

RMS Structure/Basic Tables

Road Inventory

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Schedule of Road Links

Road Code	Link Name
D471	Kibugua - Kamaende
D472	Chuka - Kareni
D473	Keria - Magutuni - Kathwana
D474	Junction B6 (Marima) - Iriga - DB Meru Central
D474X	Junction B6 - Chogoria
D484	DB Meru - Gatithini
D587	Usweni - Shauri
E1840	Junction (B6) -Rukindu - Kaanwa (E762)
E1862	Junction D471 (Kibugua) - Magenka - Itugururu
E752	Kiartha - Kamwimbi - Itugururu
E754	Kangoro - Itugururu
E754X	Junction B6 - Kirege
E755	Ruguti - Cheera - Weru
E756	Ikuu - Kambandi
E757	Juncton B6 (Kibugua) - Forest
E758	Kirubia - Nthirani - Forest
E758J1	Kirubia - Kambandi - Weru
E758J1A	Junction D471 - Ruguti
E759	Chuka - Kiangondu
E760	Kabururu - Kairini - Kaanwa
E761	Kiamachuku - Forest Guard
E762	Mitheru - Giampampo
E762J1	Mitheru - Kaanwa
E763	Kiriani - Kianjagi
E763X	Kiriani - Kianjagi

Road Definition

Properties of Link

Road Code:

Link Name:

Road Class:

Start Chainage(Km): End Chainage(Km):

Link Length(Km): Surface Type:

Administrative Boundary:

RMS Structure/Basic Tables

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Road Sections

The screenshot displays the 'Road Section' application window. On the left, a list of road sections is shown with columns for 'Road Code' and 'Link Name'. The section 'D474 Junction B6 (Marima) - Iriga - DB Meru Central' is highlighted. The main area on the right shows the 'Road Sections' form for this link. It includes fields for 'Link Name', 'Start Chainage' (0), and 'End Chainage' (17.49). Below this is a table of sections under the highlighted link, with columns for 'Start Chainage(Km)', 'End Chainage(Km)', 'Section Length(Km)', 'Constituency', 'Surface Type', 'Road Condition', and 'Section Name'. The table shows two sections: one from 0.00 to 14.49 km (Mixed surface, Poor condition) and another from 14.49 to 17.49 km (Premix surface, Excellent condition). The interface also features buttons for 'Export to Excel', 'Reload All Data', 'Check Correctness of Road Sectioning', 'Assign Surface Type From Link', 'Add', 'Remove', 'Edit', and 'Update'. Navigation buttons '<< Back', 'Exit', and 'Next >>' are at the bottom.

Road Code	Link Name
D471	Kibugua - Kamaende
D472	Chuka - Kareni
D473	Keria - Magutuni - Kathwana
D474	Junction B6 (Marima) - Iriga - DB Meru Central
D474X	Junction B6 - Chogoria
D484	DB Meru - Gatithini
D587	Usweni - Shauri
E1840	Junction (B6) -Rukindu - Kaanwa (E762)
E1862	Junction D471 (Kibugua) - Magenka - Itugururu
E752	Kiaritha - Kamwimbi - Itugururu
E754	Kangoro - Itugururu
E754X	Junction B6 - Kirege
E755	Ruguti - Cheera - Weru
E756	Ikuu - Kambandi
E757	Juncton B6 (Kibugua) - Forest
E758	Kirubia - Nthirani - Forest
E758J1	Kirubia - Kambandi - Weru
E758J1A	Junction D471 - Ruguti
E759	Chuka - Kiangondu
E760	Kabururu - Kairini - Kaanwa
E761	Kiamachuku - Forest Guard
E762	Mitheru - Giampampo

Sections Report
Financial Year:

Link Name:

Start Chainage:

End Chainage:

Section under highlighted link Constituency Code (48031)

	Start Chainage(Km)	End Chainage(Km)	Section Length(Km)	Constituency	Surface Type	Road Condition	Section Name
▶	0.00	14.49	14.49	Maara	Mixed	Poor	Junction B6 (Marima)
	14.49	17.49	3.00	Maara	Premix	Excellent	Chogoria - DB Meru

<< Back Next >>

RMS Structure/Basic Tables

Planning/Administrative Units

3

Register Road Authority, Region And Constituency

Authorities

KeRRA

Code: 2
Name: KeRRA

Remove Edit
New Update

Regions

Baringo
Bomet
Bungoma
Busia
Elgeyo-Marakwet
Embu
Garissa
Homabay
HQKeRRA
HQKeRRA
Isiolo
Kajiado
Kakamega
Kericho
Kiambu
Kilifi
Kirinyaga
Kisii

Code: 55
Name: Kakamega

Remove Edit
New Update

Constituencies

Lugari
Likuyani
Malava
Lurambi
Navakholo
Mumias West
Mumias East
Matungu
Butere
Khwisero
Shinyalu
Ikolomani

Code: 93031
Name: Lugari

Remove Edit
New Update

RMS Structure/Basic Tables

Road Maintenance Activity List/Planning Rates

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Unit Cost Entry (Use Rate Excluding VAT)

Categories of Road Activities: Remove Add Edit Road Activity Group Save Road Activity Group

Import Rate From Rms File Import From Excel Retrieve Mean Bid Rate From Previous Financial Year OK Exit

Empty Table New Item Existing Item

Remove Add Edit Save

Activity Group Title	Bill Number
General: Office administration and overheads/Preliminaries	01
SETTING OUT	03
SITE CLEARANCE	04
EARTHWORKS	05
EXCAVATION AND FILLING FOR STRUCTURES	07
CULVERT AND DRAINAGE WORKS	08
PASSAGE OF TRAFFIC	09
GRADING AND GRAVELLING WORKS	10
PAVED ROADS - SHOULDER MAINTENANCE AND REPAIRS	11
NATURAL MATERIAL BASES AND SUBBASE	12
GRADED CRUSHED STONE SUBBASE AND BASE	13
CEMENT AND LIME TREATED SUBGRADE, SUBBASE AND BASE	14
BITUMINOUS SURFACE TREATMENT AND SURFACE DRESSING	15
BITUMINOUS MIXES	16
CONCRETE WORKS (Major Structures)	17
STEEL STRUCTURES	19
ROAD FURNITURE REPAIR AND MAINTENANCE	20
MISCELLANEOUS BRIDGE/DRIFT WORKS	21
DAYWORKS	22
PAVED SURFACES	23
SSSS	24

Details of Road Activities

Item Code	Description	Unit	Technology	Planned Rate(Ksh)
08-50-002	Ditch Cleaning	MT	LB	8.6
08-50-003	Ditch Works - Earth fill in ditches	M²	LB	258.6
08-50-004	Ditch Works - Rock fill in ditches	M²	MB	1,293.1
08-50-005	Ditch/Mitre drain /catch water drain excavation	M²	LB	286.2
08-50-006	Open lined drain cleaning	MT	LB	258.6
08-50-007	Open lined drain repairs	M²	LB	172.4
08-50-008	Covered (slotted) lined drain construction	M²	LB	862.1
08-50-009	Covered (slotted) lined drain cleaning	MT	LB	0.0
08-50-010	Covered (slotted) lined drain repairs	M²	LB	0.0
08-50-011	Construction of a Canalised drain (RC)	MT	LB	0.0
08-50-012	Cleaning of a canalised drain (RC)	MT	LB	0.0
08-50-013	Canalised drain repairs (RC)	M²	LB	0.0
08-50-014	Lay drain lining.	M²	LB	0.0
08-50-015	Gulley pot construction	NO	LB	0.0
08-50-016	Gulley pot cleaning	NO	LB	0.0
08-50-017	Gulley pot repairs	NO	LB	0.0
08-50-018	Gulley pot covers replacement	NO	LB	0.0
08-50-019	Gulley pot frames replacement	NO	LB	0.0
08-50-020	Open Drain Construction (Half Round)	MT	LB	3,600.0

RMS Functions

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I. Preparation of Work Plans

Annual Work Plan

Road Code Search

Road Links

Road Code	Link Name	Priority
D473	Keria - Magutuni - Kathwa...	0
D474	Junction B6 (Marima) - Iig...	0
E752	Karitha - Kamwimbi - Itug...	0
E765	Pole pole - Kithitu - Chiak...	0
E790	Mutonga - Kamanyaki	0
E812	Mukothima - Gatithini - Sh...	0
R8-Th...	Jn E801 - Mionponi	0
U_E42...	Kathanje - Nyaki Njeru	0
U_E42...	Junct. E762 Ndumbini - Ig...	0
U_F41...	Kamwathu - Maragwa - K...	0
U_F41...	Maragwa - Karandini	0
U_G4...	Turima - Kathuura	0
U_G4...	Nkarini - Nyaki njeru	0
U_G4...	Marimanti - Kaanyaga	0
U_G4...	Kamara - Makuti	0
U_G4...	Makuri - Thigaa - Maara	0
U_G4...	Kiriani - Mwiria - Old B6	0
U_G4...	Kiriani - Munga - Old Marima	0
U_L3_...	Kanyoni - Iruma - Gakuu	0

Road Work Sections Details of Road Activities

Check Work Category before saving workplan

Funding Source: ALL

Update EstimatedCost for All Road Works

View Work Plan Cost

Work Plan Without Activities

Approve ALL

Constituency	Start Chain	End Chain	Surface Type	Work Category	Funding Source	Fund Type	Execution Method	Total Estimated Cost(000Ksh)	Rev. Status	Approved	Sec
Maara	6.80	11.00	Earth	Routine M...	22% RMFL for CRC	Regular	Contracting	4,371.27	Original	<input checked="" type="checkbox"/>	Chia
Maara	11.00	18.20	Mixed	Routine M...	22% RMFL for CRC	Regular	Force Acc...	500.65	Original	<input type="checkbox"/>	Kair

Add Remove Edit Save Current Road Work None List Activities % Contingencies 0

Mandays Rate for finding target mandays (KSh) 400

Total Target Person days 2178 Edit

Work Schedule (in %)

	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Total
▶	0.0	0.0	100.0	0.0	100.0

Work Period (MM/dd/yyyy)

Start Date End Date

1/ 1/2016 3/28/2016

Remarks 0 If not Approved Comment 0

Unplanned Planned ALL

Class D/Below Un-Classified

<< Back Next >>

RMS Functions

IV: Progress Reporting

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MonthlyProgress

Progress of Works

Progress Date: 2/17/2016 Filter Package by Funding Source: ALL Search by Road Code: U_G49121 Financial Year Count: 4

List of Contract Packages

Package Number	Package Name	Pct This Month	Cum Pct This Month
2-25-15 16-001	TN/22/2-25-15 16-001	0.00	0.00
2-25-15 16-002	TN/22/2-25-15 16-002	0.00	0.00
2-25-15 16-003	TN/22/2-25-15 16-003	0.00	0.00
2-25-15 16-004	TN/22/2-25-15 16-004	0.00	0.00
2-25-15 16-005	TN/22/2-25-15 16-005	0.00	0.00
2-25-15 16-006	TN/10/2-25-15 16-006	0.00	0.00
2-25-15 16-007	TN/10/2-25-15 16-007	0.00	0.00

Annual Work Plan Sections

Road Code	Link Name	Start Ch	End Ch	Work Category	Funding Source	Fund Type	WorkPlan Cost	Original Contract Sum	Constituency
U_G49121	Kirani - Mwiria - Old B6	0.00	17.00	Routin...	22% R...	Regular	4,929,68...	3,613,000.0	Maara

Rectify Progress Enable Rectify Progress Enable Terminate Contract Terminate Contract

Employment Details **Progress per Road Activity**

Activities on Selected Section This Day Done Amount: 0 Total Done to Date Amount: 0 [Delete] [Edit Quantity] [Save Quantity]

BillNo	Item Code	Description	Unit	Quantity	Bid Rate (Ksh)	Bill Item Amount	Previous Qty	Previous %	This Qty	This QTY %	Done ToDate Qty	Done ToDate %
5	05-50-006	Fill in soft material and compact	M ³	320.00	475.00	152,000.00	0.00	0.00	0.0	0.00	0.00	0.0
8	08-60-025	Culvert Installation 600 mm with surround	MET...	21.00	14,000.00	294,000.00	31.10	148.10	0.0	0.00	31.10	148.10
8	08-60-027	Culvert Installation 900 mm with surround	MET...	18.00	15,000.00	270,000.00	0.00	0.00	0.0	0.00	0.00	0.0
8	08-70-001	Stone Pitching	M ²	1,000.00	620.00	620,000.00	0.00	0.00	0.0	0.00	0.00	0.0
8	08-70-004	Provide and place Gabion Installation	NO	30.00	12,000.00	360,000.00	0.00	0.00	0.0	0.00	0.00	0.0

<< Back [Exit]

RMS Reports

V: Standard Reports

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The screenshot displays the 'RMMS Reports' application window. The title bar reads 'RMMS Reports'. The main content area is titled 'Standard Reports'. On the left, there is a tree view under the heading 'Select title of report generation'. The tree is expanded to show 'Monthly Reports on Work', which includes three sub-items: 'Details of Monthly Progress by Contract', 'Details of Monthly Progress(With Road Activities)', and 'Monthly Employment Generation Report'. A checkbox labeled 'Generate Report in Excel' is located to the right of the tree view. A 'Preview' button is positioned in the top right corner of the main area. Below the tree view, there are three tabs: 'Administrative', 'Work Types & Months', and 'Road Property'. The 'Work Types & Months' tab is active. This tab contains two main sections: 'Fund Sources' and 'Fund Types'. The 'Fund Sources' section has a list of 13 items, each with a checked checkbox: '1% RMLF', '10% RMLF Carried over', '10% RMFL forCRC', '10% RMLF by Minister', '10% RMLF by Minister Car', '15% RMLF Carried Over', '15% RMLF Savings', '15% RMLF', '22% RMFL for CRC', '40% of RMFL for DRC', '40% RMLF Emergency HC', and '40% RMLF saving (Region)'. Below this list are 'Check All' and 'Uncheck All' buttons. The 'Fund Types' section has a list of 5 items, each with a checked checkbox: 'Carried Over', 'Regular', 'Revoted', 'Saving', and 'Surplus'. At the bottom of the 'Work Types & Months' tab, there are two more sections: 'Constituencies' and 'Account Number List'. The 'Constituencies' list includes 'Maara', 'Chuka', and 'Tharaka', with 'Maara' selected. The 'Account Number List' contains a list of 8 account numbers: '01141057428300', '01141057428400', '1113921358', '1116404354', '1116404397', '1119722454', '1143304136', and '1143304179'.

RMMS Reports

Standard Reports

Select title of report generation Generate Report in Excel Preview

- Monthly Reports on Work
 - Details of Monthly Progress by Contract
 - Details of Monthly Progress(With Road Activities)
 - Monthly Employment Generation Report

Administrative | **Work Types & Months** | Road Property

Fund Sources

- 1% RMLF
- 10% RMLF Carried over
- 10% RMFL forCRC
- 10% RMLF by Minister
- 10% RMLF by Minister Car
- 15% RMLF Carried Over
- 15% RMLF Savings
- 15% RMLF
- 22% RMFL for CRC
- 40% of RMFL for DRC
- 40% RMLF Emergency HC
- 40% RMLF saving (Region)

Check All Uncheck All

Fund Types

- Carried Over
- Regular
- Revoted
- Saving
- Surplus

Constituencies

- Maara
- Chuka
- Tharaka

Account Number List

- 01141057428300
- 01141057428400
- 1113921358
- 1116404354
- 1116404397
- 1119722454
- 1143304136
- 1143304179

RMS Reports

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VII: Sample Work Plan Report

Routine Maintenance Work Program Report				
Authority:		KeRRA	Financial Year	
Funding Source :		22% RMFL for CRC	2015-16	
Road Code	Surface Type	Section Name	Workplanned Length (Km)	Workplan Cost (Ksh) including VAT
Region: Mombasa				
Constituency:Changamwe(Code:34031)(34031)				
UUA154	Earth	Sisi Kwa Sisi-Msikiti Nuru Access Rd	0.45	2,312,001.51
UUA188	Earth	Hamisi Estate Road	0.80	4,497,402.40
UUA189	Earth	Chaani Nyangano Road	0.40	5,049,902.93
UUA190	Earth	Portreize Road-Maalim Bashir -Mwinyi Faki Rd	0.30	5,140,703.03
Total for : Changamwe			1.95	17,000,009.87
Constituency:Jomvu(Code:34032)(34531)				
UUA104	Earth	Mosque Sakina Miritini -A 109 Juneja Road	0.10	4,979,903.09
UUA182	Earth	Junction G5506 -Mwamlai Road	0.50	2,793,400.90
UUA183	Earth	Off Mikindani service Rd-Sunset Access rd	0.30	4,713,372.95
UUA184	Earth	Kongowea Ndogo -Mikindani Estate Road	0.30	2,754,900.61
UUA185	Earth	Semeta Road	0.60	1,758,437.08
Total for : Jomvu			1.80	17,000,014.64
Constituency:Kisauni(Code:34033)(34532)				

Sample Progress report

Monthly Report									
Authority:	KeRRA			Financial Year				RT/ 79	
Funding Source :	10% RMFL forCRC			2014-15					
Road Code	Surface Type	Road Name	Workplanned Length (Km)	Workplan Cost (Ksh) including VAT	This Month Km Achieved	Cost (Ksh) including VAT	Cum Km Achieved	Upto Date Cost (Ksh) including VAT	
Region: Baringo									
Constituency:Tiaty(Code:81031)(81331)									
U_G83637	Earth	Kapedo - Akoret - Ngoron	6.27	3,499,959.02	6.27	3,149,400.00	6.27	3,149,400.00	
U_G8965	Earth	U_G8965	0.59	3,699,942.96	0.59	3,147,660.00	0.59	3,147,660.00	
Total for : Tiaty			6.85	7,199,901.98	6.85	6,297,060.00	6.85	6,297,060.00	
Constituency:Baringo North(Code:81032)(81531)									
D364	Surface Dressing	Kapkiamo - Barwessa	25.31	2,702,363.93	25.31	2,300,036.40	25.31	2,300,036.40	
E332	Earth	Bartabwa - kinyach	58.25	2,493,800.45	58.25	2,200,009.37	58.25	2,200,009.37	
E333	Earth	kinyach - kolowa - kamusino	92.95	1,995,200.03	92.95	1,798,000.00	92.95	1,798,000.00	
Total for : Baringo North			176.51	7,191,364.41	176.51	6,298,045.77	176.51	6,298,045.77	
Constituency:Baringo Central(Code:81033)(81031)									
R4-Baringo	Earth	Ngalong - Kapkokwon	18.15	3,539,998.98	18.16	3,504,162.80	18.16	3,504,162.80	
U_E7283	Gravel	Ketindui - Salawa	0.44	3,659,933.68	0.44	2,790,797.60	0.44	2,790,797.60	
Total for : Baringo Central			18.59	7,199,932.66	18.60	6,294,960.40	18.60	6,294,960.40	
Constituency:Baringo South(Code:81034)									
E460	Earth	Mukulani - Kiserian - Rugus	43.20	2,999,963.16	43.20	2,129,064.00	43.20	2,129,064.00	
G7-Koibatek	Gravel	G7-Koibatek	0.12	4,199,855.75	0.12	4,169,144.40	0.12	4,169,144.40	
Total for : Baringo South			43.32	7,199,818.91	43.32	6,298,208.40	43.32	6,298,208.40	
Constituency:Mogotio(Code:81035)									
R18-Baringo	Surface Dressing	R18-Baringo	6.74	3,544,895.94	6.74	3,000,026.80	6.74	3,000,026.80	
R2-Baringo	Gravel	R2-Baringo	17.40	3,647,411.43	17.40	3,298,315.00	17.40	3,298,315.00	
Total for : Mogotio			24.14	7,192,307.37	24.14	6,298,341.80	24.14	6,298,341.80	
Constituency:Eldama Ravine(Code:81036)									
U_E8045	Surface Dressing	U_E8045	2.68	3,634,959.24	2.68	2,998,762.40	2.68	2,998,762.40	
U_E8046	Surface Dressing	U_E8046	13.68	3,559,944.88	13.68	3,300,142.00	13.68	3,300,142.00	
Total for : Eldama Ravine			16.36	7,194,904.12	16.36	6,298,904.40	16.36	6,298,904.40	
Total for : Baringo			285.78	43,178,229.46	285.79	37,785,520.77	285.79	37,785,520.77	