

Government of Mizoram Public Works Department

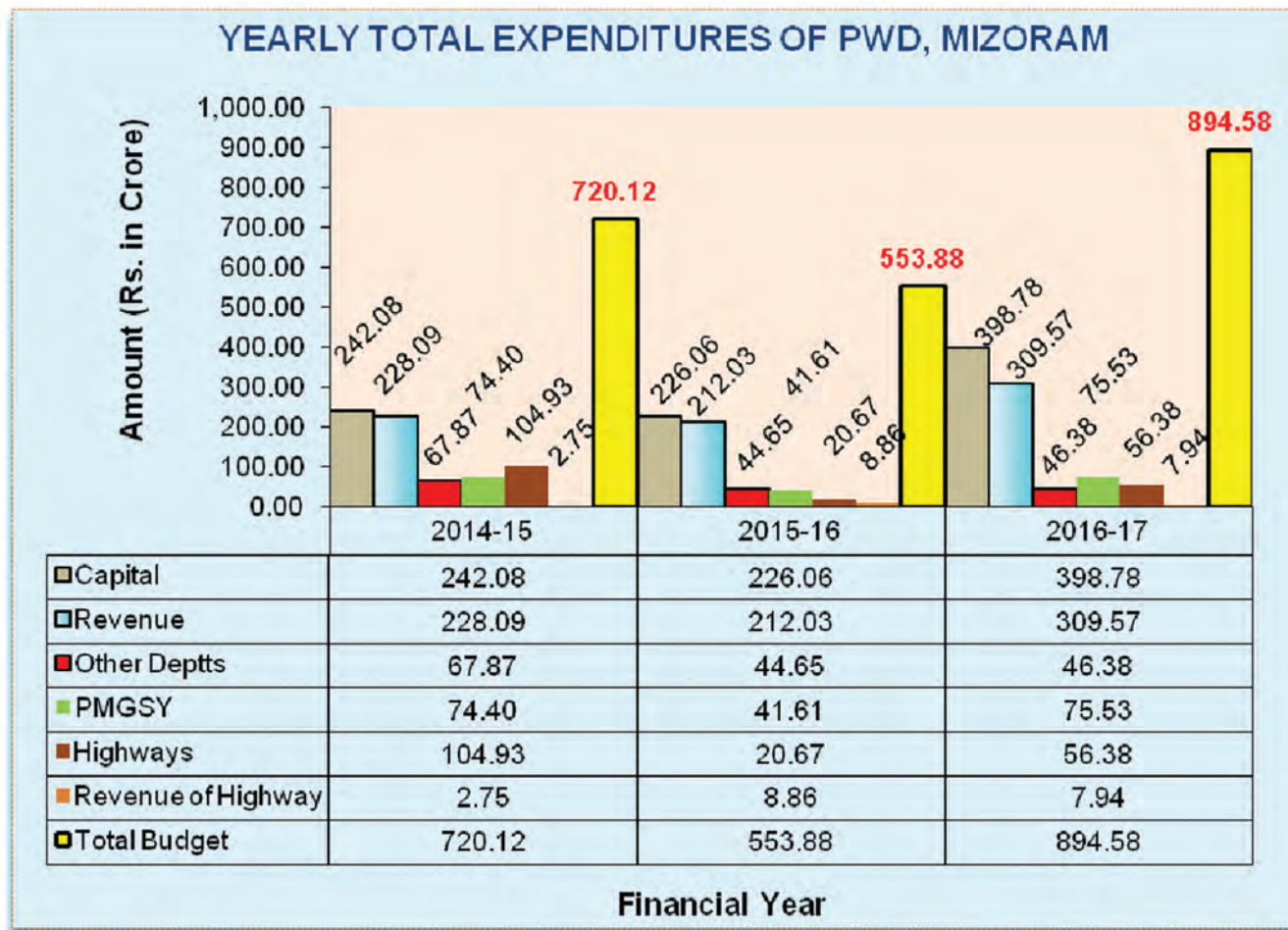
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Annual Report 2016-2017



PWD Annual Report 2016-2017



IS / ISO 9001



Mizoram: Aizawl



**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. J. Rammawia, Chief Engineer, Roads | - Member |
| 3) Er. K. Lalsawmvela, Chief Engineer, Highways | - Member |
| 4) Er. Lalmuankima Henry, Chief Engineer, Buildings | - Member |
| 5) Er. R. Lalrintluanga, Chief Engineer (Planning) | - Member |
| 6) Ar, George Lalzuia, Chief Architect | - Member |
| 7) Er. J. Zothanpuia, SE, Western Circle | - Member |
| 8) Er. Vanlalchhuana, SE, Eastern Circle | - Member |
| 9) Er. H. Lalbiakthanga, EE (Procurement), WB-PIU | - Member |
| 10) Er. Lalrinawma, EE (W-II), E-in-C's Office | - Member |
| 11) Representative(s) of PMC | - Invitee |
| 12) Er. Lalrinkima Hnamte, Project Director, PIU | - Member Secretary |



Working Group of RSMP (Road Sector Modernization Plan) :
Sitting from Left : Ar. George Lalzuia, Er. Lalmuankima Henry, Er. R. Vanlaltluanga,
Er. K. Lalsawmvela, Er. R. Lalrintluanga.
Standing from Left : Er. H. Lalbiakthanga, Er. Robin Lalrinawma, Er. R. Lalrinkima,
Er. J. Zothanpuia



Press Conference on 22nd October 2016 at Press Club



GOVERNMENT OF MIZORAM PUBLIC WORKS DEPARTMENT



ANNUAL REPORT

2016 - 2017

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.

2017

**SUB-GROUP-I:
MODERNIZATION OF
POLICIES, ENGINEERING
PRACTICES AND
BUSINESS PROCEDURE**

Sitting from Left :
Er. H. Lalbiakthanga, EE,
Er. K. Lalsawmvela,
Chairman, Er. Lalrinkima
Hnamte, PD, PIU.



SUB-GROUP-II : ASSET MANAGEMENT AND MAINTENANCE

Sitting from Left : Er. PC David Lalrinliana, Sr. AE, Er. Robin Lalrinawma, Sr EE, Er. Lalmuankima Henry, Chairman, Shri. Lallianhmuaka, DD(A), Er. Lalbiaknunga, Sr. AE.

SUB-GROUP-III :
**INSTITUTIONAL & HUMAN
RESOURCE DEVELOPMENT**

Sitting from Left :
Er. Robin Lalrinawma, Sr. EE,
Shri. Lallianhmuaka, DD (A),
Er. Lalnunnema Tochwawng,
HRDM



SUB-GROUP-IV : ROAD
SAFETY MANAGEMENT

Sitting from Left :
Er. SR. Lalramthanga, Sr.
AE, Er. J. Zothanpuia,
Chairman, Er.
Lalbiaknunga, Sr AE.





SUB-GROUP-V :
ENVIRONMENT AND SOCIAL
SAFEGUARD CAPACITY AND
MANAGEMENT

Sitting from Left :
Smt. Rosie Lalremtluangi,
Social Dev. Specialist, Er. R.
Lalrintluanga, Chairman, Er.
David Sapzova, Sr EE.

GOVERNMENT OF MIZORAM PUBLIC WORKS DEPARTMENT

ANNUAL REPORT 2016-2017

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

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Frontcover picture : Rajiv Gandhi Stadium, Mualpui
Backcover picture : MCON Building at Falkawn



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MESSAGE

It gives me great pleasure to learn that Public Works Department, Mizoram is publishing its Annual Report for 2016-17. Since the time of the British, PWD has been a part and parcel of Mizo society and has contributed immensely to the people, being a steady and steadfast partner in the pursuit of all round development and progress of Mizoram and its people. Hence, it is but natural that the expectations of the people and all the stakeholders are high. I want to take this opportunity to congratulate all the officers and staff of PWD for putting in their best and request you to continue to strive for excellence in your work.

The Annual Report of any organization is an important and useful document not only for the concerned officials and the Government, but also for all the stakeholders including the public. It is an important yardstick for measuring performance and efficiency; furthermore, shortcomings, deficiencies and gaps can be addressed based on these reports. Therefore, factual accuracy and correct information are important benchmarks and I am sure that utmost care has been taken in the preparation of the Report. I am happy to learn that the last two Annual Reports – 2014-15 and 2015-16 had found favourable acceptance and it has been appreciated from various quarters.

I hope that in the coming years, these Annual Reports will help us chart further courses of development and progress. I wish Mizoram PWD all the best in their endeavours.

Dated Aizawl,
the 12th.12.2017


(LAL THANZARA)

Lalram Thanga, IFS
PRINCIPAL SECRETARY
Public Works Department
Govt. of Mizoram.



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Date :



MESSAGE

I am pleased to learn that the Mizoram Public Works Department is bringing out the Annual Report for the fiscal year 2016 – 2017. There are important contributions of the Department in the development of Infrastructures in the State. I hope that the report and important data in the book will encourage the employees and readers of this publication. I congratulate the Editorial Board in bringing out this important document.

I convey my greetings and best wishes for the successful publication of Annual Report 2016 – 2017.

Dated Aizawl
the 5th December, 2017


(LALRAM THANGA)



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



MESSAGE

It is a pleasure to note that PWD Annual Report for the year 2016—2017 is ready for publication where the achievement of the Department is 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 by PWD is 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 the strong and dedicated team work, it is hope that Engineers will build better infrastructure for the development of Mizoram in the future.

(R. VANLALTLUANGA)

EDITORIAL BOARD

Editor-in-Chief : Er. John Rammawia CE, Roads,
Joint Editors : Ar. George Lalzuia Chief Architect
Er. Robin Lalrinawma, Sr. EE (PMGSY), E-in-C's Office
Er. C. Lalthlamuani Sr. EE (Proc.), ADB, PIU
Er. K. lalbiakthanga EE (Proc.), WB, PIU
Er. Lalnunnema Tochwawng, HRDM, E-in-C's Office



EDITORIAL BOARD :

**Standing from Left : Er. Robin Lalrinawma, Sr. EE, Er. K. lalbiakthanga EE (Proc.),
Er. Lalnunnema Tochwawng, HRDM**

**Sitting from Left : Er. C. Lalthlamuani Sr. EE (Proc.),
Er. John Rammawia CE, Roads, Ar. George Lalzuia Chief Architect**

Chapter 1

EDITORIAL

It is grateful to say that valuable messages are received from Minister, Principal Secretary and Engineer-in-Chief in this publication. Their words will inspire the PWD personnel in serving the people of Mizoram.

During this year, the volume of Expenditure as a whole is Rs 894.58 Cr. A total of Rs 754.73 cr was received from the State, Central Govt. and other external Aided Agencies. There are other expenditures of Rs 75.53 cr from PMGSY works and Rs 56.38 cr from National Highway Fund with its revenue of Rs 7.94 Cr.



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. Engineer-in-Chief in the Office is assisted by one Chief Engineer (Planning) and one Chief Architect. There are 9 circle offices and one PIU each headed by SEs. There are 29 working Divisions headed by EEs and 84 Sub-Divisional Offices headed by SDOs.

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 10 members in the Committee. For effective implementation of the activities, 5 RSMP – Sub Group Committees were again formed with each Sub-Groups having specific tasks.

Under the 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 carried out while several activities are still more to come for implementation.

3. Highlight of Achievements :

Some of the achievements may be summarised as below;

A. ROAD SECTOR:

- i) Improvement and Renovation of Roads within Aizawl and District Hqrs are done under NEDP Programme. While Buarpui-Bunghmun and Phairuang-Thenhlum/ Zawlpui roads are in good progress,
- ii) 32.85 kms resurfaced, 273 kms patch repair and some retaining wall/ Culvert/Pavement are taken up under Maintenance Fund,
- iii) Since inception of PMGSY Scheme in Mizoram, a total of 273 different roads for a length of 3507.86 kms have been covered benefitting 192 nos. of habitations, 37nos of roads for a length of 704.67 kms have been completed upto black-topping stage benefitting 42 nos. of habitations,
- iv) Muallungthu-Khumtung road is under completion stage and some other road constructions are in good progress under NABARD Scheme,
- v) Improvement of Saitual-Saichal and Bairabi-Zamuang are completed under NEC Scheme,
- vi) 3 Bailey Bridges are physically completed, Suspension Bridge over R. Chhimtuipui and Chuhvel-Sihthiang road are also completed under NLCPR,
- vii) Under ISC, Tuipubari-West Kawnpui is in good progress,
- viii) Under CRF, Strengthening of Aizawl-Reek and R. Tuipui-Biate road are completed,

B. HIGHWAY SECTOR :

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

- ii) Under SARDP-NE, widening to 2-laning, realignment and geometrical improvement of South Mizoram and MultiModal project works are taken up in good progress,

C. PIU :

- i) Under Mizoram State Roads II Regional Transport Connectivity (World Bank) Project, Improvement and Up-gradation of Champhai - Zokhawthar (27.25 Km), Chhumkhum - Chawngte (41.53 Km), Tlabung - Kawrpuichhuah (12.00 Km) are taken up and in good 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 Zawlpuai –Phairuankai are under DPR completion stage.
- ii) Whereas under ADB Scheme, Intermediate Lane of Serchhip – Buarpui road is in good progress having overall physical progress of 28%

D. BUILDING SECTOR :

Prominent buildings like Indoor Stadium at Lunglei, Minor Irrigation Office at NSC, Aizawl West College, 200 bedded Hostel for Mizoram College of Nursing at Falkawn, DIET Buildings at Serchhip, Construction of Innovation Hub with 8M Dia Astronomy & Space Sciences Exposition Theatre for Sub Regional Science Centre at Aizawl, Taxation Office at Kolasib, Fire building at Kolasib have been completed. Many Staff Quarters, Police Stations and PHC buildings at various palces are also completed. Some College and Higher Secondary buildings are also completed.

Directorate Building of Health & Medical Education at NSC, Market Building at Vairengte, Judicial/ Court Buildings at some places are also under completion stage.

4. HUMAN RESOURCE MANAGEMENT

As per last year record, a total of 1560 regular and 366 workcharged employees are working in the Department. This year is having a record of Regular Staff 2168, workcharged 391 and MR 991. It shows that record keeping is maintained better than last year.

- i) 17 new employees are recruited on co-terminus basis compared to last year of 28 employees,
- ii) 5 Officers and 47 Staff got promotion and upgradation of 5 Staff are attained,
- iii) Workcharged Staff of 54 and MR 7 are regularized,
- iv) 5 Officers got pension, 27 Staff and 20 Gr.D also got pension this year,
- v) 1 Officer and 25 Staff were expired compared to last year of 38 employees expired in total.

It is true to say that there is a continuous improvement and the works are steadily progressed.



JOHN RAMMAWIA
Editor-in-Chief
cum
Chief Engineer, Roads
Public Works Department
Government of Mizoram

Chapter 2
PERFORMANCE INDICATORS

The following tables are shown to provide an overview of the performance of the Mizoram PWD for the year 2016-2017 in relation to program delivery, financial management, asset management and human resources development.

1 ROAD NETWORK ASSETS, ROAD LENGTH by CLASS, SURFACE AND CONDITION (This is exclusive of Roads under BRO) :

Road Class	BT (km)	Un-Surfaced (Km)	Total length (Km)
National Highway	1178.118	236.200	1414.318
State Highway	170.000	0.000	170.000
Major District Road	601.400	0.000	601.400
Other District Road	769.700	208.600	978.300
Village Road	440.337	1,422.810	1,863.147
Roads within Towns & Villages	509.318	195.594	704.912
City Road	253.656	43.754	297.410
Total	3,922.529	2,106.958	6,029.487

2 ROAD ASSETS :

Road Assets	BT (km)	Un-Surfaced (Km)	Total length (Km)
State PWD Roads	3,922.529	2,106.958	6,029.487
Roads under BRO	609.625	286.690	896.315
Roads under CPWD	175.600	0.000	175.600
Roads under other Deptts	419.900	0.000	419.900
Total	5,127.654	2,393.648	7,521.302

3 Bridges by Types :

As on 14.10.2015, the following Bridges are recorded in the Department.

Srl. No.	Classification	Number of Bridges
1	Reinforced Cement Concrete (RCC) Bridge	33
2	Pre-Stressed Concrete (PSC) Bridge	15
3	Built-up Steel Girder (BUSG) Bridge	25
4	Stiffened Steel Grinder Suspension Bridge	4
5	Bailey Bridge (<i>Temporary</i>)	47
6	Timber Bridge (<i>Temporary</i>)	3
	Total	127

6 PRIVATE SECTOR PARTICIPATION :

Category	Number of Contractors Registered
Class – I	162
Class – II	215

4 PWD PLANTS AND EQUIPMENTS :

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

SI/No	Plant Category	Number of Plant	No. of known Status (i.e. not working)
1	Static Road Roller	87	13
2	Mini Tandem Vibratory Compactor	10	0
3	Excavator cum Loader	11	7
4	Hot Mix Plant	4	3
5	Air Compressor	6	5
6	Stone Crusher	3	1
7	Mobile W/Shop Van	1	0
8	Tipper truck	4	4
9	Truck	9	2
10	UI Spot Mix Plant 3/5 TPH	1	0
11	Recovery Van	1	0
Total Number of Plants & Equipment :		137	35

ii) The following Plants & Equipments are recorded as MoRTH property.

SI/No	Plant Category	Number of Plant	No. of known Status (i.e. not working)
1	Static Road Roller	4	0
2	Tandem Vibratory Road Roller	1	1
3	Mini Tandem Vibratory Road Roller	2	1
4	Excavator cum Loader	10	7
5	Hot Mix Plant	3	1
6	Diesel Generating Set	2	0
7	Hydrostatic Pave Finisher	1	0
8	Tipper truck	4	2
9	Moble Crane F-15 (ECEL)	1	0
10	UI Spot Mix Plant 3/5 TPH	1	1
Total Number of Plants & Equipment :		29	13

5 BUILDINGS MAINTAINED BY PWD :

The following Buildings were recorded in the Department.

SI/No	Name	Type of Buildings						Total Nos. of Buildings
		I	II	III	IV	V	VI	
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 21087 Sqkm. **The total length of all classes of roads in Mizoram is 7632.60 km.** Thereby; the **road density in Mizoram is 35.67 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. The Office of Engineer-in-Chief located at Tuikhuahtlang, Aizawl is assisted by one Chief Engineer (Planning) & one Chief Architect. Apart from the head offices, the present number of other Sub-Offices are shown below :

- a) 9 Circle offices & one PIU each headed by Superintending Engineer (SE) and
- b) 29 Divisional Offices each headed by Executive Engineer (EE)
- c) 84 Sub-Divisional Offices each headed by Sub-Divisional Officer (SDO)

Details are shown below along with their locations :-

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

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

S/N	NAME OF OFFICE	LOCATION
20	Quality Control Sub-Division - IV	Chanmari, Lunglei
21	Store Sub-Division	Zuangtui, Aizawl
22	Aizawl Building Sub-Division Headquarters	Treasury Square, Aizawl
23	Aizawl Building Sub-Division South	Treasury Square, Aizawl
24	Aizawl Building Sub-Division North	Laipuitlang, Aizawl
25	Estate Sub-Division	Treasury Square, Aizawl
26	Aizawl Road North Sub-Division - I	Laipuitlang, Aizawl
27	Aizawl Road North Sub-Division - II	Laipuitlang, Aizawl
28	Aizawl Road North Sub-Division - III	Laipuitlang, Aizawl
29	Road Protection Sub-Division	Treasury Square, Aizawl
30	Aizawl Road South Sub-Division - I	Treasury Square, Aizawl
31	Aizawl Road South Sub-Division - II	Treasury Square, Aizawl
32	Aizawl Road South Sub-Division - III	Treasury Square, Aizawl
33	Inland Water Transport (IWT) Sub-Division	Treasury Square, Aizawl
34	Project Sub-Division - I	Treasury Square, Aizawl
35	Project Sub-Division - II	Treasury Square, Aizawl
36	Project Sub-Division - III	Treasury Square, Aizawl
37	Project Sub-Division Mamit (V)	Mamit
38	Project Sub-Division Kolasib (VI)	Kolasib
39	Project Sub-Division Hqrs	Laipuitlang
40	Project Sub-Division Serchhip (VII)	Serchhip/Babutlang, Aizawl
41	Project Sub-Division Champhai (IV)	Champhai/Babutlang, Aizawl
42	Project Sub-Division - VIII	Babutlang, Aizawl
43	Lunglei Building Sub-Division - I	Bazar Veng, Lunglei
44	Lawngtlai Bldg. Project Sub-Division	Lawngtlai
45	Saiha Bldg Sub-Division	Saiha
46	Lunglei S&I Sub-Division	Bazar Veng, Lunglei
47	Lunglei Road Sub-Division	Bazar Veng, Lunglei
48	Hnahthial Sub-Division	Hnahthial
49	Bunghmun Sub-Division	Bunghmun
50	Tlabung Sub-Division	Tlabung
51	P.B. Road Sub-Division	Lungsen
52	Chawngte Sub-Division	Chawngte
53	Saiha Road Sub-Division	Saiha
54	Tuipang Sub-Division	Tuipang
55	Bualpui NG Sub-Division	Bualpui NG
56	Lawngtlai Sub-Division	Lawngtlai
57	S&I Sub-Division	Lawngtlai
58	Mamit Sub-Division	Mamit
59	West Phaileng Sub-Division	West Phaileng
60	Sateek Sub-Division	Aibawk
61	Thenzawl Sub-Division	Thenzawl

S/N	NAME OF OFFICE	LOCATION
62	Sialsuk Sub-Division	Sialsuk
63	Kawrthah Sub-Division	Kawrthah
64	Tuidam Sub-Division	Tuidam
65	Kanhmun Sub-Division	Kanhmun
66	Serchhip Sub-Division	Serchhip
67	North Vanlaliphai Sub-Division	North Vanlaiphai
68	Saitual S&I Sub-Division	Saitual
69	Suangpuilawn Sub-Division	Suangpuilawn
70	Phullen Sub-Divisiuon	Phullen
71	Khawzawl Sub-Division	Khawzawl
72	KST Road Sub-Division	Ngopa
73	Kawlkulh Sub-Division	Kawlkulh
74	NEC Sub-Division	Champhai
75	Champhai Sub-Division	Champhai
76	Kolasib Sub-Division	Kolasib
77	Bilkhawthlir Sub-Division	Bilkhawthlir
78	Kawnpui Sub-Division	Kawnpui
79	Bairabi Sub-Division	Bairabi
80	Vairengte Sub-Division	Vairengte
81	Multi Modal Project Sub-Division - I	Lawngtlai/Laipuitlang
82	Multi Modal Project Sub-Division - II	Lawngtlai/Laipuitlang
83	Multi Modal Project Sub-Division - III	Bungtlang 'S'/Laipuitlang
84	Multi Modal Project Sub-Division - IV	Bungtlang 'S'/Laipuitlang

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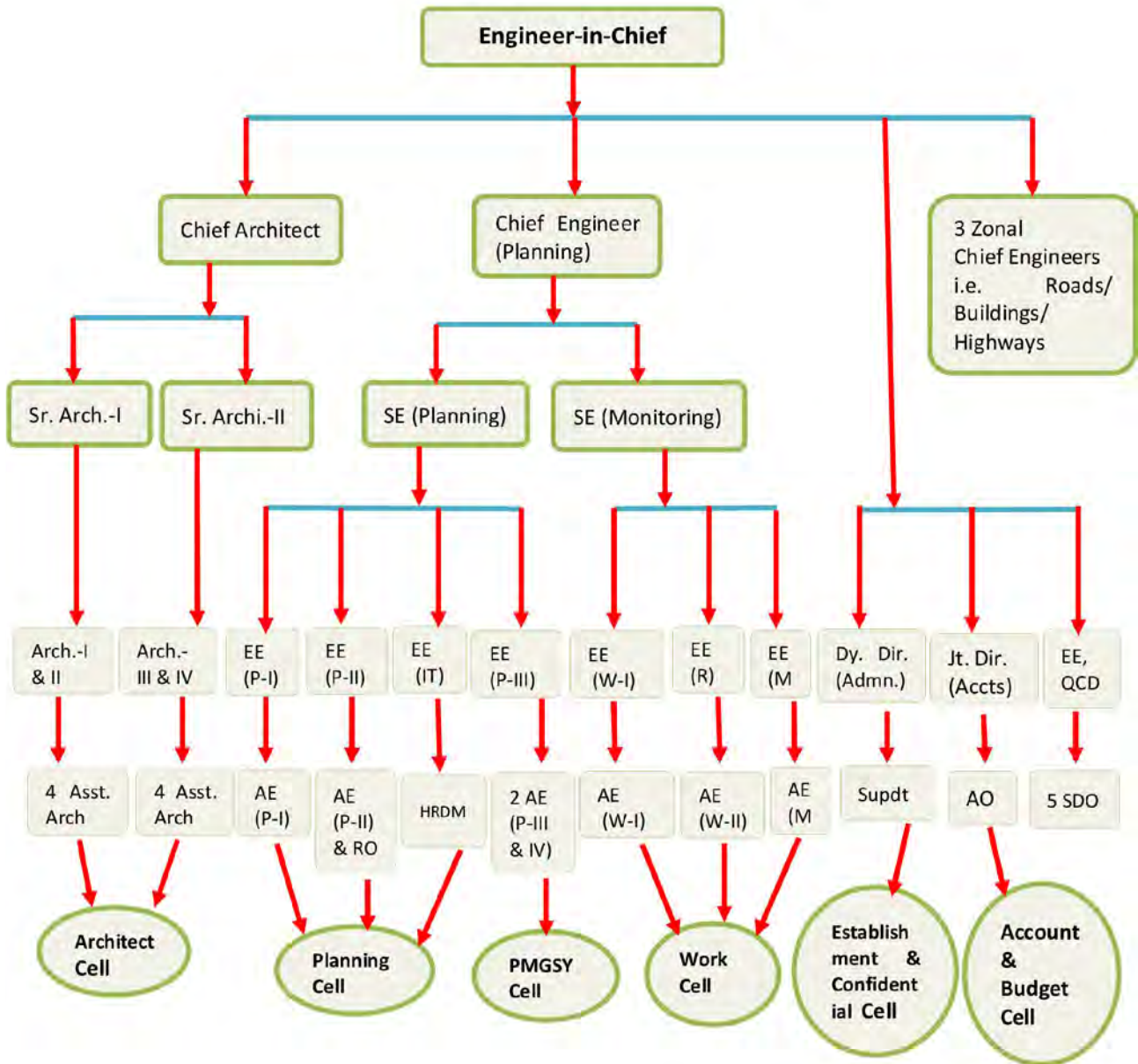


With the Camera man, Er. Thanzawna Tlau EE (IT)



Usshers of Review Meeting

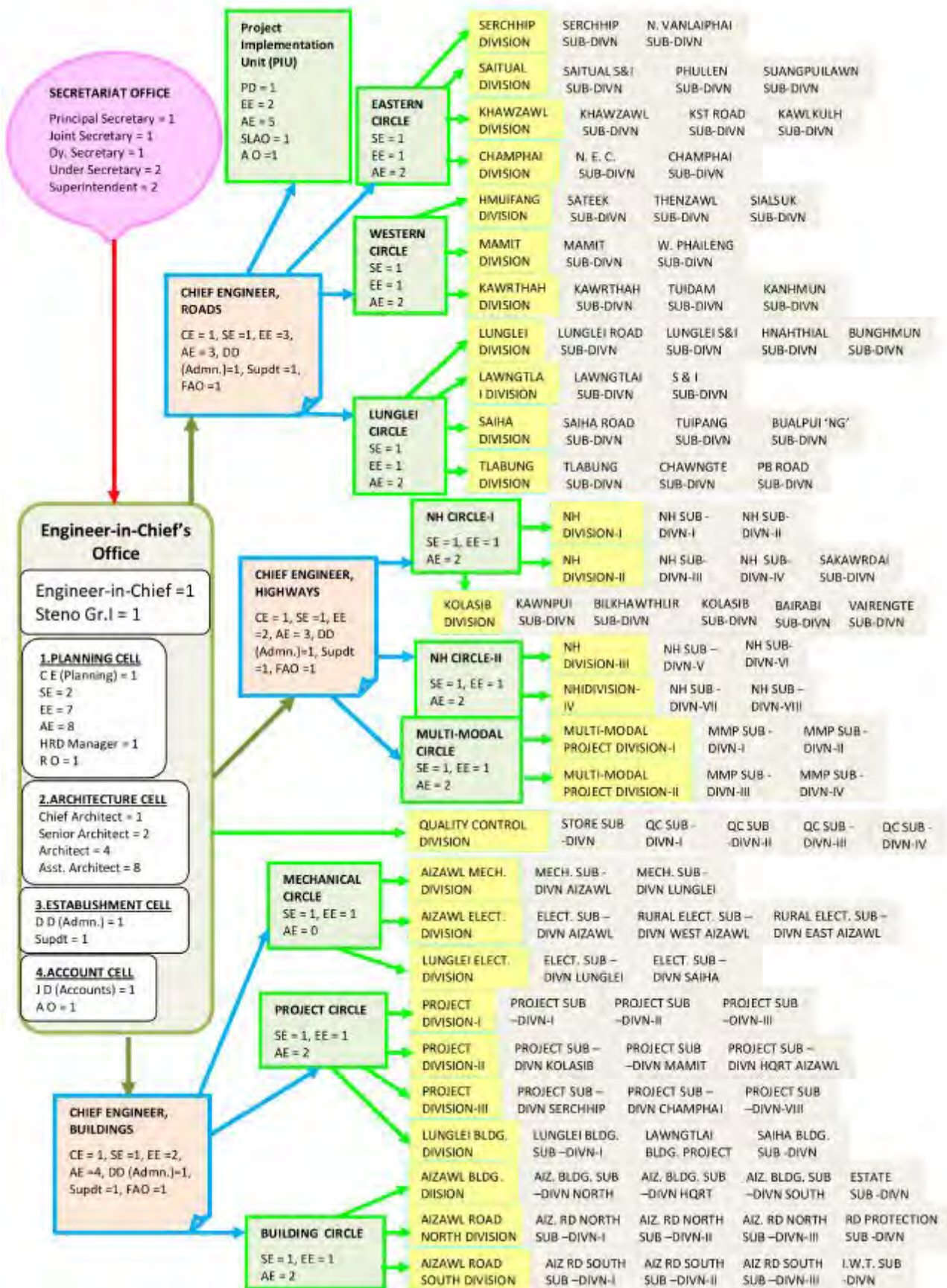
**Organization Chart of E-in-C's Office,
Mizoram PWD as on 31.03.2017**



ABBREVIATION

1. Sr. Arch = Senior Architect, SE = Superintending Engineer, Arch.=Architect, EE = Executive Engineer, Jt. Dir = Joint Director, Dy. Dir= Deputy Director, Asst. Arch= Assistant Architect, AE= Assistant Architect, 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.

Organization Chart of Mizoram PWD as on 31.03.2017



Chapter 4

MISSION AND ROLE OF THE PUBLIC WORKS DEPARTMENT

The State PWD is divided into three functional zones, viz, Roads, Highways and Buildings. 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..



SE, Lunglei giving instructions at the Site

PROPOSAL FOR REVISION OF ALLOCATION OF BUSINESS RULES, 2014
FOR PUBLIC WORKS DEPARTMENT, MIZORAM

1. Construction of Government buildings. (*'Maintenance' deleted but added in modified form*)
2. Supply of furniture to the residential quarters.
3. Rural and Urban Housing and Schemes relating to Government projects and Government buildings (*'Urban' is added*)
4. Construction and Maintenance of Urban & Rural Roads including Bridges (*'Urban' is added & 'Maintenance' deleted but added in modified form*)
5. National Highway Act and other Laws/Regulation pertaining to roads.
6. The Mizoram Road side 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 (Deleted)*
12. *Aizawl extension projects to Luangmual (Deleted)*
11. Purchase, allotment and transfer of plant, tools and machinery
12. Shramik Bahini Act
13. Maintenance of Government buildings constructed by PWD (*Added in modified form*)
14. Maintenance of Urban & Rural Roads including Bridge constructed by PWD (*Added in modified form*)
15. Extension and Development of City/New Township (*Added*)
16. The Mizoram Road Fund Act and the Mizoram Road Fund Rules (*Added*)
17. The Mizoram Rural Road Maintenance Policy (*Added*)
18. Collection of Toll Fee on Roads and Bridges (*Added*)
19. Construction of Airports and Helipads (*Added*)
20. Construction of Major elevated roads/Metro/ Mono rails. (*Added*)
21. Construction of Tunnels (*Added*)
22. CPWD Codes and CPWD Works Manual maintained by PWD (*Added*)

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Chapter 5

ACHIEVEMENTS ON ROAD SECTORS (Rural, District & City 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 :

Under this Programme, the following works are done for improvement and maintenance of various roads.

PROGRESS OF WORKS UNDER NEDP DURING 2016-2017

Sl.No	Name of work	Estimated amount (Rs. in lakh)	Progress as on 31.3.2017	Sanction amount (Rs. in lakh)	Remarks
1	2	3	4	5	6
I Infrastructure Development:					
1	Blacktopping of Luangmual Internal road	17.81	50%	17.81	Works in progress
2	Blacktopping of Vaivakawn to Ropaiabawk road	88.66	60%	88.66	Works in progress
3	Improvement of Riding Quality of approach road to Reformation and Camping Centre at Lawipu	48.46	100%	48.46	completed
4	Construction of Protection wall and Pedestrian foothpath at Electric Hebron	11.83		11.83	Not yet started
5	Construction of approach road to Assam Rifles Complex at Zokhawsang	400.42	10%	400.42	Works in progress
6	Pavement of approach road to Brigade field at Bawngkawn	172.36	50%	172.36	Works in progress
7	Widening of approach road to Armed Veng at Dawrpui Cemetery	40.00	90%	40.00	Works in progress
8	Improvement of Referral Hospital Internal road at Falkawn	20.46	100%	20.46	completed
Sub Total :		800.00		800.00	
II Infrastructure Works:-					
1	Improvement of Buarpui to Bungmun Road via Thenhlum	1000.00	10.53%	1000.00	Works in progress
2	Improvement of Phairuang to Thenhlum road via Zawlpuai and Phairuang to Zawlpuai road	1100.00	20%	1100.00	
Sub Total :		2100.00		2100.00	

Sl.No	Name of work	Estimated amount (Rs. in lakh)	Progress as on 31.3.2017	Sanction amount (Rs. in lakh)	Remarks
1	2	3	4	5	6
III	Repair, Renovation and Maintenance of Internal roads within District Headquarters :				
1	Repair, Resurfacing etc., of Lunglei Town Road	100.28	100%	100.28	Completed
2	Repair and resurfacing of Internal Road within Champhai Town	50.00	100%	50.00	Completed
3	Resurfacing of Mamit Town Road	40.00	100%	40.00	Completed
4	Repair and resurfacing of Internal roads within Serchhip Town	50.00	60%	50.00	Work in progress
5	Maintenance of Lawngtlai Town Road	40.00	100%	40.00	Completed
6	Repairs, resurfacing etc., of Internal roads within District Headquarters, Siaha	50.00	100%	50.00	completed
7	Maintenance of Kolasib Town Road	45.00	100%	45.00	Completed
8	Construction of RCC Framed Structure with masonry stone R/wall near Tuithiang Presbyterian Church on Bawngkawn to ITI road	23.90	100%	23.90	Completed
	Sub Total :	399.18		399.18	
IV	Additional work:				
1	Widening of Sailam Internal road	5.00	100%	5.00	Completed
	Sub Total :	5.00		5.00	
	G.TOTAL :	3304.18		3304.18	



Resurfacing of Approach Road to Reformation and Cemping Centre at Lawipu under NEDP (L=1.925 kms). Expenditures = 48.46 lakhs.



Resurfacing of Mamit Town Road under NEDP (Resurfacing from GSA Playground to HmunsamPres Pastor Qtrs.

II. MAINTENANCE:

The total road Length maintained by PWD i.e. other than National Highways is 4615.169 kms during 2016-17 out of which 2744.411 kms of surfaced roads and 1870.758 kms of un-surfaced roads including 105 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. ^ 36.70 crores was provided for normal Maintenance of Roads during 2016-2017. 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	=	32.85 kms
Patch Repair	=	273.00 kms
R/Wall	=	25 nos.
Hume Pipe Culverts	=	3 nos
Pavement	=	0.19 kms

Requirement : The nominal requirement for proper maintenance of the State Roads during 2016-17 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.**

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, Building Circle which is under Chief Engineer, Buildings. The achievements under the two Divisions are furnished as below:

1. Aizawl Road North Division :

a) MAINTENACE ACTION PLAN :

1. Re-Surfacing of various city roads under Aizawl Road North Division 5.660 kms completed.
2. Patch Repair and seal coating of various city roads under Aizawl Road North Division 44.52 kms completed.
3. Pavement of various roads under Aizawl Road North division 0.680 Kms completed.
4. Construction of Protection Wall under Aizawl Road North Division 115.37 Rms completed
5. Construction of Cross Drainage structure under Aizawl Road North Division – 3 Nos completed.

b) NEDP :

1. Improvement of Approach road to Assam Rifles Complex at Zokhawsang Rs.400.42 lakh – 12% completed. (As on 31.3.2017)
2. Pavement of approach road to Brigade Field at bawngkawn amounting to Rs.172.36 lakh – 50% completed. (As on 31.3.2017)
3. Blacktopping of Vaivakawn to Ropaiabawk road amounting to Rs.88.66 lakhs – completed. (As on 31.3.2017).

c) NABARD :

1. Improvement of Ramrikawn to PTC upto NH-54 under NABARD amounting to Rs.930.00 lakh – 2% completed. (As on 31.3.2017)

d) NLCPR :

1. Construction of Road from Sihpui – Thuampui under NLCPR complete.

**Maintenance of City Roads
under
Aizawl Road North Division**

Approach Road to Bawngkawn Hmarveng via Helipad Road



Approach Road to Bawngkawn Brigade Field



Approach Road to Assam Rifles Complex at Zokhawsang



Approach Road to Durtlang Thlanmual Road



Approach Road to Zotui Road at Durtlang



Approach Road to Durtlang Lower Lane



Approach Road to Chhuahlam Tuikhur at Durtlang



Approach Road to Women Polytechnic at Durtlang. Approach Road to Agape Centre at Durtlang



Approach Road to Boxing Hall at Ramhlun Sports Complex

Before

After





LUANGMUAL TO HIGHCOURT ROAD



Edenthar Internal Road

2. Aizawl Road South Division :

Sl No	Name of Work	Length to be Covered (Km)	Target during 2016 - 17		Remarks
			Rs. in Lakhs		
			Phy	Fin.	
(A) : RESURFACING & PATCH REPAIR WORKS					
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>
1	Resurfacing of Approach road to Synod Multipurpose Training Centre & Courtyard	0.100	100%	3.34	Completed
2	Repair of Bad stretches and seal coating of full width of Treasury square to Sikulpuikawn via Upper Republic	1.170	100%	30.00	Completed

3	Resurfacing of Maubawk Int. Rd (Baptist Church to Kawn veng)-0.285 Km	0.280	100%	5.52	Completed
4	Resurfacing of Approach road to Police Head Quarter, Khatla	0.550	100%	15.00	Completed
5	Resurfacing of approach road to Kulikawn to Saikhamakawn via Hridaikawn (Widening Portion)	0.250	100%	6.00	Completed
6	Patch Repair of Melthum - Samtlang - Lungleng Road (Samtlang - Khankawn = 3.800 Kms)	3.800	100%	35.00	Completed
7	Resurfacing of Khatlakawn to Govt Johnson College including Widening portions.	0.800	100%	21.30	Completed
8	Repair of pot holes and bad streches on Bungkawn to Lawipu road.	0.600	100%	14.00	Completed
9	Resurfacing of Approach road to ITI Presbyterian Pastor Quarters with premix and seal coating	0.200	100%	15.00	Completed
10	Repair of upper diversion road fromVenghlui to Bethlehem (Upper)	0.545	100%	11.00	Completed
11	Resurfacing of Maubawk to Nursery Road -550 RM	0.550	100%	10.00	Completed
12	Resurfacing of New Secretariat Complex Internal Roads Phase - II.	1.500	100%	31.00	Completed
13	Repair and resurfacing of Subway below Vanapa Hall from IOC Pump to Temple	0.130	100%	3.00	Completed
14	Resurfacing of approach road to ICDS Complex at Tlangnuam	0.370	100%	5.00	Completed
15	Resurfacing of Tuikual South Lower Lane to Tuikual Thlanmual hnuai	0.475	100%	7.00	Completed
16	Repair and resurfacing of Upper Republic Presbyterian Church to Holy Heart School	0.200	100%	4.00	Completed
17	Repair of pot holes and resurfacing of Approach Road to Bethlehem Vengthlang Field	0.150	100%	6.00	Completed
18	Repair of pot holes and resurfacing of Mission Vengthlang Damphei to Tlawng Road	0.600	100%	4.50	Completed
19	Resurfacing of Samtlang Internal Road	0.700	100%	9.00	Completed
20	Resurfacing of Approach Road to Minister's Bungalow and Courtyard at Tuikhuahtlang	0.200	100%	7.80	Completed
21	Resurfacing of Sikulpuikawn to Mission Veng Presbyterian Church via Saptawni's House	0.360	100%	5.50	Completed
22	Patch repair of Mission Vengthlang - Khatla South Church - Khatla south thlanmual	1.400	100%	7.00	Completed
23	Patch repair of approach road to Thakthing Tlang	0.350	100%	7.00	Completed
24	Patch Repair of Thai Lane, Venghlui	0.143	100%	1.30	Completed

25	Patch Repair of Venghlui Internal Road	0.412	100%	3.00	Completed
26	Patch Repair of Bethlehem to Bethlehem Vengthlang Road	110.000	100%	3.00	Completed
27	Strengthening & Improvement of Aizawl- Reiek- W.Lungdar Road(0.000-37.00 Kmp)	37.000	100%	115.583	Completed before Stipulated period of completion
Total of Resurfacing & Patch repair :					

(B) : PAVEMENT WORK

1	Pavement of PWD Labour Camp & Work site at New Secretariat Complex.	0.600	100%	36.10	Completed
Total of Pavement					

(C) : CROSS DRAINAGE.

1	Repair and re-construction of existing RCC slab Culvert including Link drain at Ch: 0.850 Kmp on MHNL Section-I. (Below Lai House at Bungkawn Vengthar)	1.0 No.	100%	5.30	Completed
2	Re-construction of Collapsed Culvert wing wall on ITI to Mualpui road at chainage 1.500 kmp	1.0 No.	100%	6.90	Completed
Total of Cross Drainage :					

(D) : SIDE DRAIN & LINK DRAIN

in (RM)

1	Restoration of Side Drain in front of Fire Sub Station at Khatla opposite of Assam Rifle Range Office Gate	27.00	100%	1.00	Completed
2	Re-Construction of Side V-Shaped RCC Side Drain at Ch.0.190 - 0.285 Kmp (95 Rm) on Maubawk to Lawipu Road.	90.00	100%	1.82	Completed
Total of Road Side drain :					

(E) : RETAINING WALL & BREAST WALL.

in (RM)

1	Re-construction of collapsed Retaining wall in front of Dinthar Govt. Middle School - II at Dinthar on MHNL Section - III.	16.00	100%	9.00	Completed
2	Restoration of collapsed road width by Construction of Retaining Wall on ITI to Aizawl ByPass Road near Pi Laltluangi's House, ITI Veng	8.80	100%	1.60	Completed
3	Construction of Protection work at Nursery Junction on Khatla Ring Road	12.00	100%	5.76	Completed

4	Construction of Retaining wall on Bethem Vengthlang to Armed veng road near Bethlehem Tuikhur	12.00	100%	6.00	Completed
5	Construction of Retaining wall on Melthum - Samtlang - Lungleng Road at Ch: 4.400 kmp	6.00	100%	3.00	Completed
Total of Retaining Walls & Breast Walls:					
TOTAL =				339.44	
(F) : MONSOON DAMAGE REPAIR :				16.00	
GRAND TOTAL =				355.44	



MAINTENANCE OF AIZAWL CITY ROAD UNDER ARND 2016-2017
P/R OF NEW MARKET INTERNAL ROAD



MAINTENANCE OF AIZAWL CITY ROAD UNDER ARND 2016-2017
P/R OF NEW MARKET INTERNAL ROAD

**Maintenance of City Roads
under
Aizawl Road South Division**



MAINTENANCE OF AIZAWL CITY ROAD UNDER ARND 2016-2017
P/R OF NEW MARKET INTERNAL ROAD



RESURFACING OF AIZAWL CITY ROAD UNDER ARND
(Civil Hospital Complex Internal Road)



RESURFACING OF AIZAWL CITY ROAD UNDER ARND
(Civil Hospital Complex Internal Road)



RESURFACING OF AIZAWL CITY ROAD UNDER ARND
(Civil Hospital Complex Internal Road)



RESURFACING OF AIZAWL CITY ROAD UNDER ARND
(Civil Hospital Complex Internal Road)



RESURFACING OF AIZAWL CITY ROAD UNDER ARND
(Jail veng Internal Road Zarkawt)



PATCH REPAIR OF AIZAWL CITY ROAD UNDER ARND
(Bawngkawn to Chamnan via Ramhlun Road)



RESURFACING OF AIZAWL CITY ROAD UNDER ARND
(Jail veng Internal Road Zarkawt)



RESURFACING OF AIZAWL CITY ROAD UNDER ARND
(Jail veng Internal Road Zarkawt)



PATCH REPAIR OF AIZAWL CITY ROAD UNDER ARND
(Chanmari to Israel point via Electric veng)



P/R & SEAL COATING OF AIZAWL CITY ROAD UNDER ARND
(Chanmari to Bazar Bungkawn via Zarkawt Road)



P/R & SEAL COATING OF AIZAWL CITY ROAD UNDER ARND
(Ramhlun South Local Council Road)



P/R & SEAL COATING OF AIZAWL CITY ROAD UNDER ARND
(Ramhlun South Local Council Road)



PATCH REPAIR OF AIZAWL CITY ROAD UNDER ARND
(Approach road to Govt Mizo HSS upper Lane)



PATCH REPAIR OF AIZAWL CITY ROAD UNDER ARND
(Bazar Bungkawn to Armed veng Road)



RESURFACING OF AIZAWL CITY ROAD UNDER ARND
(Dawrpui /Armed Veng etc Cemetery Road)



RESURFACING OF AIZAWL CITY ROAD UNDER ARND
(Armed Veng Lower Lane Road)



RESURFACING OF AIZAWL CITY ROAD UNDER ARND
(Service Road at Armed veng)



RESURFACING OF AIZAWL CITY ROAD UNDER ARND
(Service Road at Armed veng)



V-SHAPED SIDE DRAIN AT CHAINAGE 0.190 - 0.285 KMP ON MAUBAWK TO LAWIPU ROAD



Treasury to Sikulpuikawn via Upper (2)



Repair of Bad Stretches and seal coating of full width of Treasury Sq. to Sikulpui Kawn via Upper Republic Rd



Patch repair of approach road to Thakthing



Repair of upper Diversion road from Venghlui to Bethlehem



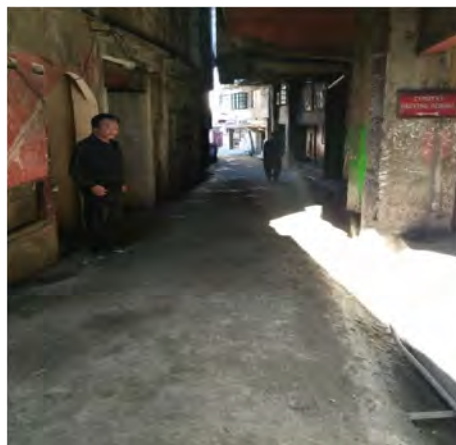
Repair and resurfacing of Upper Republic Presbyterian Church to Holy Heart School & Reconstruction of collapsed culvert wing wall on ITI to mualpui road at chainage 1.500 kmp.



Resurfacing of Approach to Minister's Bungalow and Courtyard at



Patch Repair of Bethlehem to Bethlehem Venghlang & Patch Repair of Venghlui Internal Rd.



Patch Repair of Thai Lane, Venghlui & Repair and Resurfacing of Subway Below Vanapa Hall from IOC Pump to Temple Square



Resurfacing of Approach Road to Police Head Quarters (PHQ), Khatla



Resurfacing of Khatlakawn to Govt. Johnson College including Widening Portions



Resurfacing of New Secretariat Complex Internal Road Phase-II



Resurfacing of Tuikual South Lower Lane upto Tuikual Thlanmual Hnuai



Patch Repair of Mission Vengthlang- Khatla South Presby. Church- Khatla South Thlanmual Road & Resurfacing of Sikulpuikawn to Mission Veng Presbyterian Church via Saptawni's House



Constn. of Protection Work at Nursery Junction on Khatla Ring Road & Re-Constn. of R/Wall in front of Dinthar Govt. Middle School-II at Dinthar on MHNL Sec-III



Resurfacing of Samtlang Internal Road



RESURFACING OF APPROACH ROAD TO SYNOD MULTIPURPOSE TRAINING CENTRE AND COURTYARD



RESURFACING OF BAPTIST CHURCH TO KAWN VENG ROAD

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 / plate compactor / 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
Priority No. 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.

#	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	0.00	Lakhs
Total		152641.74	83950.60	Lakhs
		Interest	2109.95	Lakhs
Towards cost over run sanctioned by GOM			450.00	Lakhs
SMS Sanctioned by GOM			600.00	Lakhs
Grand Total			87110.55	Lakhs

Achievement as on March, 2017 is as follows:-

Length of Formation Cutting completed	:	1758.30km
Length of Black Topping completed	:	704.67 km
Nos. of Habitations served	:	169 Nos.
Total Expenditure upto March, 2016	:	81505.57 lakhs

Phase I :

Length of New formation cutting	=	106.93 Km
Length of Black Topping	=	13.00 Km
Nos. of Habitations served	=	6 nos

All projects are completed.

Phase II :

Length of New formation cutting	=	202.90 Km
Length of Black Topping	=	123.61Km
Nos. of Habitations served	=	22 nos

All projects are completed.

Phase III :

Length of New formation cutting	=	255.51 Km
Length of Black Topping	=	23.00 Km
Nos. of Habitations served	=	21 nos

All projects are completed.

Phase IV :

Length of New formation cutting	=	276.70 Km
Length of Black Topping	=	47.93 Km
Nos. of Habitations served	=	20 nos

All projects are completed.

Phase V :

Length of New formation cutting	=	174.34 Km
Length of Black Topping	=	118.72 Km
Nos. of Habitations served	=	20 nos

All projects are completed.

Phase VI :

Length of New formation cutting	=	317.17Km
Length of Black Topping	=	52.46 Km
Nos. of Habitations served	=	35 nos

{In this phase, one road packages, Niawhtlang-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	=	61.07 Km
Nos. of Habitations served	=	0 nos

{In this phase, one road packages., Sakawrdai-Zohmun (14.00 km), is in progress and expected to be completed shortly}

Phase VII Batch-II:

Length of New formation cutting	=	423.51Km
Length of Black Topping	=	0.00 Km
Nos. of Habitations served	=	45nos

{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	=	239.70 Km
Nos. of Habitations served	=	0 nos

In this phase, 8 projects are completed and 21 projects are in progress.

New Proposal Submitted during 2016-2017

Stage – I project	=	22 nos (Submitted and sanctioned)
Stage – II project (pavement)	=	34 Nos (Submitted and sanctioned)

Since inception of PMGSY Scheme in Mizoram, a total of 273 different roads for a length of 3507.86 kms have been covered benefitting 192 nos. of habitations, 37nos of roads for a length of 704.67 kms have been completed upto black-topping stage benefitting 42 nos. of habitations

Tlabung Division :

- A.** Construction of Tlabung to Diblibagh road (Cell filled concrete pavement)-PMGSY, Sanction Amount Rs 343.19 Lakhs
- B.** Construction of Mauzam - Puankhai road (Cell filled concrete pavement)-PMGSY, Sanction Amount Rs 719.26 Lakhs.



**TLABUNG - DIBLIBAGH ROAD (CELL FILLED CONCRETE PAVEMENT)
CHAINAGE AT 3.150 KMP**



**MAUZAM - PUANKHAI ROAD (CELL FILLED CONCRETE PAVEMENT)
CHAINAGE AT 2.950 KMP**



HNAHTHIAL TO HAULAWNG ROAD

2. NABARD :

Few Rural Roads are taken up with loan availed from the National Bank for Agriculture and Rural Development (NABARD). Under this scheme, the state PWD is having the following projects. The achievements during the reported year are given below:

Scope of the work for NABARD : The scope of the projects is for increasing the Agricultural Plantation and their Marketings. The present funding pattern for all of the projects is 90:10, which means 90% of the project cost is borne by NABARD and only 10% of cost is borne by the State. Under this scheme, the State PWD is having the following projects and are as follows :

Rs in Lakhs

Sl. No.	Name of Works	Length in kms/Bridge in mtrs	Sanction Amount	Achievement upto 31st March, 2016		Remarks
				Phy	Fin	
1	2	3	4	5	6	7
1	Pavement of Muallungthu - Khumtung Road (11.60 - 33.50 kmp=21.90 kms)	21.90	1,971.06	60%	1523.00	Decided to be completed in the coming working season
2	Improvement and Widening of Suangpuilawn to Zawngin Road within Mizoram	13.15	1780.21	50%	378.00	Work in Progress
3	Formation cutting & Pavement of Zote - Chhiphir Road (0.00 - 9.480 Kp)	9.48	1,103.31	50%	320.00	Work in Progress
4	Construction of Laki - Vahai Road (0.00 - 20.00 Kmp)	20.00	2,170.00	60%	1298	Work in Progress
5	Construction of Pavement on R. Tuichang - Tumtukawn (10.50 - 52.00 kmp) on Hnahthial - Thingsai Road	41.50	3,934.00	40%	593.00	Work in Progress
6	Pavement work of Chuhvel - Sihthiang Road	11.00	959.53	30%	196.00	Work in Progress
7	Strengthening and Improvement of Ngopa to Mimbung Road (L=52.50 kms).	52.50	1800.00	0%	207.00	New Sanction
8	Improvement of Thuampui S – S Lungdai- Serte –Sertlangpui road	27.00	3048.30	0%	0.00	New Sanction
9	Construction of Hualngohmun to Samtlang Road		1784.00	0%	0.00	New Sanction
10	Improvement of Ramrikawn to PTC upto NH-54.	7.50	932.00	0%	0.00	New Sanction
11	Construction of Built-up Steel Girder Bridge over R.Peka Lui on KDZKT road	25.00	400.00	0%	0.00	New Sanction

12	Construction of Built-up Steel Girder Bridge on Saitual-Phullen road over Tuivawl River		928.00	0%	0.00	New Sanction
13	Construction of Built-up Steel Girder Bridge over R. Teirei on Bairabi to Zamuang road	80.00	1366.00	0%	0.00	New Sanction
14	Construction of Built-up Steel Girder Bridge over R. Chengkawllui on Khadacherre-Zamuang-Kawrtethawveng-Tuilutkawn road	40.00	553.00	0%	0.00	New Sanction
Total		197.03	16,812.20		6,202.14	

**PHOTOGRAPHS OF SUANGPUILAWN-ZAWNGIN ROAD
(FORMATION CUTTING)**



Muallungthu - Khumtung Road Pavement

3. N.E.C :

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 (2014-15).

Rs in Lakhs

Sl No	Name of Work	Estimated Amount		Achievement upto 31st March, 2016		Remarks
		Approved Cost	Revised cost	Physical	Financial	
1	2	3	4	5	6	7
1	Construction of Saitual-Saichal-NE Bualpui Road (36.60Kms)	3343.60 27/9/2004	4097.00 16/9/2011	100%	3982.17	completed
2	Upgradation of Bairabi - Zamuang road (30.00 Kms)	3391.00 27/10/2004	3768.05 16.9.2011	100%	4242.50	completed
4	Upgradation of Thanlon - Singhat (Ngopa-Tuivai) Road (43.40 Km)	6767.00 17/8/2010	-	90%	6444.44	Work in progress
5	Upgradation of Serkhan - Bhaga Road (115.20 Km)	14603.00 29/11/2011	14863.00 29.01.2014	70%	10166.66	Work in Progress
6	Upgradation of KDZKT Road (88.50 Kms)	13470.00 9.1.2013	17963.00 20.02.2015	5%	5333.33	Work in Progress
7	Construction of Tlabung-Kawrpuchhuah Road L=16.42 kms	1416.00	1494.00	100%	1494.00	Completed



4. NLCPR :

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 :-

Sl.No	Name of Work	Sanction Amount	Achievement upto 31st March, 2017		Remarks/ Date of commencement
			Phy	Fin	
1	2	3	4	5	6
1	i) Construction of Bailey Bridge over R. Tuisa on Kawlbem-Vaikhawtlang Road (40.00m)	247.68	100%	173.45	Physically completed on 18.10.2014
	ii) Construction of Bailey Bridge over R. Lunghmullui on Lengpui-Serzawl Road (50.00m)	190.50			Completed
	iii) Construction of Bailey Bridge over R. Tuikum on Chhingchhip-Hmuntha Road (40.00m)	211.24	100%	150.31	Physically completed on 7.3.2015
2	Construction of Bamboo Plantation Link road from Saiphal - Hortoki (0-27 Km)	1299.67			12 months from the date of release of balance fund
3	Construction of Bamboo Plantation Link road from Tuirial Airfield to Bukpui (0-40 Kms) Ph-I	2239.00			12 months from the date of release of balance fund
4	Construction of Bamboo Plantation Link road from Tuirial Airfield to Bukpui (40-84 Kms) Ph-II	2512.00			12 months from the date of release of balance fund
5	Construction of Road from Chuhvel to Sihthiang in Mizoram (0.00-11.00 Km)	223.53			completed
7	Construction of Khanpui - Tualbung Road Phase - I (0.00-7.00 Km)	197.21	84%	138.12	31.3.2017 subject to availability of fund.
8	Construction of Jeepable suspension bridge over R. Chhimtuipui at Darzokai	216.21	100%	211.97	31.7.2016.
9	Construction of Sihpui - Thuampui road in Mizoram (4.40 Km)	248.23			30.6.2016
11	Construction of approach road to Tuivai from Mimbang and approach road to Godown at Kawlkulh (0.00-14.50 Km)	367.09	83%	227.34	31.3.2017 subject to availability of fund.
12	<u>GAD, Aviation Wing</u>				83319361
	Construction of 10 Nos. of Helipads in Mizoram.	258.2			Revised target date of Completion 31.12.2016
	1) Champhai	56.30	91%	167.13	14.12.2015
	2) Kolasib	6.32			2.4.2015
	3) Lunglei	6.59			17.4.2015
	4) Mamit	25.46			20.8.2015
	5) Hnahthial	6.56			17.4.2015
	6) Saitual	53.88			20.11.2015
	7) Serchhip	36.27			30.11.2015
	8) Thenzawl	57.14			
	9) Saiha	8.10			21.3.2015
	10) Lawngtlai	1.58			27.2.2015



Construction of Helipad at Saitual





5. Inter State Road Connectivity (ISC) :

Scope of the work for CRF and EI&ISC : 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.

These schemes are funded by the Ministry of Shipping, Road Transport & Highways, Govt. of India. The funding pattern is 100 percent. Under ISC schemes, the Mizoram PWD is executing the following 100% central funding project:-

Sl. No.	Name of Works	Length (in kms)	Sanction Amount	Achievement as on 31.03.2017		Remarks
				Physical	Financial	
1	2	3	4	5	6	7
1	Improvement of existing MDR from Tuipuibari – W. Kawnpui Road	18.00	2,379.06	0%	0.00	Revised Estimate of the Project being prepared as per instruction of MoRTH, GOI.

6. Central Road Fund :

This 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.

Sl. No	Name of Works	Length (Km) / M (for Bridge)	Amount of A/A (in lakhs)	Amount of Technical Sanction (in lakhs)	Date of sanction	Financial & Physical Progress on 31st March, 2017 in %			Remarks
						Fin	During the year	Total Physical Progress	
1	2	3	4	6	7	8	9	10	11
1	Strengthening and Improvement of Aizawl-Reiek - W.Lungdar Road from km 0/00 to km 37/00	37.00	1156.00	1156.00	21.2.2014	929.00	0%	100%	Work Completed
2	Strengthening & Improvement of Tuipui-Biate Road (L=22.00km) from km 92.40 to km 114.40	23.20	880.00	880.00	21.2.2014	880.00	0%	100%	Work Completed
3	Construction of Pre-stress Concrete Girder Bridge over R. Borailui at Ch : 18.470 kmp on KDZKT Road	35.00	579.73	579.73	23.3.2016	58.00	10%	10%	Work in progress
4	Construction of PSC Bridge (40m span) over R. Tlawng on Aizawl to Reiek W.Lungdar Road at km 14.80	40.00	757.56	757.56	23.3.2016	76.00	5%	5%	Work in progress
5	Construction of double lane PSC Bridge (68 m span) over R.Tuichang on Keitum - Artahkawn Road.	68.00	754.75	754.75	23.3.2016	75.00	5%	5%	Work in progress
6	Construction of RCC T-Beam Girder Bridge (48 m span) over R.Serlui on Bilkhawthlir - Saiphai - Natasura Road at km 13.80 under Central Road Fund (CRF)	48.00	900.00	900.00	23.3.2016	90.00	20%	20%	Work in progress
Total			5,028.04	5,028.04		2,108.00			

TUIPUI BIATE ROAD (92.400 - 115.600 KM)



BLACKTOPPING 113.500 KMP



BLACKTOPPING 102.200 KMP



SIDE DRAIN 109.600 KMP



BLACKTOPPING 97.750 KMP

Pictures of Some City Roads



**Strengthening & Improvement of AIZAWL - REIEK - W. LUNG DAR Road under CRF (L=37 kms).
Other pictures of Roads (City, District, Town, Rural Roads, etc.)**



Repair of Pot Holes and Bad stretches on Bungkawn to Lawipu Road



Repair of Pot Holes and Bad stretches on Mission Vengthlang Damphei to Tlawng Road



Resurfacing of Maubawk to Nursery Road



Repair of pot holes and resurfacing of Approach Road to Bethlehem Vengthlang Field



Restoration of collapsed road width by Constn of R/W on ITI to Aizawl bypass Rd near Pi Laltluangi's House, ITI Veng



Constn of R/W on Bethlehem Vengthlang to Armed Veng road near Bethlehem Tuikhur



Pavement of PWD Labour Camp & Work Site at New Secretariat Complex



Restoration of Side Drain in front of Fire Sub Station, Khatla & Construction of RCC Slab Culvert including Link Drain at Ch: 0.850 kmp on MHNL - I below Lai House

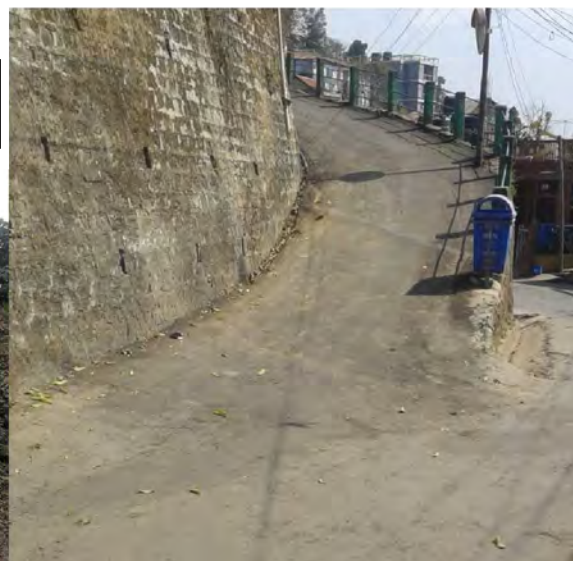


Resurfacing of approach Road to ICDS Complex at Tlangnuam.

Construction of Retaining Wall on Melthum - Samtlang - Lungleng Road at Ch. 4.400 Kmp



Vaivakawn to Ropaiabawk





Patch Repair of Melthum - Samtlang - Lungleng Road. (Samtlang - Khankawn = 3.800 Kms



Resurfacing of approach road to Kulikawn to Saikhamakawn via Hridaikawn.(Widening Portion.)



Vaivakawn to Chawnpui road

Chawnpui to 7th Day Tlang Road



Other Pictures of Rural Roads

Construction of Mimbang - Tuivai Road under NLCPR



6.350 Kmp



Siachangkawn-Vawmbuk Road



Kawlchaw-Serkawr Road



Serkawr-Tuipang 'L' Road



Laki-Vahai Road under NABARD



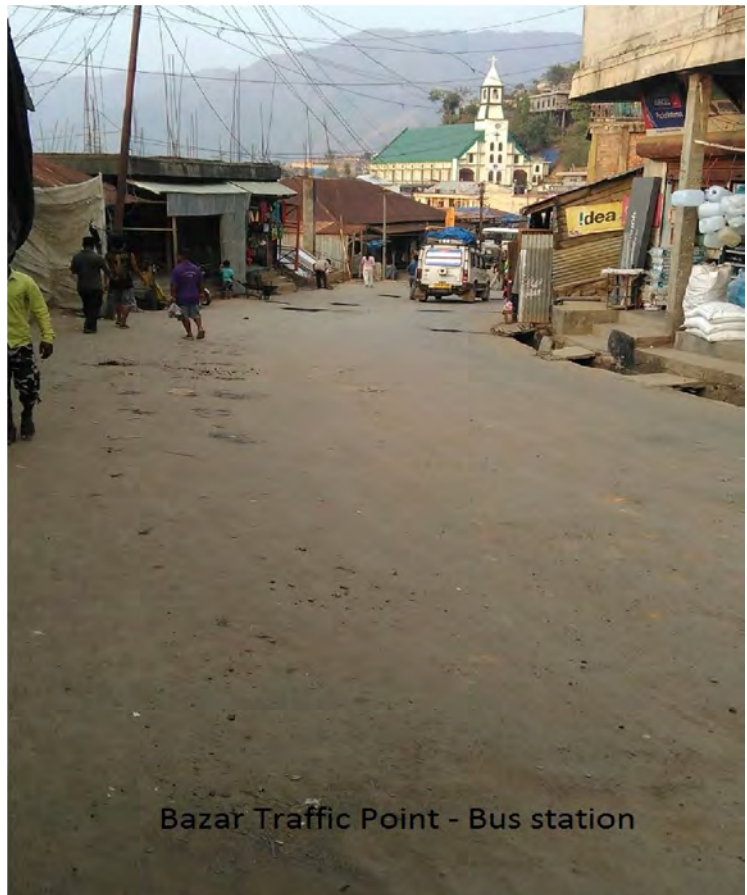
Vetykawn - UPC Church



Meisatla - NH 502



Bazar Traffic Point - DC Bungalow



Bazar Traffic Point - Bus station



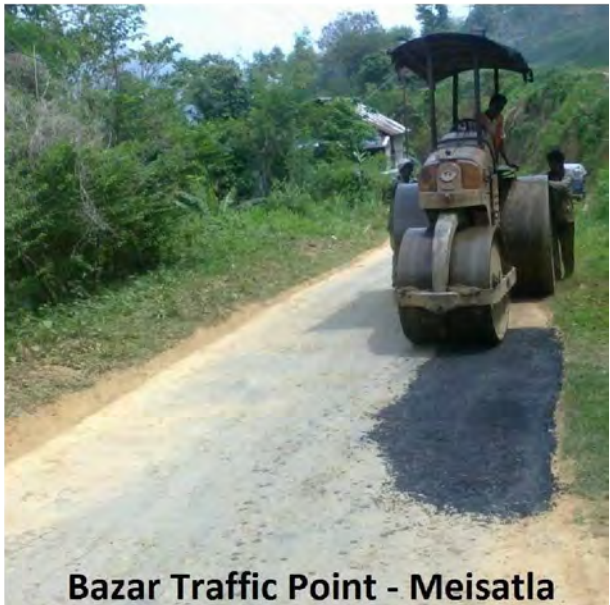
Treasury - Council veng road



Bazar Traffic Point - Meisatla



Resurfacing of Govt Siaha College



Bazar Traffic Point - Meisatla

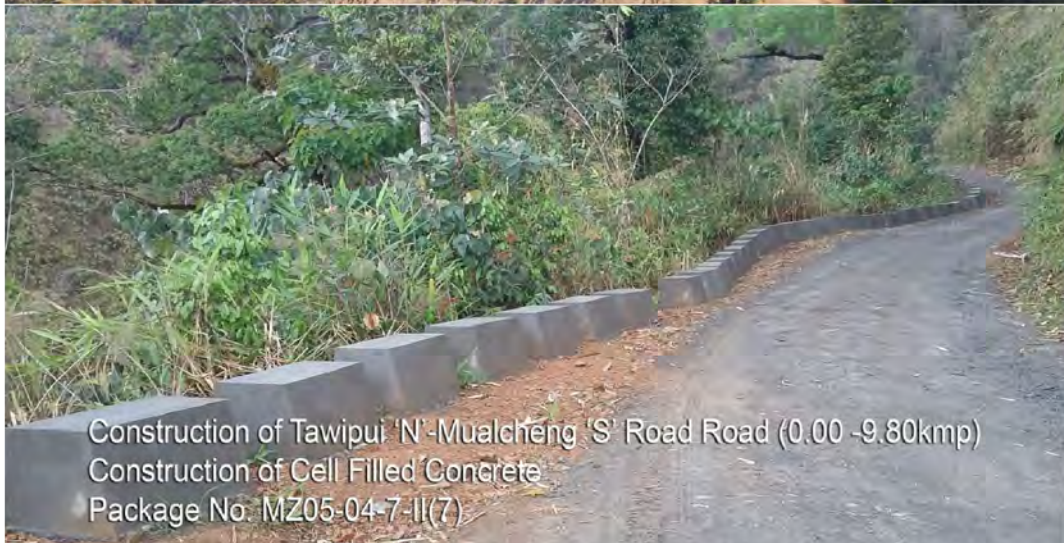
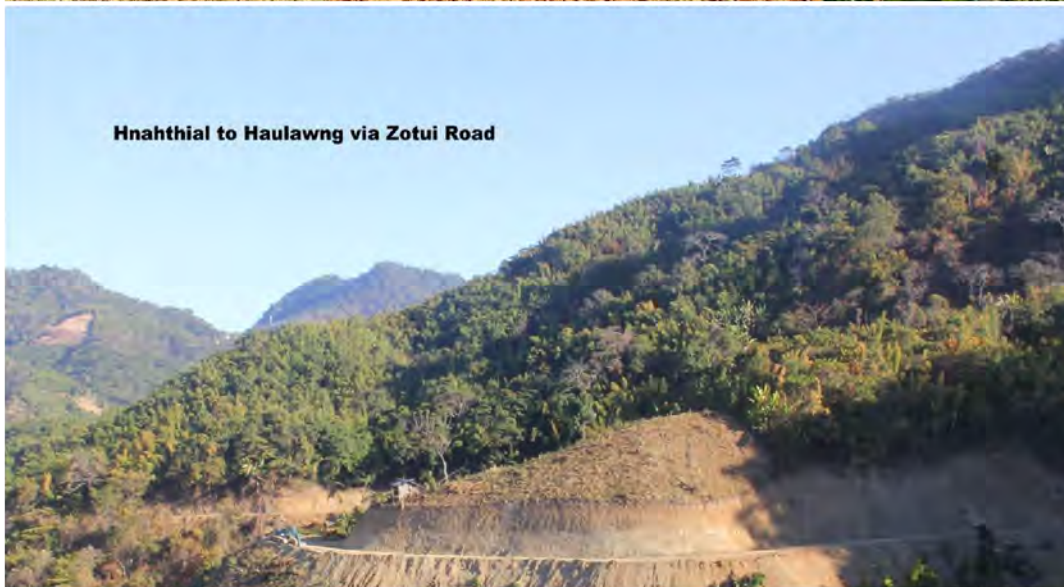
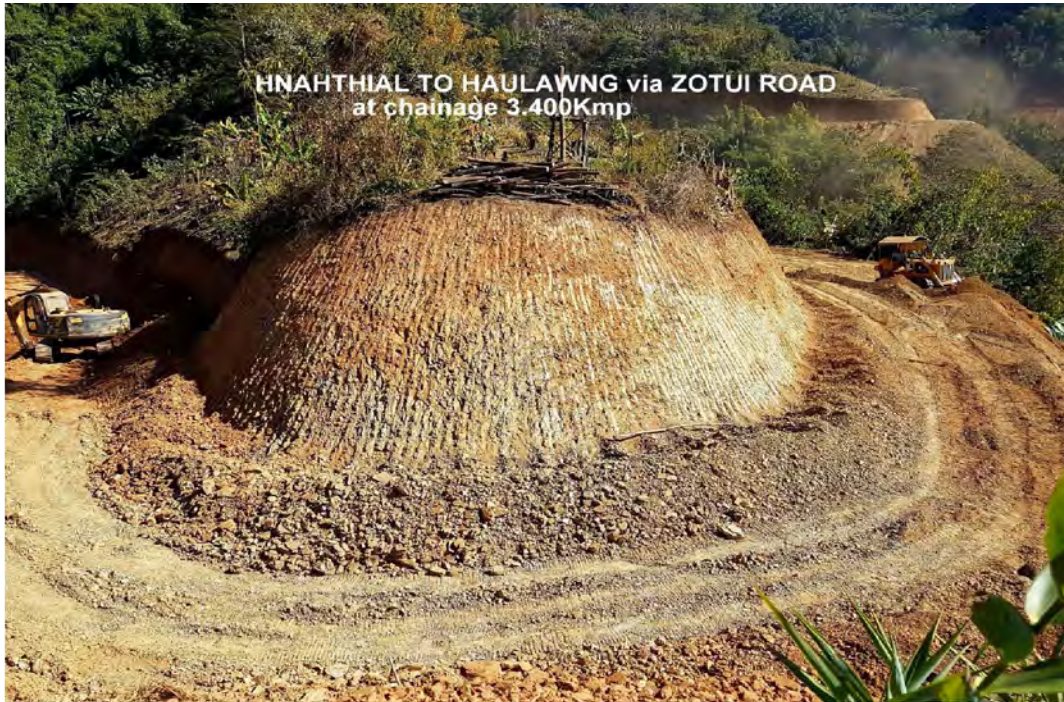
Improvement of Phairuang - Thenhlum via Zawlpui road (NEC).

Phairuang to Thenhlum road at 68.500 kmp (After repairing)



Phairuang to Thenhlum road at 68.500Kmp (Before Repair)

PMGSY works under Lunglei Division :





Construction of Chhawrtui-Vanchengpui road Package No. MZ-08-02-7-11(6)

**CONSTRUCTION OF TAWIPUI 'N' - MUALCHENG 'S' ROAD (0.00 - 9.80 KMP)
CONSTRUCTION OF CELL FILLED CONCRETE PACKAGE NO. MZ05-04-7-II(7)**



Construction of Tawipui 'N'-Mualcheng 'S' Road Road (0.00 -9.80kmp)
Construction of Cell Filled Concrete
Package No. MZ05-04-7-II(7)

PMGSY works under Khawzawl Division



Chhawrtui-Vanchengpui Road



Chhawrtui-Vanchengpui Road

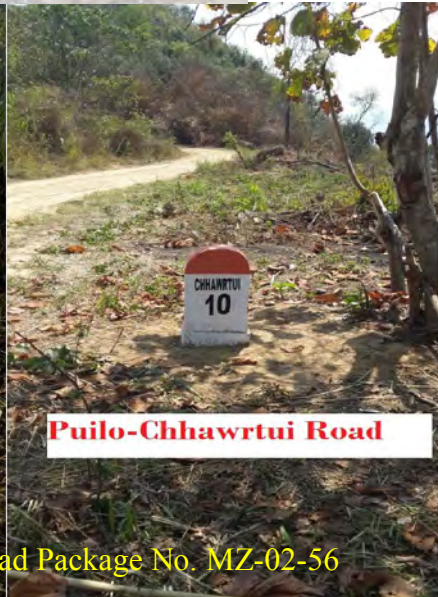


Construction of Chhawrtui-Rullam road Package No. MZ-02-63

Chhawrtui - Rullam Road



Puilo - Chhawrtui Road



Puilo-Chhawrtui Road

Construction of Puilo-Chhawrtui road Package No. MZ-02-56



Lungpho - Hmunzawl Road



Lungpho-Hmunzawl Road

Construction of Lungpho-Hmunzawl road Package No. MZ-08-02-7-11(5)

Works under Hmuifang Division



Sialsuk Approach Road



Tachhip Approach Road (Cell filled Concrete)

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 being taken up.

The following list of National Highways is entrusted to Mizoram, PWD:

1. **NH-54 (Lailapur-Tuipang):** The NH-54 in Mizoram starts from Lailapur at 40.30Kmp upto 562.00Kmp at Tuipang, Silchar being the zero point . The road passes through many villages and towns, starting from the Northern end of Mizoram and travelling all through the State in the central part of Mizoram and ends in the southern end of the State. After reduction of road from Silchar to Lailapur is 40.30 kms. *The road between Lailapur to Tuipang is 522.00 kms to be undertaken by State PWD.*
2. **NH-54 'A' (Hrangchalkawn-Lunglei):** The NH-54 'A' takes off from Hrangchalkawn of NH-54 in Mizoram upto Lunglei in the South. *The total length of the NH-54 'A' in Mizoram is 8.50 kms.*
3. **NH-54 'B' (Zero Point-Saiha):** The NH-54 'B' takes of from Zero point (122.00 kmp from Lunglei Town) of NH-54 in Mizoram upto Saiha in the south. *The total length of the NH-54 'B' is 27.380 kms.*
4. **NH-154 (Bilkhawthlir-Bairabilui):** The NH-154 in Mizoram takes off from NH-44 at Panchgram in Assam and connects NH-54 at Bilkhawthlir in Mizoram. The total length of the NH-154 is 147.00 km. Of which 89.00 kms is in Assam and *the remaining length of 58.00 kms is within Mizoram.* The road passes through as many as 6 villages or towns in the Mizoram State.
5. **NH-150 (NH-54 near Phaibawk-Sesawng-N. Vervek-Tuivai):** The NH-150 takes off from NH-54 near Seling at 38.00 kms and runs northwards connecting Manipur at Tipaimukh (R.Tuivai). *The length of the NH in Mizoram is 140.00 km and passes through as many as 12 villages or towns.*
6. **NH-44A (Sairang-Langkaih):** The NH-44A is bifurcated out from the existing NH-54 near Sairang village at about 19.00 kms from Aizawl and runs westward connecting Manu in Tripura. *The total length of the NH-44A in Mizoram is 114.618 km.* The road passes through as many as 11 villages or towns.
7. **NH-502A KMMTTP (Lawngtlai-Zocha River) : (Kaladan Multi Modal Transit Transport Project):** The proposed Project Road takes off from 473.20kmp of NH-54 at Lawngtlai Town, running towards Southern direction up to R.Zocha (Indo-Myanmar border). The alignment of the Project road mostly follows the hill ranges that run in the north-south direction, passes through frequently cultivated jhum lands in majority of the project corridor. It crosses Lawngtlai Diltlang Parva (LDP) Road which runs towards south-west from Lawngtlai town up to Parva village near the Lawngtlai town at Chainage 4.600 Km. It also crosses Nalkawn Chamdur Valley (NCV) road. These two roads are the important economic and agricultural link roads of the area. The project road also passes through two villages, viz., Saizawh East and Zochachhuah. *The length of the road is 90.82 Km.*

8. **NH-102B (Keifang-Saichal-Ngopa-Tuivai)**: The NH-102B is a newly declared National Highway vide Gazette notification No. S.O. 395(E) Dated the 7th March, 2012 and is entrusted to the State Government vide Gazette notification No. 548(E) Dated the 17th February, 2015. The National Highway takes off from Keifang of NH-54 in Mizoram upto Manipur Border through Tuivai. *The total length of the NH-102B is 109.00 kms.*
9. **NH-302 (Lunglei-Tlabung-Tlabung(Kawrpuchhuah))**: The NH-302 is a newly declared National Highway vide Gazette notification No. S.O. 839(E) Dated the 4th March, 2014 and is entrusted to the State Government vide Gazette notification No.548(E) Dated the 17th February, 2015. The National Highway starts from Lunglei and terminates at Tlabung (Kawrpuchhuah). *The total length of the NH-302 is 94.00 kms.*
10. **NH-306A (Vairengte-Zohmun-New Vervek)**: The NH-320A is a newly declared National Highway vide Gazette Notification No. S.O. 2232(E) Dated the 5th Sept.2014 and is entrusted to the State Government vide Gazette notification No.548 (E) Dated the 17thFebruary, 2015. The National Highway takes off from Vairengte of NH-54 in Mizoram upto New Vervek via Saiphai and Zohmun. *The total length of the NH-306A is 100.00 kms.*
11. **NH-6 (Seling-Champhai-Zokhawthar)**: The NH-6 is a newly declared National Highway vide Gazette notification No. S.O. 839(E) Dated the 4th March,2014 and is entrusted to the State Government vide Gazette notification No.548(E) Dated the 17th February, 2015.The National Highway takes off from Seling of NH-54 in Mizoram upto Champhai (Zokhawthar). *The total length of the NH-6 is 150.00 kms.*

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/Scheme	Sanctioned Estimate (lakhs)	Cumulative achievement from the beginning of the work		Remarks
			Phy.	Fin.	
1	2	3	4	5	6
1	Geometric improvement of curves on NH-44A, Sairang to Lengpui Km 0/00 - Km 11/00 (Job No.54-MZ-2011-12-68)	488.80(O) Dt.31.3.12	100%	426.52	Work completed
2	Feasibility Study and preparation of DPR In-House for re-alignment of NH-150 Km 0/00 to Km 60/00 in the State of Mizoram. (Job No.150-MZ-2008-09-050)	37.42(O) Dt.2.1.09	90%	32.32	Expenditure is excluding 9% Agency charge
3	Feasibility Study and preparation of DPR In-House for re-alignment of NH-150 Km 60/00 to Km 140/00. (Job No.150/MZ/2009-10-060)	58.20(O) Dt.11.11.09	80%	49.32	Expenditure is including Agency charge

4	Land Acquisition for 2 laning on NH-150 from km 34/50 to 62/80 (corresponding to km 28.50 to 60.00 of existing NH) in the State of Mizoram. (Job No.150-MZ-2009-10-064)	786.00(O) Dt.31.3.10	50%	391.43	Bill for Forest Clearance is submitted to R.O office vide No.G-27032/8/14/NHD -II/5 Dt. 10.6.2014
5	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%	196.81	Expenditure is excluding 9% Agency Charge. Mobilization Advance fully recoved
6	Improvement of Sharp curves /accident prone location on stretches between Km 61/00 - Km 128/00 (27 locations) on NH-150 in the state of Mizoram. (Job No.150-MZ-2013-14-78)	104.51(O) Dt.5.12.13	100%	92.05	Expenditure is excluding 9% Agency charge
7	Construction of lined side drain within Aizawl City between Km 177/00 and Km 183/00 and Box Culvert at Km 177/00 on NH-54 during 2013-14 in the state of Mizoram. (Job No.054/MZ/2013-14-79)	213.06(O) Dt.6.12.13	100%	204.85	Works completed
8	Rehabilitation of Sinking area at Saiha Town (Km 24/000 to 27/380) on NH-54B in Mizoram (Job No. TA-054B-MZ-2013-14-086)	389.00(O) Dt.23.12.13	100%	373.53	Work Completed
9	Improvement of Accident prone locations at Km 5/500, 19/600 & 21/250, Km 7/595, Km 7/600, Km 12/450, Km 20/700 on NH-54'B' in the state of Mizoram. (Job No.054-MZ-2013-14-077)	226.80(O) Dt.6.12.13	100%		Work Physically Completed and payment fully made.
10	Strengthening with Geometric improvement from Km 520/000 to 562/000 (Selected Stretches)	1935.91	100%	608.11	Work completed, payment not fully ddone.
11	Reconstruction of 2.00 m span slab culvert at km 175/100km,186/500 km,239/850km,243/350km, 273/300km, 273/800km,276/990 km,277/200km, 277/500km,277/800 and reconstruction of 3.00 m span slab culvert at km 249/600 and Km 288/900 between km 153/00 to km 306/00 on NH-54 in the State of Mizoram. (Job No.54-MZ-2014-15-093)	249.85(O) Dt.19.2.15	100%	187.73	Works completed
12	Reconstruciton of Pipe Culverts using NP-4,1.20 m dia, HumePipe Culvert at km 3.75, km 5.75, km 3.975, km 7.979, km 8.2 and Re-	110.40(O) Dt.31.3.15	100%	78.85	Work physically completed

	construction of 1.5 m span Slab Culvert at km 1.225 and 2.00 m span culvert at km 5.35 of NH-54A in the State of Mizoram. (Job No.054A-MZ-2014-15-096)				
13	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%	185.34	Sanction for supplementary work i.e reconstruction collapsed culvert at km 416.150 is being awaited.
14	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	92%	1442.16	Work in progress
15	Construction of High level Pre-stressed concrete bridge over R. Tlawng at Km 5/220 on NH-44 'A' (Job No.044A-MZ-2008-09-052)	795.89(O) Dt.2.3.09	64%	357.90	Consultancy services in progress
16	Construction of High level Pre-stressed 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%	1548.30	Work is completed on 31.12.2016
24	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	15%	0	WBM work in progress
17	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.	1856.11			Retender in progress
18	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.	2068.00			LOA to be issued.
19	Road safety works like Signage, Culverts, etc. on NH-302 for the year 2015-16 in the State of Mizoram.	963.35			LOA to be issued.
20	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.	90.09			LoA issued to PC Lalthantluanga
21	Diversion of collapsed formation at Km 260.40 - Chhingchhip village on NH-54 for the year 2015-16 in the	225.02 Dt.29.3.16			Kept in abeyance as per court order

	State of Mizoram. Job No. 54/MZ/2015-16/98)				
22	Rehabilitation of Mat PSC Bridge for 98.70m span on NH-54 at km 377.20 for the year 2015-16 in the State of Mizoram. Job No.54/MZ/2015-16/99	33.00 Dt.31.3.16	100%	24.16	Work physically completed
23	Rehabilitation of Maudarh RCC Bridge for 12.20m span on NH-54 at Km 373.678 for the year 2015-16 in the State of Mizoram. Job No.54/MZ/2015-16/100	30.15 Dt.31.3.16	100%	0.00	Work physically completed

B. Progress of Projects under SARDP-NE :

						<i>(Rs. in crore)</i>
Sl.No.	NH.No.	Name of Work/Scheme	Sanctioned Estimate (in lakh)	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)	43%	328.6 7	Work in Progress
2	54	2-Laning of NH-54 from Km 118/00 to Km 133/00 (15Km) in the state of Mizoram under SARDP-NE Phase 'A'	61.71(O) 84.53(R)	100%	98.33	works completed on 1st Nov.,2015.
3	54	2-Laning of NH-54 from Km 133/00 to Km 147/789 (14.789Km) in the state of Mizoram under SARDP-NE Phase 'A'	67.57(O) 87.46(R1) 94.18(R2)	100%	85.57	Works Completed on 30th May,2014.
4	154	Widening to 2-lane with Geometric Improvement of NH-154 from Km 119/00 to Km 147/00 in Mizoram. Job No. SARDP-NE/NH-154/MZ/PWD/2008-09/95	86.549(O) 97.241(R)	100%	94.98	Physically completed on 30.12.2015. But financially there is liabilities for payment of contractor bill.
5	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® 377.99(R)	57%	205.6 3	Recutting in progress

6	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)	77%	220.4 7	Milestone-III (70%) by March 2017 as per RCE-II, Original TDC by Sept 2014 Revised TDC by 30 June 2018 as per RCE-II.
7	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)	62%	166.3 1	Physical and financial progress is calculated based on RE-II

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

<i>(Rs. in lakh)</i>					
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	85%	0.00	Work in progress
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	28%	0.00	Work in progress
3	PR of NH-54 between Km 70/00 - Km 95/00 in the state of Mizoram. Job No.TA-054-MZ-2013-14/80	1277.39(O) Dt.18.9.13	100%	1133.06	Completed
4	IRQP on NH-54 between Km 95/00 - Km 118/00 in the state of Mizoram. Job No TA-054-MZ-2013-14-74	2610.78(O) Dt.26.9.13	100%	2442.80	Completed
5	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	79%	1610.17	Work in progress
6	IRQP of NH-54A between Km 0/00 to Km 8/500 in Mizoram. Job No.TA-054A-MZ-2013-14-090	493.04(O) Dt.31.3.14	100%	395.25	Work completed
7	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	60%	292.04	Work in progress
8	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	25%	192.00	Work in progress

9	IRQP from Km 80/00 to Km 110/00 (Length = 30.00 Km) on NH-6 (Kawlkuh to Khawzawl) during 2015-16 in the State of Mizoram. Job No. TA-6-MZ-2015-16/88	1595.71	0%	0.00	Mobilization in progress
10	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	82%	841.68	Expenditure is excluding 9% Agency charge.
11	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	15%	0.00	Work in progress
12	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	1447.00	0%	0.00	LoA to be issued to PC Lalthanthuami



Periodic Renewal from Km 0/00 - Km 42/80 on NH - 150

NH Division-I:

1	Upgradation of Lengpui Airport in Mizoram	2481.26	96%	1403.58	30.6.2017 QPR Dec 17
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Multi Modal Project Division – II. Physical 77%, Financial 75% completed.



Package-II: Completed DBM & BC



CONSTRUCTION OF GABION WALL AND RRM AT CH: 52/300 UNDER PACKAGE-II





FORMATION CUTTING AT CH:51/250



CONSTRUCTION OF RRM AT CH:54/650 UNDER PACKAGE-II



KMMTTP ROAD, PACKAGE-II (34.594 KMP-60.374 KMP, LENGTH = 25.780KMS)

55.150 KMP RRM WINGWALL UNDER PACKAGE-II AND COMPLETED BOX CULVERT

NAME OF WORK : CONSTRUCTION OF A NEW-2 LANE HIGHWAY FROM KM 0.00 (ON NH-54 NEAR LAWNGTLAI) TO KM 38.00 (CROSSING WITH GS ROAD) (LENGTH=38 KM) IN MIZORAM TO SUPPORT KALADAN MULTI MODAL TRANSIT TRANSPORT PROJECT IN PHASE 'A' OF SARDP-NE IN THE STATE OF MIZORAM. Agreement Amount Rs 298.18 Cr. Pavement Length = 34.59 kms. Works in progress



KMMTTP - PACKAGE-1

LOCATION : LIAPHA HMP SITE



KMMTTP - PACKAGE-1

CHAINAGE : 2/450 KMP (RCC COUNTERFORT R/WALL IN PROGRESS)



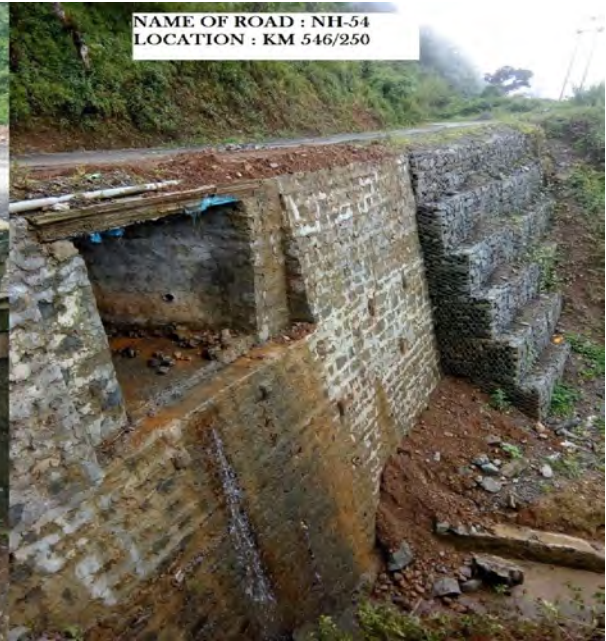
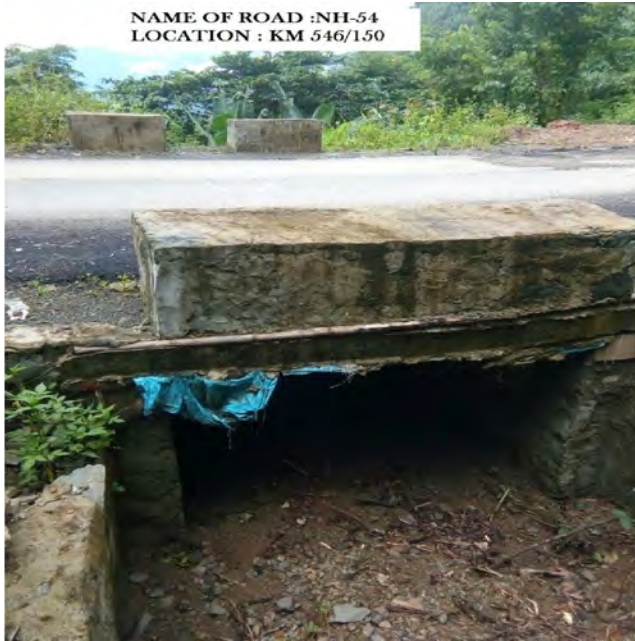
NAME OF WORK : STRENGTHENING WITH GEOMETRIC IMPROVEMENT FROM KM 520/000 TO KM 562/000 ON NH-54 IN THE STATE OF MIZORAM



NAME OF ROAD : NH-54
LOCATION : KM 535/150



NAME OF ROAD : NH-54
LOCATION : KM 561/990



NAME OF WORK : IRQP FROM KM 475/000 TO KM 520/000 OF LUNGLEI TO TUIPANG SECTION ON NH - 54 IN THE STATE OF MIZORAM



NAME OF ROAD :- NH-54
CULVERT LOCATION :- Km
494/350



NAME OF ROAD :- NH-54
LOCATION :- Km486/250





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 ORGANISATIONAL SET-UP :

The Chief Engineer (*Buildings*), as stated above, is responsible for the construction of new buildings and maintenance of the existing Government buildings within and outside the state of Mizoram. In addition, maintenance of roads within Aizawl City is also entrusted to the Chief Engineer (*Buildings*).

In the main office, the Chief Engineer (*Buildings*) is assisted in planning and monitoring by a Superintending Engineer (*Planning & Works*), Executive Engineer (*Planning & Works*), Executive Engineer (*Design & Research*) with supporting technical officers and staffs. In addition, there are Account staffs (*headed by Finance & Accounts Officer*) and Ministerial Staff (*headed by Deputy Director of Administration*) to assist the Chief Engineer in Financial Control and Administration.

To execute the Architectural Drawings (*prepared by Chief Architect's Office of the Engineer-in-Chief's Office*) and the Structural Drawings (*prepared by the Design Cell of the Chief Engineer (Buildings) Office*), there is a working circle, namely Project Circle, with its office at Treasury Square and headed by a Superintending Engineer, assisted by four (4) Working Divisions.

Chief Engineer (*Buildings*) also takes care of Maintenance of Government Buildings constructed by PWD within and outside the state of Mizoram and maintenance of roads within Aizawl City This task is headed by the Superintending Engineer, Building Circle assisted by three working Divisions.

The Executive Engineer, Buildings Division look after the maintenance of P.W.D. constructed buildings within Aizawl and the 2(two) road Divisions under Building Circle are entrusted with Maintenance of Roads within Aizawl city.

In connection with the tasks entrusted to the Chief Engineer (*Buildings*), there are two specialised jobs wherein specialised line of engineering is required i.e. Electrical and Mechanical Engineering for which one Working Circle, namely Mechanical Circle functions with its headquarters at Laipuitlang, Aizawl. All buildings constructed and maintained by the Project Circle and Building Circle requires Electrical Engineers for internal wiring and their maintenance for which there are two working Electrical Divisions. Under the same Circle, there is one Mechanical Division to look after the repair and maintenance of Departmental Heavy Machineries and Equipments in Roads and Buildings works.

2.0 ACHIEVEMENT OF CHIEF ENGINEER (BUILDINGS) :

3. Building Division Lunglei :

STATE PLAN (SPA)

Sl. No	Name of Work/Scheme	Estimate Amount (lakhs)	Expenditure during the year (lakhs)	Cummulative Expenditure (lakhs)	Present Status
PUBLIC WORKS DEPARTMENT					
1	Construction of PWD Staff Quarter Type-II (4 Units) at Chanmari, Lunglei.	100.10	84.26	92.09	Work physically Completed
POLICE DEPARTMENT					
1	Construction of Police Station Building at Vaseikai	79.14	78.40	78.40	Work physically Completed
2	Construction of Police Station Building at Bunghmun	78.39	72.87	72.87	
HEALTH & FAMILY WELFARE DEPARTMENT					
1	Construction of PHC Building at Haulawng	106.34	87.99	105.33	Work physically Completed
2	Construction of PHC Building at Zobawk	126.76	80.00	121.31	
3	Construction of PHC Building at Bunghmun	106.34	98.53	99.33	
SPORTS & YOUTH SERVICES DEPARTMENT					
1	Construction of Indoor Stadium at Chanmari, Lunglei	495.80	367.62	367.62	Work physically Completed

4. Project Division-I :

SI/No	Name of Work	Estimated Amount	Physical Progress	Financial Progress	Remarks
1	2	3	4	5	6
1	Construction of Office Building for Minor Irrigation at New Secretariat Complex, Aizawl.	754.22	Completed and handed over to client Deptt.	754.22	
2	Construction of Aizawl West College at Dawrpui Vengthar, Aizawl.	135.61	Civil works completed, I/E ongoing	117.85	
3	Construction of Additional Civil Secretariat Building at New Secretariat Complex, Khatla	2000.00	89%	1416.20	
4	Construction of Chief	223.84	94%	175.18	

	Justice Quarters Type-VIII at Aizawl				
5	Construction of Judges Qtr Type-VIII (Block-II) at Aizawl	248.18	98%	212.44	
6	Construction of District Court Building at New Secretariat Complex, Aizawl	2429.05	30%	342.12	

5. Project Division-II :

Sl.No.	Name of Work/Scheme	Estimate Amount (lakh)	Expenditure during the Year (lakh)	Cumulative Expenditure (lakh)	Status as on March, 2017
1	2	3	4	5	6
I	LAW AND JUDICIAL DEPTT				
1	Construction of Judicial Officer's Qtr. at Kolasib	502.73	28.23	313.63	
	i) Construction of Judicial Staff Qtrs. Type-II (4 units) at Kolasib				100%
	ii) Construction of Judicial Officers Qtrs. Grade-III 2 units				0%
	iii) Construction of Judicial Staff Qtrs. Type-1 4 units				0%
	iv) Construction of Internal Road (Pavement work, side drain & Retaining Wall)				100%
	v) Construction of Bounder (Barbed wire) Fencing, Steel Gate and Sentry				100%
II	GAD DEPTT				
1	Construction of 2nos. DC Staff Qtrs. (Type-IV) Block A at Mamit	132.58	111.76	111.76	95%
2	Construction of 2nos. DC Staff Qtrs. (Type-IV) Block B at Mamit				95%
3	Construction of 2nos. DC Staff Qtrs. (Type-II) 2 units at Mamit				95%
4	Construction of SDO (Civil) Staff Qtrs. at Thenzawl	100.25	25.00	65.00	95%
5	Construction of Type-II 2 units for SDO (Civil) at Thenzawl				
III	TRADE AND COMMERCE				

1	Construction of Market Building at Vairengte	387.65	151.30	151.30	98.50%
IV	HIGHER AND TECHNICAL EDUCATION DEPTT				
1	Construction of MICE School Building at NSC	46.00	25.02	27.55	100%
2	Construction of Boys Hostel for Govt. Zirtiri Residential Science College at Durtlang Leitan	85.16	1.07	75.66	98%
3	Construction of Library Building for Govt. Zirtiri Residential Science College at Durtlang	144.44	40.72	140.87	100%
4	Construction of Main Building Block-I Govt. Zirtiri Residential Science College at Durtlang	650.00	130.00	130.00	26%
5	Infrastructure Division of 10 (ten) Colleges within Mizoram				
	a) T. Romana College	138.28	45.12	118.73	100%
	b) Johnson College	135.62	55.10	118.11	95%
	c) Kolasib College (Main Building)	131.82	83.32	113.16	99%
	d) Kolasib College (Hostel Bldg)	60.59	28.25	52.04	100%
V	SCHOOL EDUCATION DEPARTMENT				
1	Construction of DIET Institution Building at Kolasib	223.46	118.95	220.14	100%
2	Construction of DIET Institution Building at Mamit	233.70	130.43	207.60	98%
VI	HOME DEPTT				
1	Construction of Police Station Bldg. Grade-IV at Vairengte	173.07	62.790	62.850	45.26%
2	Construction of Police Qtrs. Type-II 4 units at Vairengte	87.12	75.41	84.16	100%
3	Construction of Commandant 1st IR battalion Building (Ph-I) at Mualvum	500.00	143.00	143.00	85%
4	Construction of Recreation/Conference Hall at PTS, Thenzawl	85.00	84.88	84.88	100%
5	Construction of 60 men barrack, 2 storeyed with kitchen cum dinning hall at	120.00	109.68	116.00	100%

	PTS, Thenzawl				
6	Construction of Fire Station cum Quarters, Water Reservoir and Fencing at Kolasib	204.18	164.32	201.85	99%
7	Construction of Fire Station cum Quarters, Water Reservoir and Fencing at Mamit	180.00	108.53	156.68	97%
VII	FCS&CA DEPTT				
1	Construction of storage godown under Project Division-II	52.262	4.822	51.772	100%
	i) Kawrthah				
	ii) Rawpuichhip	52.262	6.55	51.772	100%
	iii) Lungdai	52.262	5.30	51.772	100%
2	Construction of FCS&CA Deptt. Qtrs.at Mamit	34.11	21.02	34.11	100%
VIII	HEALTH AND FAMILY WELFARE DEPTT				
1	Construction of 200 bedded Hostel for Mizoram College of Nursing at Falkawn. Block-I	1169.80	359.26	1119.64	100%
2	Construction of 200 bedded Hostel for Mizoram College of Nursing at Falkawn. Block- II				
3	Construction of PHC Building at Sairang	94.501	41.06	41.06	40%
4	Construction of PHC Building at W.Phaileng	121.299	25.48	25.48	39%
5	Construction of PHC Building at Kanghai	121.299	17.56	17.56	30%
IX	FINANCE DEPTT				
1	Construction of Treasury office at Mamit	110.80	62.04	142.34	100%
2	Construction of Treasury office at Kolasib	99.00	79.99	130.18	100%
X	P&E DEPARTMENT				
1	Construction of P&E Deptt.Staff Qtrs.at Luangmual, Aizawl	34.11	4.47	34.11	100%
XI	PWD				
1	Construction of Auditorium Building at Thenzawl	499.99	-	-	15%
XII	TAXATION DEPTT				

1	Construction of Superintendent of Taxes Office building with attached Qtr. & Rest House at Kolasib	280.75	159.19	273.86	100%
XIII	PHE DEPTT				
1	Construction of State Referral Institute (State Public Health Lab) at Zuangtui	42.26	-	42.00	100%
2	Construction of PHED Qtrs.Type-IV at Mamit	77.70	53.62	64.51	100%
XIV	NEC				
1	Construction of Community Hall at Chanmari West, Aizawl	415.28	-	-	5%
2	Construction of Community Complex at Edenthar, Aizawl	481.52	-	-	0.50%

6. Project Division-III :

Sl. No.	Name of Scheme/Work	Estimate Amount	Expenditure during the Year	Cummulative Expenditure	Status as on March 2017
<i>Rs. in lakhs</i>					
PUBLIC WORKS DEPARTMENT					
1	Construction of PWD staff quarters at Serchhip (Type-II,3 units)	98.95	48.95	48.95	60%
HIGHER & TECHNICAL EDUCATION DEPARTMENT					
1	Construction of Institution Building for DIET at Serchhip.	233.53	95.48	233.53	100%
2	Construction of Institution Building for DIET at Champhai	241.46	241.46	241.46	100%
3	Construction of Multi Complex Building cum Auditorium at Pachhunga University College, Aizawl	285.26	49.69	228.20	100%
4	Infrastructure Development of Gov't J.Thankima College	85.77	-	53.63	86%
AGRICULTURE DEPARTMENT					
1	Construction of DAO Office Building at Serchhip.	125.00	49.11	125.00	100%
HOME DEPARTMENT					
1	Construction of Fire Station Building at Serchhip	295.00	134.47	295.00	
	1) Construction of Main Building				100%
	2) Construction of Type-III Quarters				100%
	3) Construction of Type-IV Quarters				100%
	4) Boundary Fencing				100%

TAXATION DEPARTMENT					
1	Taxation Department Staff Quarters at Serchhip				
	1) Type - II, 2 units Quarters	129.95	65.00	65.00	98%
	2) Type - III, 2 units Quarters				98%
2	Construction of Directorate Building at Taxation Department at New Secretariat Complex, Khatla, Aizawl Phase-I	436.53	71.43	437	100%
3	Construction of Directorate Building at Taxation Department at New Secretariat Complex, Khatla, Aizawl Phase-II	479.95	-	-	5%
HEALTH & FAMILY WELFARE DEPARTMENT					
1	Construction of Directorate of Hospital & Medical Education Office Building at New Secretariat Complex, Aizawl under SPA	825.01	282.26	825.00	98%

7. FUNDED WORKS :

Besides the above reports received from Divisions, some of the above projects are constructed with funds received from other sources i.e. Non-State Budget or with State Matching Share. Those projects may be shown in Fund-wise as below :-

7.1. WORKS UNDER NLCPR :

In addition to road sector funding under NLCPR, there are some notable infrastructures taken up under NLCPR. Progress of Works may be shown as below :

Sl.No	Name of Work	Sanction Amount	Achievement upto 31st March, 2017		Remarks/ Date of commencement
			Phy	Fin	
			Rs in Lakhs		
1	2	3	4	5	6
A	<u>MPSC</u>				
1	Construction of Examination Hall for MPSC Mizoram.	223.53			Civil Work Completed
B	<u>AH & VETY</u>				
2	Establishment of Veterinary Polyclinic building with Officers Qtr at Khatla	482.3			Completed
C	<u>S & Y Services</u>				
3	Construction of Indoor Stadium at Keitum in Mizoram	173.75	90%	133.81	31.3.2017 with QPR Dec 2016
4	Construction of Indoor Stadium at Bungtlang in Mizoram.	173.75	90%	133.81	31.3.2017 with QPR Dec 2016
5	State Sports Academy at Zobawk	1751.24	75%	1254.77	30.9.2017 T/E applied alongwith QPR Dec 2016
6	Construction of Multi Level Parking, Community Centre & Office	1298.26	57%	458.21	27.5.2017 QPR Dec 17

	Complex at Aizawl North in Mizoram				
7	Construction of Additional Works for Indoor Stadium at Pitarte Tlang	245.11	100%	184.63	31.3.2017 with QPR Dec 2016
8	Construction of Indoor stadium at Chandmari,Lunglei	496.19	90%	367.80	28.2.2017 with QPR Dec 2016
D	<u>HEALTH (Health Services)</u>				
9	Constn of Medical Staff quarters for CHC at Saitual and Thingsulthliah	132.21	87%	51.84	30.6.2017 QPR Dec 17
10	(Hospital & Medical Education) Construction of 100 Bedded Hospital at Saiha	1592.52	59%	637.01	31.12.2017 QPR Dec 17
11	(Hospital & Medical Education) Construction of 50 Bedded Hospital at Lawngtlai	1191.51			7.12.2018 QPR June 2017.
E	<u>H&T Education</u>				
12	Infrastructure Development of 10 colleges in Mizoram	1367.64			
	1) T.Roman College	135.57	89%	118.76	31.3.2017 with QPR Dec 2016
	2) Johnson College	135.62	89%	118.284	31.3.2017 with QPR Dec 2016
	3) Saitual College	97.24	100%	85.15	Completed
	4) J.Thankima College	85.77	90%	78.23	31.3.2017 with QPR Dec 2016
	5) Aizawl N College	135.62	100%	118.77	Completed
	6) Aizawl West College	135.61	85%	113.71	31.3.2017 with QPR Dec 2016
	7) Khawzawl College	141.51	100%	123.93	Completed
	8) J.Buana College	142.50	100%	124.79	Completed
	9) Kolasib College	188.65	91%	165.2	31.3.2017 with QPR Dec 2016
	10) Hnahthial College	142.73	90%	125.00	31.3.2017 QPR Dec 17
13	Infrastructure development of 4 colleges in Mizoram	546.32			31.10.2015.
	1) Boys Hostel Lunglei College	40.22	100%	34.40	Completed
	2) Girls Hostel Lunglei College	40.22	100%	34.48	Completed
	3) Boys & Girls Hostel Saiha College	41.97	100%	25.11	Completed
	4) College Building at Saiha	113.71	100%	80.93	Completed
	5) Girls Hostel Zirtiri College	85.16	100%	76.04	31.3.2017 QPR Dec 17
	6) Boys Hostel Zirtiri College	85.16	100%	75.66	31.3.2017 QPR Dec 17
	7) Boys & Girls Hostel Serchhip	39.23	100%	34.12	Physically completed
	8) College Building at Serchhip	100.65	100%	76.23	Physically completed
14	Construction of Mizoram Law College at Luangmual, Aizawl	289.58			Civil Work Completed
15	Infrastructure Development of Lawngtlai College in Mizoram	136.09	97%	95.36	30.6.2017 QPR Dec 17

16	Infrastructure Development of Champhai College in Mizoram	951.29			Completed
F	<u>School Education</u>				
19	Construction of Higher Secondary School at Kawlkulh and Kawlbem.	195.88	90%	156.66	30.6.2017 QPR Dec 17
G	<u>Rural Development</u>				
20	Construction of Market Building at Vairengte	387.65	88%	151.30	31.3.2017 with QPR Dec 2016
21	Construction of Multipurpose Centre at Ramthar North, Aizawl.	462.37			
22	Construction of High Court Building at New Secretariat Complex, Aizawl.	4624.12			



Construction of Higher Secondary School at Kawlkulh (above) and Kawlbem (below).

Indoor Stadium at Lungei



Market Building at Vairengte



Market Building at Vairengte

7.2. Works under NEC Fund :

In addition to road sector funding under NEC, there are some notable infrastructures taken up under NEC. Progress of Works may be shown as below :

Rs in Lakhs

Sl. No	Name of Work	Sanction Amount	Achievement upto 31st March, 2017		Remarks
			Phy	Fin	
1	2	3	4	5	6
1	Construction of Cultural Centre cum Audotirium at Vaivakawn	619.10 31.01.2013	40%	161.11	Work in Progress
2	Construction of Mission Veng Bazar Complex at Mission veng Aizawl.	598.41 3/3/2014	30%	149.60	Work in Progress
3	Construction of Community Hall at Chanmari West, Aizawl, Mizoram.	457.00 17.3.2016	0%	164.00	New Sanction
4	Construction of Community Hall at Edentharr, Aizawl, Mizoram.	463.00 17.3.2016	0%	166.68	New Sanction



Mission Veng Bazar under construction

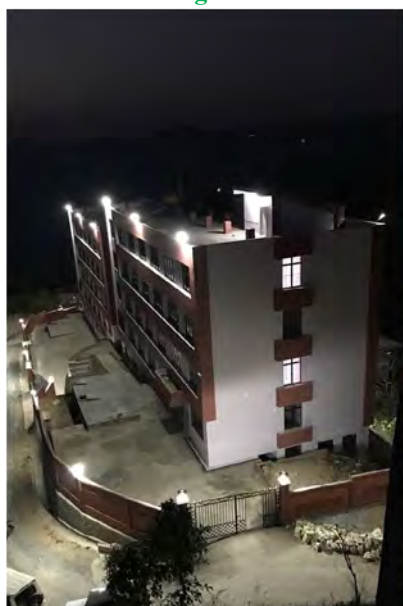


Cultural Centre cum Auditorium at Vaivakawn

MCON Building at Falkawn

Night time

Day time



Some Other Pictures of Buildings constructed

**CONSTRUCTION OF RAJ BHAWAN MAIN BUILDING
AT AIZAWL (13th FC)**

A/A Amount : ` 30,00,00,000.00
Estimated Amount : ` 25,24,49,224.93
Cumulative Expenditure : ` 29,68,35,000.00
Expenditure during the year : ` 14,06,37,718.00
Status as on August, 2017 : 90%



Multipurpose Hall



Heritage Building (Completed)



Furniture of Heritage Building



Heritage Building (Completed)



Main Building (Completed)



Main Building (Completed)



RE-CONSTRUCTION OF STAFF QUARTERS

AT RAJ BHAWAN COMPLEX, AIZAWL

A/A Amount : ₹ 14,58,00,000.00

Cumulative Expenditure : ₹ 10,65,04,000.00

Expenditure during the year : ₹ 4,26,66,546.00

Status as on August, 2017 : 95%



RAJ BHAWAN TYPE –I QUARTERS, 8 UNIT



Type VI Quarters



RAJ BHAWAN TYPE –II QUARTERS COMBINED 10 UNIT

**Construction of P.W.D. Staff Quarter TYPE-II (4 UNITS)
at Lunglei**



Construction of Police Station Building at Vaseikai



Constructio of Police Station Building at Bunghmun



Construction of PHC Building at Haulawng



Construction of PHC Building at Zobawk



Construction of PHC Building at Bunglemun



Construction of DIET Hostel at Chaltlang

Estimated Amount : Rs. 198.49 Lakh
 Completed on : Dt. 9.1.2017



Construction of Type-II Quarters 4 Units within Chief Secretary Complex.

Estimated Amount : Rs. 80.80 Lakh
 Completed on : Dt. 17.2.2017

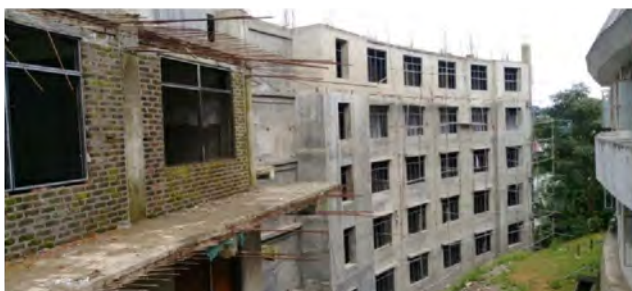


**Construction of Innovation Hub with 8M Dia Astronomy & Space Sciences Exposition Theatre
for Sub Regional Science Centre at Aizawl.
Estimated Amount : Rs.273.29 Lakh**



**Construction of Additional Civil Secretariat Building
at New Secretariat Complex, Khatla**

Front View



Back View



Front View Photo



Construction of Office Building for MINOR IRRIGATION AT New Secretariat Complex, Aizawl

Back View



Front View Photo



Construction of Aizawl West College at Dawrpui Vengthar, Aizawl

Back View



**CONSTRUCTION OF ACADEMIC BUILDING FOR UNDER GRADUATE
COMMERCE STREAM, GAC AT MUALPUI (SPA)**

A/A Amount : `3,00,00,000.00
Cumulative Expenditure : `3,00,00,000.00
Expenditure during the year : `57,57,267.00





D.I.E.T. Institution Building at Kolasib (Front)



FIRE Station Building at Kolasib



FIRE Station Building at Kolasib



D.I.E.T Institution Building at Kolasib (Back)



Police Staff Qtrs Type-II 4-units at Vairengte (Back)



Police Staff Qtrs Type-II 4-units at Vairengte(Front)



Taxation Office Building at Kolasib (Back)



Taxation Office Building at Kolasib (Front)



PTS 60 men & Kitchen

PTS Recreation Hall, Thenzawl



SDO Civil Type-II Thenzawl



SDO Civil Type-IV Thenzawl



DC Type -II



Addl.DC Block B



Addl. DC Block A



FCS & CA



Zirtiri Residential Sc College Library



Treasury Office mamit Front



Treasury



State Referral Institute PHE



PHE Type-IV (2)



PHE Type-III



P&E qtr Type-III Tuivamit

ON GOING WORKS UNDER COMPLETION STAGE :



Police Station Grade-IV at Vairengte (Back)



1st I.R. Office Building at Mualvum

**CONSTRUCTION OF RAJIV GANDHI STADIUM PH-II
(SH: RCC LOWER GALLERY BALANCE PEB STRUCTURES AT WESTERN STAND, ROOMS
BELOW WESTERN PEB STRUCTURE) AT MUALPUI, AIZAWL.**

<i>Estimated Amount</i>	: ` 7,39,11,582.00
<i>Cumulative Expenditure</i>	: ` 24,01,61,917.00
<i>Expenditure during the year</i>	: ` 1,84,305.00





PIC : DAO OFFICE BUILDING AT SERCHHIP



PIC : INSTITUTION BUILDING FOR DIET AT SERCHHIP



Pic : Fire Station at Serchhip



**PIC: J.THANKIMA
COLLEGE BUILDING
AT BAWNGKAWN,
AIZAWL**



**PIC: DIRECTORATE
OF TAXATION
BUILDING PHASE-I
& PHASE-II AT NEW
SECRETARIAT
COMPLEX, AIZAWL**



PIC: DIET INSTITUTION BUILDING AT CHAMPHAI



**PIC: DIRECTORATE OF HOSPITAL AND MEDICAL EDUCATION BUILDING AT
NEW SECRETARIAT COMPLEX, AIZAWL**

Chapter 9

ACHIEVEMENTS under Architect Cell

The Architect Cell is headed by one Chief Architect and having two Senior Architects. The Cell is under the direct 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 arrangement. They have done a tremendous job for the proper and reliability of the construction of various buildings and other infrastructures.

Some of the Pictures may be shown as below :

NAME OF PROJECT	:	ADDL. SECRETARIAT
LOCATION	:	NEW SECRETARIAT COMPLEX, KHATLA
STATUS OF THE BUILDING	:	1) ARCHITECTURAL DESIGN COMPLETED ON MARCH, 2012 2) UNDER CONSTRUCTION
COST OF PROJECT	:	17.64 CRORES
FLOOR AREA	:	BASEMENT 4 - 827.98 SQ.M BASEMENT 3 - 985.49 SQ.M BASEMENT 2 - 1202.32 SQ.M BASEMENT 1 - 1263.14 SQ.M GROUND FLOOR - 1282.84 SQ.M FIRST FLOOR - 1282.84 SQ.M SECOND FLOOR - 962.37 SQ.M TOTAL FLOOR AREA - 7806.98 SQ.M



NAME OF PROJECT	:	DCSO OFFICE	
LOCATION	:	LAWNGTLAI	
STATUS OF THE BUILDING	:	1) ARCHITECTURAL DESIGN COMPLETED ON AUGUST 2015 2) CONSTRUCTION NOT STARTED	
COST OF PROJECT	:	45.00 LAKHS	
FLOOR AREA	:	GROUND FLOOR	- 93.74 SQ.M
		BASEMENT	- 89.39 SQ.M
		TOTAL FLOOR AREA	- 183.13 SQ.



NAME OF PROJECT	:	INSTITUTION BUILDING (DIET)		
LOCATION	:	LAWNGTLAI		
STATUS OF THE BUILDING	:	1) ARCHITECTURAL DESIGN COMPLETED ON NOV 2014 2) UNDER CONSTRUCTION		
COST OF PROJECT	:	236.93 LAKHS		
FLOOR AREA	:	BASEMENT 1	-	286.77 SQ.M
		GROUND FLOOR	-	301.73 SQ.M
		FIRST FLOOR	-	301.73 SQ.M
		TOTAL FLOOR AREA	-	890.23 SQ.M



NAME OF PROJECT	:	HIGH COURT BUILDING
LOCATION	:	NEW SECRETARIAT COMPLEX, KHATLA
STATUS OF THE BUILDING	:	1) ARCHITECTURAL DESIGN COMPLETED ON MAY 2015 2) CONSTRUCTION STARTED
COST OF PROJECT	:	50 CRORES
FLOOR AREA	:	COURT BUILDING (BLOCK A, BLOCK B, BLOCK C)
		BASEMENT 1 - 3168.54 SQ.M
		GROUND FLOOR - 3032.10 SQ.M
		FIRST FLOOR - 3032.10 SQ.M
		SECOND FLOOR - 2380.24 SQ.M
		TOTAL 1 - 11612.98 SQ.M
		BLOCK D: BASEMENT 2 - 322.35 SQ.M
		BASEMENT 1 - 558.90 SQ.M
		GROUND FLOOR - 558.90 SQ.M
		FIRST FLOOR - 445.80 SQ.M
		TOTAL 2 - 1885.95 SQ.M
		TOTAL FLOOR AREA - 13498.93 SQ.M



NAME OF PROJECT	:	CHIEF JUSTICE QUARTER TYPE VIII	
LOCATION	:	LUANGMUAL, AIZAWL	
STATUS OF THE BUILDING	:	1) ARCHITECTURAL DESIGN COMPLETED ON JULY 2015 2) UNDER CONSTRUCTION	
COST OF PROJECT	:	172.88 LAKHS	
FLOOR AREA	:	GROUND FLOOR	- 290.0 SQ.M
		FIRST FLOOR	- 195.80 SQ.M
		TOTAL FLOOR AREA	- 485.80 SQ.M



NAME OF PROJECT	:	NABARD R.O OFFICE																								
LOCATION	:	NEW SECRETARIAT COMPLEX, KHATLA																								
STATUS OF THE BUILDING	:	1) ARCHITECTURAL DESIGN COMPLETED ON DEC 2015 2) UNDER CONSTRUCTION																								
COST OF PROJECT	:	939.41 LAKHS																								
FLOOR AREA	:	<table> <tr> <td>BASEMENT 4</td> <td>-</td> <td>264.42 SQ.M</td> </tr> <tr> <td>BASEMENT 3</td> <td>-</td> <td>372.97 SQ.M</td> </tr> <tr> <td>BASEMENT 2</td> <td>-</td> <td>362.19 SQ.M</td> </tr> <tr> <td>BASEMENT 1</td> <td>-</td> <td>434.23 SQ.M</td> </tr> <tr> <td>GROUND FLOOR</td> <td>-</td> <td>434.23 SQ.M</td> </tr> <tr> <td>FIRST FLOOR</td> <td>-</td> <td>404.24 SQ.M</td> </tr> <tr> <td>SECOND FLOOR</td> <td>-</td> <td>340.96 SQ.M</td> </tr> <tr> <td>TOTAL FLOOR AREA</td> <td>-</td> <td>2722.82 SQ.M</td> </tr> </table>	BASEMENT 4	-	264.42 SQ.M	BASEMENT 3	-	372.97 SQ.M	BASEMENT 2	-	362.19 SQ.M	BASEMENT 1	-	434.23 SQ.M	GROUND FLOOR	-	434.23 SQ.M	FIRST FLOOR	-	404.24 SQ.M	SECOND FLOOR	-	340.96 SQ.M	TOTAL FLOOR AREA	-	2722.82 SQ.M
BASEMENT 4	-	264.42 SQ.M																								
BASEMENT 3	-	372.97 SQ.M																								
BASEMENT 2	-	362.19 SQ.M																								
BASEMENT 1	-	434.23 SQ.M																								
GROUND FLOOR	-	434.23 SQ.M																								
FIRST FLOOR	-	404.24 SQ.M																								
SECOND FLOOR	-	340.96 SQ.M																								
TOTAL FLOOR AREA	-	2722.82 SQ.M																								



NAME OF PROJECT : **DCSO OFFICE**
LOCATION : **SIAHA**
STATUS OF THE BUILDING : 1) ARCHITECTURAL DESIGN COMPLETED ON JULY 2015
 2) CONSTRUCTION NOT STARTED
COST OF PROJECT : 48.85 LAKHS
FLOOR AREA : **GROUND FLOOR** - 99.86 SQ.M
BASEMENT - 92.19 SQ.M
TOTAL FLOOR AREA - **192.05 SQ.M**



NAME OF PROJECT	:	MULTILEVEL CAR PARKING	
LOCATION	:	DAWRPUI, AIZAWL	
STATUS OF THE BUILDING	:	1) ARCHITECTURAL DESIGN COMPLETED ON SEPTEMBER 2015 2) UNDER CONSTRUCTION	
COST OF PROJECT	:	1298.26 LAKHS	
FLOOR AREA	:	GROUND FLOOR	- 626.36 SQ.M
		FIRST FLOOR	- 656.67 SQ.M
		SECOND FLOOR	- 656.67 SQ.M
		THIRD FLOOR	- 656.67 SQ.M
		FOURTH FLOOR	- 206.71 SQ.M
		TOTAL FLOOR AREA	- 2803.08 SQ.M



NAME OF PROJECT	:	HOSTEL BUILDING (DIET)
LOCATION	:	LUNGLEI
STATUS OF THE BUILDING	:	1) ARCHITECTURAL DESIGN COMPLETED ON OCT 2014 2) UNDER CONSTRUCTION
COST OF PROJECT	:	146.30 LAKHS
FLOOR AREA	:	GROUND FLOOR - 178.72 SQ.M FIRST FLOOR - 178.72 SQ.M SECOND FLOOR - 178.72 SQ.M TOTAL FLOOR AREA - 536.16 SQ.M



NAME OF PROJECT	:	CHIEF ENGINEER'S OFFICE, MINOR IRRIGATION DEPT		
LOCATION	:	NEW SECRETARIAT COMPLEX, KHATLA		
STATUS OF THE BUILDING	:	1) ARCHITECTURAL DESIGN COMPLETED ON JUNE 2014 2) UNDER CONSTRUCTION - PARTLY COMPLETED		
COST OF PROJECT	:	612.81 LAKHS		
FLOOR AREA	:	BASEMENT 3	-	451.3 SQ.M
		BASEMENT 2	-	530.7 SQ.M
		BASEMENT 1	-	582.7 SQ.M
		GROUND FLOOR	-	612.9 SQ.M
		FIRST FLOOR	-	612.0 SQ.M
		SECOND FLOOR	-	425.4 SQ.M
		TOTAL FLOOR AREA	-	3215.00 SQ.M



NAME OF PROJECT	:	CHIEF ENGINEER HIGHWAY OFFICE
LOCATION	:	TUIKHUAHTLANG, AIZAWL
STATUS OF THE BUILDING	:	1) ARCHITECTURAL DESIGN COMPLETED ON MAY 2015 2) UNDER CONSTRUCTION
COST OF PROJECT	:	641.88 LAKHS
FLOOR AREA	:	GROUND FLOOR - 321.12 SQ.M FIRST FLOOR - 369.00 SQ.M SECOND FLOOR - 505.57 SQ.M THIRD FLOOR - 508.16 SQ.M FOURTH FLOOR - 505.57 SQ.M TOTAL FLOOR AREA - 2209.42 SQ.M



NAME OF PROJECT : **PHC**
LOCATION : **HAULAWNG**
STATUS OF THE BUILDING : **1) ARCHITECTURAL DESIGN COMPLETED ON DEC 2015**
2) UNDER CONSTRUCTION
COST OF PROJECT : **90.69 LAKHS**
FLOOR AREA : **GROUND FLOOR - 374.76SQ.M (EXCLUDING KITCHEN & X-RAY)**
- 443.37SQ.M (INCLUDING KITCHEN & X-RAY)



NAME OF PROJECT	:	AUDITORIUM AT THENZAWL		
LOCATION	:	THENZAWL		
PROJECT STATUS	:	1) ARCHITECTURAL DESIGN COMPLETED ON FEB., 2016 2) UNDER CONSTRUCTION		
COST OF THE PROJECT	:	423.57 LAKH		
TOTAL BUILT UP AREA	:	GROUND FLOOR	-	1373.50 SQ.M.
	:	CATWALK	-	98.00 SQ.M.
	:	TOTAL AREA	-	1471.50 SQ.M.



NAME OF PROJECT	:	COMMUNITY COMPLEX AT EDENTHAR	
LOCATION	:	EDENTHAR, AIZAWL	
PROJECT STATUS	:	I) DPR COMPLETED ON MARCH, 2017 II) UNDER CONSTRUCTION	
COST OF THE PROJECT	:	417.01 LAKHS	
TOTAL BUILT UP AREA	:	BASEMENT-2 FLOOR - 312 SQM. BASEMENT-1 FLOOR - 419 SQM. GROUND FLOOR - 520 SQM. FIRST FLOOR - 277 SQM. TOTAL - 1528 SQM.	



NAME OF PROJECT	:	JUDICIAL QUARTERS	
LOCATION	:	SERCHHIP	
PROJECT STATUS	:	I) ARCHITECTURAL DESIGN COMPLETED ON AUGUST, 2017 II) YET TO BE TENDERED	
COST OF THE PROJECT	:	207.56 LAKHS	
FLOOR AREA	:	GRADE-I	- 196.46SQM.
		GRADE-II	- 177.10 SQM.
		GRADE-III	- 118.48 SQM.
		TOTAL	- 492.04 SQM.



NAME OF PROJECT	:	DRC QUARTERS	
LOCATION	:	SHILLONG, MEGHALAYA	
PROJECT STATUS	:	I) DPR COMPLETED ON APRIL, 2016 II) YET TO BE TENDERED	
COST OF THE PROJECT	:	161.30 LAKHS	
FLOOR AREA	:	GROUND FLOOR	- 159.46 SQM
		FIRST FLOOR	- 173.50 SQM.
		SECOND FLOOR	- 190.88 SQM.
		TOTAL	- 523.84 SQM.



NAME OF PROJECT : PHC AT KANGHMUN

LOCATION : **KANGHMUN**
STATUS OF THE BUILDING : I) ARCHITECTURAL DRAWING COMPLETED ON FEBRUARY, 2016
II) UNDER CONSTRUCTION
COST OF THE PROJECT : 105.15 LAKHS
TOTAL FLOOR AREA : 383.68 SQ.M



NAME OF PROJECT : **PHC AT SAIRANG**
 LOCATION : **SAIRANG**
 STATUS OF THE BUILDING : I) ARCHITECTURAL DRAWING COMPLETED ON APRIL, 2016
 II) UNDER CONSTRUCTION
 COST OF THE PROJECT : 84.25 LAKHS
 FLOOR AREA : I) GROUND FLOOR - 293.50 SQ.M.
 II) FUTURE EXTENSION - 303.80 SQ.M.



NAME OF PROJECT : **PRIMARY HEALTH CENTRE**
LOCATION : **WEST PHALENG, MAMIT DISTRICT**
STATUS OF THE BUILDING : I) ARCHITECTURAL DRAWING COMPLETED ON JANUARY, 2016
II) UNDER CONSTRUCTION
COST OF PROJECT : RS. 121.299 LAKH
FLOOR AREA : 339.00 SQM. (GROUND FLOOR ONLY)



NAME OF PROJECT	:	POLYTECHNIC - BOYS' HOSTEL	
LOCATION	:	SIAHA	
STATUS OF THE BUILDING	:	1) ARCHITECTURAL DESIGN COMPLETED ON JANUARY, 2015 2) UNDER CONSTRUCTION	
COST OF PROJECT	:	168.52 LAKHS	
FLOOR AREA	:	BASEMENT	- 119.30 SQ.M
		GROUND FLOOR	- 222.48 SQ.M
		FIRST FLOOR	- 229.25 SQ.M.
		TOTAL FLOOR AREA	- 571.03 SQ.M



NAME OF PROJECT	:	INDOOR STADIUM	
LOCATION	:	ZOBAWK, LUNGLEI	
STATUS OF THE BUILDING	:	1) ARCHITECTURAL DESIGN COMPLETED ON FEBRAURY, 2017 2) UNDER CONSTRUCTION	
COST OF PROJECT	:	175.12 LAKHS	
FLOOR AREA	:	GROUND FLOOR	- 1281.41 SQ.M
		BASEMENT	- 1267.61 SQ.M
		TOTAL FLOOR AREA	- 2549.02 SQ.M



NAME OF PROJECT	:	CIVIL HOSPITAL - ADMINISTRATIVE BLOCK		
LOCATION	:	SIAHA		
STATUS OF THE BUILDING	:	1) ARCHITECTURAL DESIGN COMPLETED ON DECEMBER 2016 2) CONSTRUCTION NOT YET STARTED		
COST OF PROJECT	:	71.01 LAKHS		
FLOOR AREA	:	GROUND FLOOR	-	148.735 SQ.M
	:	BASEMENT	-	79.297 SQ.M
	:	TOTAL FLOOR AREA	-	228.032 SQ.M



NAME OF PROJECT	:	GOVT. ZIRTIRI RESIDENTIAL SCIENCE COLLEGE
LOCATION	:	DURTLANG, AIZAWL
STATUS OF THE BUILDING	:	1) ARCHITECTURAL DESIGN COMPLETED ON OCTOBER 2015 2) UNDER CONSTRUCTION
COST OF PROJECT	:	558.89 LAKHS
FLOOR AREA	:	BASEMENT FLOOR - 640.00 SQ.M GROUND FLOOR - 640.00 SQ.M FIRST FLOOR - 640.00 SQ.M SECOND FLOOR - 640.00 SQ.M TOTAL FLOOR AREA - 2560.00 SQ.M



Chapter 10

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 may be given below :

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

1. INTRODUCTION:

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 N.E. India.

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 is also signed between DEA, Min. of Finance, World Bank and Govt. of Mizoram on Dt. 28th August 2014 and is effective from 10.10.2014.

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

3. PROJECT ROADS (2-lane, 12m road width)

MSR II-RTCP has 2 (two) components to support the Project development objectives, namely:-

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

(i) Widening and strengthening of three sections of (Group I) roads: 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		Remarks
					Physical	Financial	
1	2	3	4	5	6	7	8
1.	Improvement and Up-gradation of Champhai - Zokhawthar (27.25 Km)	Tarmat Ltd. Mumbai	Rs. 137.14 Cr Date: 14.11.2014	42 Months	45.00 %	42.00%	It is a regional connectivity with Myanmar. The link to the border will facilitate connectivity to Myanmar and the rest the East Asia and beyond. It will greatly improve the trade volume of existing trade at Zokhawthar in the border.

2.	Improvement and Up-gradation of Chhumkhum - Chawngte (41.53 Km)	JKM Infra Projects Ltd. Noida	Rs.245.65Cr Date: 17.09.2014	48 Months	20.00%	23.10%	It is a regional connectivity with the southwestern belt of Mizoram along with proper connectivity with headquarter of Chakma Autonomous District Council for economical and commercial development.
3.	Improvement and Up-gradation of Tlabung - Kawrpuichh uah (12.00 Km)	ABCI Infrastructures Pvt. Ltd	Rs.77.87 Cr Date: 12.08.2016	30 Months	17.00%	12.60%	The Project is expected to improve access to and from the landlocked Northeast India to the Bay of Bengal. The link to Bangladesh will facilitate greater bilateral trade and access to the port of Chittagong-the nearest port for the North-Eastern region of India.

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

a) Project Preparation Consultancy-I (PPC-I) Services Package -I:

The details of the project during the reported period are as follows:

Sl. No	Name of Work	Name of Consultant	Agreement Amount and Date	Time for Completion	Achievement		Remarks
					Physical	Financial	
1	2	3	4	5	6	7	8

1.	Phase I : Junction NH 44A (originating) passing through Chungtlang-Darlung-Buarpui	LEA Associates South Asia Pvt. Ltd. New Delhi	Rs.8.708 Cr Date: 19.08.2014	31.12.2017	Draft DPR Submitted Final DPR under preparation	5.28 Cr	
2.	Phase II : Buarpui - Thenzawl - Buarpui	LEA Associates South Asia Pvt. Ltd. New Delhi	Rs.8.708 Cr Date: 19.08.2014				

b) Project Preparation Consultancy-II (PPC-II) Services Package-II:

The details of the project during the report period are as follows:-

Sl. No	Name of Work	Name of Consultant	Agreement Amount and Date	Time for Completion	Achievement		Remarks
					Physical	Financial	
1	2	3	4	5	6	7	8
1.	Phase I: Chawngte including bridge to Bungtlang South up to Multimodal road junction	LEA Associates South Asia Pvt. Ltd. New Delhi	Rs.8.280 Cr Date: 14.07.2014	30.11.2017	Draft DPR Submitted Final DPR under preparation	2.93 Cr	
2.	Phase II : Zawlpui - Phairuankai	LEA Associates South Asia Pvt. Ltd. New Delhi	Rs.8.280 Cr Date: 14.07.2014				

II. Component B :

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

- i) Modernization of policies, engineering practices, and business procedures.
- ii) Asset management and maintenance.
- iii) Institutional and Human Resource Development.
- iv) Road Safety Management.
- v) Improved Environmental and Social safeguards capacity and management

For implementation of the RSMP activities, RSMP - Working Group Committee chaired by 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 again formed with each Sub-Groups having specific tasks.

Under the 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 carried out while several activities are still more to come for implementation.

World Bank Mission Visit - January 2017



**Training &
Orientation on EMP
& EHS**



**PPC-II Public
Consultation with
West Lungdar
Village Community
Leader**



CHAMPHAI - ZOKHAWTHAR ROAD



GSB Layer (C-Z Road)



Revetment wall at ch.0+650 to 0+690 (C-Z Road)



Road Safety Awareness (C-Z Road)

**Bio Engineering
method Brush
Layer, Fascine for
Disposal area (LHS)
800m away from
Km 0+000 towards
Aizawl road (C-Z
Road)**



E-in-C Site Visit at Contractor's Camp (C-Z Road)



Excavation in progress Km 21+080 (C-Z Road)



Contractor's Camp: Champhai- Zokhawthar Road (C-Z Road)



Hill Cutting towards Zokhawthar (C-Z Road)



Spur Road Chainage 0+510(C-Z Road)



Compaction and Sub-grade preparation (C-Z Road)

**Engineering
Practice of
Retaining Wall
(Technically
sound)
Construction at
Chainage 4+600
(C-Z Road)**





**Bio-Engineering Practice
(C-Z Road)**



Hume Pipe Manufacturing Plant (C-Z Road)

CHHUMKHUM - CHAWNGTE ROAD



Sub grade Top Layer Km3+990 to 4+130 (C-C Road)



Turfing and Grass Sodds Km 7+950(Dumping) (C-C Road) & Bamboo Crib Wall Km 8+050 (C-C Road)



Training on Environment and Construction Zone Safety (C-C Road)

TLABUNG-KAWRPUICHHUAH ROAD



CHAINAGE : 3+530 to 3+580 (Completed Up to Existing Road Level) (T-K Road)



CHAINAGE : 3+600 to 3+660 (Work is in Progress) (T-K Road) & Work in Progress at Chainage 4+140 to 4+210. (T-K Road)



Training on Environment and Construction Zone Safety (T-K Road)

2. ADB ASSISTED SERCHHIP-BUARPUI ROAD UNDER PROJECT IMPLEMENTATION UNIT (PIU) :

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. 272.50 Crore have been submitted to MDoNER, GoI for further action.

STATUS OF PROJECT ACTIVITIES:

The overall physical progress is 28.046% :

Formation Cutting	– 36.29 km.
Cross Drainage work	– 83 Nos.
Gabion Protection Work	– 1950 cum.
Granular Sub-Base	- 9.22 Km.
WBM-I	- 2.85 Km

The overall Expenditure is – Rs. 4655.65 lakhs.

SERCHHIP TO BUARPUI ROAD



Ch: 12+320kmp Part I WBM Grading-I.



Meeting with ADB & PMC team at Contractor's Camp on Dt. 7.9.2016.



Site Laboratory at Contractor's Camp.



Checking of existing sub-grade density.



Distribution of Leaflet in Mizo language to the Project Affected Persons (PAPs).



Prepared Granular Sub-Base (GSB) Layer in Part-I.



Turfing of Dumping Yard in Progress at Ch 12+500 Kmp Part I.



Checking WBM Gradations.



Drilling of hard rock for blasting in progress in Part-II & Construction of Hume pipe in progress at Ch. 7+168, Part-I.



Construction of Side Drain in progress at Ch. 12+600, Part-I.



Finished Formation Cutting at Ch. 12+900, Part-II.



Shifting of Structure for widening of road at Buarpui Village, Part-II.

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 2016-17:

Sl/No	Name of Post	Strength
1	Engineer-in-Chief	1
2	Chief Engineer	4
3	Superintending Engineer (Civil)	15
4	EE (Civil)	51
5	SDO/AE (Civil)	150
6	SE (Mechanical)	1
7	EE (Mech/Elect)	4
8	SDO/AE (Mech/Elect)	8
9	Chief Architect	1
10	Senior Architect	2
11	Architect	4
12	Assistant Architect	10
13	Deputy Director (Admn)	4
14	Superintendent	4
15	HRD Manager	1
16	Assistant	51
17	UDC	198
18	LDC	221
19	Stenographer Gr - I	1
20	Stenographer Gr - II	6
21	Stenographer Gr - III	17
22	SLAO	1
23	Joint Director of Accounts	1
24	FAO	3
25	Divisional Accountant	30
26	Assistant Divisional Accountant	45
27	Research Officer	1
28	Inspector of Statistics	1
29	Junior Engineer (Civil)	364
30	Junior Engineer (Mech/Elect)	20
31	OS - II	34
32	SA	200
33	Draftsman Gr - I	5
34	Draftsman Gr - II	44
35	Draftsman Gr - III	46

36	Surveyor	6
37	Electrician Gr - I	7
38	Electrician Gr - II	10
39	Wireman/Fitter	4
40	Mechanic Gr - I	11
41	Mechanic Gr - II	12
42	Welder	2
43	Telephone Operator	1
44	Carpenter	12
45	Plant Operator	2
46	Driller	2
47	Driver	87
48	Handyman	4
49	Boatman	6
50	Group D	424
51	Jugali	29
	Total	2168

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:

SI No	Name of Post	Strength
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
	Total	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:

SI No	Name of Post	Strength
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
	Total	991

2.RECRUITMENT :

The following 1 new staff are recruited on co-terminus basis for the PIU Office :-

Sl.No.	Name	Designation	Date of Appointment
1	Lalmangaihzuala	A.E. on Co-Terminus, PIU	09.08.2016
Sl.No	Name	Designation	Date of appointment
1	Lalrinchani	JE on Co-Terminus, PIU	27.7.2017
2	Ramdintluanga Chenkual	JE on Co-Terminus, PIU	27.7.2017
3	Lallawmzuala	Computer Operator on Co-terminus, PIU	27.7.2017
4	Laltlankima	A.E. on Co-termunus, PIU	24.7.2017
5	David Lalrinliana	A.E. on Co-termunus, PIU	24.7.2017
6	C.Lalchhuanawmi	A.E. on Co-termunus, PIU	24.7.2017
Sl.No.	Name	Designation	Date of Appointment
1	Lalbiakkima	JE(Civil)	27.7.2016
2	Lalrinhlua	JE(Civil)	27.7.2016
3	C Lalhruaizela	JE(Civil)	27.7.2016
4	R Lahnunpuia	JE(Civil)	27.7.2016

5	Elizabeth Lalawmpuii	JE(Civil)	27.7.2016
6	B Lalrinzuala	JE(Civil)	27.7.2016
7	C Lalramdina	JE(Civil)	27.7.2016
8	Zamuana	JE(Civil)	27.7.2016
9	Lalthantluanga	JE(Civil)	27.7.2016
10	Michael Lalawmpuia	JE(Civil)	17.8.2016

3. PROMOTION :-

3.1 OFFICERS PROMOTED DURING 2016-2017

After a long duration of high stagnation of post in promotion, the list of the following Officers got promotion in the department during the year 2016-17 as indicated below :

OFFICERS :

SI No.	Name	Designation	Date of promotion
1	Lalrinnggheta	Sr.E.E. to JAG (NF)	31.01.2017
2	J.Sangkhuma	Officiating S.E to S.E(Reg.basis)	28.02.2017
3	N.Chhylai	JAG to S.E	28.02.2017
4	C.Eddie Zothansanga	Officiating E.E to E.E(Reg.basis)	28.02.2017
5	Samuel Ramdinthara	A.E/SDO to E.E(Officiating)	28.02.2017

3.2 PROMOTION OF J.E TO A.E /SDO

1	Biaknunga Colney	JE (Civil)	27.06.2016
2	C.Liankhuma	JE (Civil)	07.10.2016
3	T.Lalchhandama	JE (Civil)	20.12.2016

3.3 PROMOTION 2016 - 2017 (1.4.2016 to 31.3.2017)

Sl.No	Name	Designation	Date of Promotion	Remarks
1	Biaknunga Colney	JE (Civil)	27.6.2016	
2	C.Liankhuma	JE (Civil)	7.10.2016	
3	T.Lalchhandama	JE (Civil)	20.12.2016	
21	T.Lalhmachhuana	SA	22.12.2016	
22	Lalrozara	SA	22.12.2016	
23	H.Rothangliana	SA	22.12.2016	
24	H.Sakhawliana	SA	22.12.2016	
25	Lalkhawngaiha Chhangte	SA	22.12.2016	
26	C.Lawmsanga	SA	22.12.2016	
27	K.Lalmanmawia	SA	22.12.2016	
28	H.Zothanliana	SA	22.12.2016	
29	F Lalengzauva	Mechanic Gr - II	9.5.2016	
30	Ngurroliana	Electrician Gr - I	28.7.2016	
31	K Lalrinmawia	Electrician Gr - I	28.7.2016	
32	K Lalduha	Electrician Gr - II	19.10.2016	
33	Lalthlamuana	Electrician Gr - II	19.10.2016	
34	C Kapvunga	Electrician Gr - II	19.10.2016	

3.4 Promotion from Draftsman Grade-II to Grade-I

Sl.No	Name	Place of Posting	Date of promotion	New place of posting
1	Amalendu Nath	Forest Deptt	29.9.2016	Eastern Circle
2	Muskh Uddin Lasker	Building Division	29.9.2016	E-in-C Office
3	Chinlianthang Leivang	Building Circle	29.9.2016	CE, Building

3.5 Promotion from Draftsman Grade-III to Grade-II

Sl.No	Name	Place of Posting	Date of promotion	New place of posting
1	Lalrinliana	Eastern Circle	19.12.2016	NH-I
2	J.Zohmingthanga	E-in-C	19.12.2016	E-in-C
3	Lalnunthari	Kolasib Divn.	19.12.2016	Western Circle
4	Lalduhawma Sailo	Project-III	19.12.2016	CE Building
5	Lalhmingmawii	Project-II	19.12.2016	SE Building
6	K.Lalsangliani	Project.Circle	19.12.2016	E-in-C
7	R.Lalchhuanawma	Champhai Divn.	19.12.2016	Champhai Divn.

3.6 Upgradation to Driver Grade-I to Driver Special Grade

Sl.No	Name	Place of Posting	Date of upgradation
1	Pu Gopal Jee Singh	E-in-C Office	20.10.2016
2	Pu K.Lalthangpuia	CE Roads Office	17.12.2016

3.7 Upgradation to Driver Grade-III to Grade-II

1	Pu Bimol Kanti Das, Workcharged	Kolasib Division	21.12.2016
2	Pu Vanlaldika, Workcharged	Saiha Division.	21.12.2016
3	Pu Lalbuatsaiha, Workcharged	Serchhip Division	21.12.2016

3.8 Workcharged Regularisation List

Sl.No	Name	Designation	Date of regularisation	Place of posting	New designation	New place of posting.
1	Bhudan Tudu	W/C Jugali	21 st April,2016	Aizawl Electrical	Jugali	Aizawl Electrical
2	H.M.Captan	W/C Jugali	21 st April,2016	Aizawl Mechanical	Jugali	Aizawl Mechanical
3	Lalrengkhumi	W/C Jugali	21 st April,2016	Aizawl Electrical	Jugali	Aizawl Electrical
4	Chawngpari	W/C Jugali	21 st April,2016	Aizawl Electrical	Jugali	Aizawl Electrical
5	K.Lalzuala	D/R	21 st April,2016	Proj-I Divn	Peon	Bldg Circle
6	Lalrozami	D/R	21 st April,2016	Building Divn.	Peon	Road North Divn.
7	Chawngpari	Sweeper	21 st April,2016	Building Divn	Sweeper	Project Divn.I
8	Narayan Deka	D/R	21 st April,2016	Proj Divn.I	Peon	E-in-C Office

9	Lalhminganga	D/R	21st April,2016	Khawzawl Divn.	Peon	Champhai Divn.
10	Gopal Kurni	Chowkider	21st April,2016	Kolasib Divn	Chowkidar	Kolasib Divn.
11	K.Lalhmachhuan a	Chowkider	21st April,2016	Kolasib Divn.	Peon	Kolasib Divn.
12	K.Thangvela	Chowkider	21st April,2016	Kolasib Divn.	Peon	Kolasib Divn.
13	Rohmingliana	IBC	21st April,2016	Saitual Divn.	Chowkidar	Saitual Divn.
14	K.Pahlira	D/R	21st April,2016	Project Divn.II	Chowkidar	Project Divn.II
15	Lalthankungi	Sweeper	21st April,2016	NH Divn.I	Sweeper	Eastern Circle
16	R Lalfakzuala	Chain Man	21st April,2016	Project Divn.II	Peon	CE Roads Office
17	Lalringzuala	Chain Man	21st April,2016	Building Divn.	Peon	CE Buildings Office
18	Malsawma	D/R	21st April,2016	NH Divn.I	Peon	NH Divn.I
19	K.Biakdingliana	IBC	21st April,2016	Saitual Divn	IBC	Saitual Divn.
20	F.Lalrokima	D/R	21st April,2016	Project Divn.II	Chowkidar	Project Divn.II
21	Lalngaihawma	D/R	21st April,2016	NH Divn.I	Chowkidar	Project Divn.III
22	Rammuanpuii	D/R	21st April,2016	NH Divn.I	Sweeper	CE Highways Office
23	Laldawngliani	Sweeper	21st April,2016	Champhai Divn.	Peon	Champhai Divn.
24	Vanlalsangi	Sweeper	21st April,2016	NH Divn.II	Peon	NH Divn.II
25	Laldoliana	Chowkider	21st April,2016	Kawrthah	Chowkidar	Kawrthah Divn.
26	Zomawia	D/R	21st April,2016	Saitual Divn.attached to E-in-C	Peon	E-in-C Office
27	Lalthansanga	D/R	21st April,2016	Road North Divn.	Peon	Road North Divn.
28	Ramlia	Sweeper	21st April,2016	Serchhip Divn.	Peon	Serchhip Divn.
29	Lalsiamliana	D/R	21st April,2016	Hmuifang Divn.	Peon	Hmuifang Divn.
30	Lalfakzuali	Sweeper	21st April,2016	Kolasib Divn.	Sweeper	Kolasib Divn.
31	Vanlalropuia	Chowkider	21st April,2016	Lunglei Building Divn.	Chowkidar	Lunglei Bldg.Divn.
32	F.Lalthantluangi	Sweeper	21st April,2016	Tlabung Divn.	Peon	Tlabung Divn.
33	Hrangthanpuii	Sweeper	21st April,2016	Lunglei Divn.	Sweeper	Lunglei Divn.
34	Lalnuntluanga	Chain Man	21st April,2016	Lunglei Divn.	Peon	Lunglei Divn.

35	Lalbiaknungi	Sweeper	21st April,2016	Tlabung Divn.	Peon	Tlabung Divn.
36	Lalrimawii	Sweeper	21st April,2016	NH Divn.I	Peon	Project Divn.III
37	K.Hrangchhuana	IBC	21st April,2016	Lawngtlai Divn.	IBC	Lawngtlai Divn.
38	Vanlalhruaii	Sweeper	21st April,2016	Khawzawl Divn.	Sweeper	Khawzawl Divn.
39	C.Vanlalhuma	Chain Man	21st April,2016	Lunglei Divn.	IBC	Lunglei Divn.
40	Varzikpuii	Sweeper	21st April,2016	Serchhip Divn.	Peon	Serchhip Divn .
41	Rokhuma	D/R	21st April,2016	Khawzawl Divn.	Chowkidar	Champhai Divn
42	Chuangkimi	Sweeper	21st April,2016	Serchhip Divn.	Peon	Serchhip Divn.
43	Lalneihluanga	IBC	21st April,2016	Saitual Divn.	Chowkidar	Saitual Divn.
44	Lalringliana	Lab.attendant	21st April,2016	Quality Control Divn.	Chowkidar	Quality Control Divn.

3.9 Muster Roll Regularisation

Sl.No.	Name	Designation	Date of regularisation	Place of posting.
1	T.Lalhmunliana	M/R Draftsman-III	27.9.2016	Project Dn.II
2	T.Lalramdinsanga	M/R Draftsman-III	27.9.2016	Project Circle (attached to E-in-C Office)

3.10 REGULARISATION (2016 - 2017) (1.4.2016 to 31.3.2017)

Sl.No	Name	Designation	Date of Regularisation	Remarks
REGULARISED FROM MUSTER ROLL EMPLOYEES				
1	F.Patluangpuia	JE(Civil)	28.7.2016	
2	HC Lalinmawii	JE(Civil)	28.7.2016	
3	C Lalmangaihzuala	JE(Civil)	28.7.2016	
4	Lalrothangi	JE(Civil)	28.7.2016	
REGULARISED FROM CONTRACT EMPLOYEES				
1	RK Ngursangliana	JE(Civil)	20.1.2017	
REGULARISED FROM WORKCHARGED EMPLOYEES				
1	Vanlalmuana	SA	13.7.2016	
2	Lalduhbika	SA	13.7.2016	
3	K Lalramliana	SA	13.7.2016	
4	T Lalenzama	SA	13.7.2016	
5	H Vanlalrova	SA	13.7.2016	
6	Malsawmngentluanga	SA	13.7.2016	
7	Zohmingliana	SA	13.7.2016	
8	R Lalhriatkima	SA	13.7.2016	
9	K.Hminglianzuala	SA	13.7.2016	
10	Lalnginglova Ralte	SA	13.7.2016	

4. PENSION & RETIREMENT :-

During the reporting year 2016-17, **Five (5)** officers of the department serving in various capacities have reached the age of superannuation and have gone on superannuation/ pension. Given below is a list of officers and staff of the department who had gone on superannuation/ pension.

4.1 OFFICERS PENSION DURING 2016 – 2017 :

Sl.No	Name	Designation	Date of Retirement	Remarks
1	Antony C.J	E.E.(Voluntary Pension)	01.05.2016	
2	C.Thanchuanga	Sr.Arch (Voluntary Pension)	01.09.2016	
3	F.Lalhmunsiamia	S.E (Sup.Pension)	28.02.2017	
4	R.Lalzidinga	S.DO(Sup.Pension)	28.02.2017	
5	Maipa	JAG(NF) Sup.Pension	31.03.2017	

4.2 RETIREMENT (2016 - 2017) (1.4.2016 to 31.3.2017)

Sl.No	Name	Designation	Date of Retirement	Remarks
1	Lalnuna	JE(Civil)	30.4.2016	
2	H.Lalrothanga	JE(Civil)	31.5.2016	
3	Nunchungnunga Sailo	JE(Civil)	30.6.2016	
4	Ngurroliana	JE(Elect)	31.7.2016	
5	Lalthanpuia Pachuau	JE(Civil)	31.10.2016	
6	Thanbanglova	JE(Civil)	30.11.2016	
7	Lalhmachhuani	JE(Civil)	30.11.2016	
8	Vankhuma	JE(Civil)	31.12.2016	
9	Lalthanzauvi	JE(Civil)	31.12.2016	
10	H.Lalchhuanawma	JE(Civil)	31.1.2017	
11	C.Lalbiakthanga	JE(Civil)	28.2.2017	
12	Chhilua Solo	JE(Civil)	28.2.2017	
13	Lalthanhkira	JE(Civil)	28.2.2017	
14	PC Neihkima	JE(Civil)	28.2.2017	
15	VL Hnemi	SA	30.6.2016	
16	Kawramthanga	SA	30.6.2016	
17	P Sangliana	SA	31.8.2016	
18	Lalrinmawii	SA	30.9.2016	
19	Lalsangliana	SA	31.10.2016	
20	V Vanlaltluanga	SA	28.2.2017	
21	Lalremliani	SA	28.2.2017	
22	Zoramawia	SA	28.2.2017	
23	Chawngsiamia	SA	28.2.2017	
24	Saithangpuii	Mechanic Gr - I	31.7.2016	
25	C Biakthansiami	LDC	1.9.2016	
26	Tlanglawmthanga	OS - II	31.12.2016	
27	Vanlalruati	LDC	28.2.2017	

4.3 Superannuation pension (S.P.)

Sl.No	Name	Designation	Date of death/retirement	Place of posting	Remarks
1	Ramchanran Kumar	Driver	30.4.2016	NH-II	S.P.
2	F.Rokima	Driver	31.5.2016	Mamit	SP
3	Khawvelthanga	Carpenter	30.4.2016	Building Dn	SP
4	Zokunga	Chowkidar	31.10.2016	Hmuifang Dn.	S.P.
5	K.Lalrokunga	IB Chowkidar	1.12.2016	Kawrthah	V.R.
6	C.lalhmimgawia	Peon	31.12.2016	Lunglei Circle	S.P.
7	Lalchhuana Sailo	Peon	31.12.2016	Lunglei Divn.	S.P.
8	Lalhmuaki	Peon	30.4.2016	NH Dn.II	S.P.
9	Chawikunga	Peon	30.4.2016	Building	S.P.
10	Zamliaana	Peon	30.6.2016	CE Highway	S.P.
11	Lalthangliana	Jugali	31.12.2016	Lunglei Electrical	S.P.
12	K.Zodingliana	DM.II	1.1.2017	Western Circle	S.P.
13	Budhan Tudu	Jugali	28.2.2017	Aizawl electrical Dn.	S.P.
14	Vanlalsawma	Peon	31.1.2017	SE Building	S.P.
15	Hranghnuna	Driver	31.1.2017	Kolasib	S.P.
16	Lalchhuana	IB Chowkidar	28.2.2017	Serchhip	S.P.
17	Lalmawia	Duftry	28.2.2017	Kawrthah	S.P.
18	C.Vanthuama	Peon	31.3.2017	Road North	S.P.
19	H.T.Lalnunthara	Chowkidar	31.3.2017	Mechanical Dn.	S.P.
20	Lalhmingliana	Peon	31.3.2017	Road North	S.P.

5.1 EXPIRED DURING 2016-2017

Sl.No	Name	Designation	Date of Expiry	Remarks
1	Zodingliana	E.E	08.04.2016	

5.2 EXPIRED DURING (2016 - 2017)

Sl.No	Name	Designation	Date of Expiry	Remarks/ Division
1	F.Zaithuama	JE(CIVIL)	8.4.2016	
2	R.Lalthlengliana	JE(CIVIL)	14.4.2016	
3	B.Lalhlimpuia	JE(CIVIL)	15.5.2016	
4	Lalliannengi Fanai	JE(CIVIL)	8.6.2016	
5	Lalrosanga	JE(CIVIL)	17.6.2016	
6	Vanlalmalsawma	JE(CIVIL)	9.9.2016	
7	VLMS Zarzokimliana	SA	22.4.2016	
8	RK Rosangliana	SA	25.6.2016	
9	KC Lalhlimpuia	SA	22.7.2016	
10	K Hminglianazuala	SA	25.11.2016	
11	Vanlalthatpuia	SA	23.11.2016	
12	F Lalrinawmi	LDC	28.7.2016	
13	C Lalthansanga	LDC	17.8.2016	

14	Lalbiakliana	Mech Gr - II	11.10.2016	
15	Zothlamuana	Driver	2.6.2016	Hmuifang Dn.
16	Lalhmingliana Sailo	Driver	18.8.2016	Lunglei Building
17	Turku Tudu	Chowkidar	28.9.2016	Kolasib
18	Lalngaihawma	Peon	11.10.2016	Road South
19	Hauthuama	Driver	22.10.2016	E-in-C
20	Vanlalvena	Handyman	9.10.2016	Khawzawl Dn.
21	K.Lalthlamuana	Chowkidar	5.12.2016	Tlabung Dn.
22	Thanzuala	Chowkidar	27.4.2016	Lunglei Building Dn.
23	Sawikungi	Sweeper	11.5.2016	Building Dn.
24	Gondhi Manji	Jugali	28.11.2016	Electrical,Aizawl
25	Lalduhawma	DM.II	9.1.2017	CE Buildings

**Important
contact numbers
of PWD Offices**

Principal Secretary	-	(0389) 2322163
Engineer-in-Chief	-	(0389) 2322176
CE, Roads	-	2325724
CE, Highways	-	2326205
CE, Buildings	-	2301538
CE, Planning, E-in-C's Office	-	
Chief Architect, E-in-C's Office	-	2322891
Joint Secretary	-	2325482
SE, Multi Modal Project Circle	-	
SE, National Highway Circle-I	-	2347189
SE, National Highway Circle-II	-	
SE, Eastern Circle	-	2396191
SE, Project Circle	-	2314169
SE, Building Circle	-	2323346
SE, Western Circle	-	2398991
SE, Mechanical Circle	-	2391090
Project Director, PIU	-	2324001
SE, Lunglei Circle	-	(0372) 2324720
SE(P), E-in-C's Office	-	2325723
SE(M), E-in-C's Office	-	2310122
SE(P&W), CE, Roads' Office	-	2324003
SE(P&W), CE, Highways' Office	-	2328047
SE(P&W), CE, Buildings' Office	-	2301539
EPABX	-	(0389) 2324002/ 2324005/ 2323350/ 2325054

PWD

Chapter 12

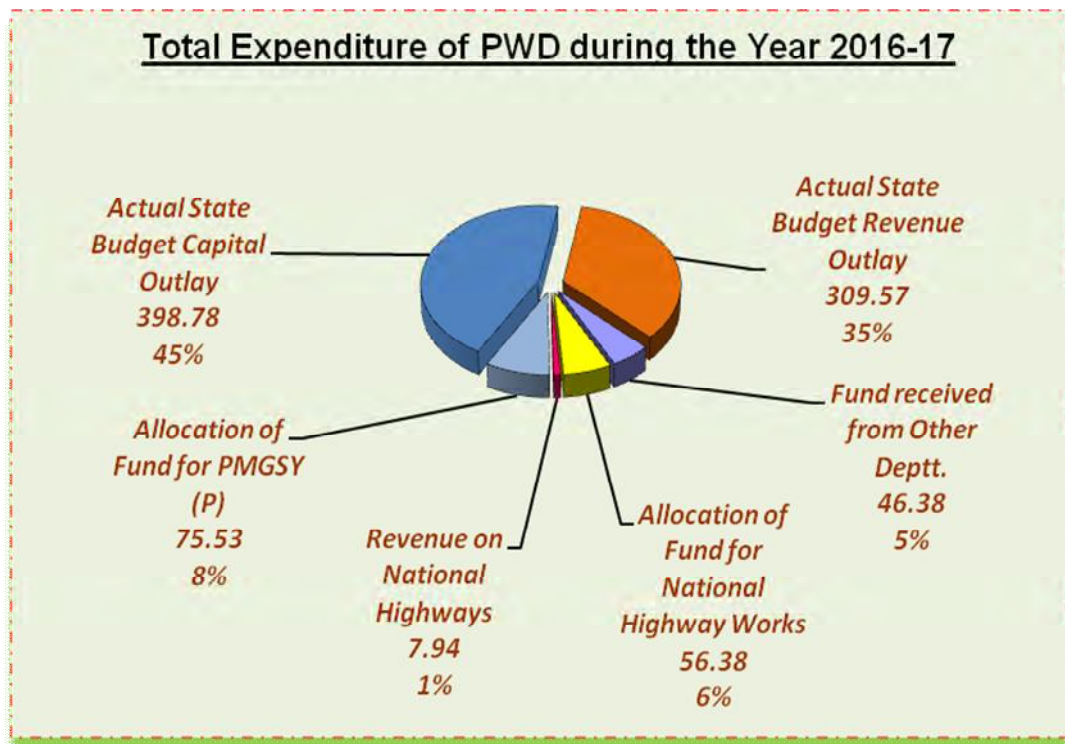
FINANCIAL STATEMENTS

In the 2016-17 fiscal, the PWD received a total of ^ 894.58 crores from State and Central Governments and external aid agencies for the construction and maintenance of roads, bridges and buildings in Mizoram. Another ^ 75.53 crores for PMGSY works and ^ 56.38 crores for National Highway Works with its revenue of Rs 7.94 Cr. Thus making a grand total of ^ 894.57 crores.

11.1 TOTAL PWD EXPENDITURE :

The total PWD Expenditure, ^ 894.58 crores during the year 2016-17 is shown in the following Table and Chart :

SI/No	Name of Fund	Expenditure
1	Allocation of Fund for National Highway Works	56.38
2	Revenue on National Highways	7.94
3	Allocation of Fund for PMGSY (P)	75.53
4	Actual State Budget Capital Outlay	398.78
5	Actual State Budget Revenue Outlay	309.57
6	Fund received from Other Deptt.	46.38
Total		894.58



11.2 PMGSY :

The financial expenditure under PMGSY Fund may be shown in the following Table :

Sl. No.	Head	Opening Balance as on 31.03.2016	Receipt During the reported Year		
			Govt. of India	State Matching Share	Interest & Misc. Receipt
1	2	3	4	5	6
1	Administrative Expenses Fund	51.87	66.65	6.00	2.54
2	Programme Fund	2,355.40	9,286.25	1,472.22	36.25
	Total	2,407.27	9,352.90	1,478.22	38.79

(Rs. In Lakh)

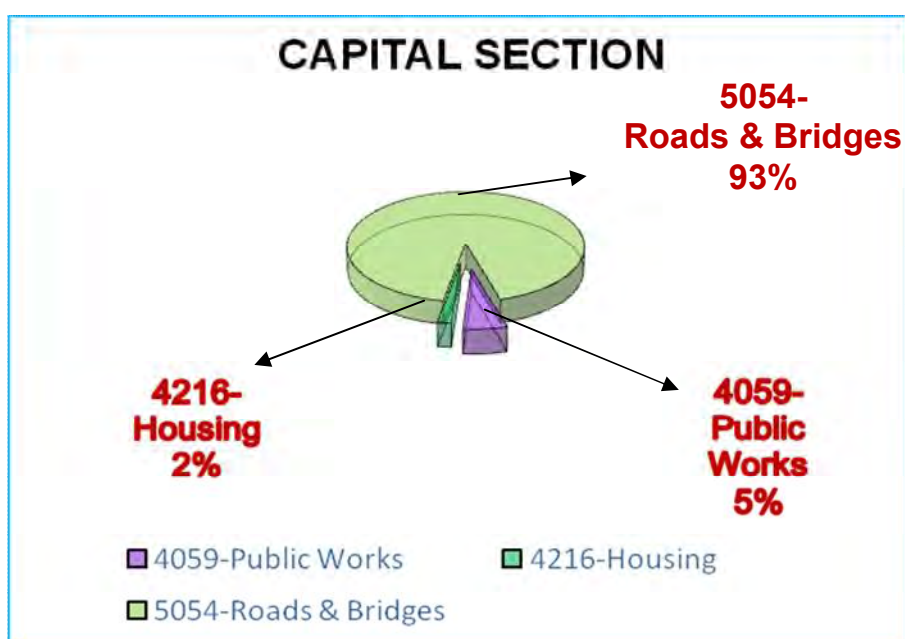
Total Fund Available for the year	Expenditure during the year	Closing Balance
7	8	9
127.05	60.05	67.00
13,150.13	7,493.06	5,657.06
13,277.18	7,553.11	5,724.06

11.3 Capital Outlays :

The total Capital fund received during the year 2016-17 was ^ 39,877.94 lakhs from Plan and Non-Plan, details of Capital with each Heads may be shown in table and chart as below :

Rs in Lakhs

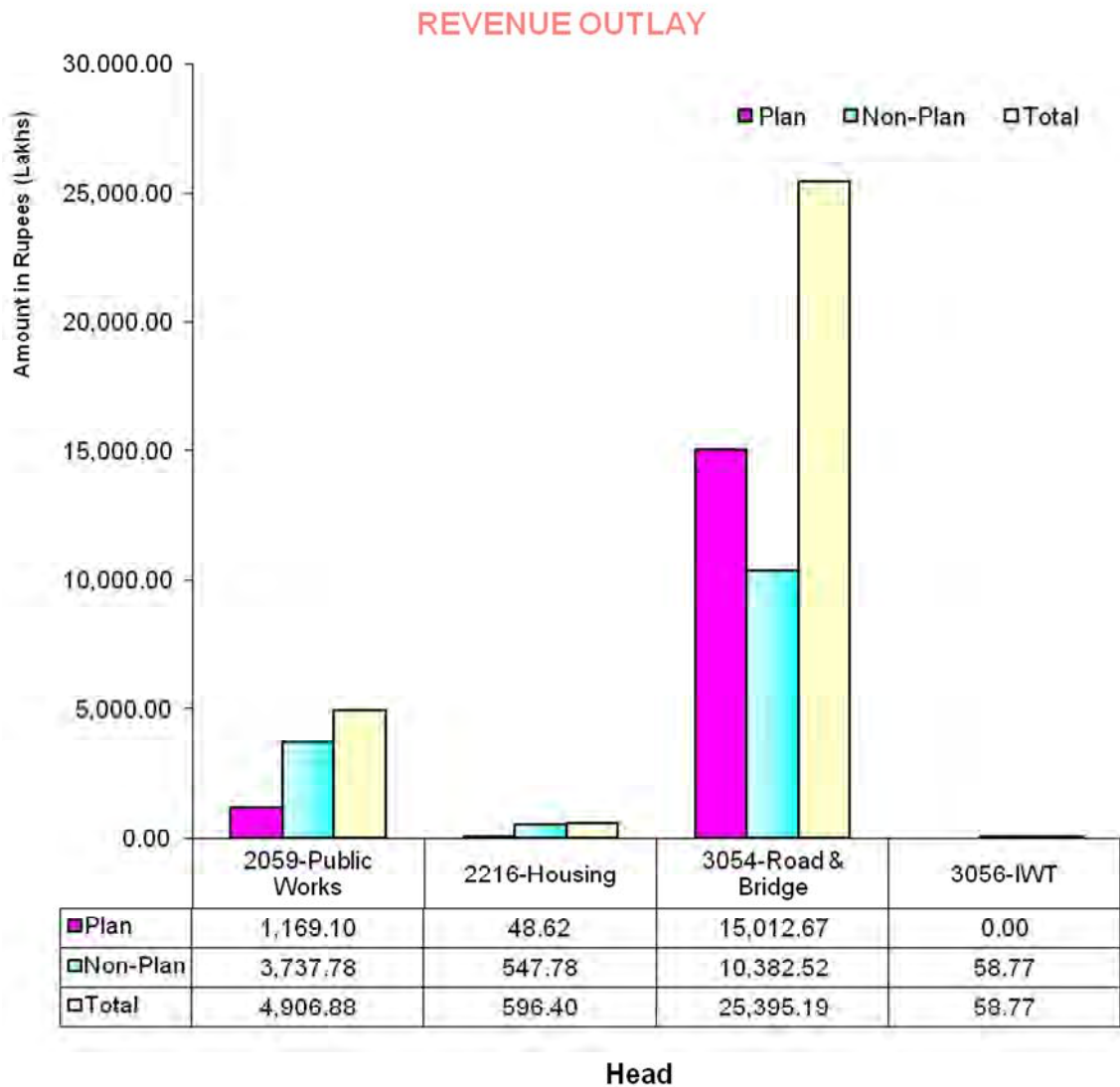
Srl. No.	Head	Plan	Non-Plan	Total
1	4059-Public Works	2,207.04	2.21	2,209.25
2	4216-Housing	697.01	0.00	697.01
6	5054-Roads & Bridges	36,971.68	0.00	36,971.68
	Total	39,875.73	2.21	39,877.94



11.4 Revenue Outlay :

The total PWD Revenue during the year 2016-17 was ^ 30,957.24 lakhs and the details are shown as below :

Srl. No.	Head	Plan	Non-Plan	Total
1	2059-Public Works	1,169.10	3,737.78	4,906.88
2	2216-Housing	48.62	547.78	596.40
3	3054-Road & Bridge	15,012.67	10,382.52	25,395.19
4	3056-IWT	0.00	58.77	58.77
	Total	16,230.39	14,726.85	30,957.24

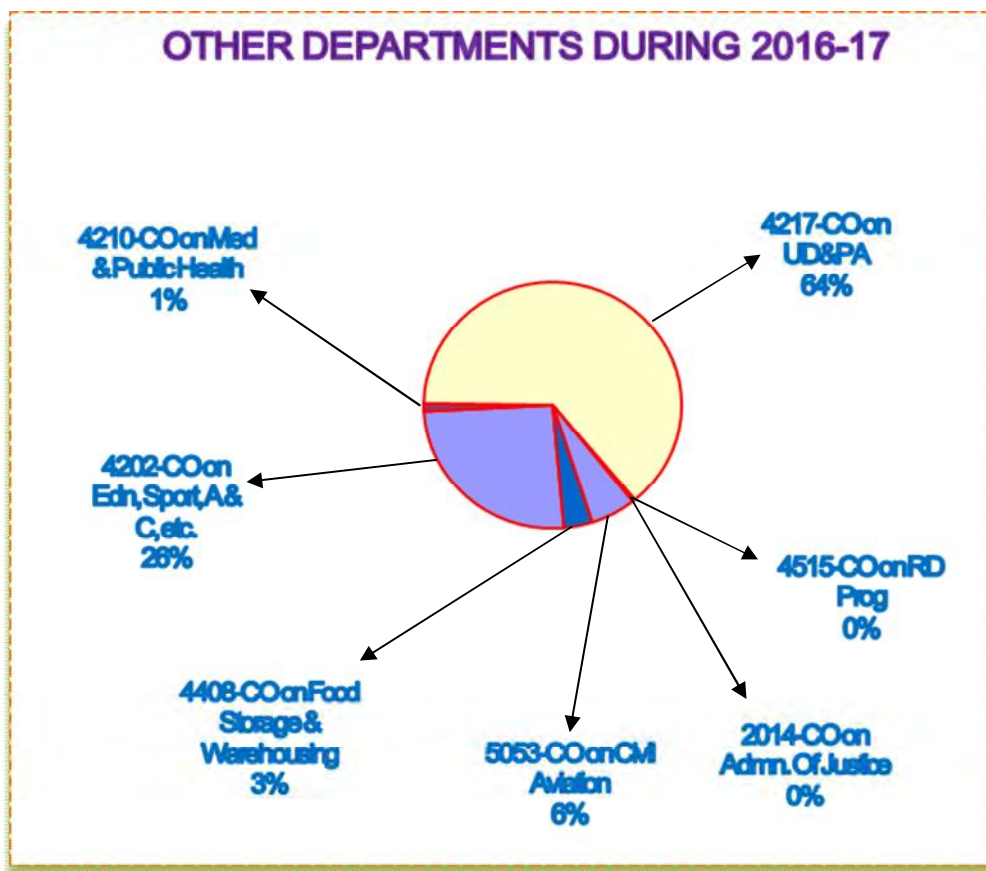


11.5 Other Departments :

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 2016-17, ^ 4,637.72 lakhs of Funds from Plan and Non-Plan were allocated to the PWD for this purpose. The details of its statement are shown in table and chart as follows :

(Rs in Lakhs)

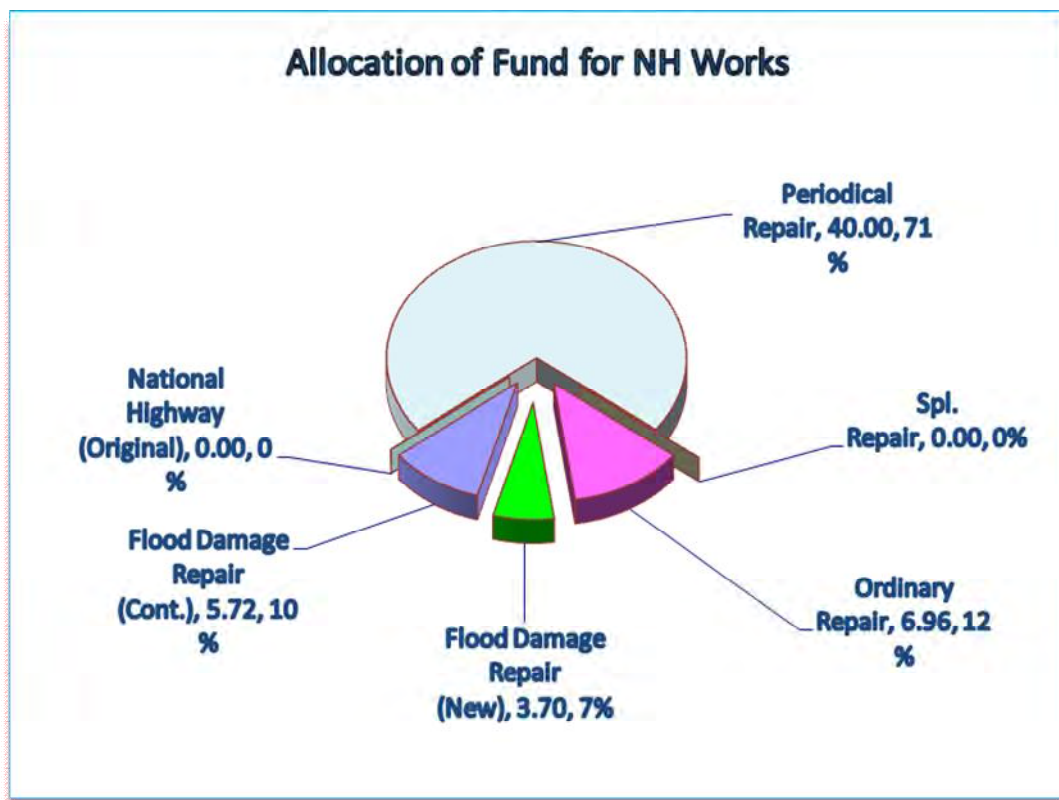
Srl. No.	Head	Plan	Non-Plan	Total
1	4202-CO on Edn, Sport, A & C, etc.	1,178.35	0.00	1,178.35
2	4210-CO on Med & Public Health	47.66	0.00	47.66
3	4217-CO on UD&PA	2,937.00	0.00	2,937.00
4	4515-CO on RD Prog	15.51	0.00	15.51
5	2014-CO on Admn. Of Justice	0.00	33.21	33.21
6	5053-CO on Civil Aviation	262.16	0.00	262.16
7	4408-CO on Food Storage & Warehousing	163.83	0.00	163.83
	Total	4,604.51	33.21	4,637.72



11.6 National Highways : The total of ^ 56.38 crores had been received during the reported year. The detail distribution of Fund was shown as below :

(Rs in Crore)

Srl/No.	Head	Allocation of Fund
1	2	3
1	National Highway (Original)	0.00
2	Periodical Repair	40.00
3	Spl. Repair	0.00
4	Ordinary Repair	6.96
5	Flood Damage Repair (New)	3.70
6	Flood Damage Repair (Cont.)	5.72
	Total	56.38



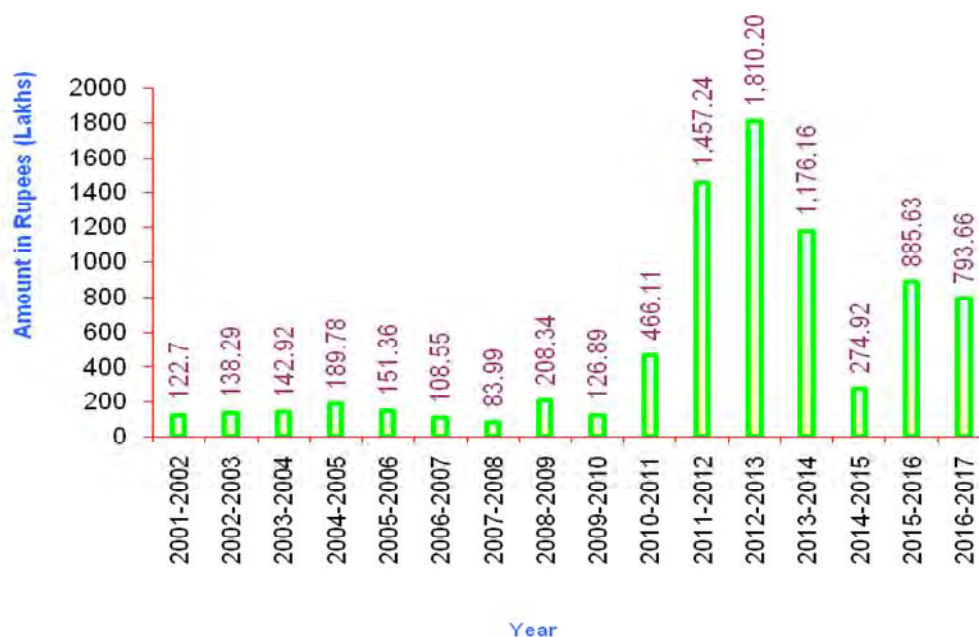
11.7. REVENUE EARNED BY MIZORAM PWD UNDER NH WORKS FROM AGENCY CHARGES :

The Total Revenue earned on 9% Agency Chargees during the year 2016-17 received from HN Works was Rs 793.66 lakhs only. The amounts received right from 2001 – 2017 are shown below in Table and Chart.

Rs in Lakhs

Sl. No.	Year	Amount
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
	Total	8136.74

Revenue earned by Mizoram PWD on NH Works



Chapter 13

GENERAL INFORMATION

MIZORAM AT A GLANCE *:

S/N	Particulars	Figure	Unit
1	State Capital	Aizawl	
2	Geographical Area	21081	Sq km
3	Geographical Location		
	i) Longitude	92.15°E to 93.29°E	degree
	ii) Latitude	21.58°N to 24.35°N	degree
4	Length		
	i) North to South	277	Km
	ii) East to West	121	Km
5	International Borders		
	i) With Myanmar	404	Km
	ii) With Bangladesh	318	Km
6	Inter-State Borders		
	i) With Assam	123	Km
	ii) With Tripura	66	Km
	iii) With Manipur	95	Km
7	Administrative Set-up		
	i) District	8	Nos.
	ii) Autonomous District Council	3	Nos.
	iii) Sub-Division	23	Nos.
	iv) RD Block	26	Nos.
	v) Total Villages (2011 Census)	830	Nos.
	a) Inhabited	704	Nos.
	b) Uninhabited	126	Nos.
8	Population as per 2011 Census		
	i) Persons	10,97,206	Nos.
	ii) Male	5,55,339	Nos.
	iii) Female	5,41,867	Nos.
	iv) Rural	5,25,435	Nos.
	vi) Urban	5,71,771	Nos.
9	Decadal Population Growth (1991-2011)		
	Absolute	2,08,633	Nos.
	Percentage	23.48	%
	Population Density	52	Per sqkm
	Sex Ratio	976	Female per 1000 male
10	Literacy percentage	91.33	%
11	Annual Rainfall in Mizoram	190.6 in mm(2012)	201.9 in mm (2013)

* indicated record of Mizoram Statistical Handbook 2008.

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