

# **TOWARDS EFFECTIVE & EFFICIENT DELIVERY SYSTEM**

## **GETTING THINGS DONE PLANNING & IMPLEMENTATION**

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SECRETARY - GENERAL  
MINISTRY OF WORKS  
MALAYSIA**

**18 DECEMBER 2008**

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# **1. Introduction to Ministry of Works (MoW)**

# 1. INTRODUCTION TO THE MINISTRY OF WORKS MALAYSIA (MoW)



# 1. INTRODUCTION TO THE MINISTRY OF WORKS MALAYSIA (MoW) (continued)



## Minister:

YB Dato' Ir. Mohd Zin b. Mohamed

## Deputy Minister

YB Dato' Yong Khoo Seng

## Secretary General:

Y.Bhg. Dato' Sri Dr. Abdul Munit bin Kasmin

## Address:

Ministry Of Works, Jalan Sultan Salahuddin, 50580 Kuala Lumpur, Malaysia.

**Website :** <http://www.kkr.gov.my>

## Contact:

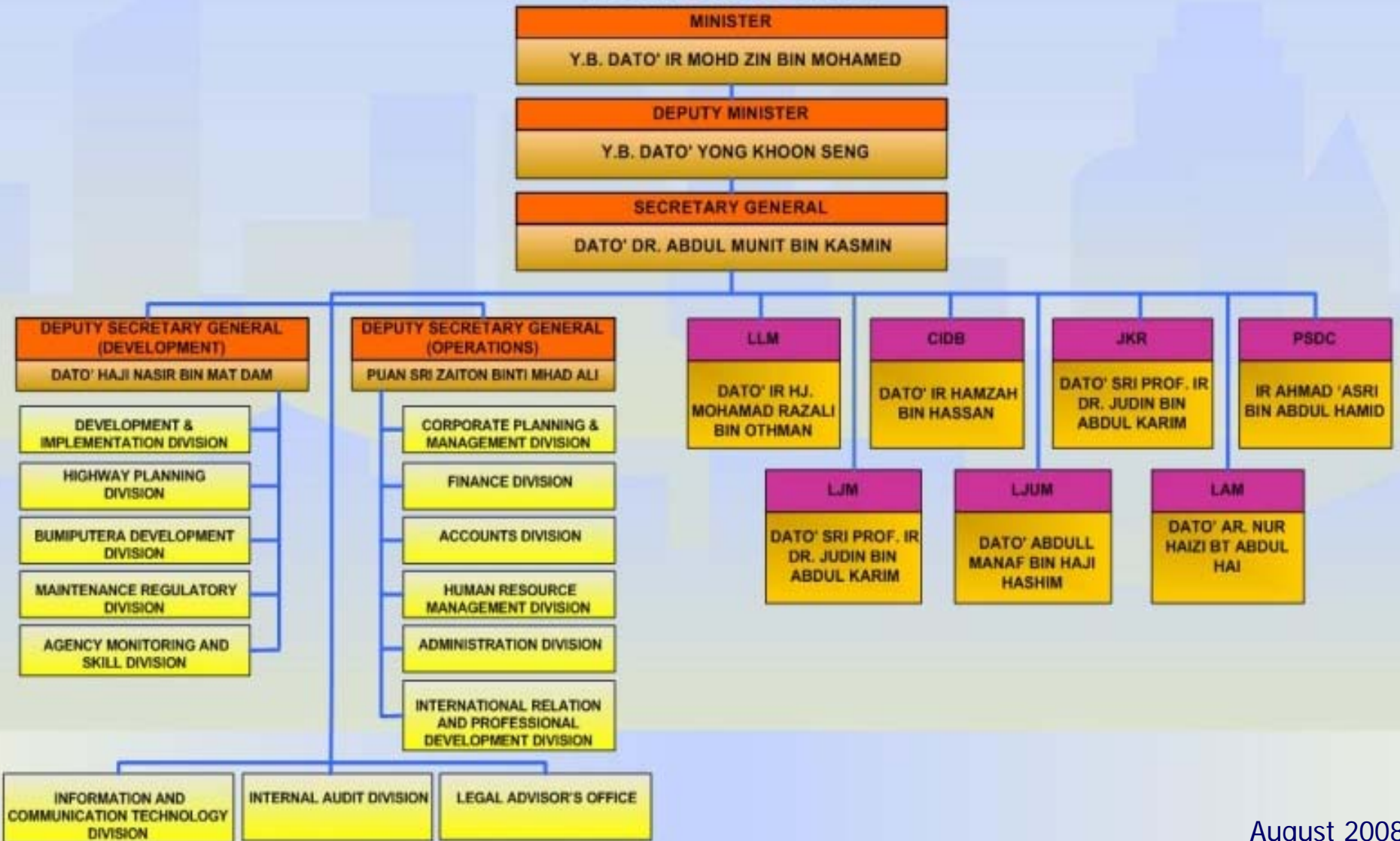
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# ORGANISATION CHART MINISTRY OF WORKS MALAYSIA



# Legal Framework of Establishing MoW

## List Related of Laws and Circulars

1. Federal Constitution
2. Minister's Function Act [Act 2] Federal Minister's Orders (no.2 )2008
3. General Circular No. 2, 1982
4. General Circular No.3, 1998
5. Government Contract Act 1949 (rev. 1979) [120 Act]
6. Federal Road Act 1959 [376 Act]
7. National land Code 1965
8. Federal Road Act (Individual management) 1984 [306 Act]
9. Road Transport Act 1987 [333 Act]
10. Delegation of Power Act 1956 [358 Act] Delegation of Power under Section 77, 84, 85, and 85A Road Transport Act 1987
11. Malaysian Highway Authority Act 1980 [231 Act]
12. CIDB Act 1994 [520 Act]
13. Chapter a, (P.U (A) 176/2005) Civil Officer Regulation (Appointment, Promotion and Termination of Services) 2005
14. Letter of Appointment as Controlling Officer BNPK CR(8.15) 152-4 Jld.2 dated 17 April 2008.

# FUNCTIONS OF MoW

(in accordance to the Functions of Works Minister)

- To plan and implement road projects especially of Federal roads;
- To coordinate and monitor the implementation of the road projects especially of Federal roads;
- To coordinate and monitor divisions/agencies under MoW;
- To provide advisory and support services to other agencies of Government;
- To regulate construction, operation and maintenance of privatized highways;
- To develop construction and related industries;
- To enhance the skills of workforce in the construction industries.
- Secretariat to National Industrialized Building System (IBS) technology



# MoW VISION



To be an outstanding organization in the infrastructure development of Malaysia especially in the construction of Federal Roads and assisting its agencies to elevate the construction and professional services industry to world-class standards.

# MoW MISSION



To ensure that the infrastructure development of Malaysia especially that of Federal Roads is planned, implemented and maintained efficiently and is of the highest quality as well as providing advisory and supporting services to its agencies in developing the construction and professional services industry.

**OUTPUT**

**OUTCOME/IMPACT**

- Integrated Federal Road planning and implementation according to schedule, scope, cost, specification and standard defined.
- Maintenance of Federal Road and Building in accordance to concessionaires agreement.
- Actively involvement of Bumi's contractors / suppliers in national construction industry.
- Secretariat to National Industrialized Building System (IBS)

**TO GENERATE THE GROWTH IN COUNTRY'S ECONOMY & TO INCREASE THE PEOPLE'S QUALITY OF LIFE STANDARD**

**DIVISION ANNUAL ACTION PLAN**

**MoW ORGANIZATION STRATEGIC PLANNING (PSO)**

**JKR**

**CIDB**

**LLM**

**PSDC**

**LJM**

**LAM**

**LJBM**

PLANNING

IMPLEMENTATION

MONITORING

ASSESSMENT

MAINTENANCE

**MoW MAIN ACTIVITY [BPJ, BPP, BKS, BPB]**

Administration strategy

Human Resources Strategic Planning

Information Technology Strategic planning (ISP)

Finance and Acaun Strategy

Internal Audit Strategy

International Relation Strategy and Professional

Surveillance agency strategy and Expertise

Law Strategy

**Inter-relation between main activity, supporting activity with agencies' strategic planning in MoW**

**MoW SUPPORTING ACTIVITY**

# Focus Of MoW

- All roads which have been declared and gazetted as Federal Road.
- The declaration should be in accordance to Federal Road Act 1959 (Revised 1989) [Act 376]

# AUTHORITY OF MoW

## FEDERAL ROAD ACT 1959 (REVISED 1989) [ACT 376]

Section	TERM	METHOD
3	<p><b>Power to declare roads, etc., to be federal.</b></p> <p>The Minister may after consultation with the Government of the State concerned, by order declare any road, bridge, ferry or other means of communication in any State to be Federal.</p>	<p>By the order published in the Gazette.</p>

This Act will give Minister of Works;

1. An authority to use Federal Fund given to the Ministry in developing Federal Roads.
2. An authority to manage and maintain Federal Roads as in accordance to Road Transport Act 1987 [Act 377]

# **AUTHORITY OF MoW**

## **(continued)**

**From ROAD TRANSPORT ACT 1987 (ACT 377]**

**The Minister of Works is authorize to;**

- a. **Determine Speed limits, Section 69.**
- b. **To restrict use of vehicles on specified roads, Section 70.**
- c. **Accommodate Pedestrian crossings, Section 75.**
- d. **Erection of traffic signs, Section 77.**
- e. **To erect refuges, subways and foot-bridges, Section 83.**
- f. **To remove structures from roads, Section 84.**
- g. **Construction of access and drains and laying of public utility installations to existing roads, Section 85.**
- h. **Construction of structures for advertisement, etc, Section 85A.**
- i. **Restriction of vehicles on bridges, Section 86.**
- j. **To impose Rules, Section 88.**

# Explanation to the FEDERAL ROAD ACT 1959 (REVISED 1989) [ACT 376]

- The Act explains that the Minister Of Works is the owner of the Federal Roads;
- Thus Ministry of Works (MoW) is responsible to plan, implement, maintain and develop all Federal Road using Federal Fund;
- To maintain all Federal Road in accordance to Road Transport Act 1987 [377 Act];
- However MoW will continue its policy by appointing Public of Works Department (PWD) as his strategic implementation agency;
- An official letter of the appointment will be issued.



# Explanation to the General Circular No.2, 1982

- Secretary General of MoW is:-
  - The Chief Executive Officer of the Ministry;
  - The Financial Controlling Officer for the allocation given to the Ministry;
  - The Head for the Development and Maintenance projects on the Federal Roads.
- Development includes approving projects and maintenance works of the Federal Road.
- Public Works Department (PWD) will be appointed by MoW to implement the projects.

# Types of Federal Roads

Types Of Roads	Owner	Road No.
1. Main Federal Road	MoW	1, 3, 21, 22, 25, - 228, 800 – 803 (Sarawak), 500 – 503 (Sabah), 700 – 731 (Labuan)
2. FELDA Road	MoW	1000 - 2748
3. Industry Road	MoW	3000 - 3740
4. Access to Institutional	MoW	250 - 479
5. Tolloed Expressway	MoW	E1 – E 30
6. State Road	State Govt.	Denoted with state's alphabet followed by its own number; eg B15, A4 etc.

# Statistics

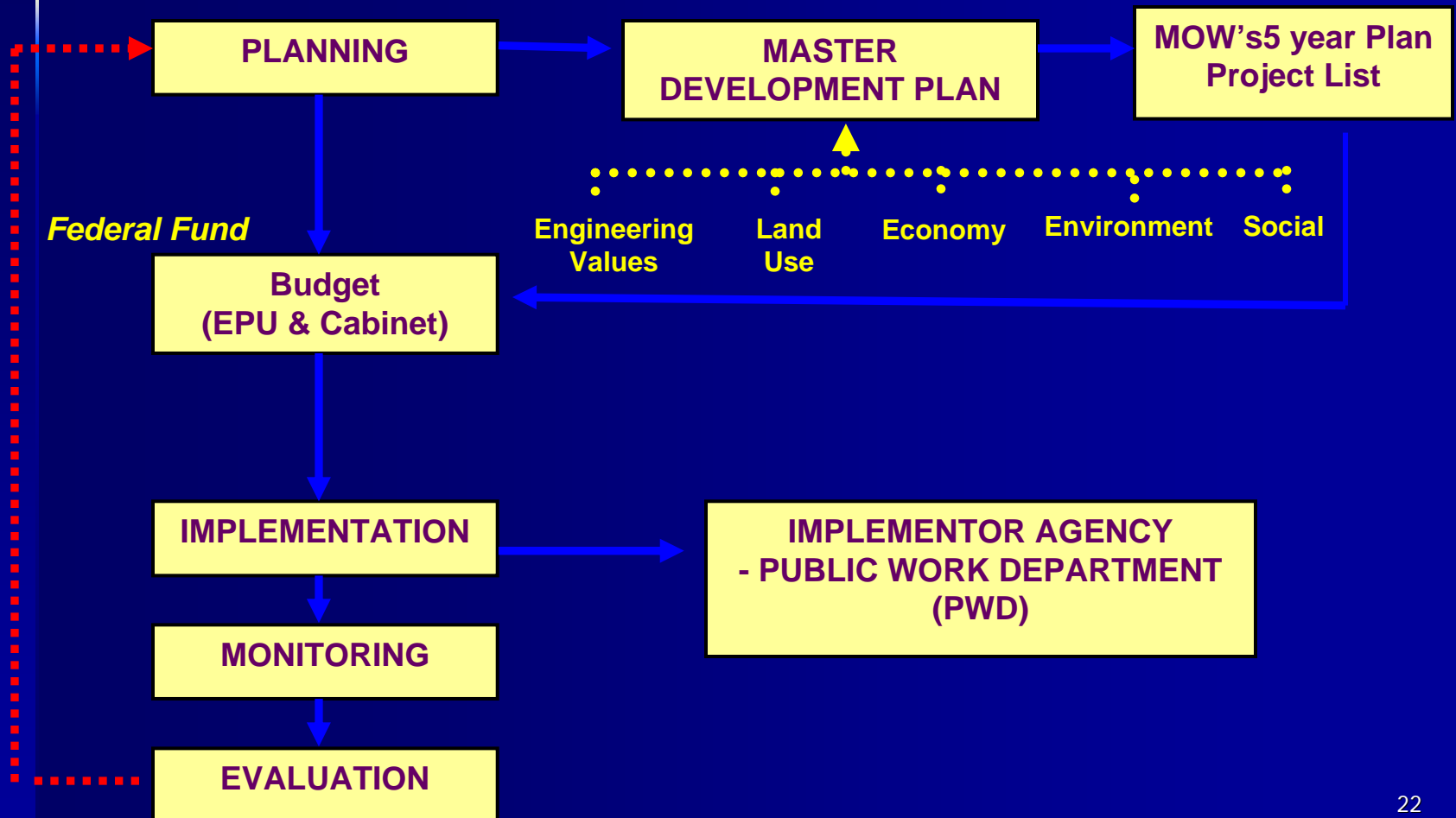
- Federal Roads Under MoW Jurisdiction
  - Main Federal Roads - 10,673 km;
  - Felda Roads – 5,645 km
  - Industry roads – 404 km
  - Institutional roads – 385 km.
- Total of 17,107 km (2008)
- Another 1,200 km in process of being transferred to Federal jurisdiction.

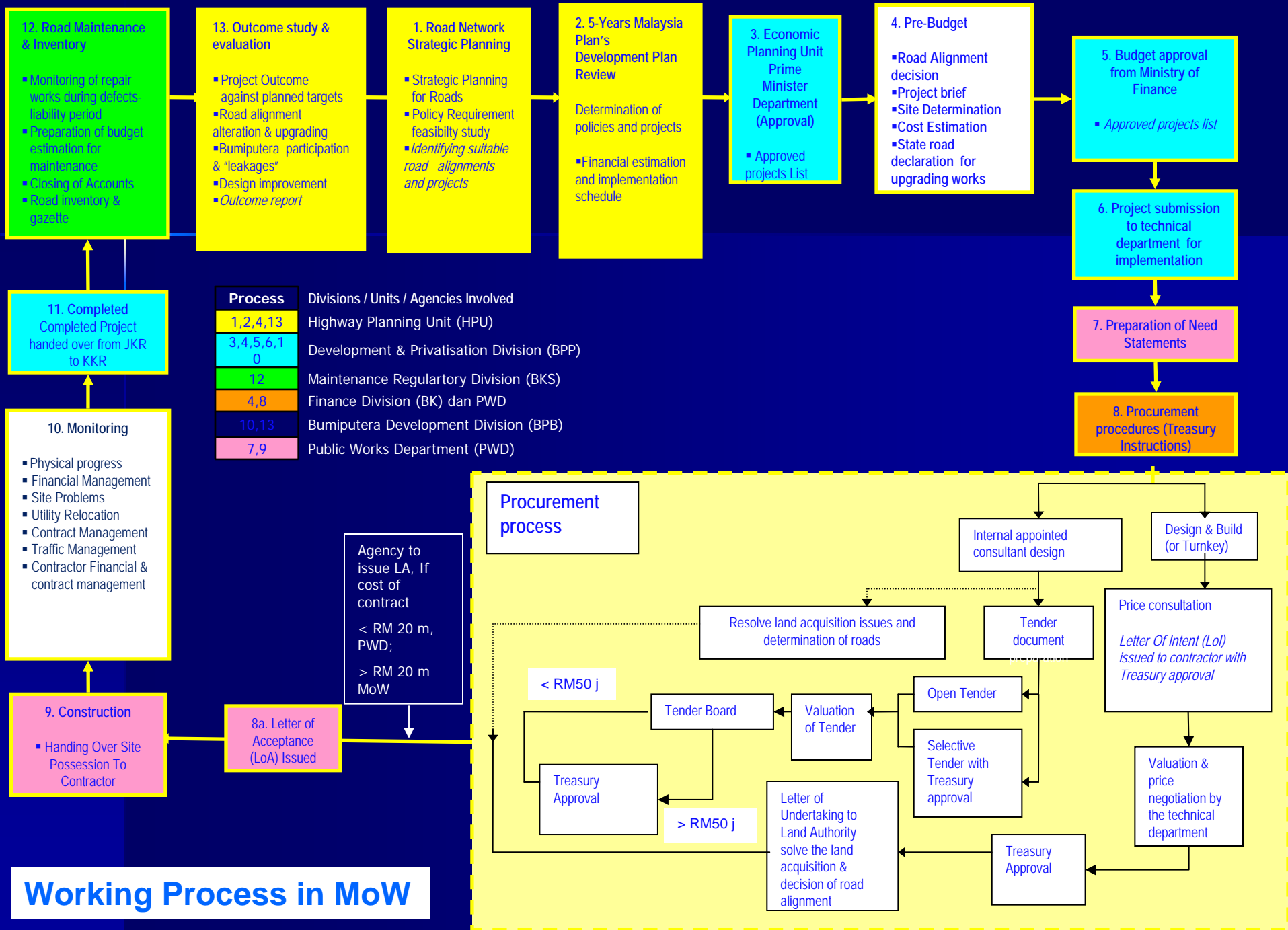
# MoW's Strategic Implementation Agency and its Region Coverage

<b>Agencies</b>	<b>Region Coverage</b>
1. Federal Public Works Department	Peninsular of Malaysia
2. Sabah Public Works Department	Sabah
3. Sarawak Public Works Department	Sarawak

## **2. MoW Strategic Direction for the 9<sup>th</sup> Malaysian Plan**

# DEVELOPMENT PLANNING PROCESS IN MoW





# Conclusion

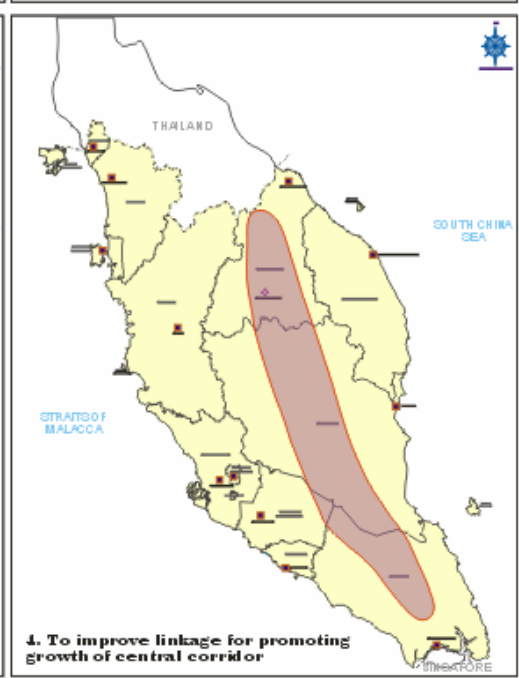
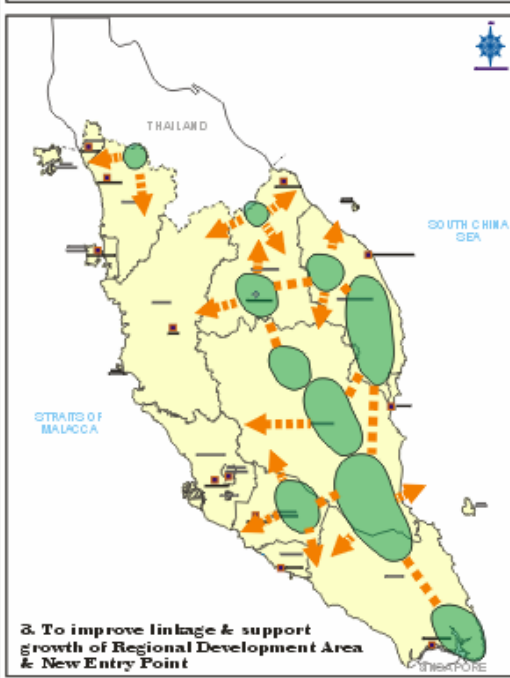
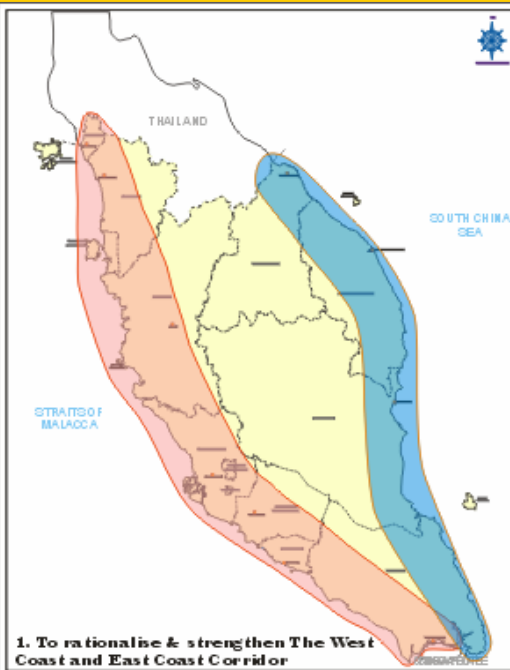
## Type of Works and Approval Division/Agency

Type of works	Approving division / agency
1. Notification of implementing project	MoW
2. Need statement	MoW
3. Consultant	MoW
4. Type of procurement	MoW
5. Letter of Acceptance	PWD (however, for contract cost > RM 20m, a letter of delegation of power from minister is required),
6. Implementation	PWD
7. Monitoring	MoW
8 Handing Over	PWD



# **9<sup>th</sup> Malaysia Plan Road Development Concept**

# HNDP Phase 1: Conceptual Development



- **To Strengthen the West Coast Network and East Coast Network**
  - The Existing FR1, FR5 and NSE for the West Coast and FR3 and East Coast Expressway for the East Coast should be further strengthen.
  - Development of Ring Roads and Bypass
- **To Improve and Strengthening the East West Movement**
  - Enhance of Small Development Centre and provide alternative movement of traffic during major road mishap
- **To Improve Linkages and Support Growth of Regional Development**
  - More accessibility to regional land development and new entry points
- **To Improve Linkage for Promoting Growth of the Central Corridor**
  - Definitive clear road network hierarchy

# CONCEPTUAL REGIONAL HIGHWAY CONFIGURATION PLAN FOR PENINSULAR MALAYSIA

Summary of Projects (2006-2020)



Project Description	Length (km)
Road Upgrading and Widening	3,741 (61%)
New Roads	2,379 (39%)
<b>Total</b>	<b>6,120 (100%)</b>

# 9<sup>th</sup> Malaysia Plan emphasized:

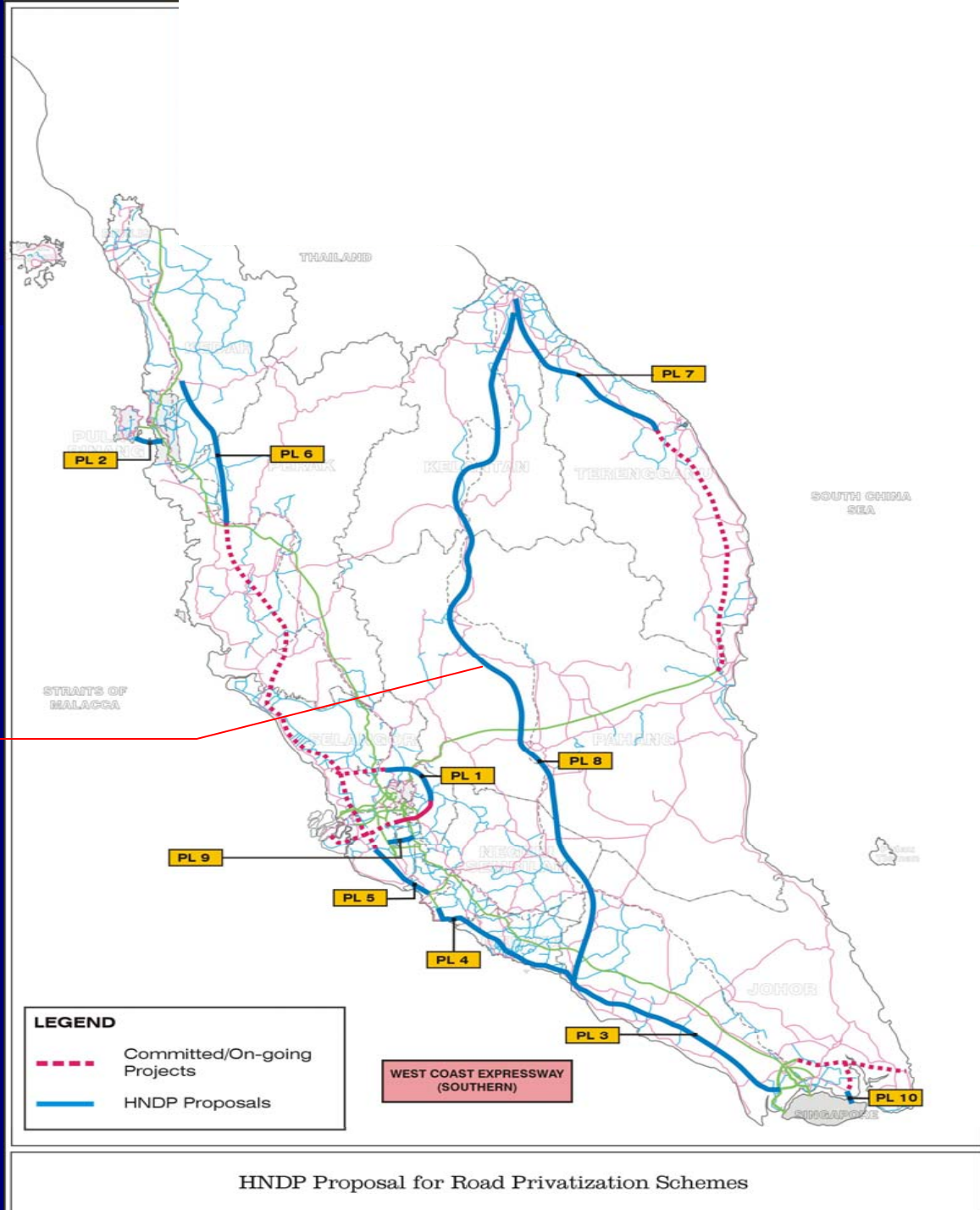
To improve the standard and sustainability of quality of life;

- To strengthen institutional and implementation capacity
  - To complete road network and to ensure better connectivity between urban growth centers;
  - Complete 8<sup>th</sup> MP continuation projects;
  - Concept of development with human touch (people-centered development);
  - Enhanced road safety;
  - Improved facilities for road users; and
  - Promoting hinterlands road as central spine network.

# **3. Current Planning Strategies in the Ministry of Works**

# Current Planning Strategies in the Ministry of Works

Central Spine Network



# MTR 9<sup>th</sup> Malaysia Plan emphasized:

- **Special attention given to Sabah and Sarawak**
  - To complete and upgrading Trans Borneo road network;
  - Providing access to new agro – tourism areas
  - To provide inner circle road in Sabah

# MTR 9<sup>th</sup> Malaysia Plan emphasized:

- In addition to the above, MoW's strategy will also include:
  - To implement projects recommended by the Highway Network Development Plan (HNDP), 2007



# MOW'S DEVELOPMENT PROGRAM AND BUDGET UNDER 9<sup>th</sup> MP (After Mid Term Review)

No	Program's Category	No of Projects	Ceiling (RM billion)
<b>A</b>	<b>9<sup>th</sup> MP Project Continuation</b>	<b>542</b>	<b>19.92</b>
	<b>1 Program Roads/Bridges</b>	<b>398</b>	<b>18.46</b>
	<b>2. Program Building</b>	<b>145</b>	<b>1.11</b>
	<b>3. Private Financing Initiative</b>	<b>1</b>	<b>0.35</b>
<b>B</b>	<b>New 9<sup>th</sup> MP Projects</b>	<b>19</b>	<b>0.44</b>
	<b>1. Studies Projects – Forward Planning</b>	<b>13</b>	<b>0.06</b>
	<b>2. Safety Projects</b>	<b>3</b>	<b>0.25</b>
	<b>3. Highways New Projects</b>	<b>3</b>	<b>0.13</b>
	<b>GRAND TOTAL</b>	<b>562</b>	<b>20.36</b>

# MoW's Achievement In Implementing 9<sup>th</sup> MP Projects (up to November 2008)

- Projects completed = 210;
- Projects within schedule and under planning = 321;
- Projects behind schedule = 12;  
and
- Sick project = Zero (0)

# MOW's Achievement

(up to 15 December 2008)

Year	Allocation (MRY bn)	Expenditure (MYR bn)	%
2006	5.11	5.06	99.1
2007	4.99	4.95	99.3
2008	4.82	4.48	93.0
Total	14.92	14.49	97.1

# FORECAST ON MOW'S ALLOCATION 2009 - 2010

Year	Forecast Allocation (MYR bn)
2009	3.40
2010	2.90
Total	6.30

# **4. Issues, Challenges & Action Taken**

# ISSUES

- Issues during project implementation:
  - ❖ Failed in appreciating strategic and project planning;
  - ❖ Planning complete after all project approved;
  - ❖ Project approved without planning.
- Allocation of budget – not enough;
- Squatters;
- Negative impact on environment issues;

# ISSUES (continued)

- The residence disagree with the project.
- Delay in land acquisition;
- Delay in relocation of public utility;
- Weakness in tactical implementation – incompetence of supervising officer;
- Lack of labor forces;
- Weakness in executing power allowed in contract, e.g hesitate to take action; and
- Increase in price of construction material.

# CHALLENGES UNDER THE 9<sup>th</sup> MP

- To complete all the projects as planned;
- To ensure implementation within the cost provided with optimum usage of engineering values.



# ACTION TAKEN

- Improving planning procedure;
  - Implementing Key Performance Index (KPI), / Benchmarking / ISO;
  - Appreciate role of EPU (indicative planning);
  - Appreciate role of Treasury (detailed plan);
- Improving strategic partner responsibility in implementation;
  - Increase the quality of the project management;
  - Enhance the capability in handling government contract;
  - Enhance the knowledge pertaining to implementation of project.

# ACTION TAKEN (continued)

- Improving the capability of the development officer in MoW which involves;
  - Project planning;
  - Project implementation;
  - Project monitoring.
- Provide adequate allocation to complete the project.

# ACTION TAKEN (continued)

- Improving implementation machinery
  - Reducing bureaucracy;
  - Human resource development;
  - By improvements in contract management procedures such as increasing advance payment etc; and
  - Adequate man power.
- Improving the efficiency of project;
  - Using IBS technology.

# ACTION TAKEN (continued)

- **To spur growth in construction sector:**
  - To reduce size of projects so more contracts are available;
  - To carry out projects through open tendering;
- **To further enhance capability of contractors:**
  - Training of contractor [by CIDB];
  - Use of new technology [e.g. IBS]; and
  - Close monitoring of contractors performance by CIDB including the rating of contractors.

# ACTION TAKEN (continued)

- To monitor PWD performance with respect to Client Agencies projects (over 6,000 projects);
- To liaise more closely with State Governments and Agencies, Utility Companies/Agencies to smoothen implementation of projects;
- To support PWD in terms of capacity building

# 5. CONCLUSION

# CONCLUSION

- The MoW will continue to play an important role in planning the development of the road network of Malaysia to ensure maximum impact;
- The MoW will continuously endeavour to improve the project delivery system to ensure the timely completion of all development projects ;
- The MoW shall continue to facilitate the training of manpower for the construction industry;

# CONCLUSION (continued)

- The MoW will encourage the development and use of new methods of construction such as IBS;
- Privatization and PFI will continue to play a major role under 9<sup>th</sup> MP and may be expanded further;
- The MoW shall continue to source for projects abroad on Govt. to Govt. Basis. Contractors, too, should actively explore opportunities abroad on their own. (refer to CIDB);



# References

- KKR – Strategic Organization Plan of MoW, 2008;
- KKR – Panduan Mengenai Bidang Kuasa Menteri & Pegawai Pengawal Kementerian Kerja Raya, 2008;
- KKR – Kajian Separuh Penggal RMKe9 KKR 2009-2010, 2008;
- KKR – Blue Print Pelaksanaan Rangkaian Jalan Raya Malaysia Dalam RMKe-9;
- Kerajaan Malaysia – Akta Fungsi-Fungsi Menteri 1969;
  - Akta Pengangkutan Jalan 1987;
  - Akta Jalan Persekutuan 1959 [Akta 376];
  - Pelembagaan Persekutuan,
  - Akta Perwakilan Kuasa 1956 [Akta 358];
- MoF – Surat Perlantikan Pegawai Pengawal KKR, 2008.

**THANK YOU**