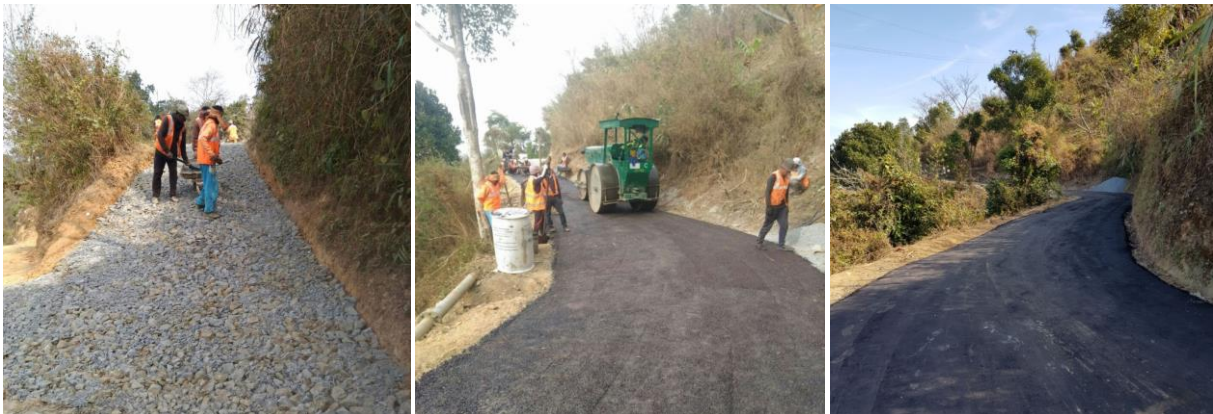


Repair of potholes with full sealcoat on Aizawl Bypass Road, Ch 2.00-4.00 km ϕ (L=2 km, Rs 30 Lakhs, R&B).



Rehabilitation of Approach Road to Rajiv Gandhi Sport Stadium and R. Dengthuama's Indoor Stadium at Mualpui

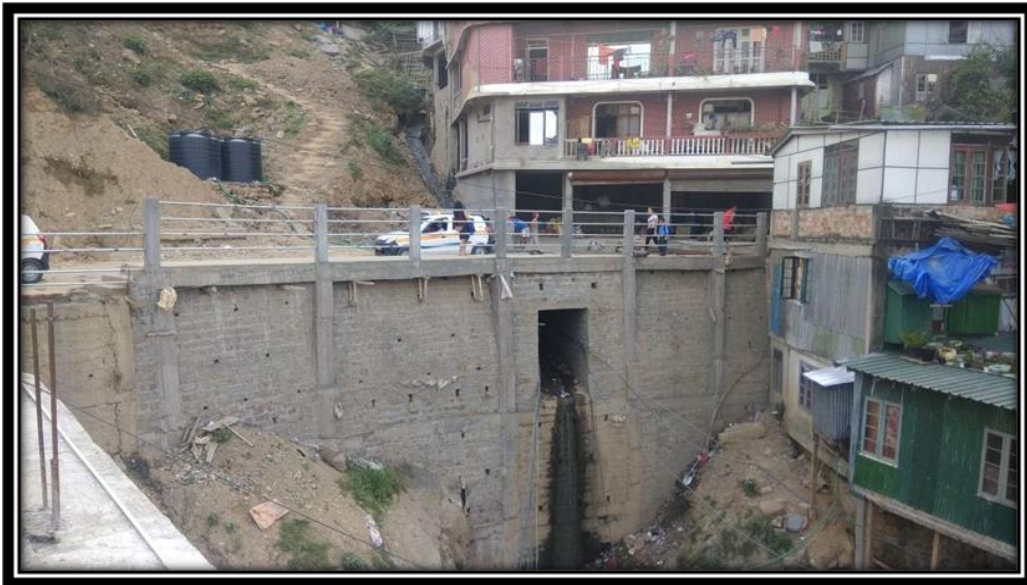
**Construction of Pavement from Hlimen High School to Melthum Middle School
(pic.: Before & After)**



**Cement Concrete Pavement of Maubawk Kawnveng to Lawipu Road
Construction of Breast Wall on Aizawl Bypass Road at chainage 2.100 Kmp**



**Rehabilitation of major Landslide near Tuithiang Prebyterian Church, Aizawl
(L=45 Rm, Rs 81.63 Lakhs, R&B, 8.1.2018-12.3.2018)**



**Resurfacing with Shoulder improvement of
Kulikawn to Aizawl City Bus Terminus on ATL Road**



Chapter 6

ACHIEVEMENTS ON HIGHWAY SECTOR

INTRODUCTION: Chief Engineer, PWD, Highways, Mizoram is looking after the National Highways entrusted to Mizoram, PWD. The total length of National Highways entrusted to Mizoram PWD is 1414.318 km.

Apart from the normal works of National Highways under its control, construction of 90.82 km length of road on NH-502A under Kaladan Multi Modal Transit Transport project is in great progress.

The achievements may be categorized into 3 groups :

- A : National Highway Original (NHO) Works,
 B : Projects under SARDP-NE and
 C : Periodic Renewal (PR) Programme (under M & R).

Brief highlights of the achievement made during the reported year are given below:-

A. National Highway Original (NHO) Works :

Rs in Lakhs

Sl.No	Name of Work	Sanctioned Estimate (lakhs)	Cumulative achievement from the beginning of the work		Remarks
			Phy.	Fin.	
1	2	3	4	5	6
1	Construction of R/Wall & parapet at various location between Km 0/00 to Km 30/00 & Km 60/00 to Km 130 on NH-150 in the State of Mizoram. (Job No.150-MZ-2013-14-088)	515.86(O) Dt.23.12.13	100.00%	467.00	Expenditure is excluding 9% Agency Charge. Mobilization Advance fully recoved
2	Strengthening with Geometric improvement from Km 520/000 to 562/000 (Selected Stretches)	1935.31	100.00%	1467.55	Work completed, payment not fully done
3	Reconstruciton of Pipe Culverts on NH-54 between km 389/00 to km 463/00 (Location at km 391/200, 392/320, 392/870, 393/650, 394/250, 397/870, 395/210, 403/900, 415/970, 417/160, 422/700, 425/800, 426/530, 426/780, 433/126, 437/550, 441/650, 442/350, 445/460, 447/053, 447/190, 460/230) during 2014-15 in the State of Mizoram. (Job No.54-MZ-2014-15-094)	295.60(O) Dt.19.3.15	100.00%	185.34	Sanction for supplementary work i.e reconstruction collapsed culvert at Km 416.150 is being waited

4	Rehabilitation of pavement on NH 154 from Km 89.00 to Km 99.50 under NH(o) for the year 2015-16 in the State of Mizoram (Job No. 154/MZ/2015-16/90)	2835.05	97.26%	1442.16	Completed
5	Construction of High level Prestressed concrete bridge over R. Tut at Km 51/000 on NH-44 'A' (Job No.044A-MZ-2008-09-053)	1313.80(O) Dt.2.3.09 19.26® 10.2.2016	100.00%	1548.30	Work is completed on 31.12.2016
6	IRQP of NH-302 from Km 0/00 to Km 30/00 (Lunglei to Pachang section) (Length = 30.00 Km) under NH(O) for the year 2015-16 in the State of Mizoram. Job No.302/MZ/2015-16/101	1652.73 Dt.31.3.16	54.00%	906.48	Work in progress
7	Restoration of decking and Bailey structure for 80.00m span Bailey Suspension Bridge over R. Phairuang and for 60.00m span Bailey Bridge over R.Tuichawng for the year 2015-16 in the State of Mizoram.	107.69	90%	61.45	Work in progress
8	Diversion of collapsed formation at Km 260.40 - Chhingchhip village on NH-54 for the year 2015-16 in the State of Mizoram. Job No. 54/MZ/2015-16/98)	225.02 Dt.29.3.16	100%	154.00	completed
9	Construction of Slab Culverts and Retaining wall at various locations between km 0/00 to km 11/00 on NH-44A. (Job No. 44A/MZ/2016-17/110)	142.46 dt.3.2.2017	100.00%	103.08	Completed
10	Construction of road safety works like road signage , etc. on NH-102B (Saichal to Ngopa) in the State of Mizoram for the year 2016-17. (Job No. 102B/MZ/2016-17/106)	123.77	100%	112.99	Completed
11	Road safety works like Signage, Culverts etc. on NH-302 for the year 2015-16 in the State of Mizoram. (Job No. 302/MZ/2016-17/105)	1142.82	75%	714.82	Work in progress
12	Construction of Bailey Bridge over R.Tlawng at km 5.20 on NH 44A (strengthening of existing 24R capacity (DDR) to 40R Loading capacity (TDR) by reducing the span to 170ft and construction of new abutments) in the state of Mizoram.	297.26(O) 434.07®	90%		Work in progress

13	Reconstruction of Bailey bridge (200 ft.) over R.Tuirini at Km 25.00 on NH-150. Job No.150/MZ/2016-17/104	390.69	90%	292.64	Expenditure is excluding 9% Agency charge. Bridge collapsed on 13.2.2018. Report submitted vide Letter No. Tech-17016/32/16/NHD-II/27 Dt. 19.2.2018. Re-Construction of Bridge started under State Priority Programme
14	Rehabilitation of Tuirial PSC Bridge for 70m span on NH-54 at 205 kmp. (Job No. 54/MZ/2016-17/111)	92.62	100.00%	65.00	Completed
15	Construction of Rock fall Area By-pass on Lengpui Airport Road on NH-44'A' on EPC Mode	6379.60	22.00%	1180	Work in progress
16	Re-Construction of retaining walls,slab culverts,signages,etc for road safety from km 0/00 to km 150/00 of NH-6. (Job No. 06/MZ/2016-17/108)	292.00	11%	0	Work in progress
17	Construction of 2 Lane with paved shoulder of flexible pavement from Km 42.80 to Km 60.30 on NH No. 150 during 2016-17 in the state of Mizoram on EPC Mode under NH(O). (Job No. 150/MZ/2016-17/107)	20595.00	0%	0	Work in progress

B. Progress of Projects under SARDP-NE :

Rs in Crore

Sl. No.	NH. No.	Name of Work/Scheme	Sanctioned Estimate (in crore)	Cumulative achievement from the beginning of the work		Remarks
				Phy.	Fin.	
1	2	3	4	5	6	7
1	44A	Widening to 2 lane, re-alignment and geometric improvement from Km 11/00 to Km 114/618 of NH 44A in Mizoram under Phase A of SARDP-NE	624.41(O) 713.50(R)	67.50%	512.51	Work in progress
1	54	Feasibility study & Preparation of DPR in house for 2-laning of NH 54 from Km 250/00 to 381/00 of Lunglei to	66.24	80.00%	46.96	Work in progress

		Tuipang Section in the State of Mizoram.				
2	502A	Construction of a new 2-lane Highway from km 0.00 (on NH-54 near Lawngtlai) to km 38.00 (Length=37.04 Km) in Mizoram to support Kaladan Multi Modal Transit Transport Project in Phase-'A' of SARDP-NE Package-I	195.04(O) 253.12 (R1) Agt. Rs242.73 377.99 (R2) Agt. Rs298.18	67.09%	251.28	Work in progress
3	502A	Construction of a new 2-lane highway from km 38/00 to 71/00 in Mizoram to support Kaladan Multi Modal Transit Transport Project in Phase 'A' of SARDP-NE (Package MM-II)	186.96(O) 207.05® 305.61(R)	84.28%	244.56	Original TDC = Sept 2014. Revised TDC 2018 RCE-II = 30/6/18
4	502A	Construction of new 2 Lane Highway from kmp 71/00m - 99/83 Kmp in Mizoram to support Kaladan Multi Modal Transit Transport Project in phase 'A' of SARDP - NE Package III	193.69(O) 217.03® 327.92 (R) (Agmt Amt=255.11) Price escalation=59.32)	72.10%	178.79	Targets cannot be achieved due to various problems such as frequent strikes/total bandh organised by landowners, mega block, scarcity of construction materials, unavailability of labour etc.

C. STATUS OF PERIODIC RENEWAL (PR) PROGRAMME (under M&R head):

Rs in Lakhs

Sl. No.	Name of work	Sanction Amount	Cumulative progressive from the beginning of the work		Remarks
			Phy	Fin	
1	2	3	4	5	6
1	PR from km 365/00 to km 405/00 (new chainage) of NH-54 (Lunglei to Tuipang sector) in the State of Mizoram Job No. TA-054-MZ-2014-15/82.	1209.07(O) Dt.31.3.2015	100.00%	1018.94	Work is completed.

2	PR from km 294/00 to km 365/00 (new chainage) of NH-54 (Lunglei to Tuipang sector) in the State of Mizoram Job No. TA-054-MZ-2014-15/83.	2260.29(O) Dt.31.3.2015	100.00%	1884.59	Work completed.
3	IRQP from Km 405/00 to Km 475/00 (Total = 70.00 Km) for the year 2013-2014 on NH-54 in the State of Mizoram Job No. TA-054-MZ-2014-15-092.	3402.21(O) Dt.31.3.14	100.00%	3220.08	Work completed.
4	IRQP from Km 475/00 to Km 520/00 on NH-54 (Lunglei - Tuipang Sector) in Mizoram. Job No. TA-054-MZ-2014-15-81.	1481.56(O) Dt.31.3.2015	100.00%	1283.35	Works physically completed but complete payment is not made
5	PR from Km 0/00 to Km 35/00 (Length = 35.00 Km) on NH-6 (Seling to Keifang) during 2015-16 in the State of Mizoram. Job No. TA-6-MZ-2015-16/87.	1665.67	99.00%	1274.00	Work in progress
6	IRQP from Km 80/00 to Km 110/00 (Length = 30.00 Km) on NH-6 (Kawlkulh to Khawzawl) during 2015-16 in the State of Mizoram. Job No. TA-6-MZ-2015-16/88.	1595.71	55.00%	730.00	Work in progress
7	PR from Km 0/00 to Km 42/80 (Length = 42.80 Km) on NH-150 during 2015-16 in the State of Mizoram Job No. TA-150-MZ-2015-16/86.	1371.15	100.00%	1249.67	Expenditure is excluding 9% Agency charge.
8	PR from Km 184/00 to Km 204/00 (Length = 20.00 Km) on NH-54 during 2015-16 in the State of Mizoram Job No. TA-54-MZ-2015-16/85.	1966.39	100.00%	1791.00	Work in progress
9	PR form km 60/00 to km 100/00 (Length 40.00 km) on NH-150 during 2015-16 in the State of Mizoram Job No. TA-150-MZ-2015-16/89.	1676.73	4.00%	0.00	Work in progress
10	IRQP of NH-302 from Km 30/00 to Km 60/00 (Pachang to Sihphir section = 30.00 Km) for the year 2015-16 in the State of Mizoram.	1957.00	47.00%	821.53	Work in progress
11	IRQP of NH-302 from Km 60/00 to Km 94/00 (Sihphir to Tlabung section = 30.00 km) for the year 2015-16 in the State of Mizoram.	2191.00	27.00%	480.54	Work in progress
12	IRQP from Km 0/00 to Km 45/00 (Length=45Km) on 306A from Vairengte to Tuirial). Job No. (ARP(Phase-II)/MZ/2016-17/092/3)	2444.00	16.00%	196.10	Work in progress
13	IRQP FROM Km 105/00 to Km 119/00 on NH-154 in the State of Mizoram	1341.00	40.00%	0.00	Work in progress
14	PR from Km 40.70- km 70.00 on NH-54 in the state of Mizoram Job No. (ARP(Phase-I)/MZ/2016-17/91-d)	1995.00	36.00%	340.00	Work in progress

15	IRQP from km 0/00 - km 27/38 on NH 54 B in the State of Mizoram	1674.00	0.00%	0.00	Mobilization of work in progress.
16	PR form km km 100/00 to Km 130/00 (Length 30.00 km) on NH-150 Job No. (ARP(Phase-II)/MZ/2016-17/092/2).	1457.00	0.00%	0.00	Show cause notice is given to the contractor vide letter no. Tech-17016/10/2017/NHD-II/48 Dt. 16.2.2018 due to delay for starting the work.

D. DIVISION REPORTS :

Some of the Division Reports are given below :

1. NH DIVISION - I

Sl.No.	Name of Work	Sanctional Amount	Achievement during 2017-2018		Remarks
			Physical	Financial	
1	Construction of High level Prestressed concrete bridge over R. Tut at Km 51/000 on NH-44 'A' (Job No.044A-MZ-2008-09-053)	19.26@ 10.2.2016	100.00%	1548.30	Work is completed on 31.12.2016
2	Construction of Rock fall Area Bypass on Lengpui Airport Road on NH-44'A' on EPC Mode	63.796 @ 17.10.2016	22.00%	1180	Work in progress
3	Widening to 2 lane, re-alignment and geometric improvement from Km 11/00 to Km 114/618 of NH 44A in Mizoram under Phase A of SARDP-NE	624.41(O) 713.50(R)	67.50%	512.51	

2. NH Division-II :

Sl.No.	Name of work	NH.No.	Length	Physical achievement	Agreement amount
1	Construction of 2 - laning with paved shoulder Flexible pavement from Km 42.80 to Km 60.30 on NH-150	150	17.50 Kmp	Formation cutting (F.C.) = 7.50 Km	Rs. 140.00 crores

3. NH Division-III :

Sl. No	Name of Work/Scheme	Sanction Estimate (in lakh)	Details of works	Achievement during 2017 - 18		Remarks
				Phy. (km)	Fin. (lakh)	

1	PR from km 0/00 to km 35/00 on NH-6 (Seling to Keifang) Job No. TA-6-MZ-2015-16/87 dt 29.12.2015	1665.67	Earthen shoulders= 35km	35.00	1274.00	100 % completed
			Surface Drains =35km	35.00		
			Completion of Crust upto WBM level (35km)=1693.06 cum	35.00		
			Completion of Crust upto BM level (km)= 8.10 km	8.10		
			BC (Bituminous Concrete) = 35km	35.00		
Centre Line Markings = 35km	35.00					
2	IRQP from km 80/00 to km 110/00 on NH-6 (Kawlkulh to Khawzawl) Job. No. TA-6-MZ-2015-16/88	1595.71	Earthen shoulders= 35km	0.00	730.00	55 % completed
			Surface Drains =35km	30.00		
			Completion of Crust upto WBM level (30km)=2863.93 cum	16.00		
			Completion of Crust upto BM level (km)= 11.30 km	8.50		
			BC = 35km	16.00		

<i>Sl/No.</i>	<i>Name of Work (contd.)</i>	<i>Amount</i>	<i>Achievement</i>
1	Periodical Renewal from Km 184/00 to 204/00 (Length = 20.00km) on NH-54 in the state of mizoram.	1791.77	100%
2	Rehabilitation of Tuirial PSC Bridge from 70m Span at Km 205/00 on NH-54 in the state of Mizoram.	65.67	
3	Diversion of Collapsed formation at Km 260.40 Chhingchhip Village on NH-54 for the year 2015-16 in the state of Mizoram.	154.78	100%
4	Repair of potholes on NH-54 (Chainage 118/00kmp - 133/00kmp) under NEDP	91.26	60%
5	Repair of potholes on NH-54 (Chainage 133/00kmp - 147/00kmp) under NEDP	161.07	100%
6	Consultancy Services for Project Management i/c preparation of Feasibility Study/DPR for two laining with paved shoulder of stretches from km 40.00 to 118.00 and for km 147.00 to km 170.00 on NH-54 in the state of Mizoram.	522.22	20%

4. NH Division - IV, Lunglei:

(Rs in Lakhs)

Sl.No.	Name of Work	Sanctional Amount	Achievement during 2017-2018	
			Physical	Financial
1	IRQP from km 60/00 to km 94/00 (Total=34.00 Km) for the year 2016-17 on NH-302 in the State of Mizoram.	2191.00	27.00%	480.54
2	IRQP of NH-302 from Km 30/00 to Km 60/00 (Pachang to Sihphir) during 2015-16 in the State of Mizoram	1957.00	47.00%	821.53
3	Road safety works like Road Signages, Culverts, etc.on NH-302	1142.80	75.00%	714.82

4	IRQP of NH-302 from Km 0/00 to Km 30/00 (Lunglei to Pachang) during 2015-16 in the State of Mizoram	1652.70	64.00%	906.48
5	Restoration of Decking and Bailey structure for 80.00m span Bailey suspension Bridge over R.Phairuang and for 60.00m span Bailey Bridge over river Tuichawng	107.69	90.00%	32.5
6	PR from Km 294.00 to Km 365.00 (Total = 71 Km) for the year 2014-2015 on NH-54 in the State of Mizoram	2260.29	100.00%	1884.59
7	PR from Km 365.00 to Km 405.00 (Total = 40Km) for the year 2014-2015 on NH-54 in the state of Mizoram	1209.07	100.00%	1018.94
8	IRQP from Km 405.00 to 475.00 (Total=70.00Km) for the year 2013-2104 on NH-54 in the state of Mizoram.	3403.21	100.00%	3220.08

5. NH Division-V :

Sl. No.	Name of Works	Physical Achiev.	Financial Achiev. (in crore)	Remarks
1	Upgradation of Serkhan - Bagha Road within Mizoram under NEC Scheme (SH: Pavement works from km 0/00 to km 73/00) Group N0.3	72%	13.50	Target date of completion 31 st March 2019
2	IRQP FROM Km 105/00 to Km 119/00 on NH-154 in the State of Mizoram	47%		Work in progress
3	Periodical renewal from Km 40/70-70/00 on NH-54 in the state of Mizoram	50%	820.67	Work in progress
4	IRQP from Km 0/00 to Km 45/00 (Length=45Kms) on NH-306A (From Vairengte to Tuirial) in the State of Mizoram	66%	1629.27	Work in progress

6. MULTI MODAL PROJECT DIVISION, LAWNGTLAI:

Sl.No.	Name of Work	Physical Achievement	Financial Achievement (in crore)	Remarks
1	Construction of a new 2-lane highway from Km 0.00(on NH-54 near Lawngtlai) to Km 38.00(Length=38)in Mizoram to support Multi Modal Transit Transport Project in phase 'A' of SARDP-NE (Package MM-I)	70.07%	262.13	Likely date of completion Dec, 2019
2	Construction of a new 2-lane highway from Km 38.00 to Km 71.00(Length=38)in Mizoram to support Multi Modal Transit Transport Project in phase 'A' of SARDP-NE (Package MM-II)	86.79%	253.42	Likely date of completion Dec, 2019

3	Construction of a new 2-lane highway from Km 71.00 to Km 99.83 in Mizoram to support Multi Modal Transit Transport Project in phase 'A' of SARDP-NE (Package MM-III)	74.28%	186.37	Likely date of completion Dec, 2019
4	IRQP from Km 0/00 to Km 27/38 on NH-54 in the State of Mizoram (Job No.ARP (Phase-10/MZ/2016-17/91-c).	6.04%	Nil	Completion Date June, 2019



Pictures of Multi Modal Projects



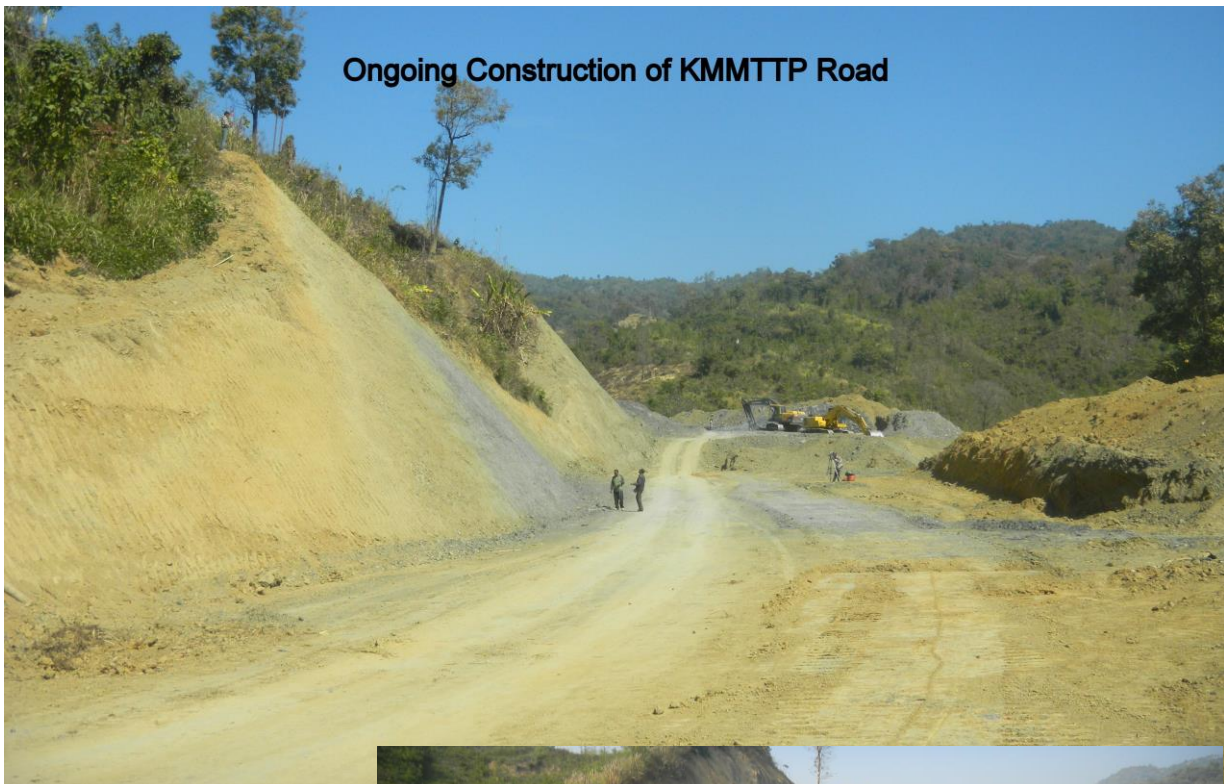
Pictures under Multi Modal Projects



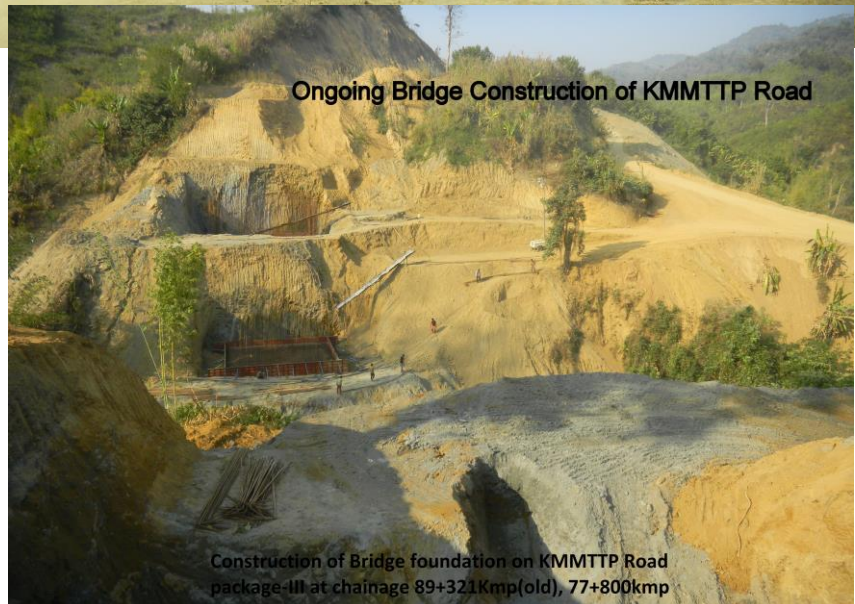
Pictures under Multi Modal Projects (contd.1)



Pictures under Multi Modal Projects (contd.2)



Ongoing Construction of KMMTTP Road



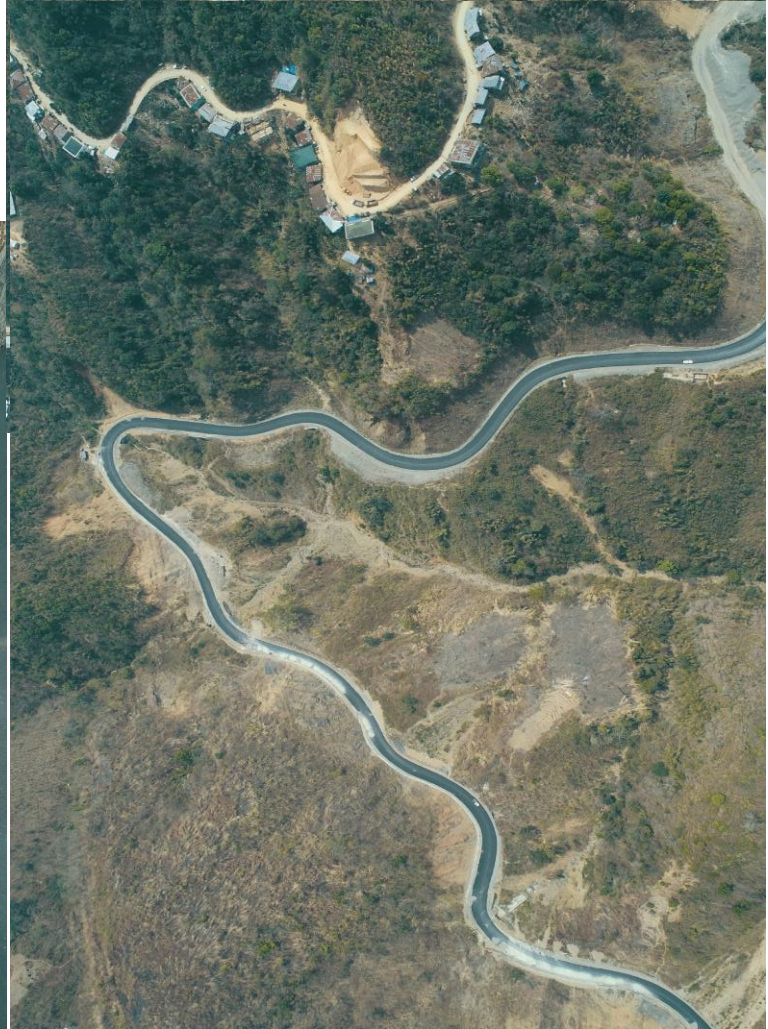
Ongoing Bridge Construction of KMMTTP Road

Construction of Bridge foundation on KMMTTP Road package-III at chainage 89+321Kmp(old), 77+800kmp

Pictures under Multi Modal Projects (contd.3)



**KMMTTP Package-I
(Showing Side Drain
Size)**



Pictures of Multi Modal Projects & NH (contd.4)



Pictures under NH Div.-I (showing progress of NH 44A)



Pictures under NH Div.-I (showing progress of NH 44A)..contd.



Some 2-Laning pictures along NH-150 under NH Division-II



Pictures under NHD-III (Thuampui-Zemabawk)



Pictures under NHD-III (Thuampui-Zemabawk contd.)



PR WORK ON NH-6 FROM KM 0/00 TO KM 35/00 (SELING to KEIFANG)



IRQP Work on NH-6 From KM 80/00 TO KM 110/00 (Kawkulh to Khawzawl)



**Pictures under NHD-III
(PR Between Ch: 184.00 to 204.00 kmp on NH-54)**



Pictures under NHD-III

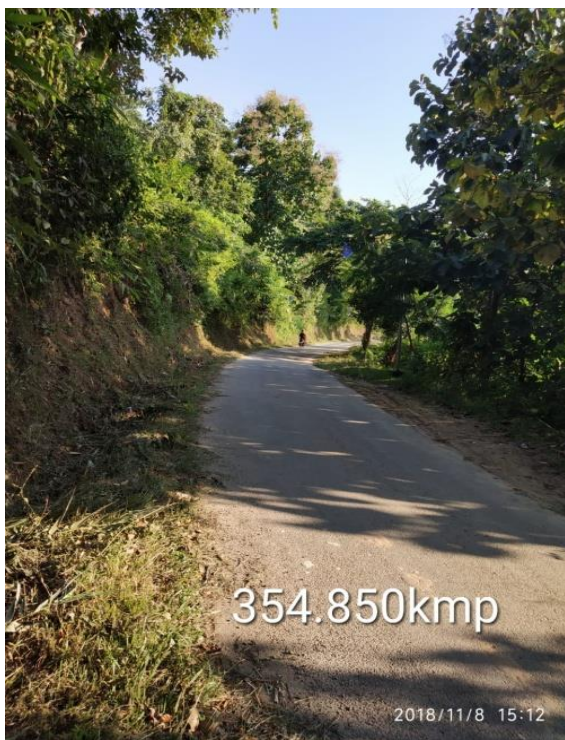
Diversion of Collapsed formation at Km 260.40 Chhingchhip Village on NH-54



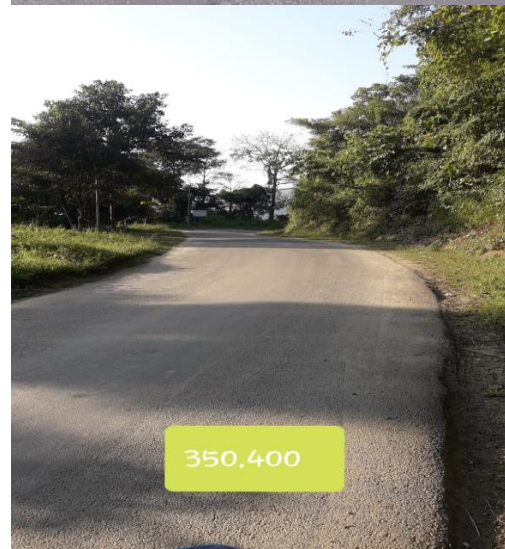
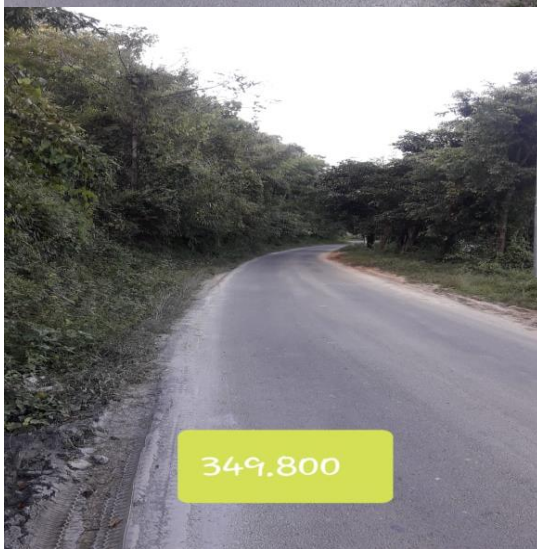
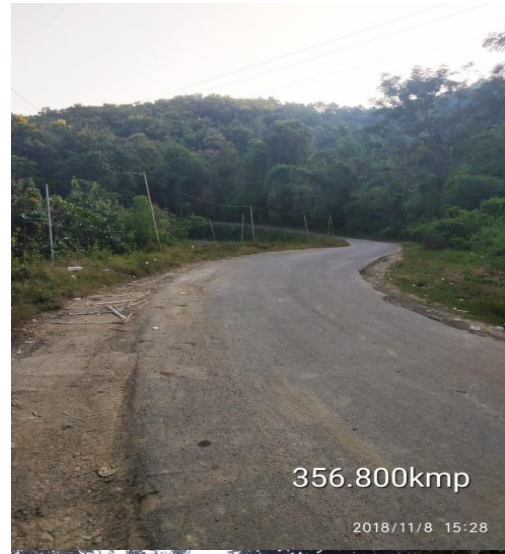
Works along NH - 302



Pictures under NHD-IV



Pictures under NHD-IV



Upgradation of Serkhan - Bagha Road under NEC within Mizoram State



**IRQP from Km 0/00 to Km 45/00 (Length=45Kms) on NH-306A
(From Vairengte to Tuirial)in the State of Mizoram**



Chapter 7

ACHIEVEMENTS ON BUILDING SECTOR

1.0 INTRODUCTION :

Public Works Department is not only concerned with the construction and maintenance of roads, but is also entrusted with the responsibilities of construction and maintenance of State Government Buildings in Mizoram. These Government Buildings are mainly Public Buildings (*Government Offices, sports infrastructures, community buildings, market buildings, education buildings etc.,*) and Residential Buildings (*Staff Quarters*). The funding for construction of such buildings mainly comes from the State Plan, NEC, NLCPR and other Centrally Sponsored Schemes. However, fund for their maintenance is met from State-owned resources which are very limited.

2.0 ACHIEVEMENT OF CHIEF ENGINEER (BUILDINGS) :

Achievements under Chief Engineer (Buildings) may be shown Division-wise as below:

1. Building Division Lunglei :

<i>Sl. No</i>	<i>Name of Work</i>	<i>Estimate Amount (lakhs)</i>	<i>Present Status</i>
1	Construction of Indoor Stadium at Chanmari, Lunglei	495.80	Work Completed & Inaugurated on 14.9.2018
2	Construction of Lawngtlai DIET Building at Thingkah	274.38	Work Completed
3	Construction of Institution Building for DIET Saiha at Sangau Road	279.25	Work Completed
4	Construction of PHC Building at Haulawng	106.34	Work Completed
5	Construction of PHC Building at Zobawk	126.76	Work Completed
6	Construction of PHC Building at Bungmun	106.34	Work Completed
7	Construction of Warehouse for EVM and VVPAT at Lawngtlai	17.72	Work Completed
8	Construction of Warehouse for EVM and VVPAT at Lunglei	17.04	Work Completed
9	Construction of Warehouse for EVM and VVPAT at Saiha	17.73	Work Completed

1. Project Division-I :

<i>Sl. No.</i>	<i>Name of Work</i>	<i>Project Cost/ AA Amount with date</i>	<i>Date of Start as per work order</i>	<i>Cum-Physical Progress</i>	<i>Cum-Financial Progress</i>	<i>Remarks</i>
1	Construction of Hostel Building for DIET , Aizawl	Rs.198.49 Lakh Dt.20.01.2015	15.01.2016	100%	100%	Handed over to DIET Department on Dt.28.04.2017 Inaugurated on Dt.12.09.2018
2	Construction of Chief Engineer PWD, Highway Office Building	Rs.819.30 Lakh Dt.30.03.2015	18.03.2016	78%	49%	Civil Work completed. Sound treatment & chairs, lift installation is in progress. Inaugurated on Dt. 5.10.2018
3	Construction of Multi Level Parking Commuinity Centre at Aizawl North,Mizoram	Rs. 1298.26 Lakh Dt. 03.09.2012	04.10.2013	93.00 %	36.00 %	Civil Work completed.Installation of Passenger Lift and Sound treatment are in progress. Inaugurated on Dt. 04.10.2018
4	Construction of Innovation Hub with 8mm Dia Astronomy & Space Science Exposition Theatre for Sub Regional Science Centre at Aizawl	Rs. 273.29 Lakh Dt. 07.10.2014 [Rs. 14.26 Lakh Dt. 12.02.2018 Additional for Toilet block & Partition]	27.03.2015 17.02.2018	100%	89%	Handed over to Science & technology Department on Dt.11.09.2018 Inaugurated on Dt.11.09.2018
5	Construction of Multipurpose Bldg. for SCERT , Chaltlang	Rs. 175.68 Lakh Dt. 20.01.2015	02.03.2016	100%	93%	Handed over to SCERT on Dt.07.08.2018 Inaugurated on Dt.12.09.2018
6	Renovation and Retrofitting of Vanapa Hall	Rs. 178.00 Lakh Dt. 18.11.2016	23.08.2017	100%	72%	

Sl. No	Name of Work	Project Cost / AA Amount with date	Date of Start as per work order	Cum. Physical Progress	Cum. Financial Progress
1	Construction of Cultural Centre cum Auditorium at Vaivakawn, Aizawl (NEC)	Rs.5773.49L: dt.24.10.2013	20.12.2013	86%	56.64%
2	Re-construction of Staff Quarters at Raj Bhawan Complex (SPA)	Rs.1458.00L : dt.28.10.2010	7.12.2010	100%	100%
3	Construction of New Raj Bhawan (13 th FC)	Rs.3600.00L: dt. & dt.13.2.2018	4.5.2012	99.50%	93.28%
4	Construction of Mission Veng Bazar Complex at Mission veng, Aizawl. (NEC)	Rs.5984.10L : dt.7.8.2014	1.8.2015	100%	100%
5	Construction of Deputy Resident Commissioner's Quarters, Dormitory at Mizoram House, Shillong (SPA)	Rs.120.00L : dt.30.3.2017	16.4.2017	90%	38.98%
6	Construction of High Court Building at New Secretariat Complex, Aizawl (NLCPR)	Rs.4626.12L: dt. 18.3.2016	7.3.2017	25%	23.85%
7	Construction of Govt. Aizawl College New Campus Building at Mualpui, Aizawl, Mizoram (NLCPR)	Rs.1200.00L : 18.12.2017	14.6.2018	20%	17.91%
8	Construction of Community Hall at Zarkawt, Aizawl (NEDP)	Rs.700.00L: dt.10.8.2018	4.10.2018	1%	NIL

(Rs.in Lakh)

Sl. No.	Name of Work	Project Cost/ AA Amount & Date	Date of Start as per Work Order	Cumulative Physical Progress	Cumulative Financial Progress
1	Construction of Mizoram State Accountand Treasury Office Building at New Secretariat Complex.	Rs. 1110.00 10.7.2017	23.7.2107	50.97%	441.97
2	Construction of District Court Building at New Secretariat Complex, Khatla.	Rs.2429.05 22.1.2015	15.1.2016	51.42%	1082.32
3	Construction of Chief Justice Quarters Type-VIII at Aizawl.	Rs. 223.84 27.3.2015	10.10.2015	100%	208.44
4	Construction of Judge Quarter Type-VIII Block-I at Aizawl.	Rs.446.696 27.3.2015	21.12.2015	nil	nil

5	Construction of Judge Quarter Type-VIII (2 units) Block-II at Aizawl.		21.12.2015	100%	236.02
6	Construction of Additional Building for Civil Secretariat at Secretariat Complex.	Rs.700.00 14.2.2018	20.1.2013	96%	2195.1
7	Construction of Regional Office for NABARD.	Est.Amount Rs. 2038.00	10.4.2016	95%	1681.57
8	Construction of Head Office for Mizoram Rural Bank at New Secretariat Complex.	Est.Amount Rs. 197600	27.7.2017	51%	520

2. **Project Division-II :**
Reports are given in their pictures.

3. **Project Division-III :**

Rs. in lakhs

<i>Sl. No.</i>	<i>Name of Scheme/Work</i>	<i>Estimate Amount</i>	<i>Expenditure during the Year</i>	<i>Cummulative Expenditure</i>	<i>Status as on March 2018</i>
SPORT & YOUTH SERVICES DEPARTMENT					
1	Construction of Indoor Stadium at Bungtlang	173.75	-	173.75	100%
2	Construction of Indoor Stadium at Keitum	173.75	-	173.75	100%
POWER & ELECTRICITY DEPARTMENT					
1	Construction of P & ED Staff Quarters at Champhai				
	(i) Type-V Qtrs, 1 Unit, 1 Block	72.64	62.41	72.64	100%
	(ii) Type-IV Qtrs, 1 Unit	48.27	41.80	48.27	100%
	(iii) Type-III Qtrs, 2 Units	75.05	58.71	75.05	100%
DEPUTY COMMISSIONER, CHAMPHAI.					
1	Renovation of DC Qtrs at Keifangtlang Champhai	30.00	29.99	29.99	90%
2	Renovation of SDO (Civil) Office Building at Khawzawl	50.00	31.22	31.22	45%
3	Construction of Type-II Qtrs (4 Units), Type-I Qtrs (4 Units) and Type-V Qtrs for SDO (Civil) at Khawzawl.	186.85	32.66	32.66	40%
DEPUTY COMMISSIONER, AIZAWL.					
1	Construction of EVMs & VVPATS Warehouse at Aizawl.	60.28	-	53.105	90%
LAW & JUDICIAL DEPARTMENT					

1	Construction of Judicial Quarters for Grade-II & III at Champhai.	67.15	40.25	40.25	85%
TAXATION DEPARTMENT					
1	Construction of Taxation Department Directorate Building at New Secretariat Complex, Khatla, Aizawl, Mizoram, Phase-II	479.95	-	479.95	100%
OTHERS					
1	Construction of MHIP Kawkulh South Branch Office at Kawkulh.	38.33	25.03	25.03	90%

Pictures under Lunglei Building Division

Construction of Warehouse for EVM and VVPAT at Lawngtlai



Construction of Warehouse for EVM and VVPAT at Lunglei



Construction of Warehouse for EVM and VVPAT at Saiha

Pictures under Lunglei Building Division (contd.)

Construction of Lawngtlai DIET Building at Thingkah



Construction of Institution Building for DIET Saiha at Sangau Road

Pictures under Project Division-I



**CONSTRUCTION OF MISSION VENG BAZAR
COMPLEX
AT MISSION VENG, AIZAWL. (NEC)**

A/A Amount (1 st Installment)	: Rs 5,98,41,000.00
Estimated Amount	: Rs 5,98,41,000.00
Cumulative Expenditure	: Rs 5,98,41,000.00
Expenditure during the year	: Rs 2,29,29,000.00
Status as on 2018	: 100% (below)



Name of Work	: Construction of Multi purpose Building for SCERT at Chaltlang
A/A Amount	: Rs. 175.68 LAKH
Physical Achievement	: WORK COMPLETED
Date of Completion	: 31.01.2018

Pictures under Project Division-I (contd.)



Name of Work

:Construction of Multilevel parking, community centre & Office complex at Aizawl North.

A/A Amount

:Rs. 1298.26 Lakhs

Physical Achievement:

:Civil Work-100%,
Internal Electrification-100%,
Sound Treatment-100%.



RE-CONSTRUCTION OF STAFF QUARTERS
AT RAJ BHAWAN COMPLEX, AIZAWL

A/A Amount	: Rs 14,58,00,000.00
Cumulative Expenditure	: Rs 14,58,00,000.00
Expenditure during the year	: Rs 3,92,96,000.00
Status as on 2018	100%

Pictures under Project Division-II



Name of work :Construction of DC Staff Quarter Type-II(2 units) at Mamit
 Sanction No :No.D.11036/15/2015-PWB Dt.27.03.2015
 Sanction Amount :₹132.58 lakh
 Funding source :SPA
 Date of completion:Dt.23.04.2017



Name of work :Construction of DC Staff Quarter Type-IV Block-A at Mamit
 Sanction No :No.D.11036/15/2015-PWB Dt.27.03.2015
 Sanction Amount :₹132.58 lakh
 Funding source :SPA
 Date of completion:Dt.28.04.2017



Name of work :Construction of DC Staff Quarter Type-IV Block-B at Mamit
 Sanction No :No.D.11036/15/2015-PWB Dt.27.03.2015
 Sanction Amount :₹132.58 lakh
 Funding source :SPA
 Date of completion:Dt.28.04.2017



Name of work : Construction of Fire Station Building at Mamit
 Sanction No : No.D.11014/4/2010-HME Dt.29.01.2015
 Sanction Amount : Rs 180.00 lakh
 Funding source : 13th Finance Commission (TFC)
 Date of completion : Dt.20.04.2017
 The building was handed over to the Fire & Emergency Service Department on Dt. 25.01.2018

Pictures under Project Division-II (contd.1)

Name of work :Construction of Institutional Building for DIET at Mamit
Sanction No :No.A.12037/7/2013-EDN Dt.20.01.2015
Sanction Amount :₹233.70 lakh
Funding source :Centrally Sponsored Scheme (CSS)
Date of completion:Dt.08.06.2017
The building was handed over to the Client Department on dt.19.02.2018.



Name of work :Construction of PHC Building at W. Phaileng
Sanction No :No.G.27032/7/2014-HFW Dt.31.03.2015
Sanction Amount :₹121.99 lakh
Funding source :13th Finance Commission (TFC)
Date of completion:Dt.25.03.2018



Name of work :Construction of EVM & VVPATs Warehouse at Mamit
Sanction No :No.B.13011/88/2017-PWD(T) Dt.25.01.2018
Sanction Amount :₹11.15 lakh
Funding source :
Date of completion:Dt.08.02.2018

Pictures under Project Division-II (contd.2)



Name of work	:	Construction of Market Building at Vairengte
Sanction No	:	No.D.13011/37/2015-PWD(T) Dt 8.8.2017
Sanction Amount	:	₹ 387.65 lakhs
Funding source	:	NLCPR
Date of completion	:	Work completed



Name of work	:	Construction of Judicial Officers Quarters, Grade-III No. 1 & 2 (2 units) at Kolasib
Sanction No	:	No.D.11030/4/2013-PWB dt.8.2.2016
Sanction Amount	:	₹ 502.73 Sanction Amount
Funding source	:	CSS Funding source
Date of completion	:	Work completed

Pictures under Project Division-II (contd.3)



Name of work : Construction of 1st IR at Mualvum
 Sanction No : No.D.11025/12/2010-PWB Dt 31.3.2015
 Sanction Amount : ₹ 500.00 lakhs
 Funding source : MPF
 Date of completion : Work completed



Name of work : Construction of Police Station at Vairengte
 Sanction No : No.B.12019/59/2014-PWC dated 13.10.2014
 Sanction Amount : ₹ 173.07 lakhs
 Funding source : Bldg.of Police Housing/FC/Plan
 Date of completion : Work physically completed

Pictures under Project Division-II (contd.4)



Name of work : Construction of PHC Sairang
 Sanction No : No.G.28017/7/2012-HFW dt.11.10.2013
 Sanction Amount : ₹ 94.50 lakhs
 Funding source : SPA
 Date of completion : Work completed
 The building was handed over to the Director, Health & Family Welfare Department on dt. 21.06.2018



Name of work : Construction of PHC Building at N Kanghmun
 Sanction No : No.G.27032/7/2014-HFW Dt.31.03.2015
 Sanction Amount : ₹121.99 lakh
 Funding source : 13th Finance Commission (TFC)
 Date of completion : Dt.25.03.2018

Pictures under Project Division-III



Pictures under Project Division-III (contd.1)



Construction of Taxation Department Directorate Building at New Secretariat Complex, Khatla, Aizawl, Mizoram, Phase-II
Sanctioned Amount : Rs 4,79,95,000.00
Date of Completion : 16.3.2018



P & ED STAFF QUARTERS TYPE-III & IV AT CHAMPHAI

Pictures under Project Division-III (contd.2)



DC QUARTERS AT KEIFANGLANG CHAMPHAI

After



Chapter 8

ACHIEVEMENTS under Chief Architect

The Chief Architect is looking after the Architect Cell and is assisted by two Senior Architects. The Cell is under the control of Engineer-in-Chief. The demand of Drawing, Designing and Decoration of various Buildings and other infrastructures are increasing day by day. People are aware of the quality and reliability in the construction and other arrangements. They have performed an incredible works for the proper design and looks of the construction of various buildings and other infrastructures in the State.

Some of their beautiful work-pictures during the year may be shown as below :





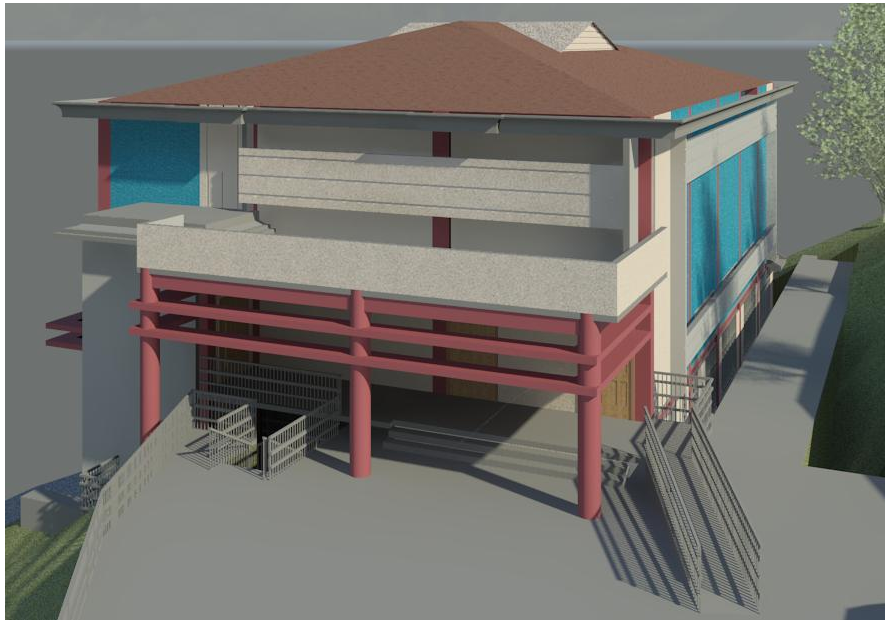
NAME OF PROJECT: CIRCUIT HOUSE	
Location	: Serchhip
Status of the Building	: 1) Architectural Design Completed on June 2018 2) Not constructed
Cost of Project	: 420.40 Lakhs
Floor Area	: Basement - 192.00 Sq.m Ground Floor - 359.00 Sq.m First Floor - 350.00 Sq.m Second Floor - 365.00 Sq.m Third Floor - 296.00 Sq.m
Total Floor Area	- 1562.00 Sq.m





NAME OF PROJECT : CIRCUIT HOUSE	
Location	: Mamit
Status of the Building	: 1) Architectural Design completed on May 2018 2) Not constructed
Cost of Project	: 250 Lakhs
Floor Area	: Basement - 132.27 Sq. Ground Floor - 293.38 Sq.m First Floor - 269.36 Sq.m
Total Floor Area	- 695.01 Sq.m





NAME OF PROJECT : COMMUNITY CENTRE	
Location	: Chanmari West
Status of the Building	: 1) Architectural Design completed on February 2016 2) Under Construction
Cost of Project	: 5.15 CRORE
FLOOR AREA	: Basement I - 145.36 Sq.m Basement II - 189.93 Sq.m Basement II - 268.60 Sq.m Basement I - 383.58 Sq.m Main Hall floor- 432.11 Sq.m
Total Area Floor	- 1419.48 Sq.m





NAME OF PROJECT : DISTRICT COURT BUILDING	
Location	: Siaha
Status of the Building	: 1) Architectural Design on May 2018 2) Under Construction
Cost of Project	: 1803 Lakhs
Floor Area	: Basement II - 432.79 Sq.m Basement I - 976.96 Sq.m Ground Floor - 1088.31Sq.m First Floor - 1263.14 Sq.m Second Floor - 834.50 Sq.m
Total Floor Area	- 4395.92 Sq.m





NAME OF PROJECT : IMA MULTIPURPOSE CENTER	
Location	: Falkawn
Status of the Building	: 1) Architectural Design completed on July 2018 2) Not Constructed
Cost of Project	: 750 Lakhs
Floor Area	Ground Floor - 298 Sq.m First Floor - 298 Sq.m Second Floor - 330 Sq.m Third Floor - 316 Sq.m Basement I - 323 Sq. Basement II - 282 Sq.m Basement III - 141 Sq.m
Total Floor Area	- 1988 Sq.m





NAME OF PROJECT : JUDICIAL QUARTERS UNADDA	
Location	: SAIHA
Status of the Building	: 1) Architectural Design completed on August 2017 2) Under construction
Cost of Project	:
Floor Area	: Ground Floor - 106.26 Sq.m (Excluding Servant's Qtr) First Floor - 92.24 Sq.m
Total Floor Area	- 198.50 Sq.m





NAME OF PROJECT : JUDICIAL QUARTERS GRADE I, II & III

Location : Mamit
 Status of the Building : 1) Architectural Design completed on August 2017
 2) Under construction

Cost of Project :

GRADE I
 Floor Area : Ground Floor - 196.46 Sq.m
 Servant's Quarter - 41.24 Sq.m
Garage - 24.50 Sq.m
 Total Floor Area - 262.20 Sq.m

GRADE II
 Floor Area : Ground Floor - 177.10 Sq.m
 Servant's Quarter - 38.84 Sq.m
Garage - 24.50 Sq.m
 Total Floor Area - 240.44 Sq.m

GRADE III
 Floor Area : Ground Floor - 118.48 Sq.m
 Servant's Quarter - 97 Sq.m
&Garage
 Total Floor Area - 215.48 Sq.m





NAME OF PROJECT : MIZORAM HOUSE

Location	: Bullygunge, Kolkata
Status of the Building	: 1) Architectural Design completed on September 2018 2) Not constructed
Cost of Project	: 2000 Lakhs
Floor Area	: Basement - 797.28 Sq.m Ground Floor - 678.29 Sq.m First Floor - 680.92 Sq.m Second Floor - 680.92 Sq.m Third Floor - 702.63 Sq.m Fourth Floor - 703.03 Sq.m Fifth Floor - 702.63 Sq.m <u>Sixth Floor - 702.63 Sq.m</u>
Total Floor Area	- 5648.33 Sq.m





NAME OF PROJECT: POLICE STATION	
Location	: Saiha
Status of the Building	: 1) Architectural Design completed on May 2017 2) Under construction
Cost of Project	: 216.20 Lakhs
Floor Area	: Ground Floor - 159.29 Sq.m First Floor - 245.00 Sq.m Second Floor - 209.28 Sq.m
Total Floor Area	- 613.57 Sq.m





FRONT VIEW



SIDE VIEW



REAR VIEW

NAME OF PROJECT	: RENOVATION OF PLANNING AND PROG. IMPLEMENTATION DEPTT. OFFICE BUILDING & ENTREPRENEURSHIP KNOWLEDGE CENTRE (EKC)
Location	: Raj Bhavan North Gate
Status of the Building	: 1) Architectural Design on September 2018 2) Under construction
Cost of Project	: 339.30 Lakhs
Floor Area	: Ground Floor - 321.24 Sq.m First Floor - 356.75 Sq.m Second Floor - 356.75 Sq.m Third Floor - 235.79 Sq.m - 1270.53 Sq.m
Total Floor Area	



NAME OF PROJECT : COMMUNITY HALL

Location	: Zarkawt
Status of the Buildin	: 1) Architectural Design completed on March 2018 2) Not constructed
Cost of Project	: 700 Lakhs
Floor Area	: Basement III - 69.10 Sq.m Basement II - 156.93 Sq.m Basement I - 242.43 Sq.m Ground Floor - 268.48 Sq.m First Floor - 280.19 Sq.m Second Floor - 365.69 Sq.m
Total Floor Area	- 1282.80 Sq.m

Chapter 9

ACHIEVEMENTS under External Aided Projects (EAP)

The achievements under EAP may be divided into their funding sources as follows :

- 1) Construction of Roads under World Bank Fund and
- 2) Construction of Road under Asian Development Bank (ADB). The details are given below :

1. MIZORAM STATE ROADS II REGIONAL TRANSPORT CONNECTIVITY PROJECT (MSR II-RTCP) 2017-2018

1. INTRODUCTION:

The Project Development Objective is to increase transport connectivity along regional trade corridors in Mizoram. The Mizoram State Roads II Regional Transport Connectivity Project aims to provide better intra-state and regional connectivity for the residents of landlocked Mizoram with Myanmar, Bangladesh and NE India through Bangladeshi and Indian Territory. The link to Bangladesh will facilitate greater bilateral trade as well as facilitate access for Mizoram and other Indian states through the Port of Chittagong (which is the nearest shipping port for the NER) and other parts of India, and other neighbouring countries. The Link to the border with Myanmar will facilitate connectivity to Myanmar and the rest of East Asia beyond.

Residents of Mizoram will benefit from the increased connectivity and therefore economic growth through the expected increased trade. Independent of the regional trade scenario, this project will enhance the human development and economic growth prospects for the residents of Mizoram through increased intra-state connectivity.

The project seeks to achieve increase in traffic along the project corridors as well as reduction in travel time on project corridors. To help in achieving these targets the MSRII-RTCP comprise of the following components:

- (i) **Component A** : Improvement of priority cross-border roads and trade-related infrastructure. This is expected to be achieved through :
 - (a) Widening and strengthening of 81 kms of road and preparation of approximately 330km of road
 - (b) Construction or improvement of Trade-related infrastructures along project roads including Market Haat structures and Truck stops.
- (ii) **Component B** : Road Sector Modernization and Performance Enhancement through Institutional Strengthening. This component will support gradual transformation of PWD into a modern road agency. This component focuses on:
 - (a) Modernization of policies, engineering practices, and business procedures.
 - (b) Asset management and maintenance
 - (c) Institutional and Human resource development

- (d) Road safety management
- (e) Improve environmental and social safeguards capacity and management.

2. PROJECT COST and FINANCING:

The Project's total cost is estimated at US \$107 million which is financed through the World Bank's International Development Association (IDA) funds from the Country envelope and the Regional IDA envelope. The Loan Agreement was signed between DEA, Min. of Finance, World Bank and Govt. of Mizoram on Dt. 28th August 2014 and is effective from 10.10.2014 and closure of loan is 31st October 2020.

The State Govt. bears expenditures for all pre-construction activities i.e. LA, R&R, Utility lines shifting and charges for Forest Clearances.

3. PROJECT COMPONENTS :

I. **Component A** : Improvement of Priority cross-border roads and trade related infrastructure, which include:-

(a) **Widening and strengthening of three sections of (Group I) roads to 2 lane, 12 m road width. The details of the project during the report period are as follows:-**

Sl. No	Name of Work	Name of Contractor	Agreement Amount and Date	Time for Completion	Achievement March 2018		Remarks
					Phy.	Fin.	
1	2	3	4	5	6	7	8
1.	Chhumkhum - Chawngte (41.53 Km)	JKM Infra Projects Ltd., Noida	Rs.245.65 Cr Dt 17.09.2014	48 Months	34 %	28 %	It is a regional connectivity with the south western belt of Mizoram.
2.	Champhai - Zokhawthar (27.25 Km)	Tarmat Ltd. Mumbai	Rs. 137.14 Cr Dt 14.11.2014	42 Months	52 %	50 %	It is a regional connectivity with Myanmar.
3.	Tlabung - Kawrpuichhua h (11.85 Km)	ABCI Infrastructures Pvt. Ltd	Rs.77.87 Cr Dt 12.08.2016	30 Months	21 %	14 %	The Project is expected to improve access to and from the landlocked Northeast India to the Bay of Bengal..

(b) Detailed studies and designs for approximately 330 km of (Group 2) roads in the North - South Corridor. The Group 2 North - South alignment are:-

Project Preparation Consultancy (PPC - I & II)

Sl. No	Particulars	Name of Consultant	Agreement Amount and Date	Time for Completion	Achievement	
					Physical	Financial
1	2	3	4	5	6	7
1.	PPC Package I Junction NH 44A (near Lengte) upto Buarpui	LEA Associates South Asia Pvt. Ltd. New Delhi	Rs.8.708 Cr Dt.19.08.2014	31.12.2017	Final DPR submitted and is under review	5.28 Cr
2.	PPC Package II Chawngte to Multimodal road Junction & Zawlpui to Phairunagkai	LEA Associates South Asia Pvt. Ltd. New Delhi	Rs.8.280 Cr Dt. 14.07.2014	30.11.2017	Final DPR submitted and is under review	7.22 Cr

II. Component B :

(a) Road Sector Modernization and Performance Enhancement through Institutional Strengthening.

This component supports gradual transformation of PWD into a modern road agency through implementation of a Road Sector Modernization Plan (RSMP) which will carry forward and deepen various institutional development initiatives introduced under the MSRP I.

For implementation of the RSMP activities, RSMP - Working Group Committee under the Chairmanship of the Engineer-in-Chief, PWD was formed on 7th May, 2015 with 10 members in the Committee. For effective implementation of the activities, 5 RSMP - Sub Group Committees were also formed with each Sub-Groups having specific tasks.

The RSMP activities are periodically reviewed and modified during project implementation and mainly focus on:

i) **Modernization of policies, engineering practices, and business procedures.** - Road policies are being revised under the advice of Institutional Development Specialist Consultant engaged by PWD Mizoram. Draft Road Policies is under scrutiny and observation by the members of RSMP Working Group.

ii) **Asset Management and Maintenance** - Under this activity Mizoram PWD intends to develop a GIS based Road Asset Management System to be useful in managing Mizoram PWD Assets as well as preparing the annual maintenance plan and budgeting. For achieving this an individual consultant was engaged to review the existing asset management system/ data, review process of planning, design, construction, and maintenance of roads and bridges, able to demonstrate possible GIS based road Asset Management System, and formulation of suitable strategy to achieve robust and sustainable GIS based road Asset Management System.

Initialization of the GIS based Road Asset Management System is under progress based on the Consultant report.

iii) **Institutional and Human Resource Development.**- Training modalities and 3 year training calendar have been developed based on the need assessment carried out within Mizoram PWD, This is expected to enhance the capacity of Mizoram PWD employees. Various trainings have been conducted in the past years. Library has also set up in PWD Engineer-in-Chief Office. Under this RSMP activities, installation of Video Conferencing system in E-in-C Mini Conference Room and distribution of Video Conferencing hardware facilities in 17 PWD Offices have already been completed. Computerization of PWD Offices and Public Works Information Management Systems (PWIMS) have been initiated.

iv) **Road Safety Management.** - Road Safety Awareness workshop was conducted with the help of World Bank's Consultant, Road Safety Audit was also conducted for MSRP : Aizawl-Thenzawl-Lunglei Road constructed in the previous World Bank assisted project. Necessary estimates are also framed by the concern Divisions, which can be implemented as and when necessary fund are available.

v) **Improved Environmental and Social safeguards capacity and management** - To create environmental and social safeguards along the project road with safety awareness, various workshops and awareness talks are imparted to the workers of the projects. Awareness campaigns are also conducted to the Project Affected Persons in all the project roads.



**MOCK DRILL PRACTICE AT BASE CAMP
AT CHAMPHAI-ZOKHAWTHAR**

Chhumkhum - Chawngte Road

**CH 1+800
Crusher Plant**



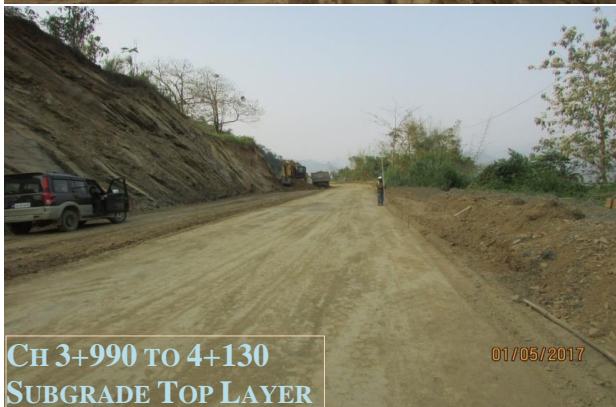
**CH 4+100 LHS
(2 KM INSIDE)
CRUSHER PLANT**



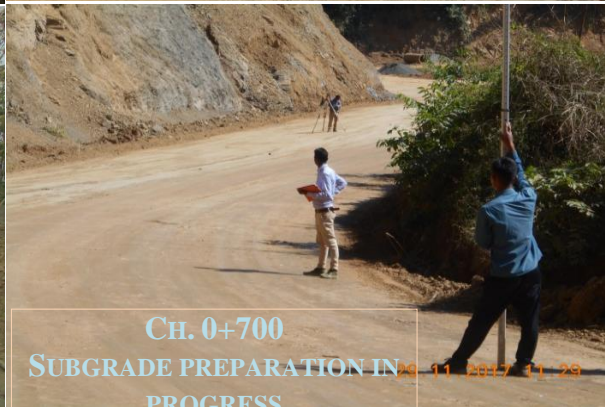
**CH 4+150
WORKING IN
PROGRESS**



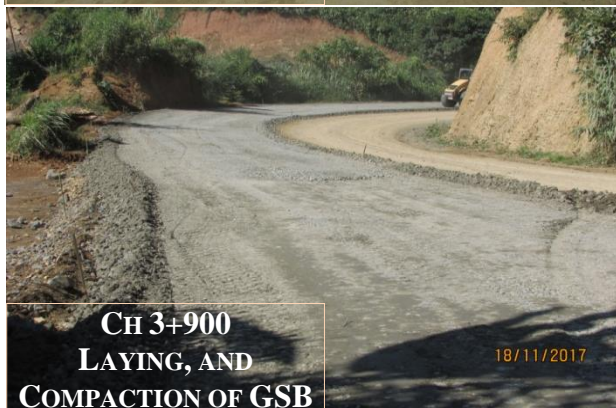
**CH 12+500
EXCAVATION WORK IN
PROGRESS**



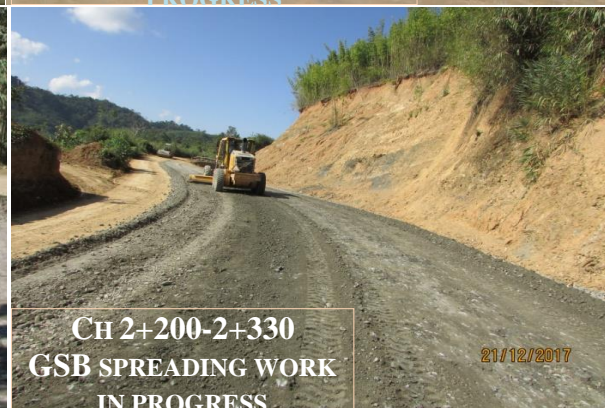
**CH 3+990 TO 4+130
SUBGRADE TOP LAYER**



**CH. 0+700
SUBGRADE PREPARATION IN
PROGRESS**



**CH 3+900
LAYING, AND
COMPACTION OF GSB**



**CH 2+200-2+330
GSB SPREADING WORK
IN PROGRESS**

Chhumkhum - Chawngte Road (contd.)



Chhumkhum - Chawngte Road (contd.)

**CH 8+050
BAMBOO CRIB WALL**



**CH 7+950
Construction of
Bamboo Crip Work &
Plantation of**



**CH 5+650 (DUMPING AREA) RHS --- Bio-
Engineering Demonstration for
Slope Protection (Bamboo Crip**



**CH 4+850
Fire Fighting Training
at Rangte Games &
Sports Association**



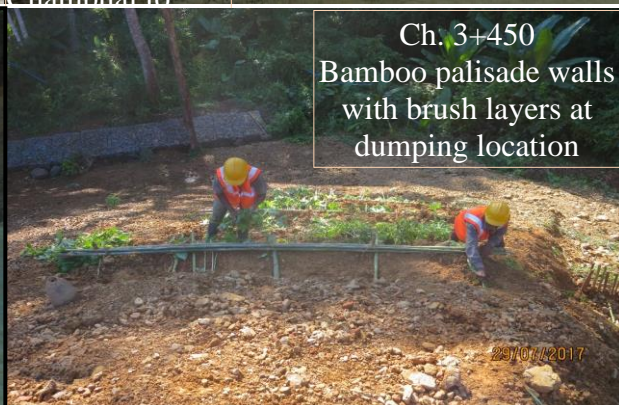
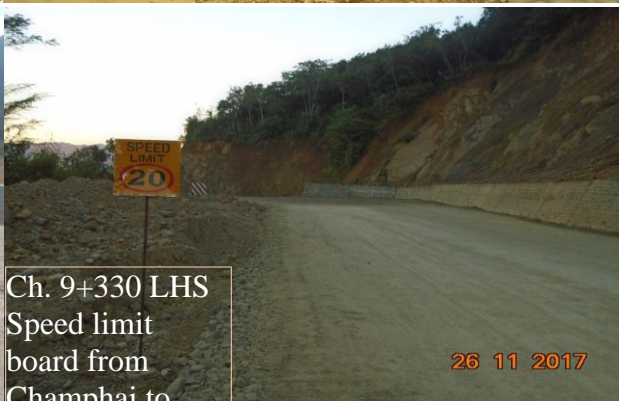
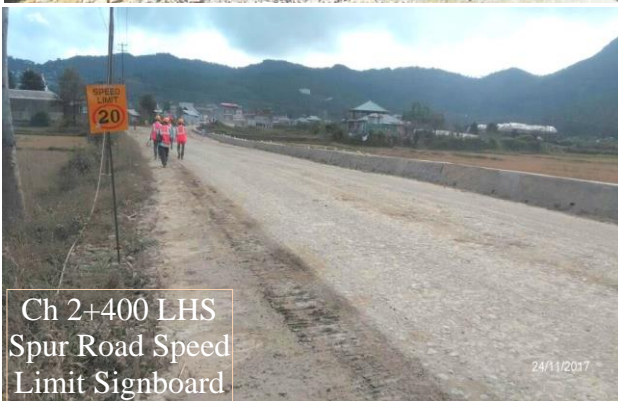
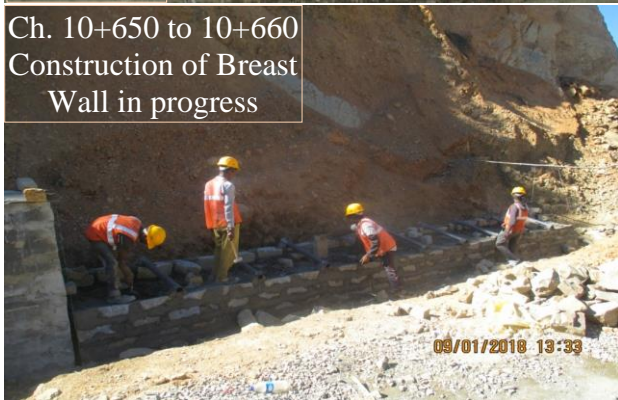
**CH 4+850
MOCK DRILL
REQUIRED FOR EMERGENCY**



Champhai - Zokhawthar Road



Champhai - Zokhawthar Road (contd.)



Tlabung - Kawrpuchhuah Road



Ch 2+860 – 2+940
Excavation in progress



Ch 3+210 to 3+290
Box Cut



Ch 3+440 to 3+510
(LHS) Completed
Up to existing road

Tlabung - Kawrpuichhuah Road (contd.)

Bio-Engineering Works at Dumping Site along the Tlabung - Kawrpuichhuah Road



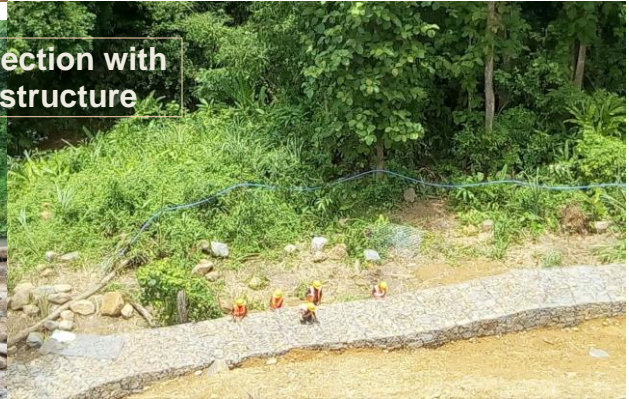
Ch 2+520 - 2+560.
Completed Initial
Excavation



Ch 3+350
Gabion wall at
dumping ground



Bank Protection with
Gabion structure



Ch 1+300 to
1+840
Sub-grade

at Muriskota Bridge

23.02.2018 16:18

Tabung - Kawrpuichhuah Road (contd.)



Ch 3+450 Bamboo palisade walls with brush layers at dumping location.



Ch 6+000 (Hume pipe factory) Safety awareness talk with workers

2. ADB ASSISTED SERCHHIP-BUARPUI ROAD UNDER PROJECT IMPLEMENTATION UNIT

INTRODUCTION:

Asian Development Bank (ADB) is assisting Government of India through a programme of work called North Eastern State Roads Investment Program (NESRIP) which is a part of Ministry of Development of North Eastern Region (MDoNER) initiative to bring the North Eastern Region into the mainstream of development. Mizoram is one of such North Eastern States selected to receive ADB assistance and under which the existing road between Serchhip to Buarpui Road i.e Thenzawl is included under Tranche-2 for improvement and upgradation to an Intermediate Lane.

The project has been divided into two parts –
Part I: Serchhip to Thenzawl (15.20 kms) and
Part II: Thenzawl to Buarpui (39.80 kms).

In total, the project entails improvement and up-gradation of 55 km of existing road.

PROJECT COST AND FINANCING:

The project total cost sanctioned by MDoNER, GoI is Rs. 167.9 Crore which is financed through MDoNER by ADB. Sanction was accorded on 23rd Sept, 2011.

The loan agreement was signed between ADB and GoI on 17th Feb, 2014 which was effective from 20th May, 2014.

Due to late signing of loan agreement between ADB and GoI, and various deficiencies in DPR prepared by SMEC International Pvt. Ltd., Gurgaon, Haryana during 2008-2009, the 5th National Level Steering Committee on North Eastern State Roads Investment Programme (NESRIP) held on 17th February 2016 decided the revised DPR be submitted for re-consideration by Cabinet Committee on Economic Affairs (CCEA). Accordingly, revised cost estimate amounting to Rs. 301.97 Crore have been submitted to MDoNER, GoI for further action.

STATUS OF PROJECT ACTIVITIES:

The overall physical progress is 50.14%.

Formation Cutting	-	51.78 Km.
Cross Drainage work	-	146 Nos.
Gabion Protection Work	-	4,458 cum.
Granular Sub-Base	-	16.24 Km.
WBM-I	-	12.65 Km
WBM-II	-	6.38 Km
DBM	-	6.38 Km
BC	-	0.10 Km

The overall Expenditure is Rs. 8,402.29 lakhs.

Pictures of Serchhip - Buarpu Road



Meeting with Dispute Resolution Board(DRB) at E-in-C's Mini Conference Hall



Laying of Granular Sub-Base(GSB) in Part-I

Pictures of Serchhip - Buarpui Road (contd.)

Completed Side Drain in Part-I



Checking of Granular Sub-Base (GSB) density at Ch.8+000, Part-I



Completed Dense Bituminous Macadam(DBM) at Ch.13+800 Kmp, Part-I

Pictures of Serchhip - Buarpui Road (contd.)



On-going excavation in Part-II



Preparation of test Piles at Tlawng River Bridge Site, Part-II



Testing of DBM in Part-I

Pictures of Serchhip – Buarpui Road (contd.)



Contractor's Crushing plant



Manufacturing of Hume pipe at Contractor's Hume pipe factory



Preparation of test Piles at Tlawng River Bridge Site, Part-II



Chapter 10

FINANCIAL STATEMENTS

In the 2017-18 fiscal, the PWD received a total of Rs 1,698.00 crores from State and Central Governments and external aid agencies for the construction and maintenance of roads, bridges and buildings in Mizoram. This includes Rs 512.61 crores for National Highway Works with its revenue of Rs 18.95 Cr. Expenditure of SARDP-NE was added this year which is construction works under MoRTH and was not included in the previous years.

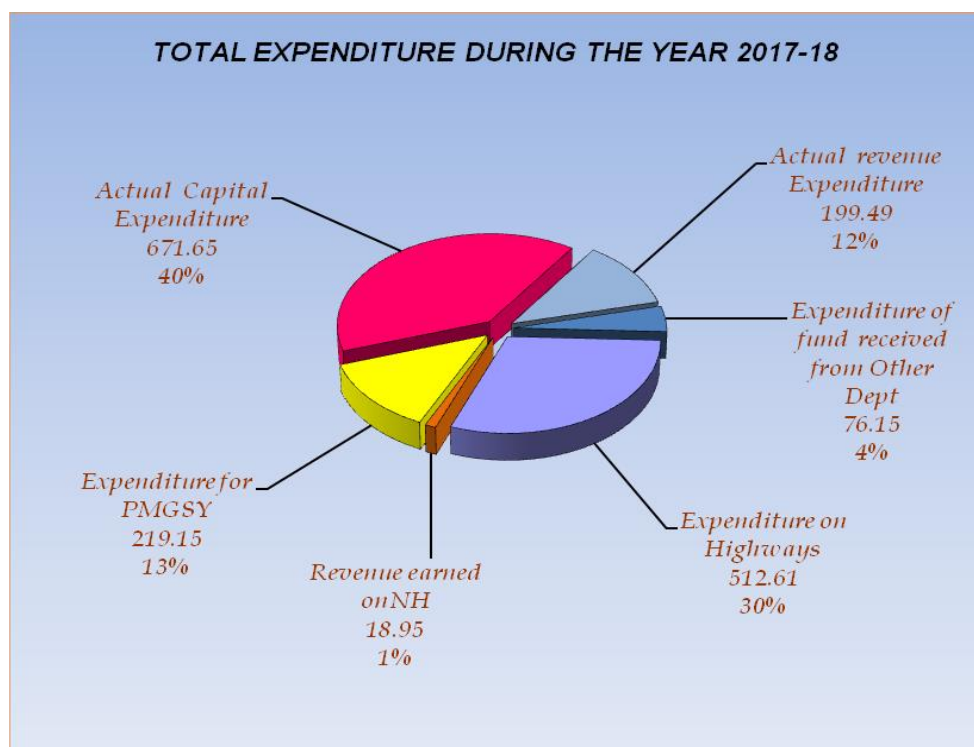
Expenditure refers to the actual expenses in the works. All allocations are not fully expended in the works. So, it is intended to focus more on the expenditure rather than just allocation.

11.1 TOTAL PWD EXPENDITURE :

The total PWD Expenditure, Rs 1166.46 crores during the year 2017-18 is shown in the following Table and Chart :

<i>Sl.No</i>	<i>Name of Fund</i>	<i>Expenditure (in cr.)</i>
1	Expenditure for PMGSY	219.15
2	Actual Capital Expenditure*	671.65
3	Actual revenue Expenditure	199.49
4	Expenditure of fund received from Other Dept	76.15
5	Expenditure on Highways	512.61
6	Revenue earned on NH	18.95
Total		1,698.00

**Actual Capital expenditure includes Rs. 5.53 cr which was transferred to MiRRDA towards cost over run under PMGSY*



11.2 PMGSY :

The financial expenditure of PMGSY under MiRRDA (Mizoram Rural Roads Development Agency) may be shown in the following Table :

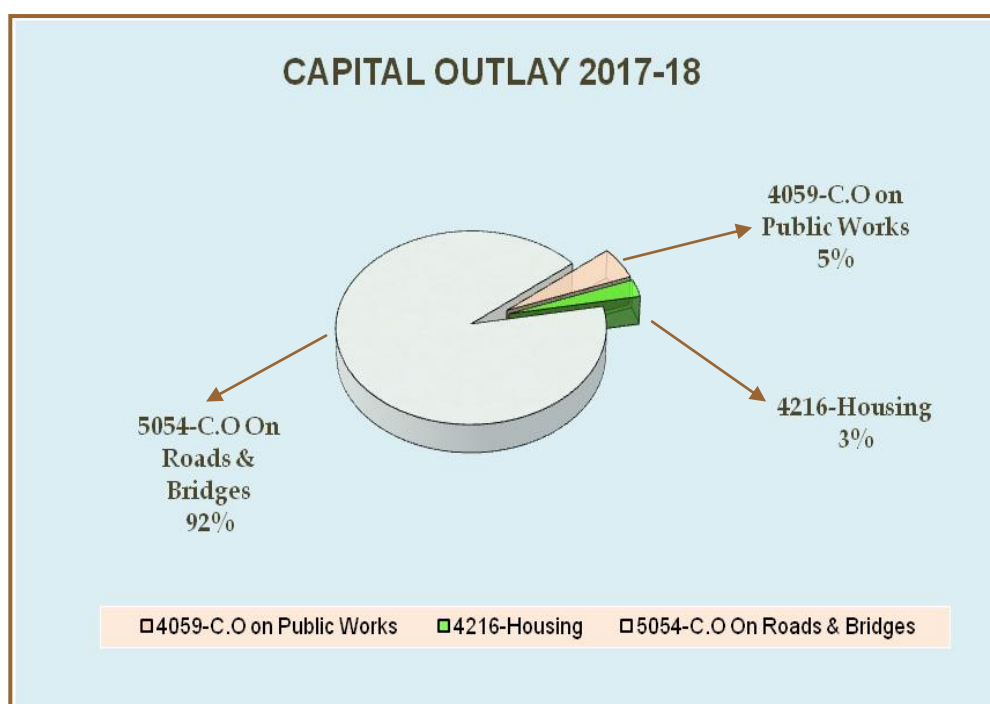
(Rs. in Lakhs)

Srl. No.	Head	Opening Balance as on 31.03.2017	Receipt during the year 2017-18			Total Fund Available for the year	Expenditure during the year	Closing Balance
			Govt. of India through State Treasury	Govt. of Mizoram for State Matching Share & Cost Over Run	Interest & Misc. receipt			
1	Administrative Fund	67.00	176.34	19.24	2.80	265.38	187.23	78.15
2	Programme Fund	5,657.06	19,550.00	2,725.41	100.09	28,032.56	7,432.65	20,599.91
	Total	5,724.06	19,726.34	2,744.65	102.89	28,297.94	7,619.88	20,678.06

11.3 Capital Outlays :

The total Capital fund received during the year 2017-18 was Rs 67,165.37 lakhs from Plan and Non-Plan, details of Capital with each Heads may be shown in table and chart as below :

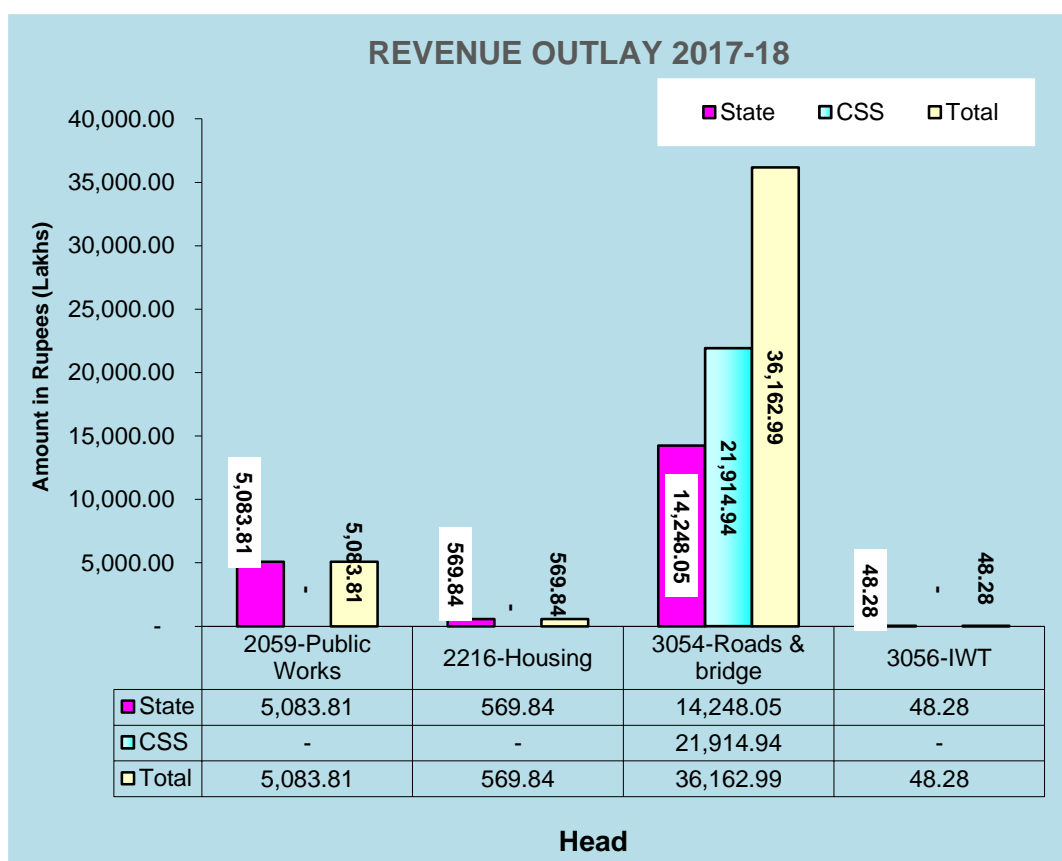
Sl.No	Head	State	CSS	Total
1	4059-C.O on Public Works	3,169.74	527.99	3,697.73
2	4216-Housing	1,741.02	-	1,741.02
3	5054-C.O on Roads & Bridges	55,208.75	6,517.87	61,726.62
	Total	60,119.51	7,045.86	67,165.37



11.4 Revenue Outlay :

The total PWD Revenue during the year 2017-18 was Rs 41,864.92 lakhs and the details are shown as below :

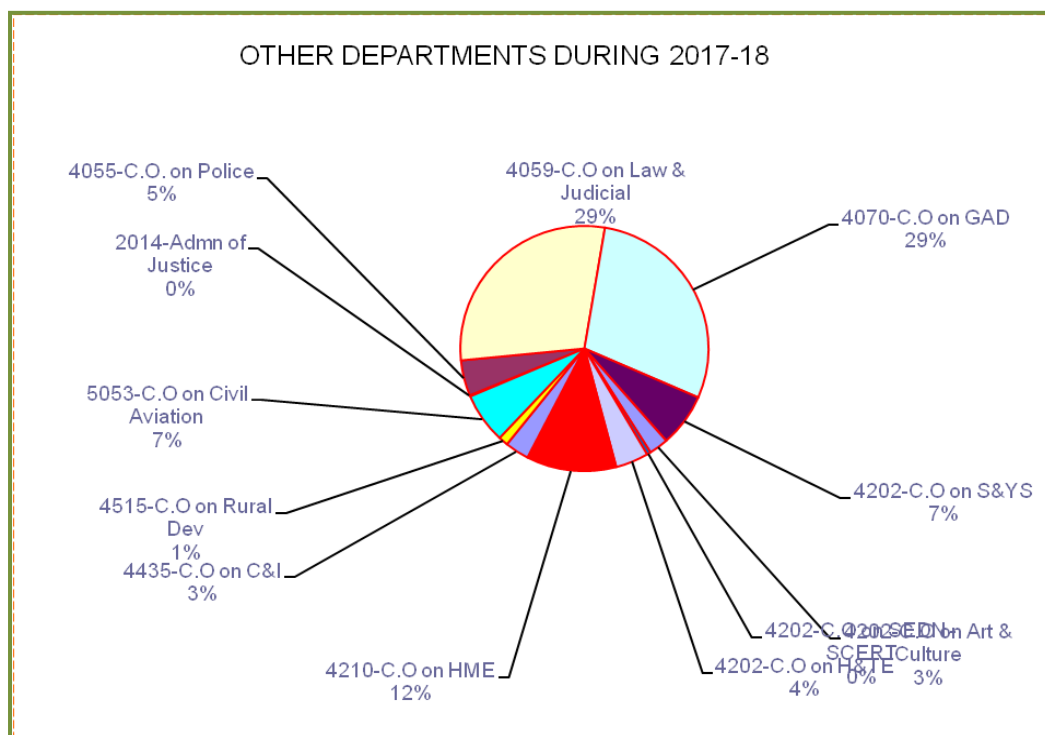
Sl.No	Head	State	CSS	Total
1	2059-Public Works	5,083.81	-	5,083.81
2	2216-Housing	569.84	-	569.84
3	3054-Roads & bridge	14,248.05	21,914.94	36,162.99
4	3056-IWT	48.28	-	48.28
Total		19,949.98	21,914.94	41,864.92



11.5 Other Departments :

PWD also undertakes construction and maintenance works of various types of Buildings on behalf of other Departments under the Government of Mizoram. During the reported year 2017-18, Rs 7,615.45 lakhs of Funds from State and CSS were allocated to the PWD for this purpose. The details of its statement are shown in table and chart as follows :

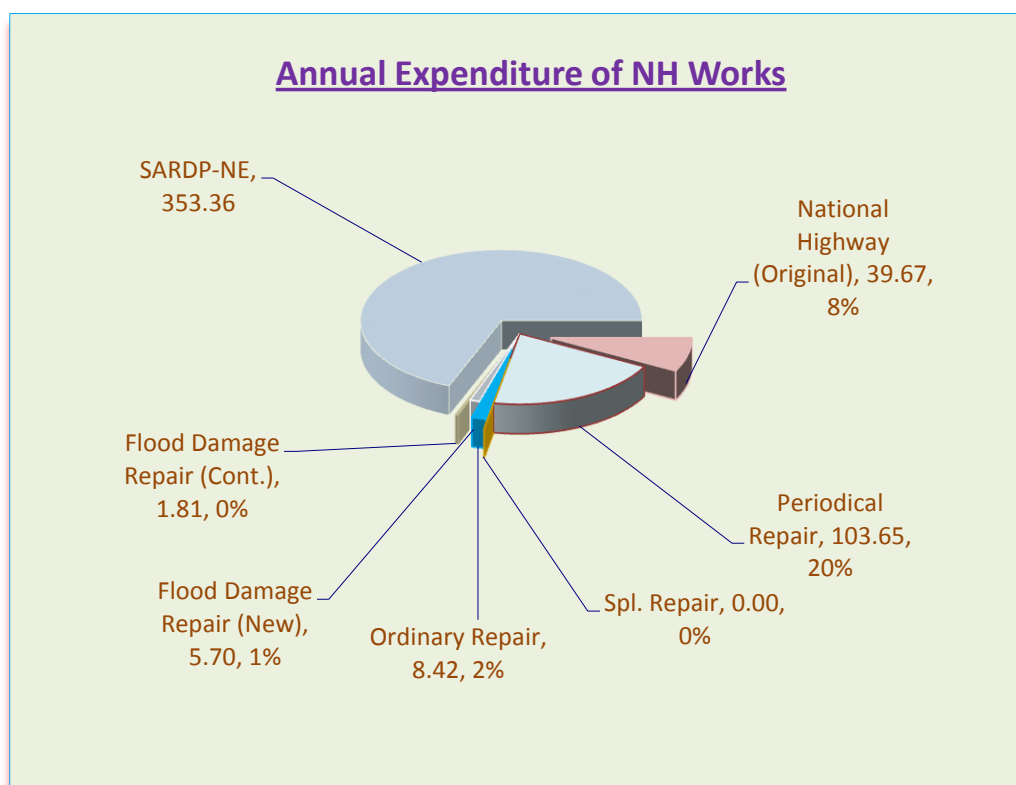
Sl.No	Head	State	CSS	Total
1	2014-Admn of Justice	12.42		12.42
2	4055-C.O. on Police	357.00		357.00
3	4059-C.O on Law & Judicial	222.22	2000.00	2,222.22
4	4070-C.O on GAD	2,200.00		2,200.00
5	4202-C.O on S&YS	53.43	480.81	534.24
6	4202-C.O on Art & Culture	16.67	175.00	191.67
7	4202-C.O on SEDN -SCERT	3.92	35.29	39.21
8	4202-C.O on H&TE	105.43	221.52	326.95
9	4210-C.O on HME	319.92	573.00	892.92
11	4435-C.O on C&I	23.94	215.42	239.36
12	4515-C.O on Rural Dev	9.58	86.24	95.82
13	5053-C.O on Civil Aviation	202.22	301.42	503.64
Total		3,526.75	4,088.70	7,615.45



11.6 National Highways : The total expenditures were Rs 512.61 crores during the reported year. Expenditure of SARDP-NE was added this year. The detail distribution of Fund was shown as below :

(Rs in Crore)

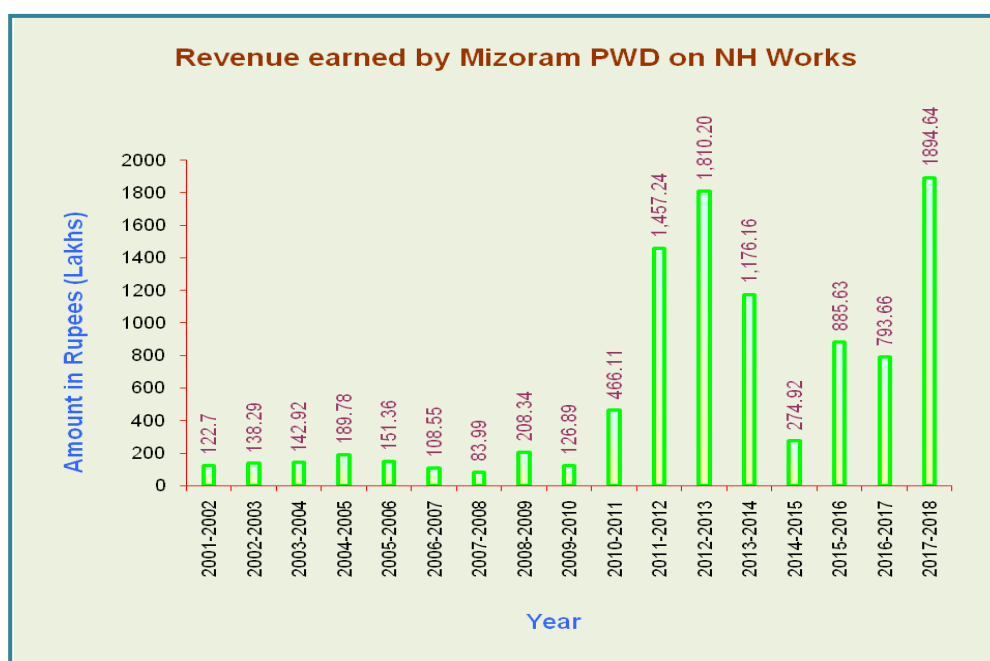
<i>Srl/No.</i>	<i>Head</i>	<i>Expenditure (2017-18)</i>
1	2	3
1	National Highway (Original)	39.67
2	Periodical Repair	103.65
3	Spl. Repair	0.00
4	Ordinary Repair	8.42
5	Flood Damage Repair (New)	5.70
6	Flood Damage Repair (Cont.)	1.81
7	SARDP-NE	353.36
	Total	512.61



11.7. REVENUE EARNED BY MIZORAM PWD UNDER NH WORKS FROM AGENCY CHARGES :

The Total Revenue earned on 9% Agency Chargees during the year 2017-18 received from HN Works was Rs 1,894.64 lakhs only. The amounts received right from 2001 - 2018 are shown below in Table and Chart.

<i>Sl. No.</i>	<i>Year</i>	<i>Amount in Rupees (in Lakhs)</i>
1	2001 - 2002	122.70
2	2002 - 2003	138.29
3	2003 - 2004	142.92
4	2004 - 2005	189.78
5	2005 - 2006	151.36
6	2006 - 2007	108.55
7	2007 - 2008	83.99
8	2008 - 2009	208.34
9	2009 - 2010	126.89
10	2010 - 2011	466.11
11	2011 - 2012	1,457.24
12	2012 - 2013	1,810.20
13	2013 - 2014	1,176.16
14	2014 - 2015	274.92
15	2015 - 2016	885.63
16	2016 - 2017	793.66
17	2017 - 2018	1,894.64
	Total	10031.38



Chapter 11

HUMAN RESOURCES MANAGEMENT

The Public Works Department is the premier works agency of the Government of Mizoram undertaking the tasks of constructing, maintaining and providing technical services as well as infrastructural facilities for the overall development of the state of Mizoram. The state has also made tremendous strides in the field of infrastructural development, thanks to the dedication and hard work of the officers and staff of the department. The department is staffed with a good mix of technical, administrative, accounting, clerical as well as manual personnel.

1. MANPOWER :

1.1. Following is the list of regular employees under the department during the year 2017-18:

SI No	Name of Post	No of Post	No of Post filled	No of Post Vacant
1	Engineer-in-Chief	1	1	0
2	Chief Engineer	4	4	0
3	Superintending Engineer (Civil)	15	15	0
4	EE (Civil)	51	50	1
5	SDO/AE (Civil)	150	123	27
6	SE (Mechanical)	1	1	0
7	EE (Mech/Elect)	4	4	0
8	SDO/AE (Mech/Elect)	8	5	3
9	Chief Architect	1	1	0
10	Senior Architect	2	1	1
11	Architect	4	4	0
12	Assistant Architect	10	8	2
13	Deputy Director (Admn)	4	4	0
14	Superintendent	4	4	0
15	HRD Manager	1	1	0
16	Assistant	51	40	11
17	UDC	198	119	79
18	LDC	221	168	53
19	Stenographer Gr-I	1	1	0
20	Stenographer Gr-II	6	1	5
21	Stenographer Gr-III	17	14	3
22	SLAO	1	1	0
23	Joint Director of Accounts	1	1	0
24	FAO	3	3	0
25	Divisional Accountant	30	30	0
26	Assistant Divisional Accountant	45	22	23
27	Research Officer	1	1	0
28	Inspector of Statistics	1	1	0
29	Junior Engineer (Civil)	364	218	146
30	Junior Engineer (Mech/Elect)	20	13	7
31	OS-II	34	0	34
32	SA	200	140	60

33	Draftman Gr-I	5	1	4
34	Draftman Gr-II	44	15	29
35	Draftman Gr-III	46	15	31
36	Surveyor	6	1	5
37	Electrician Gr-I	7	3	4
38	Electrician Gr-II	10	4	6
39	Wireman/Fitter	4	0	4
40	Mechanic Gr-I	11	1	10
41	Mechanic Gr-II	12	3	9
42	Welder	2	0	2
43	Telephone Operator	1	1	0
44	Carpenter	12	7	5
45	Plant Operator	2	1	1
46	Driller	2	2	0
47	Driver	87	23	64
48	Handyman	4	1	3
49	Boatman	6	3	3
50	Group D	424	167	257
51	Jugali	29	14	15
		2168	1261	907

1.2. In addition to the above, the department has also several employees in various categories under **Work Charge establishment**. The following is the list of employees recorded under Work Charged during the year 2016-17:

<i>Sl No</i>	<i>Name of Post</i>	<i>Strenght</i>
1	Driver	86
2	OS-II	19
3	DM-II	2
4	DM-III	8
5	Lab. Technician	4
6	Com. Operator	6
7	Handyman	5
8	Driller	8
9	Mech Grade-II	14
10	Electrician-I	1
11	Wireman	8
12	Jugali	57
13	Upholster	4
14	Plumber	4
15	Painter	1
16	Mason	4
17	Carpenter	13
18	IV Grade	12
19	Chain Man	4
20	Lab. Attendant	3
21	Sweeper	53
22	D/R	49
23	Chowkider	19
24	IBC	7
		391

1.3. The department has also several **Muster Roll Employees** in various categories. The following is the list of MR Employees recorded during the year 2016-17:

<i>SI No</i>	<i>Name of Post</i>	<i>Strenght</i>
1	Architect/Designer	4
2	JE	9
3	UDC	1
4	Lab Tech	5
5	Overseer	2
6	Draftman	2
7	Surveyor	2
8	Despatch Rider	6
9	Hotmixed Operator	2
10	Welder	2
11	Plumber	1
12	Xerox Operator	2
13	Marboat Operator	2
14	LDC	250
15	SA	58
16	Electrician/Jugali	73
17	Carpenter	65
18	Driver	167
19	Mechanic	13
20	Handyman	16
21	Computer Operator	12
22	Helper	11
23	Group D	286
		991

2. RECRUITMENT :

The following new staff are recruited on co-terminus basis for the PIU Office :-

<i>SI No.</i>	<i>Name</i>	<i>Designation</i>	<i>Date of recruitment</i>
1	C.Lalchhuanawmi	A.E (Procurement)	24.07.2017
2	R.Vanlalruati	A.E (Environment)	18.01.2018

3. PROMOTION :-

The list of the following Officers got promotion in the department during the year 2017-18 as shown below :

3.1.1

<i>SI No.</i>	<i>Name</i>	<i>Designation</i>	<i>Date of promotion</i>
1	Vanlalmuana	Sr. E.E to S.E	03.11.2017
2	PC Lallianzuala	Sr.A.E to E.E	07.04.2017
3	Lalthansiami Ralte	Sr.A.E to E.E	06.11.2017
4	F.Lalramenga	Sr.A.E to E.E	05.12.2017

3.1.2

<i>SI No.</i>	<i>Name</i>	<i>Designation</i>	<i>Date of promotion</i>
1	Rintluanga Fanai	JE (Civil) to S.D.O	12.04.2017
2	Lalthianghlina	J.E(Mech/Elect)	29.03.2018
3	R.K.Rosangliani	J.E(Civil)	01.03.2018
4	C.Lalenglawmi	J.E(Civil)	12.02.2018

3.1.3

<i>SI No</i>	<i>Name</i>	<i>Designation</i>	<i>Date</i>	<i>Place of posting</i>	<i>Remarks</i>
1	PC. Lalthlamuana	JE	26.7.2018	CE(B)	Promotion
2	Thangtinlana	JE	31.8.2018	Project -III	Promotion
3	H. Remsanga	JE	29.8.2018	Project -III	Promotion
4	Lalrinthanga	JE	5.11.2018	Building Lunglei	Promotion
5	Henry Thanzama	JE	5.11.2018	Project I	Promotion
6	ZD Lalnunluangi	JE	5.11.2018	Lunglei Circle	Promotion
7	PC. Zokima	T/SA	14.6.2017	Lunglei Building	Promotion
8	Lalchhanhima	T/SA	14.6.2017	Lunglei	Promotion
9	H. Lalropuia	T/SA	14.6.2017	Road North	Promotion
10	Saidinglana	T/SA	14.6.2017	Lunglei	Promotion
11	Lalrinawma	T/SA	14.6.2017	Tlabung	Promotion
12	Lalbiaktluanga Kiangte	T/SA	14.6.2017	Lunglei	Promotion
13	Lalrozama	T/SA	19.6.2017	Road North	Promotion
14	K. Lalsanglana	UDC	8.9.2017	Lunglei Building Division	Promoted
15	Lazoliani Kiangte	UDC	8.9.2017	C.E(Road)	Promoted
16	B. Laltanpuui	UDC	8.9.2017	Building Circle	Promoted
17	Lalnunhlina Sailo	UDC	8.9.2017	Road North Division	Promoted
18	Sanglana Pachuau	UDC	8.9.2017	Electrical Division,Lunglei	Promoted
19	F. Lianhmuaka	UDC	8.9.2017	Electrical Division, Lunglei	Promoted
20	Lalnunngili	UDC	8.9.2017	NH Circle-1	Promoted
21	Nunhliri Kiangte	UDC	8.9.2017	E-in-C, PWD	Promoted
22	Lalrinmawii Royte	UDC	8.9.2017	Aizawl Building Division	Promoted
23	Darrokungi	UDC	8.9.2017	Serchhip Division	Promoted
24	Chawngthansanga	UDC	8.9.2017	Champhai Division	Promoted
25	R.L.Malsawma	UDC	8.9.2017	E-in-C	Promoted
26	C.Lalbiakhluna	UDC	8.9.2017	Lunglei Division	Promoted
27	C.Lalringlana	UDC	8.9.2017	Khawzawl Division	Declined
28	Lalrokima	LDC	7.6.2017	Lunglei Division	Promotion
29	R. Lalhmachhuani	LDC	7.6.2017	Mechanical Division	Promotion
30	Nirmala Devi	LDC	7.6.2017	Kolasib Division	Promotion
31	F. Lalkaiveli	LDC	7.6.2017	NHDivision-IV	Promotion

32	P. Lalhmingliani	LDC	7.6.2017	NH Division-IV	Promotion
33	Saingurpuii Sailo	LDC	7.6.2017	Road South	Promotion
34	Lalengzami	LDC	7.6.2017	Mechanical Circle	Promotion
35	Zirsangi Ralte	LDC	7.6.2017	CE Building	Promotion
36	Zodinpuia	LDC	7.6.2017	Kolasib Division	Promotion
37	EL. Malsawmkimi	LDC	7.6.2017	NH Division-I	Promotion
38	Rohlunpuii	LDC	7.6.2017	Road South	Promotion
39	Laltanpuii	LDC	7.6.2017	Building Division	Promotion
40	Lalthanpari	LDC	7.6.2017	Western Circle	Promotion
41	C. Lalmachhuani	LDC	7.6.2017	NH Division-II	Promotion
42	RK. Rohmingthangi	LDC	7.6.2017	Lunglei Electrical Division	Promotion
43	Lalmangaihi	LDC	7.6.2017	Eastern Circle	Promotion
44	K. Thangluangi	LDC	7.6.2017	CE Highway	Promotion
45	V. Lalmangaihi	LDC	7.6.2017	CE Road	Promotion
46	Lalsawmzuali	LDC	7.6.2017	E-in-C	Promotion
47	Lalthankimi	LDC	7.6.2017	Kolasib Division	Promotion
48	R. Lalramhluni	LDC	7.6.2017	Lunglei Building Division	Promotion
49	Lalmalsawmi Sailo	LDC	7.6.2017	E-in-C	Promotion
50	Zaithanpuii	LDC	7.6.2017	CE Highway	Promotion
51	Lalroengi Sailo	LDC	7.6.2017	Road North	Promotion
52	Zathangliani	LDC	7.6.2017	E-in-C	Promotion
53	Lalkima	LDC	4.12.2017	NH Circle-I	Promotion
54	Zodinmawii	LDC	4.12.2017	Quality Control	Promotion
55	K. Lalarliana	LDC	4.12.2017	Road South	Promotion
56	Lalbiakdiki	LDC	4.12.2017	NH Division-IV	Promotion
57	T. Lalthandami	LDC	4.12.2017	Building Circle	Promotion
58	TF. Pasia	LDC	4.12.2017	Electrical Division	Promotion
59	Chalthanzami	LDC	4.12.2017	Western Circle	Promotion
60	Sainghinglovi	LDC	4.12.2017	Kawrthah	Promotion
61	RK. Lalhlimpuii	LDC	4.12.2017	Lunglei Circle	Promotion
62	KV. Lianthangpuii	LDC	4.12.2017	Mamit	Promotion
63	Vanlaltana Chhangte	LDC	4.12.2017	Project-III	Promotion
64	Lalrintluangi	LDC	4.12.2017	Road South	Promotion
65	Zohmingliani Colney	LDC	4.12.2017	Building Circle	Promotion
66	Vanlalruata	LDC	4.12.2017	Road South	Promotion
67	Roneihsang	LDC	4.12.2017	Electrical Division	Promotion
68	R. Lalrinsangi	LDC	4.12.2017	E-in-C	Promotion

3.1.4

<i>Sl.No.</i>	<i>Name</i>	<i>Place of posting</i>	<i>Designation</i>	<i>Status</i>	<i>Date</i>
1	K.Lalsangliana	Lunglei Building	Assistant	Promoted	8.9.17
2	Lalzoliani Khiangte	CE Roads	Assistant	Promoted	8.9.17
3	B.Laltanpuii	SE Building	Assistant	Promoted	8.9.17
4	Lalnunhluma Sailo	Road North	Assistant	Promoted	8.9.17
5	Sangliana Pachuau	Electrical Div Lunglei	Assistant	Promoted	8.9.17
6	F.Lianhmuaka	Electrical Div Lunglei	Assistant	Promoted	8.9.17
7	Lalnunngili	NHC-I	Assistant	Promoted	8.9.17

8	Nunhliri Khiangte	E-In-C	Assistant	Promoted	8.9.17
9	Lalrimawii Royte	Aizawl Building	Assistant	Promoted	8.9.17
10	Darrokungi	Serchhip	Assistant	Promoted	8.9.17
11	Chawngthansanga	Champhai	Assistant	Promoted	8.9.17
12	R.L Malsawma	E-In-C	Assistant	Promoted	8.9.17
13	C.Lalbiakhluna	Lunglei	Assistant	Promoted	8.9.17
14	Lalrokima	Lunglei Divn.	UDC	Promoted	7.6.2017
15	R.Lalhmachhuani	Mechanical Dn.	UDC	Promoted	7.6.2017
16	Nirmala Devi	Kolasib Dn.	UDC	Promoted	7.6.2017
17	F. Lalkaiveli	NH D.IV	UDC	Promoted	7.6.2017
18	P. Lalhmingliani	NH Dn.I	UDC	Promoted	7.6.2017
19	Saingurpuii Sailo	Road South	UDC	Promoted	7.6.2017
20	Lalengzami	Mechanical Circle	UDC	Promoted	7.6.2017
21	Zirsangi Ralte	CE Buildings	UDC	Promoted	7.6.2017
22	Zodinpuia	Kolasib Dn.	UDC	Promoted	7.6.2017
23	E.L.Malsawmkimi	NH Dn.I	UDC	Promoted	7.6.2017
24	Rohlunpuii	Road South	UDC	Promoted	7.6.2017
25	Laltanpuii	Building Division	UDC	Promoted	7.6.2017
26	Lalthanpari	Western Circle	UDC	Promoted	7.6.2017
27	C. Lalhmachhuani	NH Dn.II	UDC	Promoted	7.6.2017
28	RK.Rohmingthangi	Lunglei Electrical	UDC	Promoted	7.6.2017
29	Lalhmangaihi	Eastern Circle	UDC	Promoted	7.6.2017
30	K.Thangluangi	CE Highways	UDC	Promoted	7.6.2017
31	V. Lalhmangaihi	CE Roads	UDC	Promoted	7.6.2017
32	Lalsawmzuali	E-in-C, Office	UDC	Promoted	7.6.2017
33	Lalthankimi	Kolasib Dn.	UDC	Promoted	7.6.2017
34	R. Lalramhluni	Lunglei Building	UDC	Promoted	7.6.2017
35	Lalmalsawmi Sailo	E-in-C, Office	UDC	Promoted	7.6.2017
36	Zaithanpuii	NH Circle-II	UDC	Promoted	7.6.2017
37	Lalroengi Sailo	Road North	UDC	Promoted	7.6.2017
38	Zathangliani	E-in-C, Office	UDC	Promoted	7.6.2017
39	Lalkima	NHC-I	UDC	Promoted	4.12.2017
40	Zodinmawii	Quality Control	UDC	Promoted	4.12.2017
41	K. Lalzarliana	Road South	UDC	Promoted	4.12.2017
42	Lalbiakdiki	NH D.IV	UDC	Promoted	4.12.2017
43	T. Lalchhandami	Building Circle	UDC	Promoted	4.12.2017
44	T.F. Pasia	Azl.Electrical	UDC	Promoted	4.12.2017
45	Chalthanzami	Western Circle	UDC	Promoted	4.12.2017
46	Sainghinglovi	Kawrthah Dn.	UDC	Promoted	4.12.2017
47	R.K. Lalhlimpuii	Lunglei circle	UDC	Promoted	4.12.2017
48	K.V. Lianthangpuii	Mamit Dn.	UDC	Promoted	4.12.2017
49	Vanlaltana Chhangte	Project .III	UDC	Promoted	4.12.2017
50	Lalrintluangi	Road South	UDC	Promoted	4.12.2017
51	Zohmingliani Colney	Building Circle	UDC	Promoted	4.12.2017
52	Vanlalruata	Road South	UDC	Promoted	4.12.2017
53	Roneihsang	Azl.Electrical	UDC	Promoted	4.12.2017
54	R. Lalrinsang	E-In-C	UDC	Promoted	4.12.2017

4. Upgradation to Driver Grade-I to Driver Special Grade

<i>Sl.No</i>	<i>Name</i>	<i>Place of Posting</i>	<i>Date of upgradation</i>
1	Rammawia	Mechanical Dn.	6.8.2017
2	K.Lalrinsiam,Regular	Kolasib Divn.	3.8.2017
3	Laldingliana, Regular	Project Divn.II	30.7.2017
4	Israel Thansanga,Regular	E-in-C Office	29.7.2017
5	Lalhruaia,Regular	CE Highways	29.7.2017
6	Lalremruata,Regular	Project Divn.III	31.7.2017
7	Lalhruaia,Workcharged	Road North Divn.	30.8.2017
8	Sangthuama,Workcharged	Champhai Divn.	29.7.2017
9	Rinmawia,Workcharged	Saiha Divn.	30.7.2017
10	B.Sangsiam,Workcharged	Lunglei Divn.	1.8.2017
11	C.Lalmuchhuaka	Bulding Dn.	9.5.2017
12	Hmingthanauva,W/C	Serchhip Dn	21.9.2017

5. Newly Confirmed

<i>Sl.No.</i>	<i>Name</i>	<i>Designation</i>	<i>Place of posting</i>	<i>Date of confirmation.</i>
1	Motilal Kisku	Driver	Quality Control	24.1.2018
2	Lalsanglina	Driver	E-in-C Office	24.1.2018
3	C.Lalrinpuia	Driver	Tlabung Divn	24.1.2018
4	David Zosanglura	Driver	Kawrthah Dn.	24.1.2018
5	Lalthapuia	Driver	Project Circle	24.1.2018
6	Lalropuia	Driver	CE Building	24.1.2018
7	Shillongthanga	Driver	Road North	24.1.2018
8	H.Lalremsiam	Driver	E-in-C Office	24.1.2018
9	Zoramchhana	Driver	Saitual	24.1.2018
10	Roluhpuia	Driver	Kawrthah Dn.	24.1.2018
11	C.Lalremsanga	Driver	Mamit Dn	24.1.2018
12	K.Lalduhthlanga	Driver	Khawzawl Dn	24.1.2018
13	R.Lalmunsiam	Driver	Lunglei Dn	24.1.2018
14	V.Lalnunmawia	Driver	Highway Dn.II	24.1.2018

6. PENSION & RETIREMENT :-

During the reporting year 2017-18, given below is a list of officers and staff of the department who had gone on superannuation/ pension.

6.1

1	H.Zoliana	E.E	30.09.2017
2	Lalchamlia	SDO(Elect)	28.02.2018

6.2 Superannuation pension (S.P.)

<i>SI No</i>	<i>Name</i>	<i>Designation</i>	<i>Date</i>	<i>Place of posting</i>	<i>Remarks</i>
1	F. Zamawii	JE	30.6.2018	NHD-II	Superannuation
2	Lalngaihawma	JE	31.5.2018	Road South	Superannuation
3	Lalrozara	JE	31.10.2018	Building	S.P
4	Rokhuma	T/SA	30.4.2017	Saitual	Superannuation
5	Lalthianghlina	T/SA	1.9.2017	Project I	Voluntary

6	K. Satzauva	T/SA	28.2.2017	Tlabung	Superannuation
7	K.Vanlalthanga	T/SA	30.11.2017	Police	Superannuation
8	C. Ramhluna	T/SA	30.4.2018	Hmuifang	Superannuation
9	Ngurliana Sailo	T/SA	31.8.2018	Lawngtlai	Superannuation
10	Vanlalvena	T/SA	31.12.2018	Road North	Superannuation
11	Varliankhuma	DM-III	28.2.2018	Project Circle	Superannuation
12	R.K Singh	UDC	31.5.2017	Kolasib	Super
13	Lalparmauii	Asst.	31.8.2017	C.E(Road),	Super
14	ZoKhumi varte	Asst.	28.2.2018	C.E	Superannuation
15	H. Lalhruaia	UDC	28.2.2018	C.E	Superannuation
16	Nunhliri Khiangte	Asst.	28.2.2018	C.E (Road)	Superannuation
17	K.Lalduhawma	UDC	28.2.2018	Champhai	Superannuation
18	Lalhrangzuali sailo	Asst.	28.2.2018	E-in-C	Superannuation
19	C.L. Hruaivela	UDC	28.2.2018	NH-Division-	Superannuation
20	P.Lianhnuna	Asst.	31.3.2018	Lunglei	Superannuation
21	Lalmuanpuui	Asst.	31.3.2018	Project -I	Superannuation
22	H.Lalthanzuala	Steno-II	31.3.2018	Project -II	Superannuation
23	Vanlalchhuani	Asst.	28.2.2018	NH Division-I	Superannuation
24	Lalchhuanliana	Asst.	28.2.2018	Mamit	Superannuation
25	Ramayan Sharma	Welder	31.7.2017	Mechanical	Superannuation
26	Lalsangvuana	Elect-II	31.8.2017	Electrical	Superannuation
27	Lalthlamuana	Elect-I	30.9.2017	Electrical	Superannuation
28	C. Kapvunga	Elect-I	30.9.2017	Electrical	Superannuation
29	R. Lalthankunga	LDC	Electrical-I	Electrical	Superannuation
30	Bir Singh	LDC	Mechanic-II	Mechanical	Superannuation

6.3

<i>Sl.No</i>	<i>Name</i>	<i>Place of posting</i>	<i>Designation</i>	<i>SP/Death</i>	<i>Date</i>
1	K.Lalramhluna	Khawzawl	Peon	V.R	1.5.17
2	Laldinpuia	NHD-I	Sweeper	SP	30.6.17
3	Lalduhawma	Western	Peon	Expired	4.6.17
4	F.Lalromawia	Mechanical Circle	Chowkider	Expired	14.6.17
5	Khawlliansanga	CE Building	Peon	Expired	30.6.17
6	Rameshwar Baski	Hmuifang	Sweeper	SP	30.6.17
7	Bhudan Singh	Electrical	Jugali	SP	31.7.17
8	Hrangkhuma	CE Roads	Driver	Expired	12.7.17
9	Dowtho	Tlabung	Chowkider	SP	31.7.17
10	Lalchamlia	Electrical	Jugali	SP	31.8.17
11	Budan Murmu	Project -I	Peon	SP	31.10.17
12	Robuanga	CE Highway	Sweeper	SP	31.12.17
13	Lianzuala	Building	Peon	Expired	15.11.17
14	C.Rohlpuia	Roas South	DM-III	Expired	18.12.17
15	Lalduhthlanga	SE Building	DM-III	Expired	2.1.18
16	Chiangzika	CE Highway	Driver	SP	28.2.18
17	Jagdiah Arak	E-In-C	Peon	SP	28.2.18
18	Lalvuana	Khawzawl	IBC	SP	28.2.18
19	K.Pahlira	Project -II	Chowkider	Expired	20.2.18
20	Varliankhuma	Project Circle	DM-II	SP	28.2.18
21	Thuamlia	Eastern	Chowkider	SP	31.3.18
22	Lalremruata	Khawzawl	IBC	Expired	23.2.18
23	M.Thanchungnunga	Electrical	Jugali	SP	31.3.18
24	Zokhuma	Project-I	Peon	SP	31.3.18
25	C.Pangliana	Mechanical -I	Chowkider	SP	31.3.18

26	Remliana	Serchhip	Peon	Expired	25.3.18
27	Zalawra	Saitual	Peon	SP	31.3.18
28	Zamliaana	Building	Driver	SP	31.5.18
29	T.Lalparliana	Mech	Tinsmith	SP	31.5.18
30	C.Vankhama	Electrical	Jugali	SP	30.6.18
31	H.Lalhlimpuia	NHD-I	Driver	SP	28.2.18
32	Saithangpuii	Quality Control	Sweeper	SP	31.7.18
33	C.Renghlupuii	CE Building	DM-I	V.R	1.8.18
34	Zothantluanga	Project Circle	Peon	SP	31.7.18
35	Aihurangi	Lunglei Building	Peon	SP	31.7.18
36	Kalpana Rani Das	Project -I	Peon	SP	30.6.18
37	Taichina	Lawngtlai	Driver	SP	30.6.18
38	K.Lalromawia	Building	Plumber	SP	31.8.18
39	Zoramthangi	Highway Circle -I	Sweeper	SP	31.8.18
40	Lalmalsawma	Building	Peon	SP	31.8.18
41	K.Lalhmagaiha	EE Lunglei	Peon	SP	30.9.18
42	RK Singh	Kolasib	UDC	SP	31.5.17
43	Lalparmawii	CE Roads	Assistant	SP	31.8.17
44	Zoliansangi	Lunglei Building	UDC	Expired	14.12.17
45	Zokhumi Varte	CE Highway	Assistant	SP	28.2.18
46	H.Lalhuaia	CE Highway	UDC	SP	28.2.18
47	Nuhliri Khiangte	CE Roads	Assistant	SP	28.2.18
48	K.Lalduhawma	Champhai	UDC	SP	28.2.18
49	Lalhrangzuali Sailo	E-In-C	Assistant	SP	28.2.18
50	C.L. Hruaivela	NHD-II	UDC	SP	28.2.18
51	P.Lianhnuna	Lunglei Div	Assistant	SP	31.3.18
52	P. Lalmuanpuii	Project-I	Assistant	SP	31.3.18
53	Pu H.Lalthanzuala	Project Circle	Steno-II	SP	31.3.18
54	Pi Vanlalchhuani	NHD-I	Assistant	SP	28.2.18
55	Pu Lalchhuanliana	Mamit	Assistant	SP	28.2.18

7. EXPIRED DURING 2017-2018

SI No	Name	Designation	Date	Place of posting	Remarks
1	Lalbiakvela	JE	3.5.2018	Road North	Expired
2	Lalnuntluanga	JE	20.6.2018	NHD-I	Expired
3	RC Lalbuanga	JE	1.7.2018	Industry	Expired
4	R. Lalsanglura	JE	10.7.2018	NHD-V	Expired
5	J. Lilykungi	JE	3.9.2018	Saiha	Expired
6	C. Zorema	JE	15.11.2018	Hmuifang	Expired
7	Lalpawlliana	T/SA	20.8.2018	Saitual	Expired
8	Lalengmawia	T/SA	5.10.2018	Road South	Expired
9	F. Lalchhandama	T/SA	18.9.2018	Road North	Expired
10	Lalduhthlanga	DM-III	2.1.2018	Building Circle	Expired
11	C. Rohlupuii	DM-III	18.12.2017	Road South	Expired
12	Zoliansanga pachuau	UDC	14.12.2017	Lunglei Building Division	Expired
13	Lalhmachhuana	LDC	3.5.2017	Project-III	Expired
14	Lalhmuchhuaka	LDC	8.5.2017	Saitual Division	Expired

REPORT OF CAPACITY BUILDING

During the reported year, 213 Officers & Staff attended 14 different courses under normal training programmes in-house & other Institutes. In addition to the normal training programme, NRRDA sponsored In-Houses training was organized at Aizawl and Lunglei covering various types of courses. 845 participants attended 16 different courses. **Therefore, the overall training attendance during the year is 845 in 30 courses.**

During the year, some of the relevant in-house training includes *One Day Bio-Engineering training for SDO/JE on 19.02.2018*, *Rehabilitation and Retrofitting of Bridges on 11th – 27th April, 2017* and workshop on *Slope Stabilizationconcept on Hill Roads on 2.6.2017*.



Workshop on “Slope Stabilizationconcept on Hill Roads” on 2.6.2017

(Some topographies of Nepal similar to Soil structure of Mizoram had been discussed)

A. Training on “Rehabilitation and Retrofitting of Bridges” was conducted during 11th - 27th April, 2017 at E-in-C Conference Hall, Tuikhuahtlang. Dr. Virindra K. Raina, Bridge Engineer (World Bank Consultant) was the Resource Person and Er. R. Lalrintluanga, Chief Engineer (Planning) was the Chief Co-Ordinator. 48 Officers attended the training. 24th April 2017 (pic.)



REPORT OF NRRDA SPONSORED IN-HOUSE TRAINING

In house Training Programme for **“Skill Development of Field Staff (JE, SA, etc.) and Contractors/Contractors' Engineer”** was successfully organised by PWD, Mizoram at Aizawl and Lunglei under the sponsorship of NRRDA during the reported year.

In Aizawl, the training was conducted at E-in-C Conference Hall, Tuikhuahtlang & Practical at Central Laboratory, Zuangtui. Total attendance was 694 nos. covering 9 different courses with 25 faculties/lectures.

Er. R. Lalrintluanga Chief Engineer (Planning) was the Chief Co-ordinator, Er. Lalzarliana Sr. EE Quality Control Division, Er. Robin Lalrinawma Sr. EE (PMGSY) were the training Co-Ordinator.

In Lunglei, training was conducted at Conference Hall, SE PWD, Lunglei having total attendance of 151 nos. covering 6 courses with 1 course for local contractors under 27 faculties/lectures. Er. C. Lalchhuana SE, Lunglei was the Chief Training Co-Ordinator supported by his colleagues.

Pictures of training are given below :-



Pictures of In-House Training at Aizawl



Pictures of In-House Training at Aizawl (contd.1)



Pictures of In-House Training at Aizawl (contd.2)



Pictures of In-House Training at Aizawl (contd.3)



Pictures of In-House Training at Lunglei



Pictures of In-House Training at Lunglei (contd.1)



TRAINING ON SKILL DEVELOPMENT OF PWD FIELD STAFF AT LUNGLEI ON DATED 15th - 17th JANUARY, 2018



TRAINING ON SKILL DEVELOPMENT OF PWD FIELD STAFF AT LUNGLEI ON DATED 23rd - 25th JANUARY, 2018



Pictures of In-House Training at Lunglei (contd.2)



**TRAINING ON SKILL DEVELOPMENT OF PWD FIELD STAFF
AT LUNGLEI ON Dated 7th - 9th February, 2018**

**TRAINING ON SKILL DEVELOPMENT OF PWD FIELD STAFF
AT LUNGLEI ON Dated 15th - 16th February, 2018**

**TRAINING ON SKILL DEVELOPMENT OF CONTRACTORS/ CONTRACTOR ENGINEERS
AT LUNGLEI ON Dated 14.2.2018**



Review Meeting of Works held on 18 & 19 January, 2018



ADVANCE CHRISTMAS CELEBRATION HELD ON 15th DECEMBER, 2017



Meeting of Maintenance of Roads held on September 21, 2017

No vehicle Day



Pictures of Costume Day observed in some Offices on 28.02.2018.



