

Current Road Maintenance System in Afghanistan

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Existing System

The government of Afghanistan, Ministry of Public Works has 3 kind of maintenance:

- Routine Maintenance
- Periodic Maintenance
- Emergency Maintenance

Generally government doing routine maintenance by itself and for periodic maintenance we are using PBMC (Performance based maintenance contracting) system involving private sector but in emergency maintenance if we are capable of doing it so we are doing it by ourselves and if we won't able to perform it by ourselves then we are using PBMC system there too.

Advantages

- If government do the maintenance:
 1. Cheaper than private sector
 2. Creation of Jobs
 3. Good quality
 4. Capacity building (fresh graduates, internees)
- If private sector do the maintenance:
 1. Take less time
 2. Job opportunity
 3. No bureaucracy

Disadvantages

- If government do the maintenance:
 1. Take more time.
 2. Unnecessary bureaucracy
 3. Not adequate resources (material, Machinery, fixing of machinery etc)
- If private sector do the maintenance:
 1. Expensive
 2. Low quality
 3. Long procurement process

Key Issues

Issues	Measures
[Describe the issues encountered in implementing the existing road maintenance system]	[Propose possible measures to address the issues]
Unavailability of sufficient fund on time.	There should be independent road authority to have flexibility in allocating sufficient funding for maintenance.
Current Security situation	Need peaceful environment for better maintenance.

Pavement



Functional



Non-Functional



Drainages



Functional



Non-Functional



Roadside



Functional



Non-Functional



Structures



Functional



Non-Functional



Routine Maintenance



Periodic Maintenance

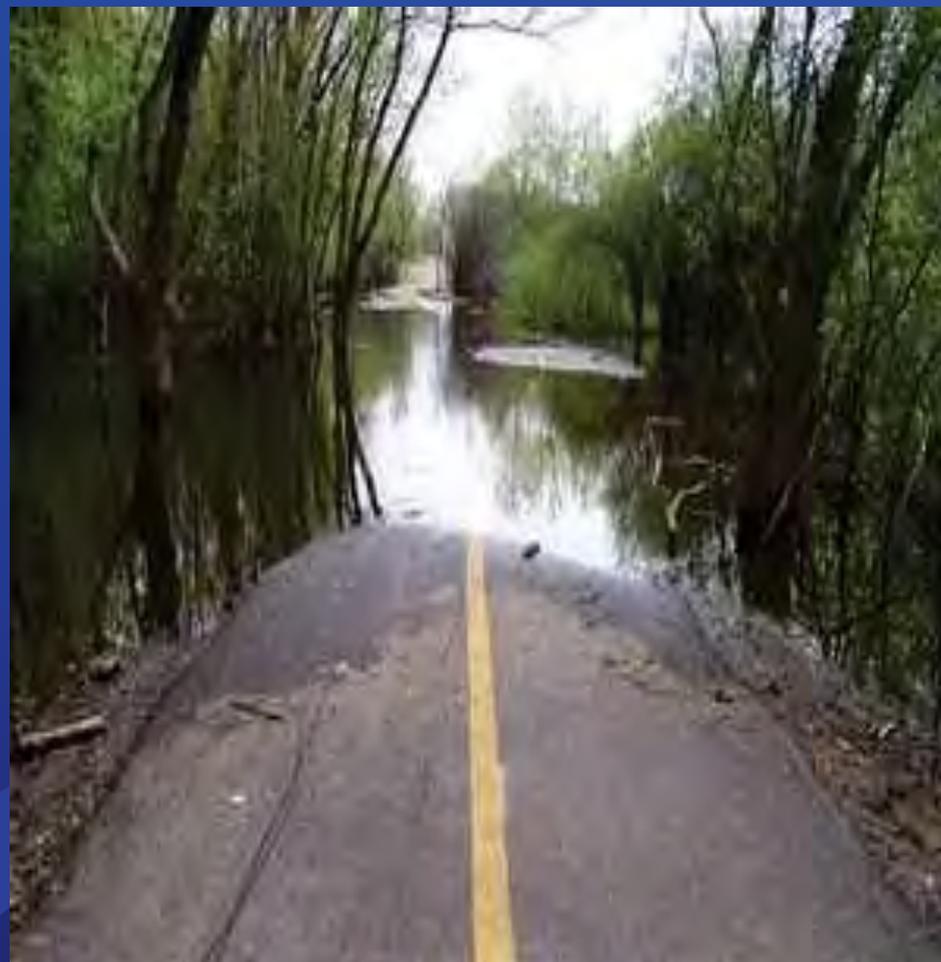


Over laying

Emergency Maintenance



Rock sliding



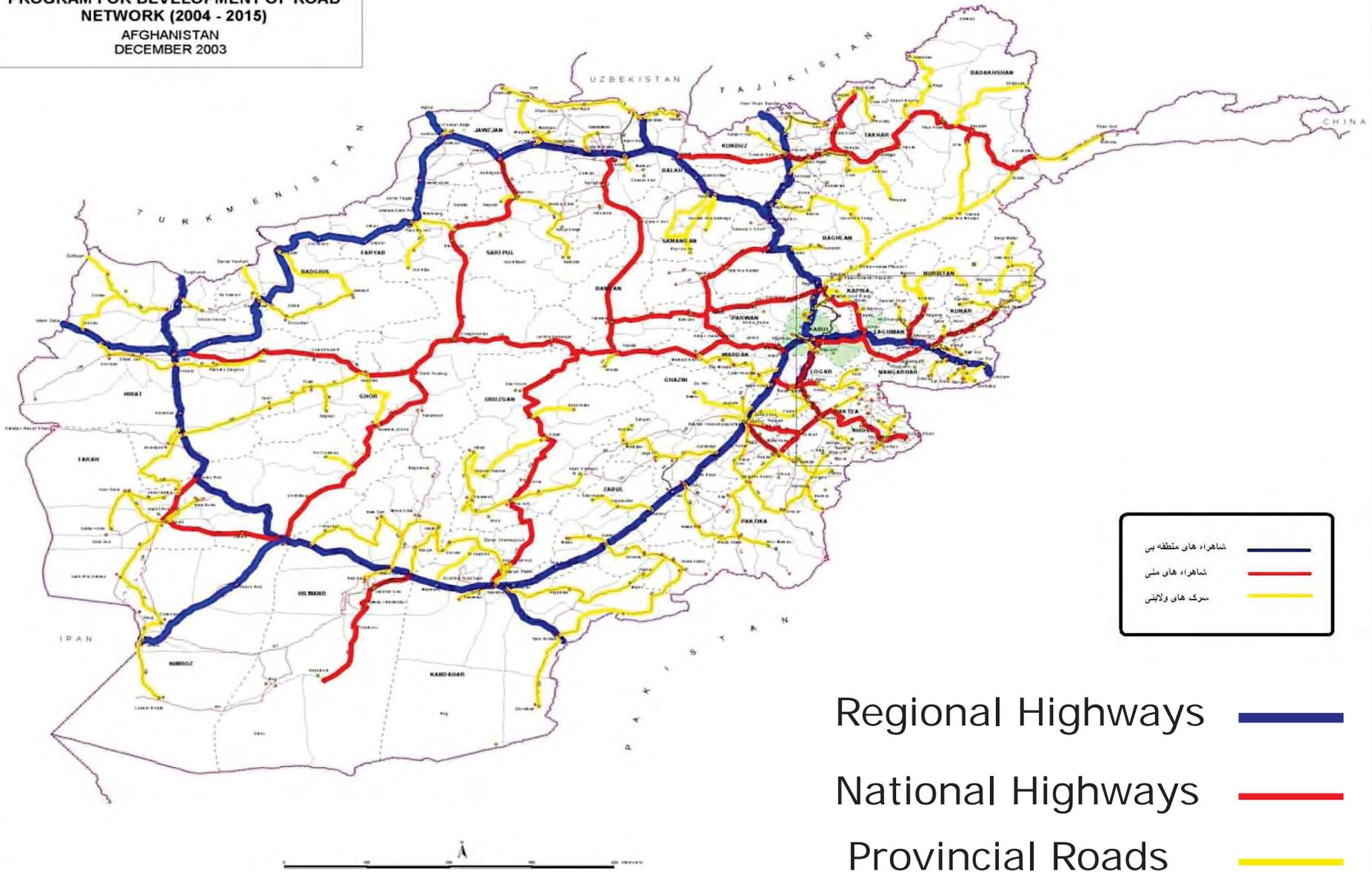
Flood

Emergency Maintenance





PROGRAM FOR DEVELOPMENT OF ROAD NETWORK (2004 - 2015)
AFGHANISTAN
DECEMBER 2003



Regional Highways 

National Highways 

Provincial Roads 

Questions

Thank You