

RMG – Exercise

Group Task

- ❖ Split into Groups
- ❖ Task: *‘Based on ‘site condition’ of example road, produce Work Plan for the 1st month’*
- ❖ Brief presentation of ‘Work Plan’ by group representative

Constraints

- ❖ Work during the rainy season
- ❖ Working Group of 3 persons (in 5 km)
- ❖ Target input: based on 260 working days per year = $22 \times 3 \times 50\%$ i.e. 33 work-days

Site Condition Sheet

Road Condition (for 'exercise only')

Serial No: _____

District		Example		Formation width		4 m		Date			
Road Name								Terrain		Hill	
Drain	Pavement type	Routine	Recurrent	CL		Specific	Emergency	Drain			
	ER	Overgrown Shoulder Vegetation - 2m width, 1.500m in length	Earthen Drain (ED) 0 silted > 50% of cross-sectional area	Earthen road surface rutted: 1m width up to 4 cm deep x 2,500m	5+000						
	ER				4+500	90cm dia pipe 50% height blocked			Landslide across drain (~4 cum)		
	ER				4+000						
	ER				3+500						
	ER				3+000	90cm dia pipe 50% height blocked	90cm dia pipe 50% height blocked				
	ER				2+500						
	ER				2+000	90cm dia pipe 50% height blocked			New ER side drain needed (40m)		
	ER				1+500	90cm dia pipe 50% height blocked		Bio-eng: 100 sqm grass planting road			
	ER				1+000	90cm dia pipe 10% height blocked					
	ER				0+500	90cm dia pipe 10% height blocked	90cm dia pipe 10% height blocked		Landslide (~50 cum)		
	ER	0+000	90cm dia pipe 10% height blocked								
Overall Assessment:	Road Condition:										
Comment (Remarks)											

Legend:

- Box culvert -
- Pipe culvert -
- Causeway -
- Bridge -
- Road Junction -
- km0, second bridge - **br:0/2**
- km0, second box culvert - **bc:0/2**
- km0, third pipe culvert - **pc:0/3**
- Earthen drain - **ED**
- Stone masonry drain - **SMD**
- Dry stone drain - **DSD**
- Surface**
- Black topped - **BT**
- Cement concrete - **CC**
- Gravel surface - **GR**
- Stone paved - **SP**
- Earthen - **ER**

Work Plan

WORKPLAN										
Month:										
District:										
Road Name:										
Section:										
ROAD ELEMENT AND ACTIVITY		km	0	1	2	3	4	5		
Road	Clearing landslides and obstacles									
Earthen or gravel surface	Repairing ruts, rills, gullies, potholes									
	Creating waterbars									
	Creating stone pitching, paved drifts									
	Graveling									
Blacktop surface	Sealing cracks									
Road shoulder	Repairing ruts, rills, gullies, potholes									
	Repairing cuts and improving shoulders									
	Removing banks									
Drains	Clearing drains									
	Repairing erosion damage									
	Creating earthen drains									
Culverts	Clearing culverts									
	Repairing backfill over culverts									
Bridges	Clearing under bridges									
Vegetation	Cutting and clearing vegetation									
Traffic signs and road furniture	Cleaning signs and road furniture									
	Repairing/replacing signs									
Retaining walls	Clearing weep holes									
	Creating retaining walls									
	Repairing minor damage									
	Repairing erosion damage									
Slopes	Maintaining bioengineering features									
	Planting bioengineering features									
	Removing hanging rocks									

TIPS

- ❖ Ref to the 'Guidelines'
- ❖ Prioritise the interventions
- ❖ Consider the 'Performance Standards'
- ❖ Labour input is fixed i.e. 33 days

THANK YOU



Rural Access Programme
Development through access