



Government of Nepal
Ministry of Physical Infrastructure and Transport
Department of Roads
Maintenance Branch

Web Based ARMP 2024 User's Manual

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1. Menu Bar



System: Allows users to create new users, change passwords, view users, and view user logs.

Road Network: Allows admin users to update the road network including dynamic segmentation using pavement data (width, last resurface, etc.)

Rates: Allows users to view routine labour rates, work items, and recurrent maintenance rates. Since this version, only the admin can revise the rates.

ARMP: Provides users to perform the following

- To view the road register
- To view details related to regular maintenance cost estimate and reactive maintenance/periodic maintenance/road side maintenance
- To view details related to rehabilitation/reconstruction and upgradation of selected roads
- To view bridge routine details
- Select the bridge for routine maintenance cost calculation, minor bridge maintenance details, and its summary
- To view the Annual Road Maintenance Summary taking into consideration a particular region/division/nation.

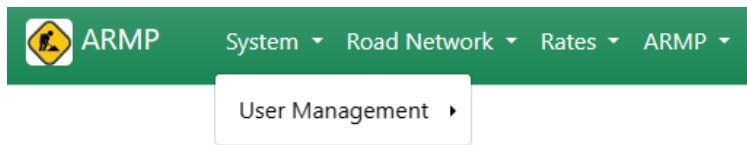
IARMP: Provides the tools to get a summary of all the interventions for all divisions. It can also be used for allocation

Map: Allows users to view the map of the assessed data.

Help: Provide brief details about the software, like the version number, user manual, etc.

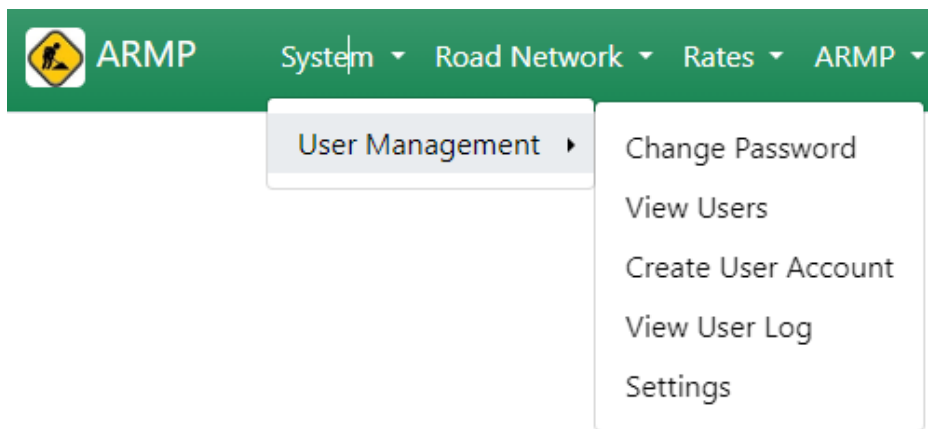
Log In: Allows users to log in and logout.

2. System Menu



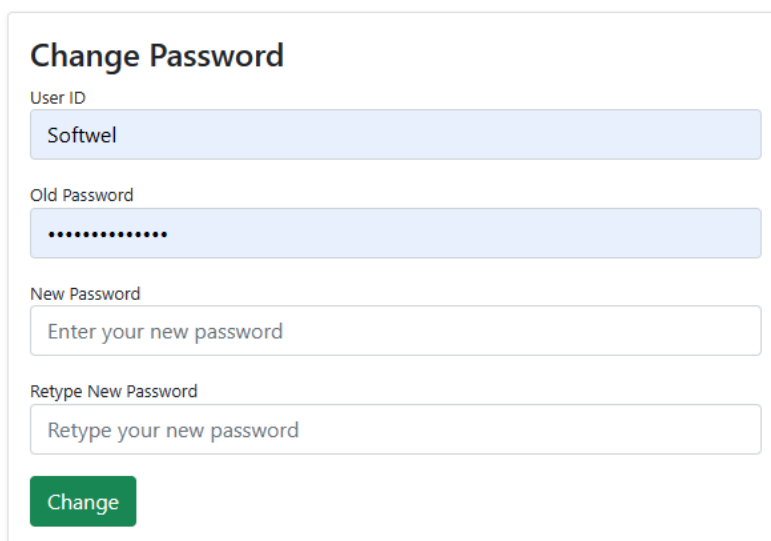
Within the **System** menu, users are provided with the option for **user management**. Further, within the option of **user management**, one can change his/her login password. Users who log in as 'Admin', can view users, create user accounts and view user logs.

2.1 User Management



By clicking on the user management sub-menu, the user is provided with four options- change password, view users, create user account, and view user log.

2.2 Change Password

A screenshot of the 'Change Password' form. The form has a title 'Change Password' and four input fields: 'User ID' (containing 'Softwel'), 'Old Password' (masked with dots), 'New Password' (containing 'Enter your new password'), and 'Retype New Password' (containing 'Retype your new password'). A green 'Change' button is located at the bottom left of the form.

To change the password, details such as user ID, old password, and new password are to be entered and the 'Change' button is to be pressed for successfully changing the password.

2.3 View Users (For Admin Only)

For users with 'Admin' rights, it is possible to view all the users who are currently using the system. To view the same, view users' option within the user management sub-menu is to be selected.

Admin users can view details such as the name of the user, user ID, login type (Editor/Admin/User), and the date on which the account was created. Additionally, admin users can delete users by pressing the corresponding 'Delete' button.

User Account Information

S.No	User ID	User Name	User Type	Division Access	Created date	Action
1	Kathmandu	Kathmandu	User	Kathmandu	2015/03/04	Delete
2	Khurkot	Khurkot	User	Khurkot	2015/03/04	Delete
3	Lahan	Lahan	User	Lahan	2015/03/03	Delete
4	FHSMO-KATHMANDU	FHSMO-KATHMANDU	User	ALL	2020/06/03	Delete
5	FHSMO-POKHARA	FHSMO-POKHARA	User	ALL	2020/06/03	Delete
6	Tumlingtar	Tumlingtar	User	Tumlingtar	2015/03/04	Delete
7	Shivapur	Shivapur	User	Shivapur	2015/03/04	Delete
8	Baitadi	Baitadi	User	Baitadi	2015/03/31	Delete
9	FHSMO-ITAHARI	FHSMO-ITAHARI	User	ALL	2020/06/03	Delete
10	RBN	Road Boards Nepal	User	ALL	2015/07/22	Delete
11	Chaurjahari	Chaurjahari	User	Chaurjahari	2015/03/04	Delete
12	Doti	Doti	User	Doti	2015/03/04	Delete
13	Khalanga	Khalanga	User	Khalanga	2023/03/31	Delete
14	FHSMO	FHSMO	User	ALL	2019/03/30	Delete
15	FHSMO-SURKHET	FHSMO-SURKHET	User	ALL	2020/06/03	Delete
16	Surkhet	Surkhet	User	Surkhet	2015/03/04	Delete
17	Mahendranagar	Mahendranagar	User	Mahendranagar	2015/03/04	Delete
18	Baglung	Baglung	User	Baglung	2015/03/03	Delete
19	Butwal	Butwal	User	Butwal	2015/03/04	Delete
20	Delete

2.4 Create User Account Sub Menu (For Admin Only)

Admin users can add new users by selecting the 'Create User Account' option within the user management sub-menu.

Create User Account

User Name

User ID

Your EMail Id

Division

Account Type

Password

Retype Password

Year

To add new users, several details are to be provided such as user name, user ID, division (Eastern/Central/Western/Mid-Western/Bhaktapur/Dhankuta, etc.), account type (user/admin/editor), password, and the current year.

2.5 View User Log (For Admin Only)

For users with 'Admin' rights, it is possible to view the log of all the users including login time, logout time, and the user's IP address using the system.

User Log

Select User Baglung ▼ Load User

Limit 25 Records Show All Record

S.No	Log In Date Time	Log Out Date Time	Log In IP
1	2023-04-07T10:38:28	2023-04-07T20:07:52	172.20.10.3
2	2023-04-07T10:32:46	2023-04-07T10:42:19	192.168.43.150
3	2023-04-04T13:34:50	2023-04-04T14:49:30	192.168.1.32
4	2023-04-04T13:09:31	2023-04-04T13:34:18	192.168.1.32
5	2023-04-04T11:12:54	2023-04-04T13:08:51	192.168.1.32
6	2023-04-03T20:23:07	2023-04-03T21:45:58	192.168.1.2
7	2023-04-02T20:55:05	2023-04-02T22:09:43	192.168.1.5
8	2023-04-02T15:28:38	2023-04-02T18:55:13	192.168.1.6
9	2023-04-02T14:57:00	2023-04-02T15:27:48	192.168.1.6
10	2023-03-19T11:26:02	2023-03-19T12:50:40	192.168.1.22
11	2022-04-12T11:39:54	2022-04-12T13:14:12	10.20.30.192
12	2022-04-11T12:29:06	null	192.168.100.6
13	2022-04-11T10:46:37	2022-04-11T11:37:58	192.168.1.104
14	2022-04-11T09:47:22	null	10.20.31.4
15	2022-04-09T16:54:41	2022-04-09T16:55:02	192.168.0.2
16	2022-04-09T11:41:25	2022-04-09T11:43:29	192.168.0.2
17	2021-09-23T16:35:07	2021-09-23T16:36:06	192.168.0.26

2.6 Settings (Change Year)

Admin can change the fiscal year to access data from the previous years, but cannot change the data from the previous years.

Fiscal Year 2024 ▼ Apply

2.7 Edit Network Data (For Admin Only)

The Basic Road network data can be added, edited, or even road link deleted using this tool. Once deleted the road link is also deleted from the map.

Baglung
Load
Road Network Data
Year: 2024
 Division District
Download Excel

Add

S.No	Road Ref No	Link Code	Link Name	From Chainage	To Chainage	Total Length (Km)	Road Class	Roa	Action
1	F042	F04206	Baglung-Myagdi district border	0.00	5.80	5.80	EXD	Pokhara - Baglung - Beni - Jomsom - G	Edit Delete
2	F042	F04207	Myagdi district border-Beni	5.80	15.80	10.00	EXD	Pokhara - Baglung - Beni - Jomsom - G	Edit Delete
3	F166	F16601	Kagbeni-Muktinath	0.00	11.00	11.00	EXD	Kagbeni-Muktinath	Edit Delete
4	NH03	NH03-049	Kaligandaki bridge - Baglung	969.63	974.34	4.71	NH	Pushpalal Mid Hill Highway	Edit Delete
5	NH03	NH03-050	Baglung - Upallachaur	974.34	975.96	1.62	NH	Pushpalal Mid Hill Highway	Edit Delete
6	NH03	NH03-051	Upallachaur - Hatiya	975.96	1020.96	45.00	NH	Pushpalal Mid Hill Highway	Edit Delete
7	NH03	NH03-052	Hatiya - Kharbang	1020.96	1041.96	21.00	NH	Pushpalal Mid Hill Highway	Edit Delete
8	NH03	NH03-053	Kharbang - Burtibang	1041.96	1063.96	22.00	NH	Pushpalal Mid Hill Highway	Edit Delete
9	NH03	NH03-054	Burtibang - Devisthan	1063.96	1068.96	5.00	NH	Pushpalal Mid Hill Highway	Edit Delete
10	NH03	NH03-055	Devisthan - Nissi	1068.96	1083.96	15.00	NH	Pushpalal Mid Hill Highway	Edit Delete
11	NH03	NH03-056	Nisi - Parthalna (DB)	1083.96	1105.96	22.00	NH	Pushpalal Mid Hill Highway	Edit Delete
12	NH48	NH48-006	Palung Khola - Maldhunga	83.43	121.43	38.00	NH	Tansen-Ridi-Korla	Edit Delete
13	NH48	NH48-008	Beni - Pairothapla	134.43	168.43	34.00	NH	Tansen-Ridi-Korla	Edit Delete

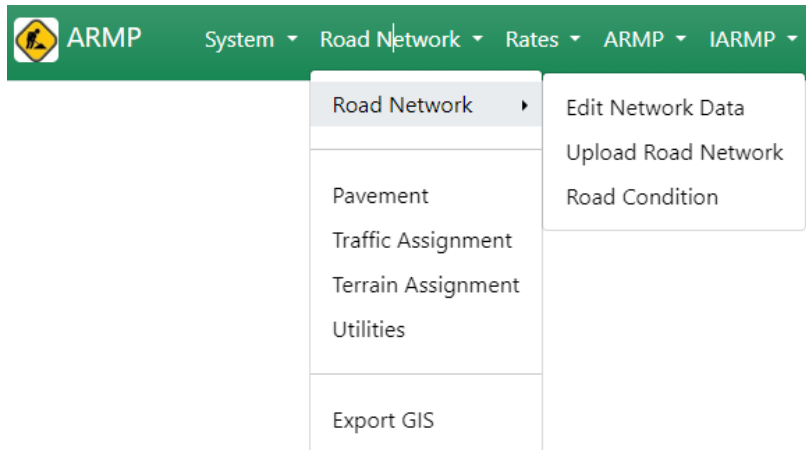
On clicking the 'Add' or 'Edit' button a form for adding and editing existing data comes over from the right and the user can make desired changes. On clicking 'Add/Edit' the user changes will be saved.

Edit Road Network Data



Geometry	Geometry Exists	Load Geometry
Road Class	EXD <input type="button" value="v"/>	
Road Ref No	F042	
Road Name	Pokhara - Baglung - Beni - Jomsom - Ghoktang	
Link Code	F04206	
Link Name	Baglung-Myagdi district border	
Link Origin	Enter Link Origin	
Link Destination	Enter Link Destination	
From Chainage	0	
To Chainage	5.8	
Link Length	5.80	
Division	Baglung <input type="button" value="v"/>	
District	Baglung <input type="button" value="v"/>	
<input type="button" value="Close"/>		<input type="button" value="Add/Edit"/>

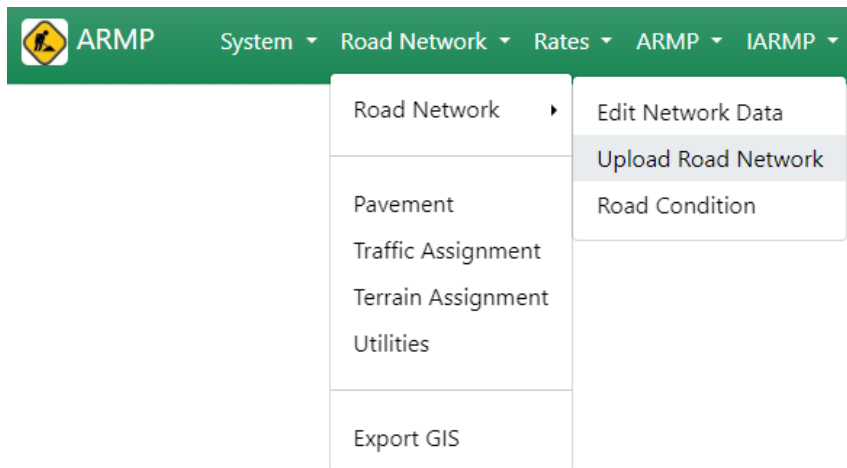
3. Road Network



The road network menu provides access to edit the network data including uploading of the road geometry using shape files. It also provides tools for creating sections within links with chainages for the various pavement types, resurfacing/construction dates, road conditions (IRI, SDI), and traffic data.

3.1 Upload Road Network (For Admin Only)

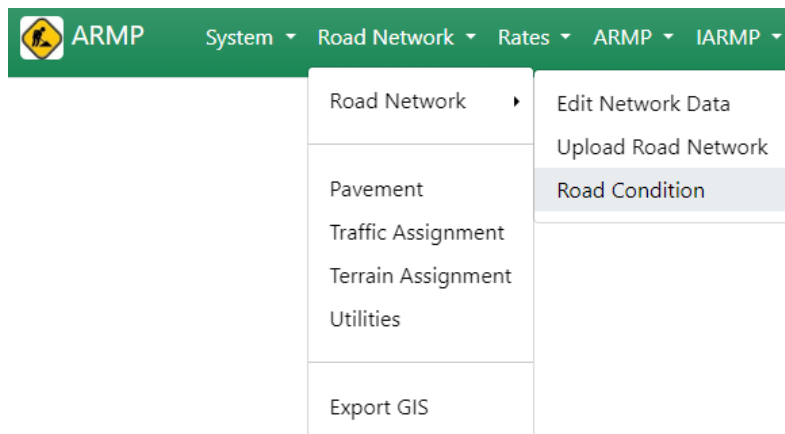
The geometry of the road network can be uploaded using this tool.



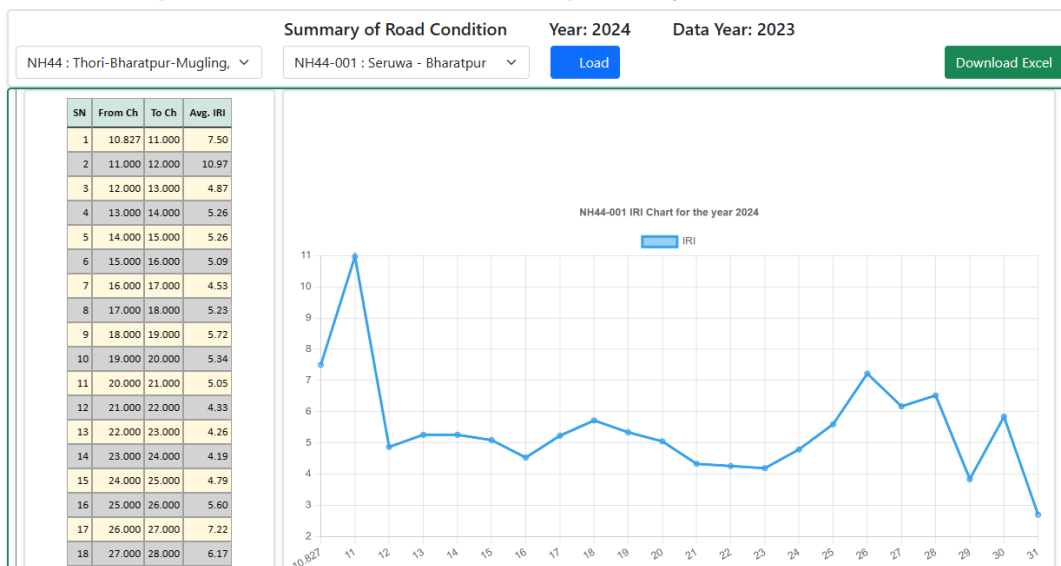
Basic attribute mapping is essential to uniquely identify the road (e.g. road code etc..). The geometry should be the UTM Zone 44N coordinate system.

<p>Shapefile</p> <input type="text"/> <input type="button" value="Browse"/>	<p>Note</p> <p>The shapefile should be in UTM 44N WGS84 Coordinate system.</p>
--------------------------------------------------------------------------------	--------------------------------------------------------------------------------

3.2 Road Condition (For Admin Only)



With this tool, the 'Admin' user can view a summary of road conditions (such as IRI and SDI) for different road links. Simply select the road reference number and the specific road link from the dropdown menus, and the tool will provide you with the relevant information.



3.3 Pavement (For Admin Only)

The pavement information is a tool for dynamic segmentation of road links by various parameters. Links sections can be defined using 'From' and 'To' Chainages and various parameters can be provided and the system will break the links accordingly.

Road Ref. No. 255UR001
Link 255UR00101
Load Link

Link Name Saugalchowk-Vola dhoka-Balkumari

Start Chainage 0.000
End Chainage 1.560
Length 1.560

SN	From Chainage	To Chainage	Section Length	Pavement Type	Pavement Width	Last Resi	Action
1	0.000	1.560	1.56	AMGB	8.00		Edit Delete

From Chainage 0.000
To Chainage 1.560

From Longitude 0
To Longitude 0

From Latitude 0
To Latitude 0

Pavement Type AMGB
Thickness 0.00

Base Thickness 0.00
Sub-Base Thickness 0.00

CBR CBR
Structure No. Structure No.

Pavement Width 8.00
Formation Width 0.00

No. of Lanes 0
Sub-grade Soil Ordinary Soil

Left Shoulder Width 0.00
Right Shoulder Width 0.00

Left Shoulder Type Gravel
Right Shoulder Type Gravel

Last Update
Last Update
Inventory Year 0

History
New
Calculate SDI IRI Traffic
Save

3.4 Traffic Assignment (For Admin Only)

With this tool, the 'Admin' user can view and edit various components of traffic, such as reference station, factor, AADT, and Commercial vehicle. Simply select the road class and road reference number from the dropdown menus, and the tool will provide you with the relevant information.

Road Class NH
Road Ref. No. NH39
Load
Check

SN	Link Code	Link From (km)	Link To (km)	Reference Station	Factor	AADT	Comm Vehicle	Action
1	NH39-001	0	1	60 : Ring Road (Manohara Bridge) : v	1	27498	7453	Edit
2	NH39-002	1	5	65 : Ring Road (Sinamangal) : Tinku v	1	24361	6100	Edit
3	NH39-003	5	6	240 : Mitrapark : Gausala v	1	43581	10890	Edit
4	NH39-004	6	6.5	239 : Mitrapark : Chabil v	1	58797	17034	Edit
5	NH39-005	6.5	8.5	314 : Ringroad Sankhapur South : (v	1	22554	6564	Edit
6	NH39-006	8.5	9.5	68 : Ring Road (Narayan Gopal Cho v	1	25825	6831	Edit
7	NH39-007	9.5	13	154 : Narayan Gopal Chowk West : v	1	21529	7243	Edit
8	NH39-008	13	13.95	154 : Narayan Gopal Chowk West : v	1	21529	7243	Edit
9	NH39-009	13.95	15.95	71 : Ring Road (Banasthali) : Balaju v	1	17340	8284	Edit
10	NH39-010	15.95	18.95	71 : Ring Road (Banasthali) : Balaju v	1	17340	8284	Edit
11	NH39-011	18.95	21.95	157 : Kalanki : Kalanki - Balkhu (KTI v	1	28014	6553	Edit
12	NH39-012	21.95	23.95	61 : Ring Road (Balkhu East) : Balkh v	1	22240	6252	Edit
13	NH39-013	23.95	25.95	311 : Ringroad Ekantakuna : Ekant v	1	29121	7934	Edit
14	NH39-014	25.95	27.45	160 : Satdobato North : Satdobato v	1	27412	8420	Edit

In this tool, the "Check" button can be used to retrieve traffic information available for different traffic stations.

Check Traffic Distribution



Traffic Station **14 : Ithari West (Itahari-Sakhawa C** ▼

SN	Link Code	Factor	AADT	Comm. Veh.
1	NH01-009	1	18152	2637
2	NH01-010	1	18152	2637
3	NH07-001	1	18152	2637
4	NH07-002	1	18152	2637
5	NH07-003	1	18152	2637
6	NH07-004	1	18152	2637
7	F05601	0.2	3630	527

Download

3.5 Terrain Assignment (For Admin Only)

With this tool, the 'Admin' user can view and edit terrain types. Simply select the road class and road reference number from the dropdown menus, and the tool will provide you with the relevant information.

Road Class **NH** ▼ Road Ref. No. **NH01** ▼ **Load**

SN	Link Code	Link From (km)	Link To (km)	Terrain	Action
1	NH01-001	0	11.25	P ▼	Edit
2	NH01-002	11.25	17.52	P ▼	Edit
3	NH01-003	17.52	47.03	P ▼	Edit
4	NH01-004	47.03	47.99	P ▼	Edit
5	NH01-005	47.99	54.75	P ▼	Edit
6	NH01-006	54.75	80.86	P ▼	Edit
7	NH01-007	80.86	91.05	P ▼	Edit
8	NH01-008	91.05	92.4	P ▼	Edit
9	NH01-009	92.4	107.64	P ▼	Edit
10	NH01-010	107.64	111.05	P ▼	Edit
11	NH01-011	111.05	134.93	P ▼	Edit
12	NH01-012	134.93	140.95	P ▼	Edit
13	NH01-013	140.95	171.74	P ▼	Edit
14	NH01-014	171.74	183.43	P ▼	Edit

3.6 Utilities (For Admin Only)

Within this subheading, the 'Admin' user can access tools for copying inventory, transferring sections, as well as transferring AADT, IRI, and SDI data.

The image displays three utility tool panels side-by-side:

- Copy Inventory:** Features a 'Source' section with a 'Data Year' dropdown menu set to 'Choose...'. Below it is a 'Destination' section with a 'Data Year' dropdown menu set to '2024'. A 'Copy Progress' bar is visible. A blue 'Copy' button is at the bottom right.
- Transfer Sections:** Includes a text input field and a 'Get Transfer File' button. A blue 'Process' button is at the bottom right.
- Transfer AADT IRI SDI:** Features a 'Data Year' dropdown menu set to 'Choose...' and a 'Transfer Data' dropdown menu set to 'Choose...'. A blue 'Transfer' button is at the bottom right.

3.7 Export GIS (For Admin Only)

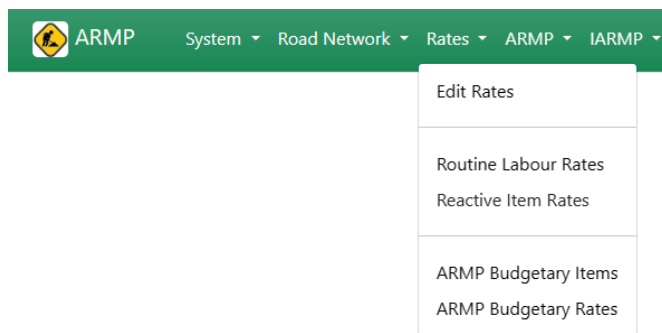
Admins can download GIS data in shapefiles, kmz, and GeoPackage. Simply select the desired layers and file type from the drop-down menu, and the tool will export the files.

The 'Download GIS Files' tool interface includes a list of layers with checkboxes:

- National Highways (Pavement)
- Other Strategic Roads (Pavement)
- National Highways (Links)
- Other Strategic Roads (Links)
- Emergency Road
- Upgrading
- Periodic Maintenance
- Reconstruction
- Road Safety
- Bio-Engineering Road
- Rehabilitation
- Responsive Maintenance
- Road Side Maintenance

At the bottom, there is a 'Select File Type' dropdown menu and a blue 'Export Files' button.

4. Rates Menu



Within the rates menu, users can edit rates (For Admin only). Routine labour rates (For Admin only), reactive item rates, ARMP budgetary Items (For Admin only), and ARMP budgetary rates can also be viewed within the menu.

4.1 Edit Rates (For Admin Only)

Within this tool, the 'Admin' user can edit rate factors, reactive item base rates, and budgetary item base rates.

4.1.1 Rate Factor Tab

Rate Factors Reactive Item Base Rates

SN	Division	Rate Factor	Action
1	Baglung	1.05	
2	Baitadi	1.05	
3	Bhaktapur	1.1	
4	Bharatpur	1	
5	Biratnagar	1	
6	Butwal	1	
7	Chandranigahapur	1	
8	Charikot	1.1	
9	Chaurjahari	1.1	
10	Damak	1	
11	Damauli	1.05	
12	Dang	1	
13	Dhankuta	1.05	
14	Doti	1.05	
15	DSBP	1.05	


4.1.2 Reactive Item Base Rate Tab

Rate Factors		Reactive Item Base Rates	Budgetary Item Base Rates	
SN	Item Code	Item Description	Basic Rate	Action
1	E001	Air compressor	1344.48	
2	E002	Hot mix plant	3334.52	
3	E003	Tipper	1570.49	
4	E004	Smooth wheeled roller	1236.03	
5	E005	Vibratory roller	1986.78	
6	L001	Skilled Labour	1200	
7	L002	Unskilled Labour	870	
8	M001	Aggregate (Bitumenous Concrete)	2820	
9	M002	Aggregate (Base Course)	2640	
10	M003	Sub-base Material	1500	
11	M004	Bitumen MC - 800	115000	
12	M005	Emulsion for tack coat	84000	
13	M006	Water	350	

4.1.3 Budgetary Item Base Rates

Rate Factors		Reactive Item Base Rates	Budgetary Item Base Rates			
SN	Activity Group	Activity No	Short Description	Unit	Base Rate	Action
1	Bridge Maintenance	BM-001	Crack Repairs	sqm	500	
2	Bridge Maintenance	BM-002	Maintenance of approach road	sqm	897.13	
3	Bridge Maintenance	BM-003	Maintenance of approach slab	sqm	4500	
4	Bridge Maintenance	BM-004	Protection from scouring	LS	880000	
5	Bridge Maintenance	BM-005	Removal of debris/waterway clearance	cum	50	
6	Bridge Maintenance	BM-006	Repainting of steel parts	sqm	500	
7	Bridge Maintenance	BM-007	Repair of traffic collision damages	sqm	2000	
8	Bridge Maintenance	BM-008	Replacement of bearing	no	250000	
9	Bridge Maintenance	BM-009	Replacement of expansion joint	rm	25000	
10	Bridge Maintenance	BM-010	Replacement of Railing	rm	2000	
11	Emergency Maintenance	EM-001	Construction of diversion	Km	25000	
12	Emergency Maintenance	EM-002	Provision of traffic /guide tools/signs	LS	2500	
13	Emergency Maintenance	EM-003	Provisioning equipment deployment expenses	LS	25000	
14	Emergency Maintenance	EM-004	Removal of slides /debris/obstacle	cum	50	
15	Emergency Maintenance	EM-005	Reolacement of endanzered structures	LS	30000	

4.1.4 Earthen Gravel Maintenance Rates

SN	Earthen Rate	Gravel Rate	Action
1	20000	50000	

4.2 Routine Labour Rates (For Admin Only)

Admin users can view the routine labour rates for various divisions of the country and are also able to update the corresponding LWRate/SVRate.

SN	Division	LWRate	SVRate	Action
1	Baglung	892.00	996.00	
2	Baitadi	892.00	996.00	
3	Bhaktapur	892.00	996.00	
4	Bharatpur	892.00	996.00	
5	Biratnagar	892.00	996.00	
6	Butwal	892.00	996.00	
7	Chandranigahapur	892.00	996.00	
8	Charikot	892.00	996.00	
9	Chaurjahari	892.00	996.00	
10	Damak	892.00	996.00	
11	Damauli	892.00	996.00	
12	Dang	892.00	996.00	
13	Dhankuta	892.00	996.00	
14	Doti	892.00	996.00	

4.3 Reactive Item Rates

Within the Reactive Item Rates submenu, the Divisions cannot change the rates. The rates are fixed by the maintenance branch with a scaling factor based on Division Locations.

4.3.1 Labour Tab

Baglung Rate Entry Year: 2024

Labour **Material** Equipment

Item Code	Item	Unit	Rate	Rate Source
L001	Skilled Labour	md	1,155.00	DoR Rate for 2024
L002	Unskilled Labour	md	840.00	DoR Rate for 2024

4.3.2 Material Tab

Baglung Rate Entry Year: 2024

Labour **Material** Equipment

Item Code	Item	Unit	Rate	Rate Source
M001	Aggregate (Bitumenous Concrete)	cum	2,961.00	DoR Rate for 2024
M002	Aggregate (Base Course)	cum	2,772.00	DoR Rate for 2024
M003	Sub-base Material	cum	1,575.00	DoR Rate for 2024
M006	Water	kl	367.50	DoR Rate for 2024
M005	Emulsion for tack coat	tonne	94,500.00	DoR Rate for 2024
M004	Bitumen MC - 800	tonne	100,800.00	DoR Rate for 2024

4.3.3 Equipment Tab

Baglung Rate Entry Year: 2024

Labour Material **Equipment**

Item Code	Item	Unit	Rate	Rate Source
E001	Air compressor	hr	1,099.85	DoR Rate for 2024
E002	Hot mix plant	hr	3,243.86	DoR Rate for 2024
E003	Tipper	hr	1,275.13	DoR Rate for 2024
E004	Smooth wheeled roller	hr	1,001.51	DoR Rate for 2024
E005	Vibratory roller	hr	1,702.46	DoR Rate for 2024

4.4 ARMP Budgetary Items (Admin Only)

These are standard items defined for the entire ARMP. Editing of items is only available for the admin users.

SN	Activity Group	Activity No	Short Description	Unit	Action
1	Bridge Maintenance	BM-001	Crack Repairs	sqm	Edit Delete
2		BM-002	Maintenance of approach road	sqm	Edit Delete
3		BM-003	Maintenance of approach slab	sqm	Edit Delete
4		BM-004	Protection from scouring	LS	Edit Delete
5		BM-005	Removal of debris/waterway clearance	cum	Edit Delete
6		BM-006	Repainting of steel parts	sqm	Edit Delete
7		BM-007	Repair of traffic collision damages	sqm	Edit Delete
8		BM-008	Replacement of bearing	no	Edit Delete
9		BM-009	Replacement of expansion joint	rm	Edit Delete
10		BM-010	Replacement of Railing	rm	Edit Delete
11	Emergency Maintenance	EM-001	Construction of diversion	Km	Edit Delete
12		EM-002	Provision of traffic /guide tools/signs	LS	Edit Delete
13		EM-003	Provisioning equipment deployment expenses	LS	Edit Delete
14		EM-004	Removal of slides /debris/obstacle	cum	Edit Delete
15		EM-005	Replacement of endangered structures	LS	Edit Delete

4.5 ARMP Budgetary Rates

The rates for standard items defined for the entire ARMP can be entered using this tool. The rates are fixed so the division cannot change it.

Baglung

▼

Load

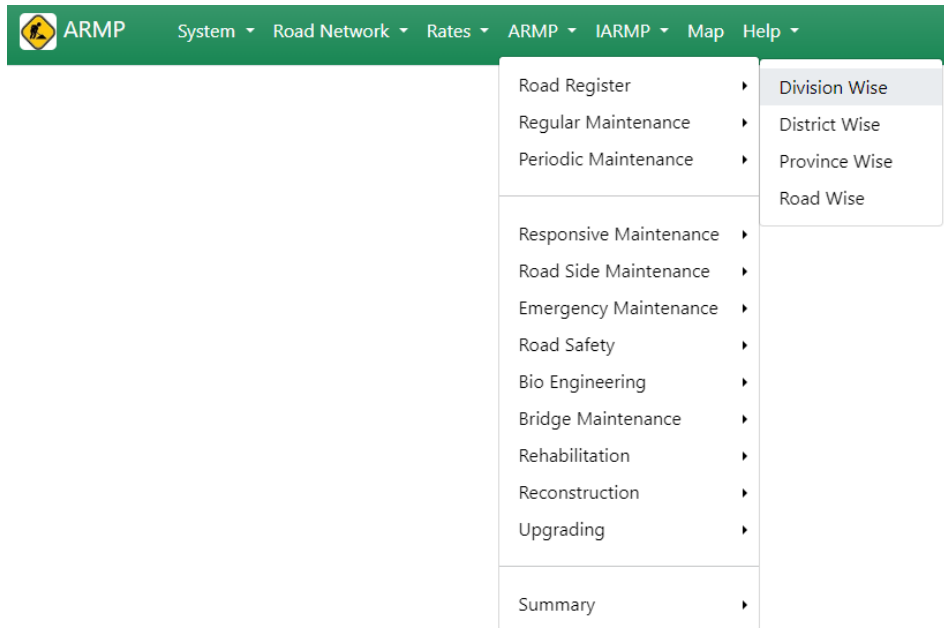
ARMP Budgetary Rates Year: 2024

Download Excel

Activity Group	Activity No.	Short Description	Unit	Rate
Bridge Maintenance	BM-001	Crack Repairs	sqm	525.00
	BM-002	Maintenance of approach road	sqm	876.75
	BM-003	Maintenance of approach slab	sqm	4725.00
	BM-004	Protection from scouring	LS	924000.00
	BM-005	Removal of debris/waterway clearance	cum	52.50
	BM-006	Repainting of steel parts	sqm	525.00
	BM-007	Repair of traffic collision damages	sqm	2100.00
	BM-008	Replacement of bearing	no	262500.00
	BM-009	Replacement of expansion joint	rm	26250.00
	BM-010	Replacement of Railing	rm	2100.00
Emergency Maintenance	EM-001	Construction of diversion	Km	26250.00
	EM-002	Provision of traffic /guide tools/signs	LS	2625.00
	EM-003	Provisioning equipment deployment expenses	LS	26250.00
	EM-004	Removal of slides /debris/obstacle	cum	52.50
	EM-005	Replacement of endangered structures	LS	31500.00
Periodic	PR-001	Cape seal	sqm	0.00
	PR-002	Micro surfacing	sqm	0.00
	PR-003	Periodic on Otta Seal	sqm	0.00

5. ARMP Menu

5.1 Road Register



5.1.1 Division wise Road Register

Provides the road register by division. It also includes the sub-links and the activities e.g. last resurfacing, pavement status, and project notes for each of the links and sub-links.

Baglung Road Register: Division wise Year: 2024

A SN	B Road Ref. No.	C Link Code	D Link Name	E Link			I Pavement Types (Km)			
				F From	G To	H Length	J BT	K GR	L ER	M UC
1	F042	F04206	Baglung-Myagdi district border	0.00	5.80	5.80	5.80	0.00	0.00	0.00
2										
3	F042	F04207	Myagdi district border-Beni	5.80	15.80	10.00	2.87	7.13	0.00	0.00
4										
5	F166	F16601	Kagbeni-Muktinath	0.00	11.00	11.00	11.00	0.00	0.00	0.00
6	NH03	NH03-049	Kaligandaki bridge - Baglung	969.63	974.34	4.71	4.71	0.00	0.00	0.00
7	NH03	NH03-050	Baglung - Upallachaur	974.34	975.96	1.62	1.62	0.00	0.00	0.00
8	NH03	NH03-051	Upallachaur - Hatiya	975.96	1020.96	45.00	35.00	10.00	0.00	0.00
9										
10										
11	NH03	NH03-052	Hatiya - Kharbang	1020.96	1041.96	21.00	21.00	0.00	0.00	0.00
12	NH03	NH03-053	Kharbang - Burtibang	1041.96	1063.96	22.00	22.00	0.00	0.00	0.00
13	NH03	NH03-054	Burtibang - Devasthan	1063.96	1068.96	5.00	5.00	0.00	0.00	0.00
14	NH03	NH03-055	Devasthan - Nissi	1068.96	1083.96	15.00	15.00	0.00	0.00	0.00
15	NH03	NH03-056	Nisi - Partihalna (DB)	1083.96	1105.96	22.00	22.00	0.00	0.00	0.00
16	NH48	NH48-006	Palung Khola - Maldhunga	83.43	121.43	38.00	0.00	0.00	38.00	0.00
17										
18	NH48	NH48-008	Beni - Pairothapla	134.43	168.43	34.00	0.00	0.00	34.00	0.00
19	NH48	NH48-009	Pairothapla - Jomsom	168.43	214.43	46.00	0.00	0.00	46.00	0.00

5.1.3 District wise Road Register

Provides the road register by district. It also includes the sub-links and the activities e.g. last resurfacing, pavement status, and project notes for each of the links and sub-links.

Achham **Road Register: District wise** Year: 2024

SN	Road Ref. No.	Link Code	Link Name	Link			Pavement Types (Km)			
				From	To	Length	BT	GR	ER	UC
1	NH03	NH03-076	Belkhet - Binayak Bazar	1445.37	1460.45	15.08	15.08	0.00	0.00	0.00
2	NH03	NH03-077	Binayak - Mangalsen	1460.45	1494.45	34.00	34.00	0.00	0.00	0.00
3										
4	NH03	NH03-078	Mangalsen - Bayalpata	1494.45	1524.45	30.00	30.00	0.00	0.00	0.00
5										
6	NH03	NH03-079	Bayalpata - Sanfhebagar	1524.45	1533.45	9.00	9.00	0.00	0.00	0.00
7	NH03	NH03-080	Sanfhebagar - Jhakale	1533.45	1535.21	1.76	1.76	0.00	0.00	0.00
8	NH03	NH03-081	Jhakale - Chaukhutte Bazar	1535.21	1561.21	26.00	26.00	0.00	0.00	0.00
9										
10										
11	NH62	NH62-008	Selli- Sanphebagar	136.98	159.98	23.00	3.00	0.00	20.00	0.00
12										
13	NH63	NH63-001	Sanphebagar - Rakse	0.00	12.24	12.24	12.24	0.00	0.00	0.00
14										
Total						151.08	131.08	0.00	20.00	0.00

+ 100%

5.1.4 Province wise Road Register

Provides the road register by province. It also includes the sub-links and the activities e.g. last resurfacing, pavement status, and project notes for each of the links and sub-links.

Gandaki Prov **Road Register: Province wise** Year: 2024

SN	Road Ref. No.	Link Code	Link Name	Link			Pavement Types (Km)			
				From	To	Length	BT	GR	ER	UC
1	F042	F04206	Baglung-Myagdi district border	0.00	5.80	5.80	5.80	0.00	0.00	0.00
2										
3	NH03	NH03-049	Kaligandaki bridge - Baglung	969.63	974.34	4.71	4.71	0.00	0.00	0.00
4	NH03	NH03-050	Baglung - Upallachaur	974.34	975.96	1.62	1.62	0.00	0.00	0.00
5	NH03	NH03-051	Upallachaur - Hatiya	975.96	1020.96	45.00	35.00	10.00	0.00	0.00
6										
7										
8	NH03	NH03-052	Hatiya - Kharbang	1020.96	1041.96	21.00	21.00	0.00	0.00	0.00
9	NH03	NH03-053	Kharbang - Burtibang	1041.96	1063.96	22.00	22.00	0.00	0.00	0.00
10	NH03	NH03-054	Burtibang - Devasthan	1063.96	1068.96	5.00	5.00	0.00	0.00	0.00
11	NH03	NH03-055	Devasthan - Nissi	1068.96	1083.96	15.00	15.00	0.00	0.00	0.00
12	NH03	NH03-056	Nisi - Partihalna (DB)	1083.96	1105.96	22.00	22.00	0.00	0.00	0.00
13	NH48	NH48-006	Palung Khola - Maldhunga	83.43	121.43	38.00	0.00	0.00	38.00	0.00
14										
15	NH52	NH52-010	Darling (DB) - Devasthan	163.54	188.54	25.00	0.00	0.00	25.00	0.00
16	NH52	NH52-011	Devasthan - Dhorpatan	188.54	215.54	27.00	0.00	0.00	27.00	0.00
17	F184	F18401	11 Kilo(F035)-Chhepetar-Bhaluswara	0.00	8.60	8.60	4.23	4.37	0.00	0.00
18										
19	F184	F18401A	11 Kilo(F035)-Chhepetar-Bhaluswara	8.60	36.00	27.40	0.00	0.00	27.40	0.00

+ 100%

5.1.5 Road wise Road Register

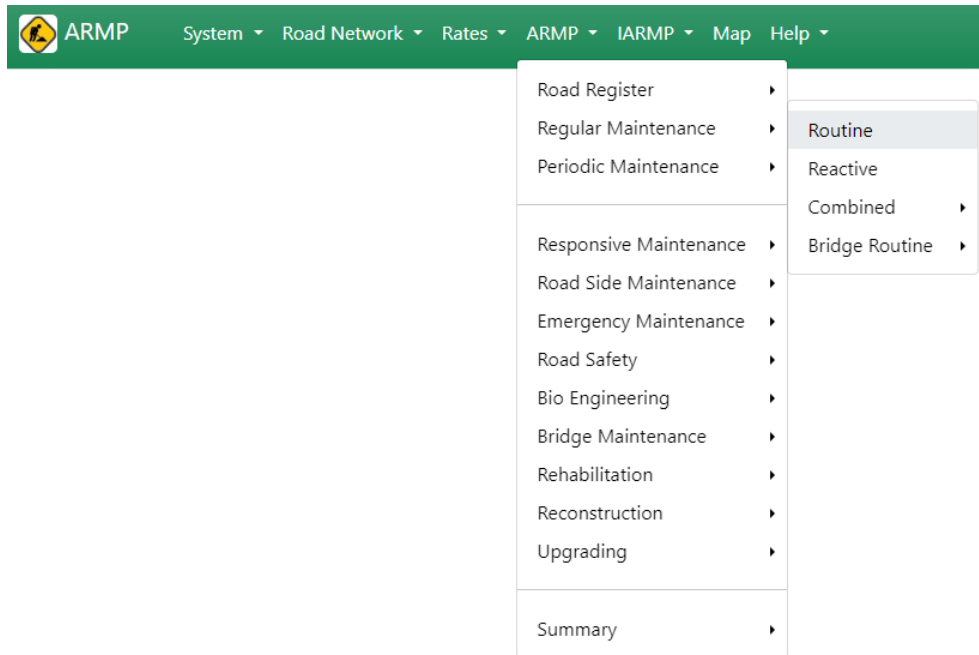
Provides the road register by road. It also includes the sub-links and the activities e.g. last resurfacing, pavement status, and project notes for each of the links and sub-links.

25SUR006 Road Register: Road wise Year: 2024

A SN	B Road Ref. No.	C Link Code	D Link Name	E Link			I Pavement Types (Km)			
				F From	G To	H Length	J BT	K GR	L ER	M UC
1	25SUR006	25SUR00601	Pulchowk-Pulchowk Campus	0.00	0.50	0.50	0.50	0.00	0.00	0.00
2	25SUR006	25SUR00602	Pulchowk Campus-Patan Dhoka	0.50	1.00	0.50	0.50	0.00	0.00	0.00
3										
4	25SUR006	25SUR00603	Patan Dhoka - Mangal Bazar	1.00	1.50	0.50	0.50	0.00	0.00	0.00
5										
6	25SUR006	25SUR00604	Krishna Galli	1.50	2.00	0.50	0.50	0.00	0.00	0.00
		Total				2.00	2.00	0.00	0.00	0.00

5.2 Regular Maintenance

5.2.1 Routine



Routine Screen

Baglung **Routine Maintenance** Year: 2024

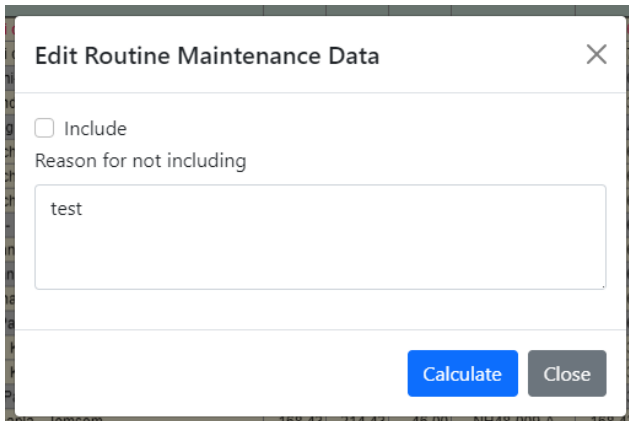
SN	Road Ref. No.	Link Code	Link Name	Link			Link Section	Section			Terrain	Paveme	
				From (Km)	To (Km)	Length (Km)		From (Km)	To (Km)	Length (Km)		Type	V
1	F042	F04207	Myagdi district border-Beni	5.80	15.80	10.00	F04207-A	5.80	8.67	2.87	H	STGB	
2	F042	F04207	Myagdi district border-Beni	5.80	15.80	10.00	F04207-B	8.67	15.80	7.13	H	GR	
3	F166	F16601	Kagbeni-Muktinath	0.00	11.00	11.00	F16601-A	0.00	11.00	11.00	H	STGB	
4	NH03	NH03-049	Kaligandaki bridge - Baglung	969.63	974.34	4.71	NH03-049-A	969.63	974.34	4.71	H	STGB	
5	NH03	NH03-050	Baglung - Upallachaur	974.34	975.96	1.62	NH03-050-A	974.34	975.96	1.62	H	STGB	
6	NH03	NH03-051	Upallachaur - Hatiya	975.96	1,020.96	45.00	NH03-051-A	975.96	983.96	8.00	H	STGB	
7	NH03	NH03-051	Upallachaur - Hatiya	975.96	1,020.96	45.00	NH03-051-B	983.96	993.96	10.00	H	GR	
8	NH03	NH03-051	Upallachaur - Hatiya	975.96	1,020.96	45.00	NH03-051-C	993.96	1,020.96	27.00	H	STGB	
9	NH03	NH03-052	Hatiya - Kharbang	1,020.96	1,041.96	21.00	NH03-052-A	1,020.96	1,041.96	21.00	H	STGB	
10	NH03	NH03-053	Kharbang - Burtibang	1,041.96	1,063.96	22.00	NH03-053-A	1,041.96	1,063.96	22.00	H	STGB	
11	NH03	NH03-054	Burtibang - Devisthan	1,063.96	1,068.96	5.00	NH03-054-A	1,063.96	1,068.96	5.00	H	STGB	
12	NH03	NH03-055	Devisthan - Nissi	1,068.96	1,083.96	15.00	NH03-055-A	1,068.96	1,083.96	15.00	H	STGB	
13	NH03	NH03-056	Nisi - Partihaina (DB)	1,083.96	1,105.96	22.00	NH03-056-A	1,083.96	1,105.96	22.00	H	STGB	
14	NH48	NH48-006	Palung Khola - Maldhunga	83.43	121.43	38.00	NH48-006-A	83.43	87.43	4.00	H	ER	
15	NH48	NH48-006	Palung Khola - Maldhunga	83.43	121.43	38.00	NH48-006-B	87.43	121.43	34.00	H	ER	
16	NH48	NH48-008	Beni - Pairothapla	134.43	168.43	34.00	NH48-008-A	134.43	168.43	34.00	H	ER	
17	NH48	NH48-009	Pairothapla - Jomsom	168.43	214.43	46.00	NH48-009-A	168.43	214.43	46.00	H	ER	
18	NH48	NH48-010	Jomsom - Ghoktang	214.43	336.43	122.00	NH48-010-A	214.43	336.43	122.00	H	ER	
19	NH52	NH52-010	Darling (DB) - Devisthan	163.54	188.54	25.00	NH52-010-A	163.54	188.54	25.00	H	ER	
20	NH52	NH52-011	Devisthan - Dhorpatan	188.54	215.54	27.00	NH52-011-A	188.54	215.54	27.00	H	ER	
Division Total										449.33			

- 100% +

a) Select the Division and press 'Load'

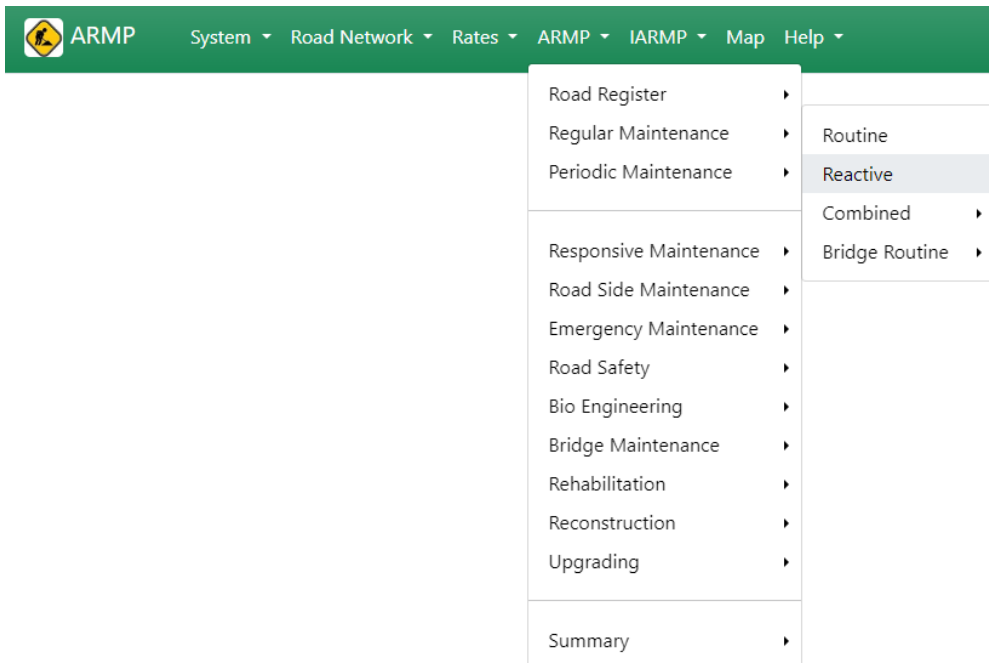
b) A decision has to be made to include or exclude the link from the routine maintenance based on the ongoing project information. The reason for the excluding should be

mentioned. Users can perform these activities by selecting the 'Edit Data' cell in the last column.



- c) The roads with PL or UC status are shown in red colour and are automatically excluded.
- d) The routine maintenance of the earthen road is estimated at NRs 20,000 per km which also includes the recurrent maintenance. This is automatically calculated.
- e) After making changes, press save to record the changes (Admin and editor only).
- f) Select 'Download Excel' to export the data to Excel.

5.2.2 Reactive



Reactive Maintenance Screen

Baglung ▼
Load
Reactive Maintenance for Bituminous & Gravel Pavement
Year: 2024
Download Excel

A	B	C	D	E			H	I			AR
				Link				Section			
				From (Km)	To (Km)	Length (Km)		Link Section	From (Km)	To (Km)	
1	F042	F04207	Myagdi district border-Beni	5.80	15.80	10.00	F04207-A	5.80	8.67	2.87	Edit Data
2	F042	F04207	Myagdi district border-Beni	5.80	15.80	10.00	F04207-B	8.67	15.80	7.13	Edit Data
3	F166	F16601	Kagbeni-Muktinath	0.00	11.00	11.00	F16601-A	0.00	11.00	11.00	Edit Data
4	NH03	NH03-049	Kaligandaki bridge - Baglung	969.63	974.34	4.71	NH03-049-A	969.63	974.34	4.71	Edit Data
5	NH03	NH03-050	Baglung - Upallachaur	974.34	975.96	1.62	NH03-050-A	974.34	975.96	1.62	Edit Data
6	NH03	NH03-051	Upallachaur - Hatiya	975.96	1,020.96	45.00	NH03-051-A	975.96	983.96	8.00	Edit Data
7	NH03	NH03-051	Upallachaur - Hatiya	975.96	1,020.96	45.00	NH03-051-B	983.96	993.96	10.00	Edit Data
8	NH03	NH03-051	Upallachaur - Hatiya	975.96	1,020.96	45.00	NH03-051-C	993.96	1,020.96	27.00	Edit Data
9	NH03	NH03-052	Hatiya - Kharbang	1,020.96	1,041.96	21.00	NH03-052-A	1,020.96	1,041.96	21.00	Edit Data
10	NH03	NH03-053	Kharbang - Burtibang	1,041.96	1,063.96	22.00	NH03-053-A	1,041.96	1,063.96	22.00	Edit Data
11	NH03	NH03-054	Burtibang - Devisthan	1,063.96	1,068.96	5.00	NH03-054-A	1,063.96	1,068.96	5.00	Edit Data
12	NH03	NH03-055	Devisthan - Nissi	1,068.96	1,083.96	15.00	NH03-055-A	1,068.96	1,083.96	15.00	Edit Data
13	NH03	NH03-056	Nisi - Partihaina (DB)	1,083.96	1,105.96	22.00	NH03-056-A	1,083.96	1,105.96	22.00	Edit Data
			Division Total							157.33	

Count:1 Sum:0 Average:0 Max:0 Min:0
+ 100%

Save

- a) Select the Division and press 'Load'.
- b) Users are required to enter RM Length (Km), Adopted Pothole Area (%), and Adopted Shoulder Area (%). Users can perform these activities by selecting the 'Edit Data' cell in the last column.

Edit Reactive Maintenance Data
✕

Section Length: 2.87

RM Length

Range of Pothole Area: 2.5 to 3.5

Adopted Pothole Area (%)

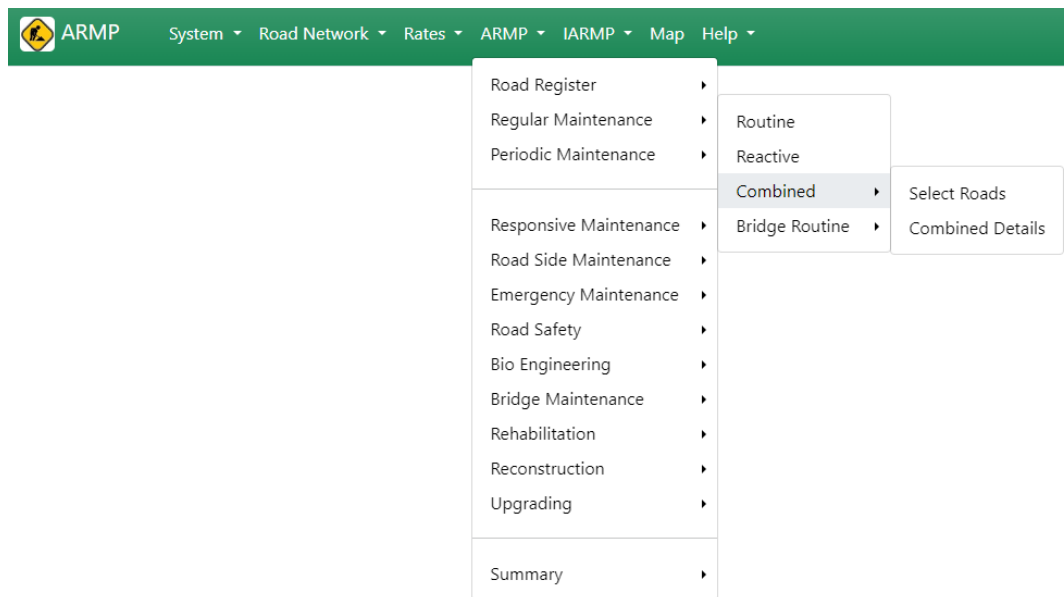
Limit of Shoulder Area: 12

Adopted Shoulder Area (%)

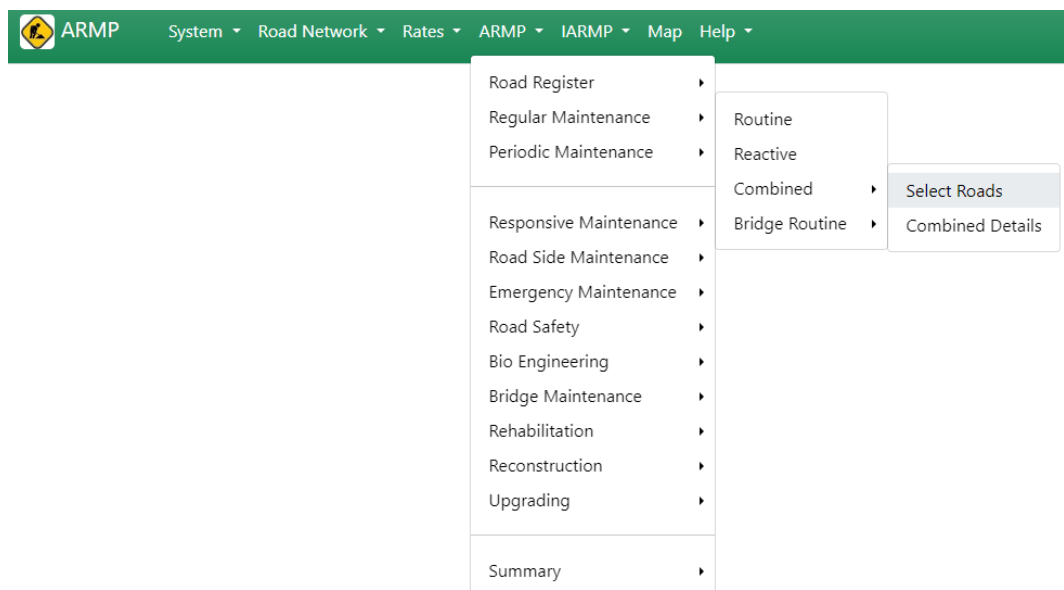
Close
Edit

- c) After making changes, click 'Edit', and to save the changes record, click 'Save' (Admin and editor only).
- d) Select 'Download Excel' to export the data to Excel.

5.2.3 Combined



Select Roads



Baglung ▾
Load
Combined Maintenance: Select Road
Year: 2024

SRN Links					
Road Code	Road Name	From	To	Length	Action
F04206	Baglung-Myagdi district border	0.00	5.80	5.80	Select
F04207	Myagdi district border-Beni	5.80	15.80	10.00	Select
F16601	Kagbeni-Muktinath	0.00	11.00	11.00	Select
NH03-049	Kalgandaki bridge - Baglung	969.63	974.34	4.71	Select
NH03-050	Baglung - Upalchaur	974.34	975.96	1.62	Select
NH03-051	Upalchaur - Hatya	975.96	1020.96	45.00	Select
NH03-052	Hatya - Kharbang	1020.96	1041.96	21.00	Select
NH03-053	Kharbang - Burtibang	1041.96	1063.96	22.00	Select
NH03-054	Burtibang - Devisthan	1063.96	1068.96	5.00	Select
NH03-055	Devisthan - Nissi	1068.96	1083.96	15.00	Select
NH03-056	Nisi - Parthana (DB)	1083.96	1105.96	22.00	Select
NH48-006	Palung Khola - Maldhunga	83.43	121.43	38.00	Select
NH48-008	Beni - Pairothapla	134.43	168.43	34.00	Select

Selected Roads for Combined Maintenance					
Road Code	Road Name	From	To	Length	Action
F04206	Baglung-Myagdi district border	0.00	5.80	5.80	Delete

- a) Select roads for combined maintenance i.e. regular and reactive combined and carried out by the division office. (Admin and editor only)
- b) Provide details for each road similar to the regular and the reactive maintenance

Combined Details

Baglung Combined Maintenance for Bituminous Pavement Year: 2024

SN	Road Ref. No.	Link Code	Link Name	Link			Link Section	Section			RM Length (Km)	Last Resurface Year	Resurface Year Count	Type
				From (Km)	To (Km)	Length (Km)		From (Km)	To (Km)	Length (Km)				
1	F042	F04206	Baglung-Myagdi district border	0.00	5.80	5.80	F04206-A	0.00	3.38	3.38	1.00	2020	4	STGB
2	F042	F04206	Baglung-Myagdi district border	0.00	5.80	5.80	F04206-B	3.38	5.80	2.42	1.50	2020	4	STGB
Division Total										5.80	2.50			

- 100% +

e) Select the Division and press 'Load'.

f) Users are required to enter RM Length (Km), Adopted Pothole Area (%), and Adopted Shoulder Area (%). Users can perform these activities by selecting the 'Edit Data' cell in the last column.

Edit Combined Maintenance Data ✕

Section Length: 3.38

RM Length

Range of Pothole Area: 2.5 to 3.5

Adopted Pothole Area (%)

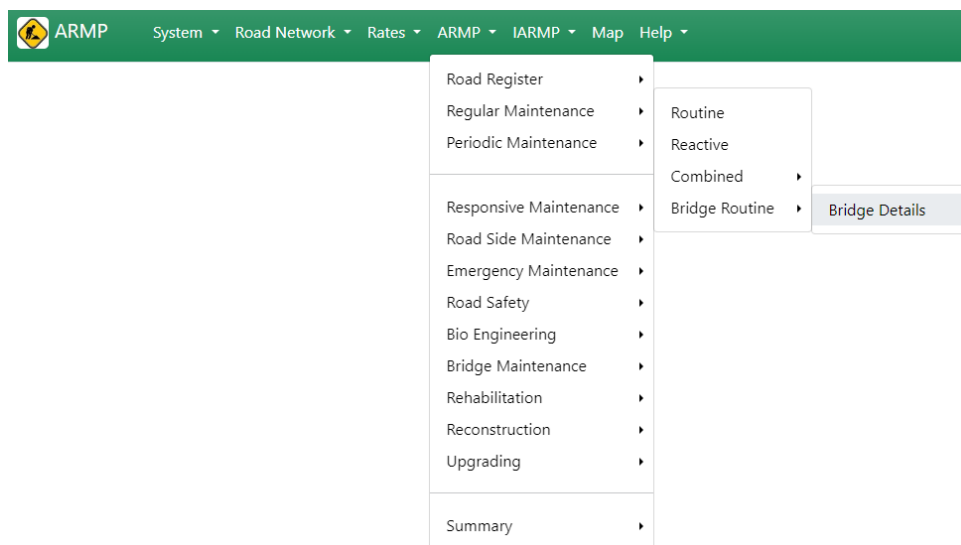
Limit of Shoulder Area: 12

Adopted Shoulder Area (%)

g) After making changes, click 'Edit', and to save the changes record, click 'Save' (Admin and editor only).

h) Select 'Download Excel' to export the data to Excel.

5.2.4 Bridge Routine



Prepare Bridge Routine Details

Select the bridge to include in the routine maintenance or not. The reason for exclusion also should be mentioned if the bridge is not included in routine maintenance.

Baglung
Load
Bridge Routine Maintenance
Year: 2024
Download Excel

SN	Bridge ID	Bridge / River Name	Road Ref. No.	Road Name	Chainage	Total Span	Bride Type	Included RM Span	Included in RM	Reason for Excluding	Action
1	48-F042-033	Tangsara khola			142.77	10.00	RCC T-Beam	0.00	<input type="checkbox"/>		Edit
2	48-F042-036	Lange Khola			148.43	14.80	RCC T-Beam	0.00	<input type="checkbox"/>		Edit
3	48-F042-039	Syang Khola			166.85	115.00	RCC T-Beam	0.00	<input type="checkbox"/>		Edit
4	48-F042-046	Kaligandaki Khola			177.18	47.00	RCC T-Beam	0.00	<input type="checkbox"/>		Edit
5	48-F042-047	Lupra Khola			176.31	51.00	RCC T-Beam	0.00	<input type="checkbox"/>		Edit
6	48-F042-050	Kaligandaki Khola			199.37	74.00	RCC T-Beam	0.00	<input type="checkbox"/>		Edit
7	49-F042-019	Dhodino khola			80.03	24.00	RCC T-Beam	0.00	<input type="checkbox"/>		Edit
8	49-F042-020	Myagdi khola			89.49	60.60	Steel Truss	0.00	<input type="checkbox"/>		Edit
9	49-F042-024	gharamadi khola			107.43	6.00	RCC Slab	0.00	<input type="checkbox"/>		Edit
10	49-F042-026	Duwari Khola			117.43	9.00	RCC Slab	0.00	<input type="checkbox"/>		Edit
11	49-F042-028	Rupse chango Khola			121.32	8.00	RCC T-Beam	0.00	<input type="checkbox"/>		Edit

Total Span included in Routine Maintenance (m)
0.00
Total Routine Maintenance Cost (NRs '000)
0.00
Summary

View Routine Summary

Users can select the 'Summary' button to get the summary of bridge routine maintenance for the selected division.

Bridge Routine Maintenance Summary



Total Bridge Span

0.00

Labour Quantity (md)

0.00

Labour Rate (NRs/md)

810.00

Direct Cost (NRs)

0.00

23% Overhead (NRs)

0.00

Annual Benefit (NRs)

0.00

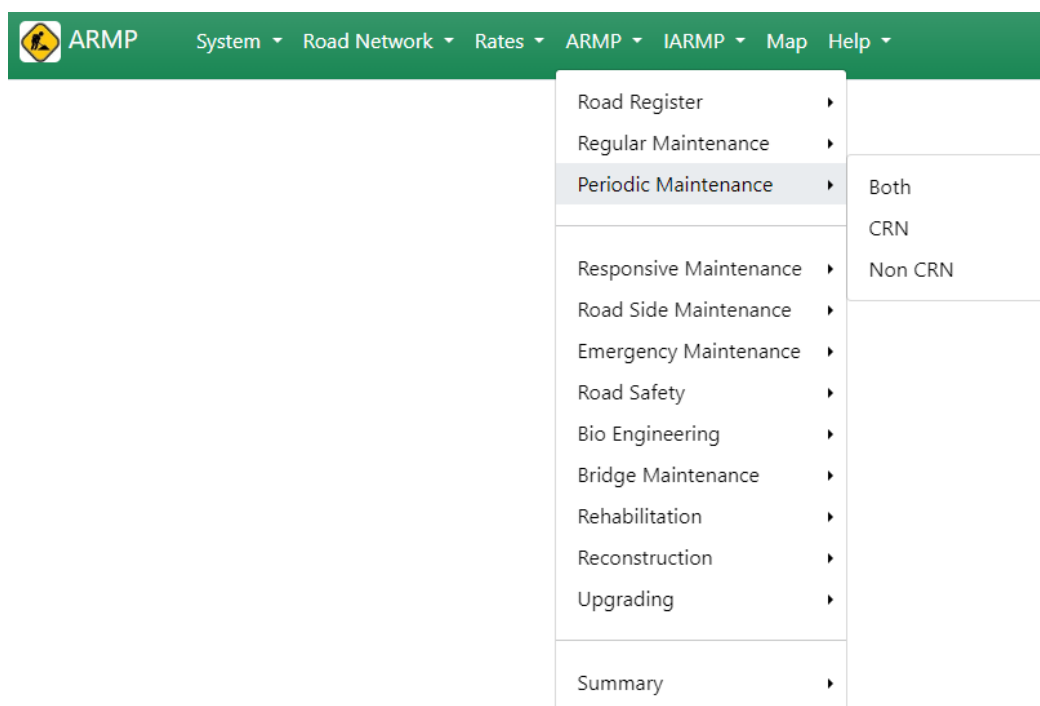
Total Cost (NRs '000)

0.00

[Download Excel](#)

[Close](#)

5.3 Periodic Maintenance



Periodic maintenance requirement (Yes/No) is computed automatically based on the last year of resurfacing, traffic, and SDI values. The current method is the one that is in practice in the DoR. The ARMP is already updated with the recent data on the pavement condition, traffic data, and last re-surface year and is also updated with the 2024 periodic plan. The decision can be made to include the road under periodic maintenance even if the calculation shows "No" based on observation by the division.

Periodic Maintenance Screen

5.3.1 Both

Baglung Load **Periodic Maintenance** Year: 2024 Download Excel

SN	Link Code	Link Name	Link			Pavement Type	Section			Pavement		Terrain	Traf AADT
			From (Km)	To (Km)	Length (Km)		From (Km)	To (Km)	Length (Km)	Width (m)	Area (sqm)		
1	F04206	Baglung-Myagdi district border	0.00	3.38	3.38	STGB	0.00	0.00	0.00	5.00	0.00	H	6
2	F04206	Baglung-Myagdi district border	3.38	5.80	2.42	STGB	0.00	0.00	0.00	5.00	0.00	H	6
3	F04207	Myagdi district border-Beni	5.80	8.67	2.87	STGB	0.00	0.00	0.00	4.00	0.00	H	6
4	F16601	Kagbeni-Mukthinath	0.00	11.00	11.00	STGB	0.10	5.00	4.90	5.50	26950.00	H	1
5	NH03-049	Kaligandaki bridge - Baglung	969.63	974.34	4.71	STGB	0.00	0.00	0.00	7.00	0.00	H	6
6	NH03-050	Baglung - Upallachaur	974.34	975.96	1.62	STGB	0.00	0.00	0.00	7.00	0.00	H	6
7	NH03-051	Upallachaur - Hatiya	975.96	983.96	8.00	STGB	0.00	0.00	0.00	7.00	0.00	H	6
8	NH03-051	Upallachaur - Hatiya	993.96	1,020.96	27.00	STGB	0.00	0.00	0.00	7.00	0.00	H	6
9	NH03-052	Hatiya - Kharbang	1,020.96	1,041.96	21.00	STGB	0.00	0.00	0.00	7.00	0.00	H	6
10	NH03-053	Kharbang - Burtibang	1,041.96	1,063.96	22.00	STGB	0.00	0.00	0.00	7.00	0.00	H	3
11	NH03-054	Burtibang - Devisthan	1,063.96	1,068.96	5.00	STGB	0.00	0.00	0.00	7.00	0.00	H	3
12	NH03-055	Devisthan - Nissi	1,068.96	1,083.96	15.00	STGB	0.00	0.00	0.00	7.00	0.00	H	3
13	NH03-056	Nisi - Parithalna (DB)	1,083.96	1,105.96	22.00	STGB	0.00	0.00	0.00	3.75	0.00	H	3
Division Total									4.90		26950.00		

+ 100%

Save

5.3.2 CRN

Baglung
CRN Periodic Maintenance
Year: 2024

A SN	B Link Code	C Link Name	E Link			G Pavement Type	I Section			K Pavement		M Terrain	N Traff AADT
			D From (Km)	E To (Km)	F Length (Km)		H From (Km)	I To (Km)	J Length (Km)	K Width (m)	L Area (sqm)		
1	F04206	Baglung-Myagdi district border	0.00	3.38	3.38	STGB	0.00	0.00	0.00	5.00	0.00	H	6
2	F04206	Baglung-Myagdi district border	3.38	5.80	2.42	STGB	0.00	0.00	0.00	5.00	0.00	H	6
3	F04207	Myagdi district border-Beni	5.80	8.67	2.87	STGB	0.00	0.00	0.00	4.00	0.00	H	6
4	F16601	Kagbeni-Muktinath	0.00	11.00	11.00	STGB	0.10	5.00	4.90	5.50	26950.00	H	1
5	NH03-049	Kaligandaki bridge - Baglung	969.63	974.34	4.71	STGB	0.00	0.00	0.00	7.00	0.00	H	6
6	NH03-050	Baglung - Upalachaur	974.34	975.96	1.62	STGB	0.00	0.00	0.00	7.00	0.00	H	6
7	NH03-051	Upalachaur - Hatya	975.96	983.96	8.00	STGB	0.00	0.00	0.00	7.00	0.00	H	6
8	NH03-051	Upalachaur - Hatya	993.96	1,020.96	27.00	STGB	0.00	0.00	0.00	7.00	0.00	H	6
9	NH03-052	Hatya - Kharbang	1,020.96	1,041.96	21.00	STGB	0.00	0.00	0.00	7.00	0.00	H	6
10	NH03-053	Kharbang - Burtibang	1,041.96	1,063.96	22.00	STGB	0.00	0.00	0.00	7.00	0.00	H	3
11	NH03-054	Burtibang - Devasthan	1,063.96	1,068.96	5.00	STGB	0.00	0.00	0.00	7.00	0.00	H	3
12	NH03-055	Devasthan - Nissi	1,068.96	1,083.96	15.00	STGB	0.00	0.00	0.00	7.00	0.00	H	3
13	NH03-056	Nisi - Parthinalna (DB)	1,083.96	1,105.96	22.00	STGB	0.00	0.00	0.00	3.75	0.00	H	3
Division Total									4.90		26950.00		

100%

5.3.3 Non CRN

Baglung
NonCRN Periodic Maintenance
Year: 2024

A SN	B Link Code	C Link Name	E Link			G Pavement Type	I Section			K Pavement		M Terrain	N Traff AADT
			D From (Km)	E To (Km)	F Length (Km)		H From (Km)	I To (Km)	J Length (Km)	K Width (m)	L Area (sqm)		
Division Total									0.00		0.00		

100%

- i) Select the Division and press 'Load'.
- j) Users are required to enter the section from, section to, reseal option, remarks, and status of pavement. Users can perform these activities by selecting the 'Edit' cell in the last column.

Edit Periodic Maintenance Data [X]

Link: **From 0 To 11**

Section From: 0.1

Section To: 5

Reseal Option: SD

Remarks:

Status of Pavement:
By PG IDO

[Close] [Edit]

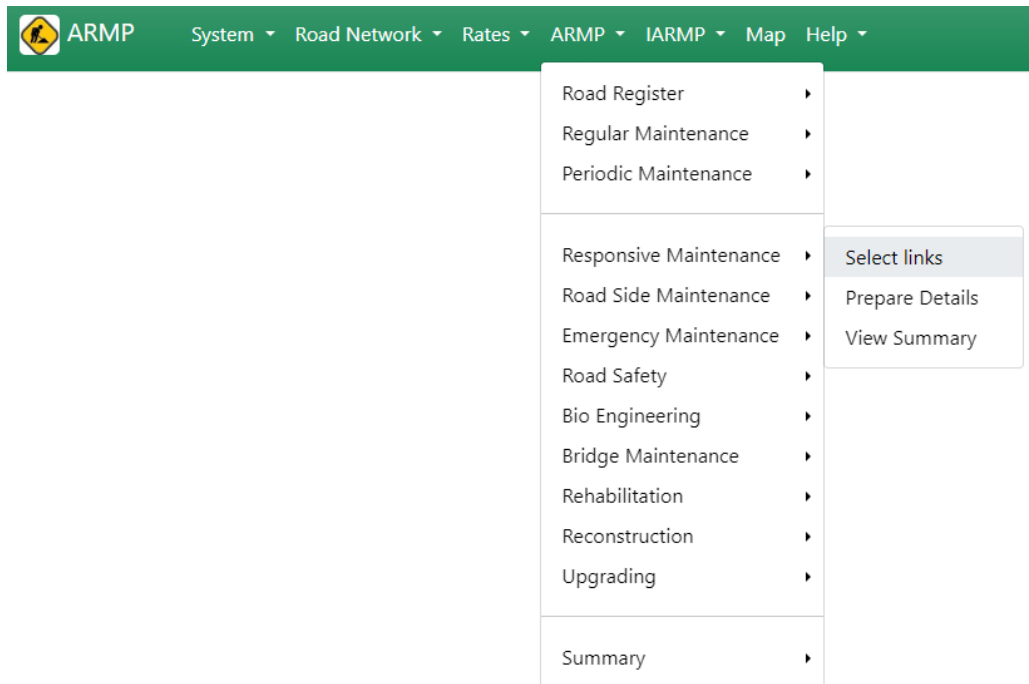
- k) After making changes, click 'Edit', and to save the changes record, click 'Save' (Admin and editor only).
- l) Select 'Download Excel' to export the data to Excel.

5.4 Responsive Maintenance

ARMP System Road Network Rates ARMP IARMP Map Help

- Road Register
- Regular Maintenance
- Periodic Maintenance
- Responsive Maintenance**
 - Select links
 - Prepare Details
 - View Summary
- Road Side Maintenance
- Emergency Maintenance
- Road Safety
- Bio Engineering
- Bridge Maintenance
- Rehabilitation
- Reconstruction
- Upgrading
- Summary

5.4.1 Select Links



Links requiring responsive maintenance should be selected using this tool. The work description should be provided and should not be repeated for the same link. It is better to mention responsive maintenance e.g. "Investigate & reconstruct failed section" etc. rather than putting a generic description. The length of the section should also be provided.

Responsive Road Select Screen

Baglung Load Responsive Maintenance: Select Road Year: 2024

SRN Links						Roads for Responsive Maintenance Works						
Road Code	Road Name	From	To	Length	Action	Road Code	Road Name	Job Name	From	To	Length	Action
F04206	Baglung-Myagdi district border	0.00	5.80	5.80	Select	F04206	Baglung-Myagdi district border	Test	5.00	5.80	0.80	Edit Delete
F04207	Myagdi district border-Beni	5.80	15.80	10.00	Select							
F16601	Kagbeni-Muktinath	0.00	11.00	11.00	Select							
NH03-049	Kaligandaki bridge - Baglung	969.63	974.34	4.71	Select							
NH03-050	Baglung - Upallachaur	974.34	975.96	1.62	Select							
NH03-051	Upallachaur - Hatiya	975.96	1020.96	45.00	Select							
NH03-052	Hatiya - Kharbang	1020.96	1041.96	21.00	Select							
NH03-053	Kharbang - Burtibang	1041.96	1063.96	22.00	Select							
NH03-054	Burtibang - Devasthan	1063.96	1068.96	5.00	Select							
NH03-055	Devasthan - Nissi	1068.96	1083.96	15.00	Select							
NH03-056	Nisi - Parthaina (DB)	1083.96	1105.96	22.00	Select							
NH48-006	Palung Khola - Maldhunga	83.43	121.43	38.00	Select							
NH48-008	Beni - Pairothapla	134.43	168.43	34.00	Select							

Clicking the 'Select' or 'Edit' button opens a pop-up modal where the description of the selected road for the particular type of maintenance (i.e. Work description, Work from, and Work to) can be added or changed. (Admin and editor only)

Edit Roads for Responsive Maintenance Works ✕

Road Code:

F04206

Name of Road:

Baglung-Myagdi district border

CH From 0 To 5.8

Work Desc:

Test

Work From:

5

Work To:

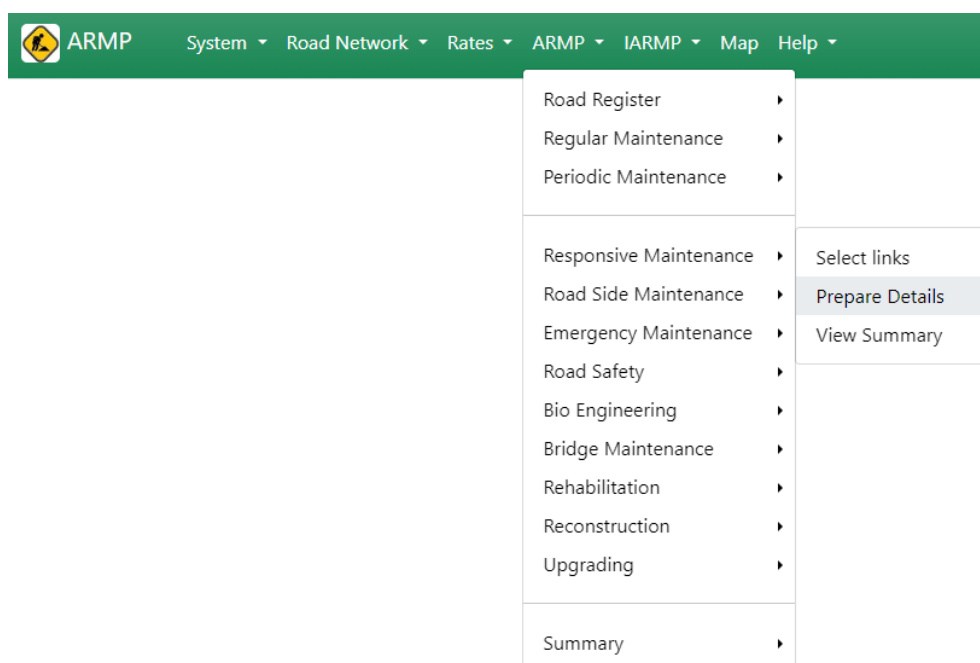
5.8

Close

Edit

Clicking 'Delete' removes the road from the list of roads selected for the particular maintenance. (Admin and editor only)

5.4.2 Prepare Details



Under each of the selected links and the work description, details should be prepared. Standard items will be available and quantities should be provided. The total cost is automatically computed.

Responsive Maintenance: Prepare Details

Work From: 5 To: 5.8

Activity No.	Description of Work	Unit	Quantity	Rate	Amount	Action
RS-007	Single surface dressing work	sqm	50	366.45	18,322.50	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
Sub-Total					18,322.50	
Contingencies 4%					732.90	
Total with Contingencies					19,055.40	
VAT 13%					2,477.20	
Total (With VAT and Contingencies)					21,532.60	

Clicking the 'Add Activity' or 'Edit' button opens a pop-up modal where the description of the specific activity can be added or changed. (Admin and editor only)

Add Responsive Maintenance Works: Detail

Activity No:

Work Description:

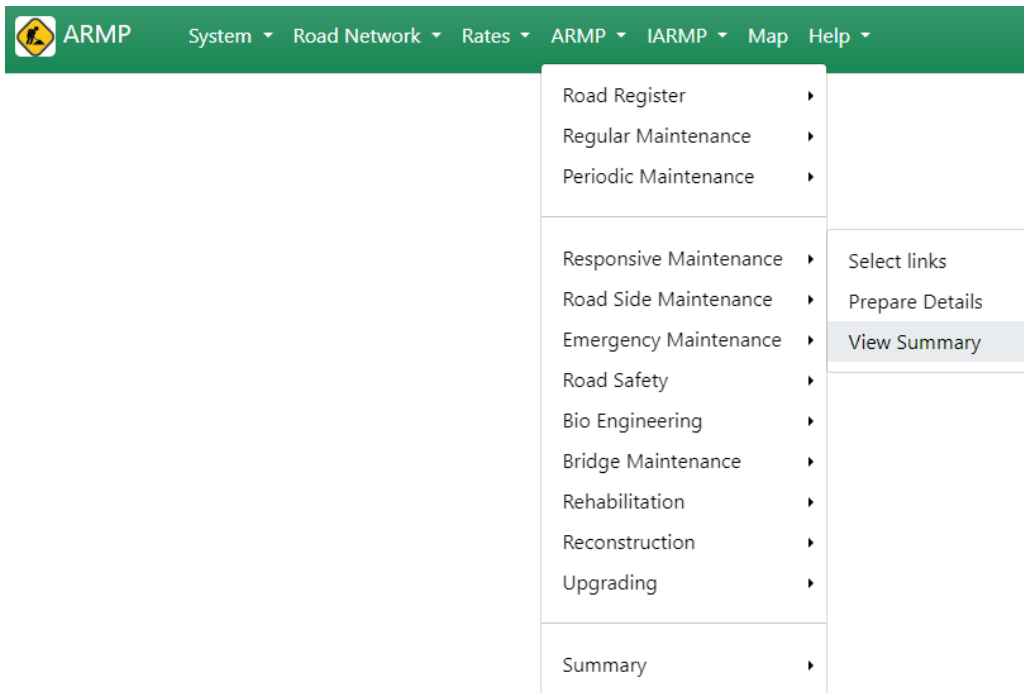
Unit:

Quantity:

Rate:

Amount:

5.4.3 View Summary

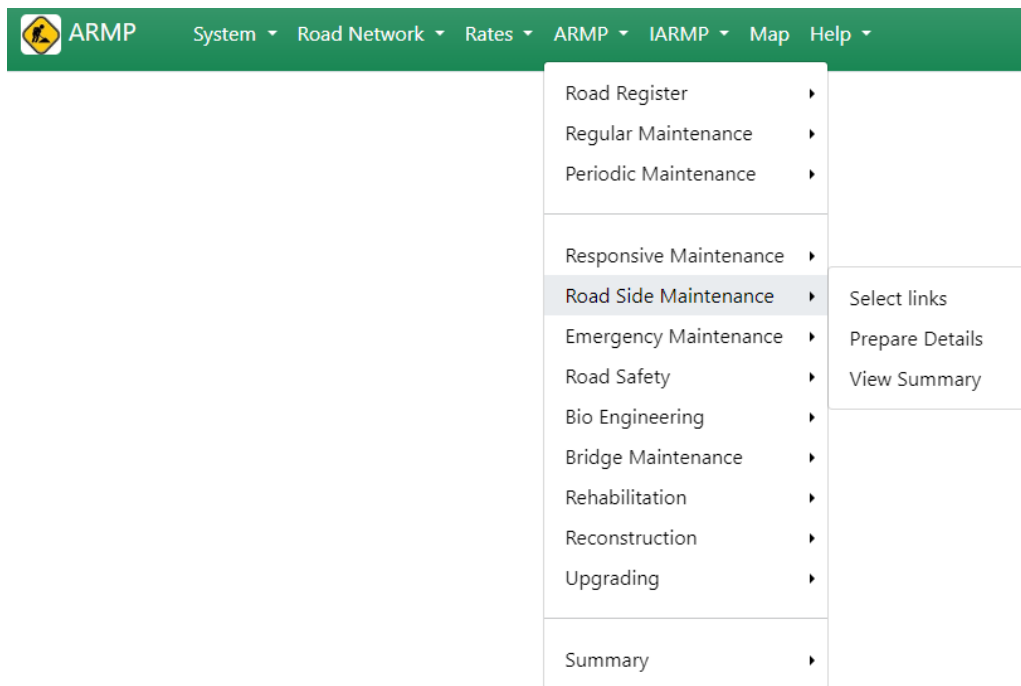


Provides a summary of the responsive maintenance works. Click 'Download Excel' to export the data to Excel.

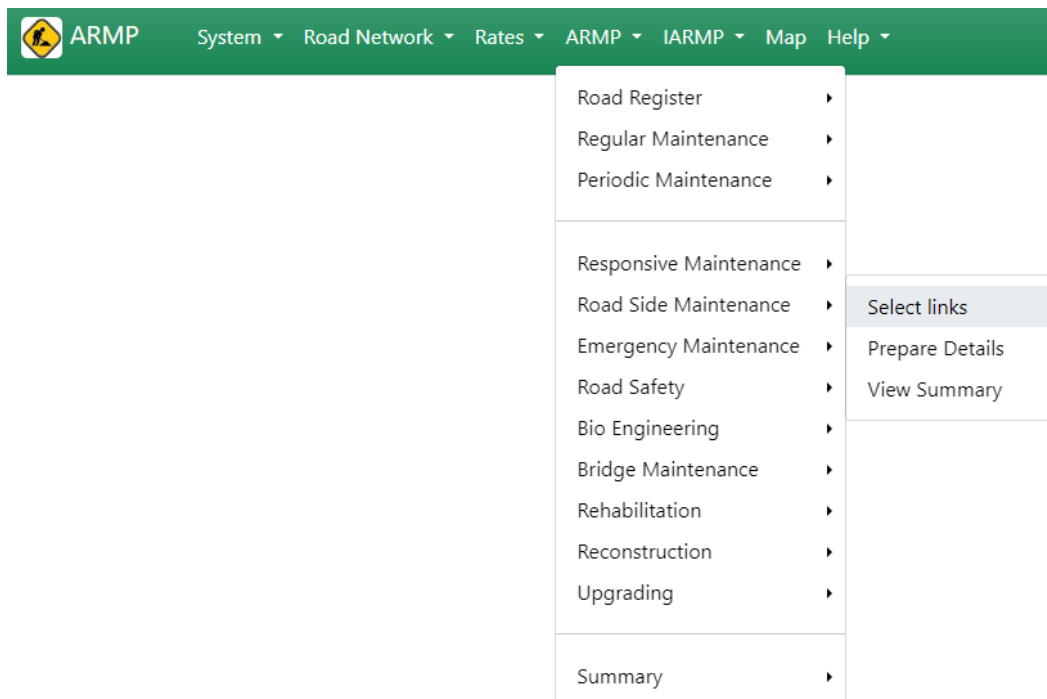
Baglung Load Summary of Responsive Maintenance Works Year: 2024 Download Excel

Road Code	Road Name	From	To	Length	Work Description	Work From	Work To	Work Length	Total Cost (NRs)
F04206	Baglung-Myagdi district border	0.00	5.80	5.80	Test	5.00	5.80	0.80	21,532.60
Total								0.80	21,532.60

5.5 Road Side Maintenance



5.5.1 Select Links



Links requiring road side maintenance should be selected using this tool. The work description should be provided and should not be repeated for the same link. It is better to mention road side maintenance e.g. "Revetment wall in ms slope" etc. rather than putting a generic description. The length of the section should also be provided.

Road Side Maintenance Select Screen

▼
Load

Road Side Maintenance: Select Road

Year: 2024

SRN Links						Roads for Road Side Works						
Road Code	Road Name	From	To	Length	Action	Road Code	Road Name	Job Name	From	To	Length	Action
F04206	Baglung-Myagdi district border	0.00	5.80	5.80	Select	F04206	Baglung-Myagdi district border	test	0.00	3.00	3.00	Edit Delete
F04207	Myagdi district border-Beni	5.80	15.80	10.00	Select							
F16601	Kagbeni-Muktinath	0.00	11.00	11.00	Select							
NH03-049	Kaligandaki bridge - Baglung	969.63	974.34	4.71	Select							
NH03-050	Baglung - Upallachaur	974.34	975.96	1.62	Select							
NH03-051	Upallachaur - Hatiya	975.96	1020.96	45.00	Select							
NH03-052	Hatiya - Kharbang	1020.96	1041.96	21.00	Select							
NH03-053	Kharbang - Burtibang	1041.96	1063.96	22.00	Select							
NH03-054	Burtibang - Devisthan	1063.96	1068.96	5.00	Select							
NH03-055	Devisthan - Nissi	1068.96	1083.96	15.00	Select							
NH03-056	Nisi - Parthaina (DB)	1083.96	1105.96	22.00	Select							
NH48-006	Palung Khola - Maldhunga	83.43	121.43	38.00	Select							
NH48-008	Beni - Pairothapla	134.43	168.43	34.00	Select							

Clicking the 'Select' or 'Edit' button opens a pop-up modal where the description of the selected road for the particular type of maintenance (i.e. Work description, Work from, and Work to) can be added or changed. (Admin and editor only)

Select Roads for Road Side Works

✕

Road Code:

Name of Road:

CH From 0 To 5.8

Work Desc:

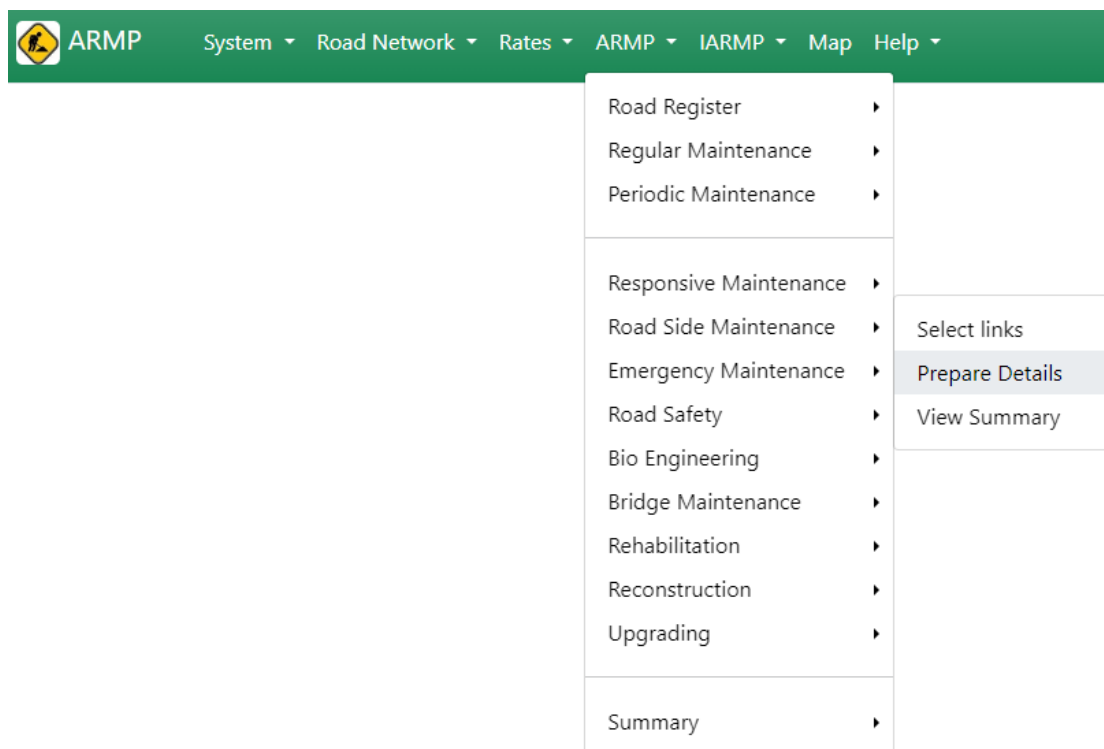
Work From:

Work To:

Close
Save

Clicking 'Delete' removes the road from the list of roads selected for the particular maintenance. (Admin and editor only)

5.5.2 Prepare Details



Under each of the selected links and the work description, details should be prepared. Standard items will be available and quantities should be provided. The total cost is automatically computed.

RoadSide Maintenance: Prepare Details

Work From: 0 To: 3

Activity No.	Description of Work	Unit	Quantity	Rate	Amount	Action
RM-001	Bio Engineering Works	sqm	500	472.50	236,250.00	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
Sub-Total					236,250.00	
Contingencies 4%					9,450.00	
Total with Contingencies					245,700.00	
VAT 13%					31,941.00	
Total (With VAT and Contingencies)					277,641.00	

Clicking the 'Add Activity' or 'Edit' button opens a pop-up modal where the description of the specific activity can be added or changed. (Admin and editor only)

Add Road Side Works: Detail ✕

Activity No:
RM-001:Bio Engineering Works ▼

Work Description:
Bio Engineering Works

Unit:
sqm

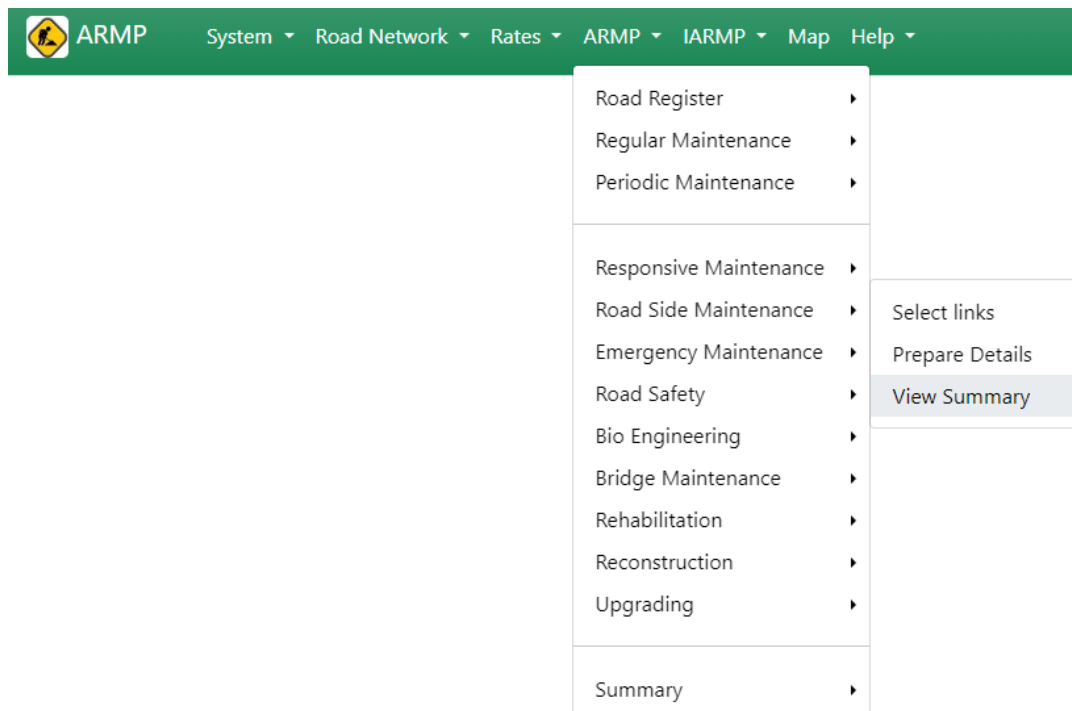
Quantity:

Rate:
472.5

Amount:
0.00

Close Add

5.5.3 View Summary

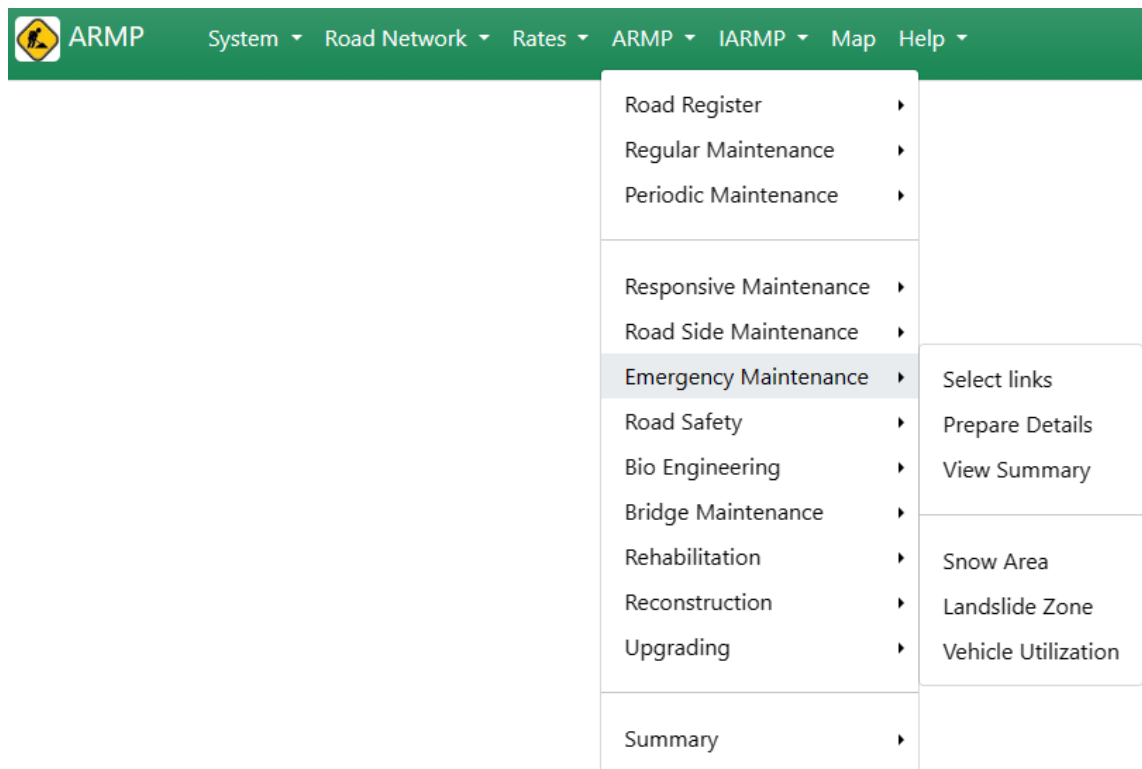


Provides the summary of the road side maintenance works. Click 'Export Excel' to export the data to Excel.

Baglung Summary of RoadSide Maintenance Works Year: 2024

Road Code	Road Name	From	To	Length	Work Description	Work From	Work To	Work Length	Total Cost (NRs)
F04206	Baglung-Myagdi district border	0.00	5.80	5.80	test	0.00	3.00	3.00	277,641.00
Total								3.00	277,641.00

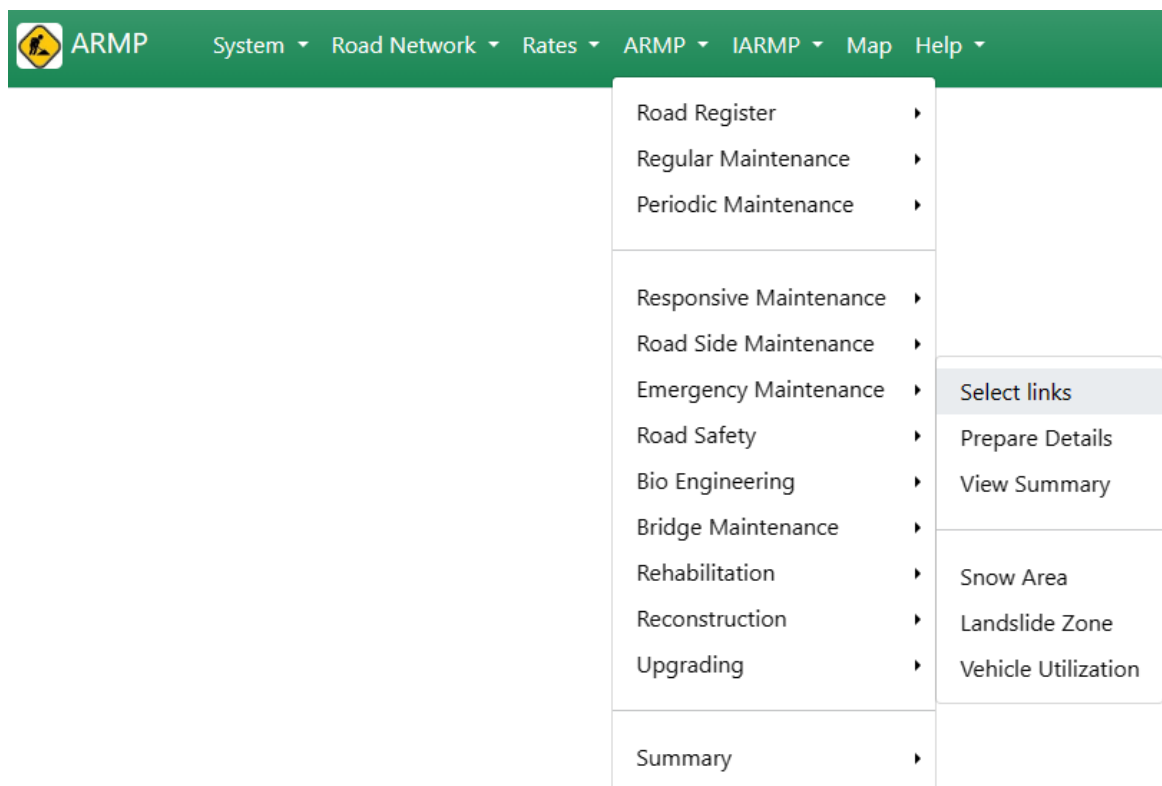
5.6 Emergency Maintenance



The screenshot shows the ARMP software interface with a green navigation bar. The 'ARMP' menu is open, and 'Emergency Maintenance' is highlighted. A secondary menu is visible to the right of 'Emergency Maintenance', listing several options: 'Select links', 'Prepare Details', 'View Summary', 'Snow Area', 'Landslide Zone', and 'Vehicle Utilization'.

ARMP	System	Road Network	Rates	ARMP	IARMP	Map	Help					
Road Register	Regular Maintenance	Periodic Maintenance	Responsive Maintenance	Road Side Maintenance	Emergency Maintenance	Road Safety	Bio Engineering	Bridge Maintenance	Rehabilitation	Reconstruction	Upgrading	Summary
					Select links	Prepare Details	View Summary	Snow Area	Landslide Zone	Vehicle Utilization		

5.6.1 Select Links



The screenshot shows the ARMP software interface with the 'ARMP' menu open. 'Emergency Maintenance' is selected, and the secondary menu is open, with 'Select links' highlighted.

ARMP	System	Road Network	Rates	ARMP	IARMP	Map	Help					
Road Register	Regular Maintenance	Periodic Maintenance	Responsive Maintenance	Road Side Maintenance	Emergency Maintenance	Road Safety	Bio Engineering	Bridge Maintenance	Rehabilitation	Reconstruction	Upgrading	Summary
					Select links	Prepare Details	View Summary	Snow Area	Landslide Zone	Vehicle Utilization		

Baglung ▾
Load
Emergency Maintenance: Select Road
Year: 2024

SRN Links						Roads for Emergency Maintenance Works						
Road Code	Road Name	From	To	Length	Action	Road Code	Road Name	Job Name	From	To	Length	Action
F04206	Baglung-Myagdi district border	0.00	5.80	5.80	Select	F04206	Baglung-Myagdi district border	Test	1.00	3.00	2.00	Edit Delete
F04207	Myagdi district border-Beni	5.80	15.80	10.00	Select							
F16601	Kagbeni-Muktinath	0.00	11.00	11.00	Select							
NH03-049	Kaligandaki bridge - Baglung	969.63	974.34	4.71	Select							
NH03-050	Baglung - Upallachaur	974.34	975.96	1.62	Select							
NH03-051	Upallachaur - Hatiya	975.96	1020.96	45.00	Select							
NH03-052	Hatiya - Kharbang	1020.96	1041.96	21.00	Select							
NH03-053	Kharbang - Burtibang	1041.96	1063.96	22.00	Select							
NH03-054	Burtibang - Devasthan	1063.96	1068.96	5.00	Select							
NH03-055	Devasthan - Nissi	1068.96	1083.96	15.00	Select							
NH03-056	Nisi - Parthaina (DB)	1083.96	1105.96	22.00	Select							
NH48-006	Palung Khola - Maldhunga	83.43	121.43	38.00	Select							
NH48-008	Beni - Pairothapla	134.43	168.43	34.00	Select							

Clicking the 'Select' or 'Edit' button opens a pop-up modal where the description of the selected road for the particular type of maintenance (i.e. Work description, Work from, and Work to) can be added or changed. (Admin and editor only)

Edit Roads for Emergency Maintenance Works ✕

Road Code:

F04206

Name of Road:

Baglung-Myagdi district border

CH From 0 To 5.8

Work Desc:

Test

Work From:

1

Work To:

3

Close

Edit

Clicking 'Delete' removes the road from the list of roads selected for the particular maintenance. (Admin and editor only)

5.6.2 Prepare Details

Emergency Maintenance: Prepare Details

Work From: 1 To: 3

Activity No.	Description of Work	Unit	Quantity	Rate	Amount	Action
EM-001	Construction of diversion	Km	1	26,250.00	26,250.00	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
Sub-Total					26,250.00	
Contingencies 4%					1,050.00	
Total with Contingencies					27,300.00	
VAT 13%					3,549.00	
Total (With VAT and Contingencies)					30,849.00	

Clicking the 'Add Activity' or 'Edit' button opens a pop-up modal where the description of the specific activity can be added or changed. (Admin and editor only)

Add Emergency Maintenance Works: Detail ✕

Activity No:

EM-001:Construction of diversion ▼

Work Description:

Construction of diversion

Unit:

Km

Quantity:

Rate:

26250

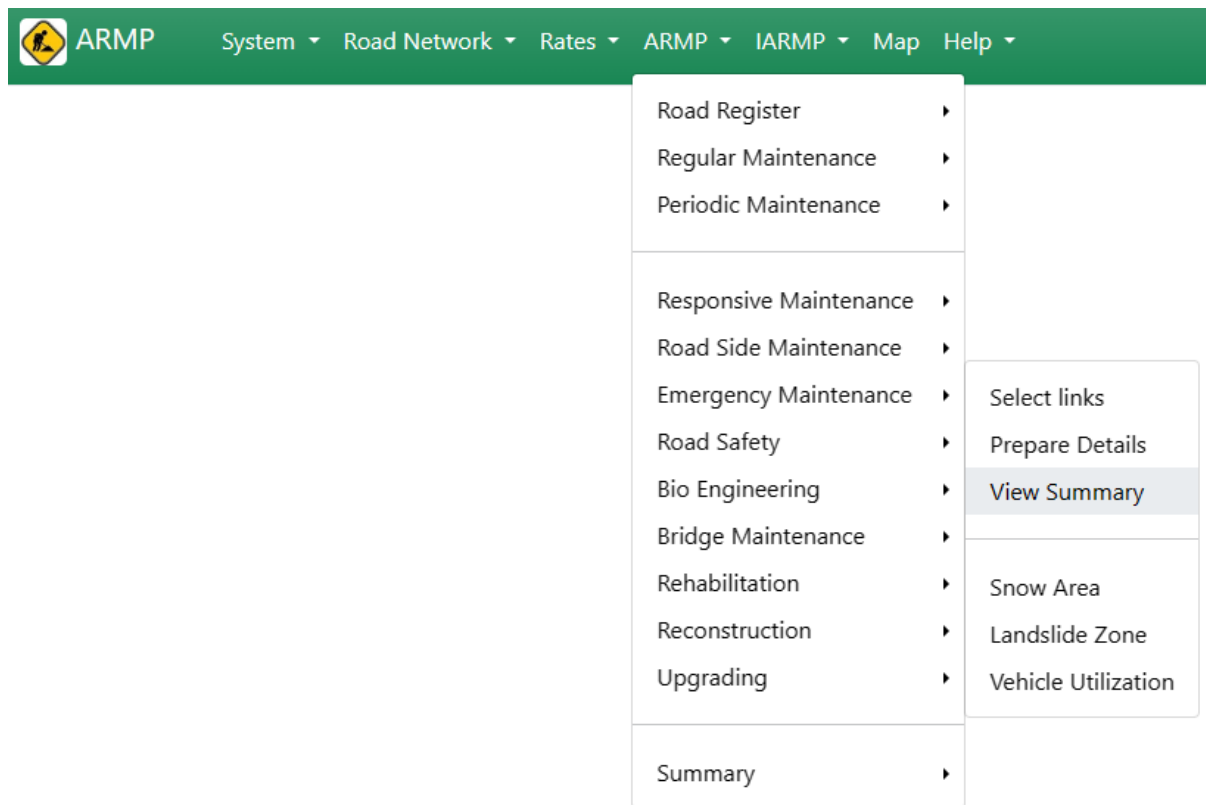
Amount:

0.00

Close

Add

5.6.3 View Summary



Provides the summary of the emergency maintenance works. Click 'Download Excel' to export the data to Excel.

Baglung Summary of Emergency Maintenance Works Year: 2024

Road Code	Road Name	From	To	Length	Work Description	Work From	Work To	Work Length	Total Cost (NRs)
P04206	Baglung-Myagdi district border	0.00	5.80	5.80	Test	1.00	3.00	2.00	30,849.00
Total								2.00	30,849.00

5.6.4 Snow Area

Upon selecting the desired division from the dropdown located at the top left corner and clicking the "Load" button, the existing data on the snow area is displayed. This table can be exported by clicking on the "Download Snow Data" button.

Doti Snow Area Year: 2024 National

Add Snow Data
Download Snow Data

SN	Road Name	Road Code	From Ch	To Ch	Frequency	Approx. Snow Days	Action
1	Chaukhutte Bazar - Silgadhi	NH03-082	1561.210	1571.000	2 to 3 times per year	2	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
2	Chaukhutte Bazar - Silgadhi	NH03-082	1585.000	1590.000	2 to 3 times per year	1	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
3	Syaule Bazar - Anarkholi	NH03-086	1668.150	1690.530	2 to 3 times per year	2	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
4	Gairha - Syaule	NH66-006	90.000	110.540	2 to 3 times per year	2	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

Clicking the 'Add Snow Data' or 'Edit' button opens a pop-up modal where the description of the specific snow area information can be added or changed. (Admin and editor only)

Snow Area Data

✕

Road

F17501 : Patan-Pancheswor
▼

Link From: 0.000 Link To: 62.000

From Ch

To Ch

Frequency

Approx. Snow Days

Clicking 'Delete' removes the snow data of the corresponding snow area. (Admin and editor only)

Upon selecting the desired summary type from the dropdown located at the top right corner and clicking the "Load Summary" button, the relevant data on the snow area is displayed. This table can be exported by clicking on the "Download Snow Summary Data" button.

Select Division

▼

Load

Snow Area

Year: 2024

FHSMO-Surkhet

▼

Load Summary

FHSMO-Surkhet Summary

Download Snow Summary Data

SN	Division	Road Name	Road Code	From Ch	To Ch	Frequency	Approx. Snow Days
1	Doti	Chaukhutte Bazar - Silgadhi	NH03-082	1561.210	1571.000	2 to 3 times per year	2
2	Doti	Chaukhutte Bazar - Silgadhi	NH03-082	1585.000	1590.000	2 to 3 times per year	1
3	Doti	Syaule Bazar - Anarkholi	NH03-086	1668.150	1690.530	2 to 3 times per year	2
4	Doti	Gairha - Syaule	NH66-006	90.000	110.540	2 to 3 times per year	2
5	Khalanga	Bulbule - Gangadhi	NH60-007	196.430	201.430	12 Days	120
6	Sanphebagar	Jhakale - Chaukhutte Bazar	NH03-081	1560.000	1561.000	1	2

5.6.5 Landslide Zone

Upon selecting the desired division from the dropdown located at the top left corner and clicking the "Load" button, the existing data on the landslide zone is displayed. This table can be exported by clicking on the "Download Landslide Data" button.

Baitadi Load Landslide Zone Year: 2024 Select Summary Ty Load Summary

Add Landslide Data
Download Landslide Data

SN	Road Code	Road Name	Chainage	Length (m)	Height of Affected Slope (m)	Direction	Trigger Year	Photo	Action
1	NH03-089	Patan-Satbhani	0.00	300.00	18.00	Uphill	2080		Edit Delete
2	NH64-001	Khodpe - Bithad	0.00	250.00	65.00	Uphill	2080		Edit Delete
3	NH64-001	Khodpe - Bithad	0.00	200.00	20.00	Uphill	2080		Edit Delete
4	NH64-001	Khodpe - Bithad	0.00	120.00	20.00	Uphill	2080		Edit Delete
5	NH64-002	Bithad - Kalangagad	0.00	40.00	25.00	Uphill	2079		Edit Delete
6	NH64-002	Bithad - Kalangagad	0.00	100.00	25.00	Uphill	2080		Edit Delete
7	NH64-004	Deura - Tamail	0.00	800.00	3.00	Both	2079		Edit Delete

Clicking the 'Add Landslide Data' or 'Edit' button opens a pop-up modal where the description of the specific landslide information can be added or changed. (Admin and editor only)

Landslide Data
✕

Road

Select Link...
▼

Link From: Link To:

Chainage (In Decimal KM)

Length

Height of Affected Slope

Direction

Choose...
▼

Trigger Year (in AD)

Browse Image

Remarks

Add/Edit

Close

Clicking 'Delete' removes the landslide data of the corresponding landslide zone. (Admin and editor only)

Upon selecting the desired summary type from the dropdown located at the top right corner and clicking the "Load Summary" button, the relevant data on the landslide zone is displayed. This table can be exported by clicking on the "Download Landslide Summary Data" button.

Baitadi ▼
Load
Landslide Zone
Year: 2024
FHSMO-Surkhet ▼
Load Summary

FHSMO-Surkhet Summary
Download Landslide Summary Data

SN	Division	Road Code	Road Name	Chainage	Length (m)	Height of Affected Slope (m)	Direction	Trigger Year	Photo
1	Baitadi	NH03-089	Patan-Satbhanj	0.00	300.00	18.00	Uphill	2080	
2	Baitadi	NH64-001	Khodpe - Bithad	0.00	250.00	65.00	Uphill	2080	
3	Baitadi	NH64-001	Khodpe - Bithad	0.00	200.00	20.00	Uphill	2080	
4	Baitadi	NH64-001	Khodpe - Bithad	0.00	120.00	20.00	Uphill	2080	
5	Baitadi	NH64-002	Bithad - Kalangagad	0.00	40.00	25.00	Uphill	2079	
6	Baitadi	NH64-002	Bithad - Kalangagad	0.00	100.00	25.00	Uphill	2080	
7	Baitadi	NH64-004	Deura -Tamail	0.00	800.00	3.00	Both	2079	

5.6.6 Vehicle Utilization

Upon selecting the desired division from the dropdown located at the top left corner and clicking the "Load" button, the existing data on vehicle utilization is displayed. This table can be exported by clicking on the "Download Vehicle Utilization Data" button.

HED Butwal ▼
Load

Vehicle Utilization

Year: 2024
Select Summary Ty ▼
Load Summary

Add Vehicle Utilization Data
Download Vehicle Utilization Data

SN	Vehicle Reg. No.	Vehicle Type	Purchased Year	2019		2020		2021		2022	
				Emergency Use (Hr)	Total Use (Hr)	Emergency Use (Hr)	Total Use (Hr)	Emergency Use (Hr)	Total Use (Hr)	Emergency Use (Hr)	Total Use (Hr)
1	031-079	Dozer, Track Komatsu	2068	0	0	29	26	0	7	0	
2	042-015	Excavator, Track Dewoo	2059	0	0	0	0	0	0	0	
3	042-020	Excavator, Track Dewoo	2062	0	56	28	0	0	0	0	
4	042-024	Dozer, Track Komatsu	2068	94	858	258	318	60	295	0	
5	042-033	Excavator, Track JCB	2072	83	734	0	474	43	395	8	
6	042-039	Dozer, Track Hyundai	2073	30	425	159	575	37	113	48	
7	042-049	Dozer, Track Hyundai	2077	0	0	0	0	75	491	74	
8	042-058	Excavator, Track Valvo	2079	0	0	0	0	0	0	0	
9	043-006	Mini Excavator	2075	0	48	0	239	0	113	0	
10	044-002	Excavator, Wheel Doosan	2075	0	352	0	113	31	96	24	
11	055-051	Grader, Motor Champion	2050	0	16	0	0	0	7	0	

Clicking the 'Add Vehicle Utilization Data' or 'Edit' button opens a pop-up modal where the description of the specific vehicle utilization information can be added or changed. (Admin and editor only)

Vehicle Utilization Data
✕

Vehicle Registration No.

Vehicle Type

Purchased Year (in AD)

Fiscal Year	Emergency Use (Hr)	Total Use (Hr)
2019	<input style="width: 100%;" type="text" value="0"/>	<input style="width: 100%;" type="text" value="0"/>
2020	<input style="width: 100%;" type="text" value="0"/>	<input style="width: 100%;" type="text" value="0"/>
2021	<input style="width: 100%;" type="text" value="0"/>	<input style="width: 100%;" type="text" value="0"/>
2022	<input style="width: 100%;" type="text" value="0"/>	<input style="width: 100%;" type="text" value="0"/>
2023	<input style="width: 100%;" type="text" value="0"/>	<input style="width: 100%;" type="text" value="0"/>
2024	<input style="width: 100%;" type="text" value="0"/>	<input style="width: 100%;" type="text" value="0"/>

Remarks

Add/Edit
Close

Clicking 'Delete' removes the vehicle utilization data of the corresponding vehicle. (Admin and editor only)

Upon selecting the desired summary type from the dropdown located at the top right corner and clicking the "Load Summary" button, the relevant data on vehicle utilization is displayed. This table can be exported by clicking on the "Download Vehicle Utilization Summary Data" button.

▼

Load

Vehicle Utilization

Year: 2024

▼

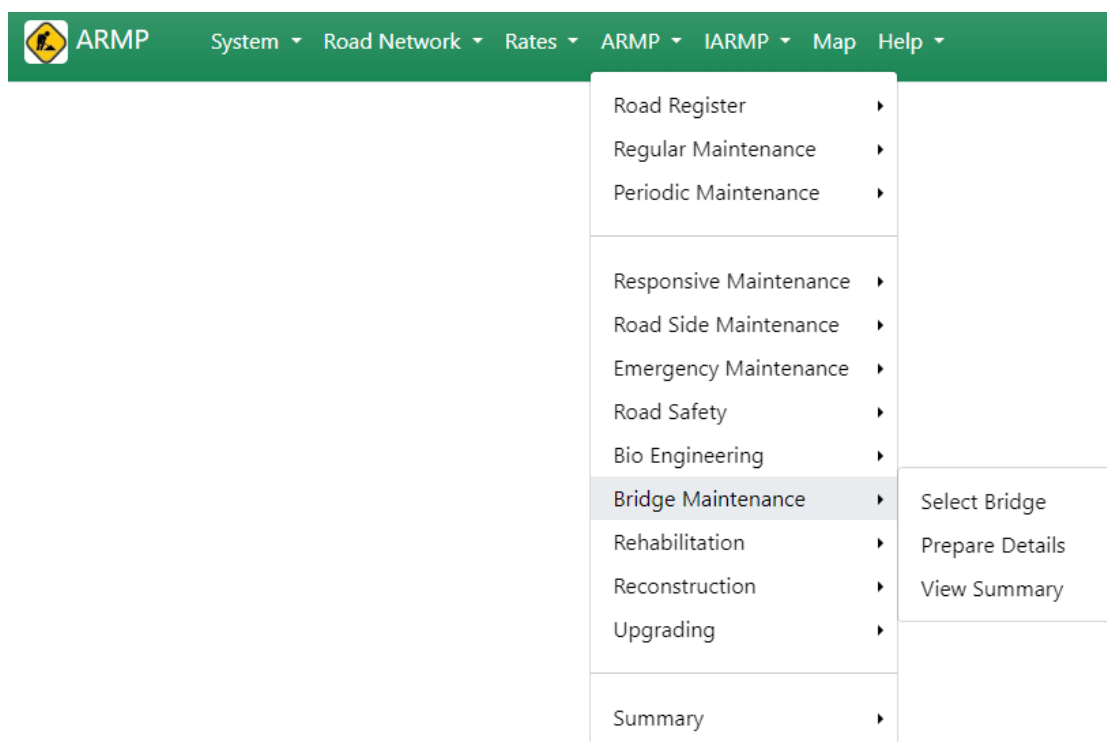
Load Summary

FHSMO-Surkhet Summary

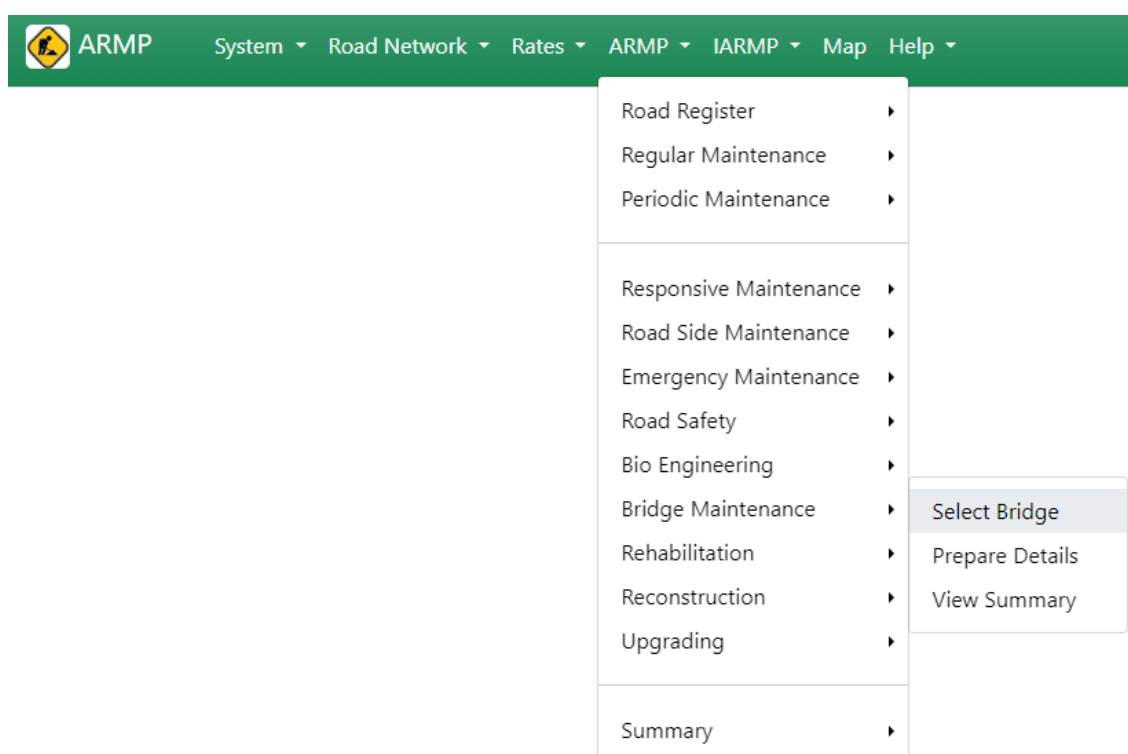
Download Vehicle Utilization Summary Data

SN	Office	Vehicle Reg. No.	Vehicle Type	Purchased Year	2019		2020		Emergency U
					Emergency Use (Hr)	Total Use (Hr)	Emergency Use (Hr)	Total Use (Hr)	
1	HED Godawari	042-045	Excavator Track	2074	0	0	0	0	
2	HED Godawari	068-139	Wheel Loader	2076	0	0	0	0	
3	HED Godawari	068-159	Wheel Loader	2079	0	0	0	0	
4	HED Godawari	068-161	Wheel Loader	2079	0	0	0	0	
5	HED Godawari	068-165	Wheel Loader	2080	0	0	0	0	
6	HED Godawari	070-042	Loader Back Hoe	2073	0	0	0	0	
7	HED Godawari	070-060	Loader Back Hoe	2075	0	0	0	0	
8	HED Godawari	Ba.1 Ga 3253	Mounted Crane Truck	2019	62.4	62.4	14	14	
9	HED Godawari	Ba.pra.01001 Ga 4232	Transporter	2079	0	0	0	0	
10	HED Godawari	Na1 Ga 447	Transporter	2062	0	0	0	0	
11	HED Godawari	RD 042-061	Excavator Track	2078	0	0	0	0	
12	HED Godawari	RD 068-062	Wheel Loader	2053	0	0	0	0	

5.7 Bridge Maintenance



5.7.1 Select Bridge for Minor Maintenance



Select the bridges for minor maintenance and also provide the work descriptions. If the same bridge is used for different works, the work description should be different.

Baglung

Load

Bridge Minor Maintenance: Select Bridge

Year: 2024

SSRN Bridges							Selected Bridges								
Bridge / River Name	Road Ref. No.	Road Name	Chainage	Total Span	Bride Type	Action	SN	Bridge ID	Bridge / River Name	Job Name	Road Ref. No.	Road Name	Chainage	Total Span	Br
Tangsara khola		N/A	142.77	10.00	RCC T-Beam	Select									
Lange Khola		N/A	148.43	14.80	RCC T-Beam	Select									
Syang Khola		N/A	166.85	115.00	RCC T-Beam	Select									
Kaligandaki Khola		N/A	177.18	47.00	RCC T-Beam	Select									
Lupra Khola		N/A	176.31	51.00	RCC T-Beam	Select									
Kaligandaki Khola		N/A	199.37	74.00	RCC T-Beam	Select									
Dhodino khola		N/A	80.03	24.00	RCC T-Beam	Select									
Myagdi khola		N/A	89.49	60.60	Steel Truss	Select									
gharamadi khola		N/A	107.43	6.00	RCC Slab	Select									
Duwari Khola		N/A	117.43	9.00	RCC Slab	Select									
Rupse chango Khola		N/A	121.32	8.00	RCC T-Beam	Select									
Kaligandaki Khola		N/A	12.30	76.40	RCC T-Beam	Select									
Daram khola		N/A	56.92	36.50	Steel Plate Girder	Select									

Clicking the 'Select' or 'Edit' button opens a pop-up modal where the description of the selected bridge for maintenance (i.e. Work description) can be added or changed. (Admin and editor only)

Select Bridge for Minor Maintenance Works
✕

Bridge Id:

Bridge Name:

Road Ref. No.:

Road Name:

Chainage:

Work Desc:

Bridge Type:

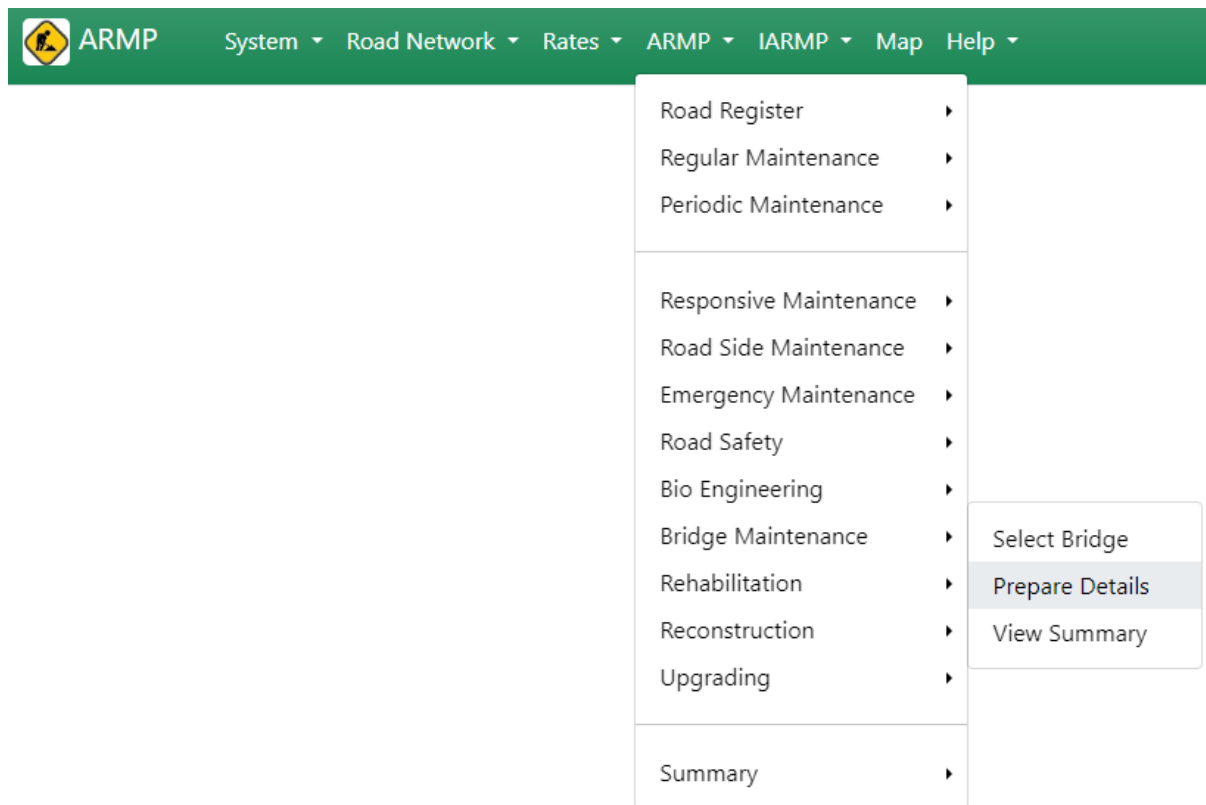
Total Span:

Close

Save

Clicking 'Delete' removes the bridge from the list of bridges selected for maintenance. (Admin and editor only)

5.7.2 Prepare Detail



Division: Baglung ▼ Year: 2024

Bridge Minor Maintenance: Details

Bridge Selection

Bridge: 48-F042-033 : Tangsara khola ▼ Job Description: Test ▼ Load

Road Name: N/A Chainage: 142.77 Bridge Type: RCC T-Beam Total Span: 10 No. of Span: 1

SN	Activity Group	Activity No.	Description of Work	Unit	Quantity	Rate	Amount	Action
Sub-Total							0.00	
Contingencies 5%							0.00	
Total with Contingencies							0.00	
VAT 13%							0.00	
Total (With VAT and Contingencies)							0.00	

Add Activity

Clicking the 'Add Activity' or 'Edit' button opens a pop-up modal where the description of the specific activity can be added or changed. (Admin and editor only)

Add Bridge Minor Maintenance Detail



Activity Group	Bridge Maintenance
Activity No	BM-005 : Removal of debris/waterway clearance
Work Desc	
Unit	
Quantity	0
Rate	
Amount	0.00

Close Save

5.7.3 View Summary

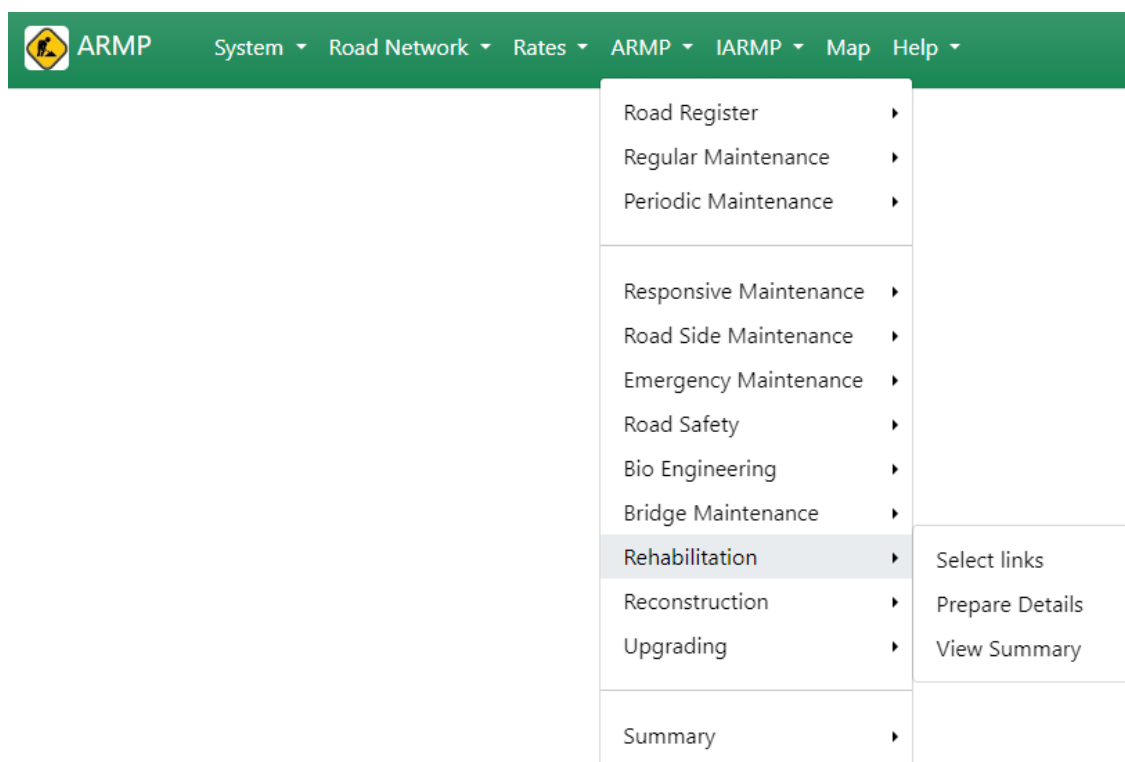
The screenshot shows the ARMP software interface. The top navigation bar is green and contains the ARMP logo and several menu items: System, Road Network, Rates, ARMP, IARMP, Map, and Help. The 'ARMP' menu is expanded, showing a list of options: Road Register, Regular Maintenance, Periodic Maintenance, Responsive Maintenance, Road Side Maintenance, Emergency Maintenance, Road Safety, Bio Engineering, Bridge Maintenance, Rehabilitation, Reconstruction, Upgrading, and Summary. The 'Bridge Maintenance' option is highlighted, and a sub-menu is displayed to its right, containing 'Select Bridge', 'Prepare Details', and 'View Summary'. The 'View Summary' option is highlighted in grey.

Provides the summary of the bridge's minor maintenance works. Click 'Download Excel' to export the data to Excel.

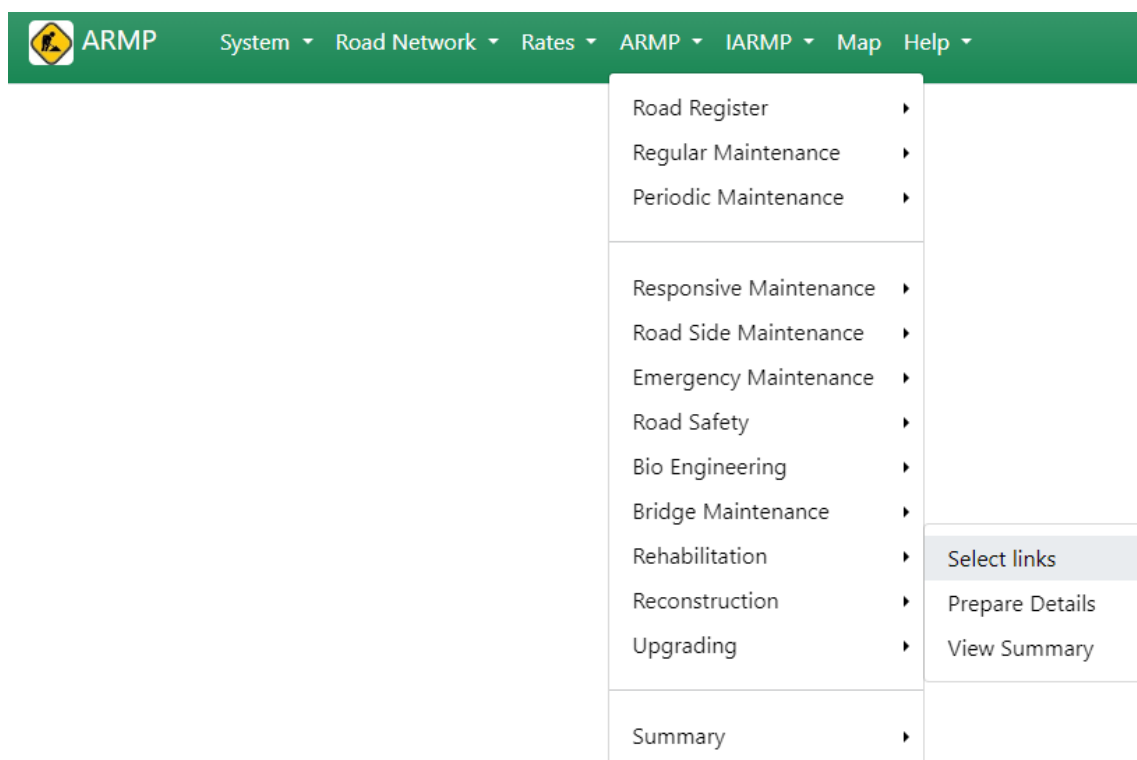
Baglung Bridge Minor Maintenance: Summary Year: 2024

SN	Bridge ID	Bridge Name	Minor Work Description	Road Ref. No.	Road Name	Chainage	Total Cost (NRs)
1	48-F042-033	Tangsara khola	Test		N/A	142.77	0.00
Total							0.00

5.8 Rehabilitation



5.8.1 Select Links



Links requiring rehabilitation should be selected using this tool. The work description should be provided and should not be repeated for the same link. The length of the section should also be provided.

Load

Rehabilitation: Select Road

Year: 2024

SRN Links

Road Code	Road Name	From	To	Length	Action
F04206	Baglung-Myagdi district border	0.00	5.80	5.80	Select
F04207	Myagdi district border-Beni	5.80	15.80	10.00	Select
F16601	Kagbeni-Muktinath	0.00	11.00	11.00	Select
NH03-049	Kaligandaki bridge - Baglung	969.63	974.34	4.71	Select
NH03-050	Baglung - Upallachaur	974.34	975.96	1.62	Select
NH03-051	Upallachaur - Hatiya	975.96	1020.96	45.00	Select
NH03-052	Hatiya - Kharbang	1020.96	1041.96	21.00	Select
NH03-053	Kharbang - Burtibang	1041.96	1063.96	22.00	Select
NH03-054	Burtibang - Devisthan	1063.96	1068.96	5.00	Select
NH03-055	Devisthan - Nissi	1068.96	1083.96	15.00	Select
NH03-056	Nisi - Parthaina (DB)	1083.96	1105.96	22.00	Select
NH48-006	Palung Khola - Maldhunga	83.43	121.43	38.00	Select
NH48-008	Beni - Pairothapla	134.43	168.43	34.00	Select

Roads for Rehabilitation Works

Road Code	Road Name	Job Name	From	To	Length	Action
F04206	Baglung-Myagdi district border	Test	0.00	3.00	3.00	Edit Delete

Clicking the 'Select' or 'Edit' button opens a pop-up modal where the description of the selected road for the particular type of maintenance (i.e. Work description, Work from, and Work to) can be added or changed. (Admin and editor only)

Select Roads for Rehabilitation Works

✕

Road Code:

Name of Road:

CH From 0 To 5.8

Work Desc:

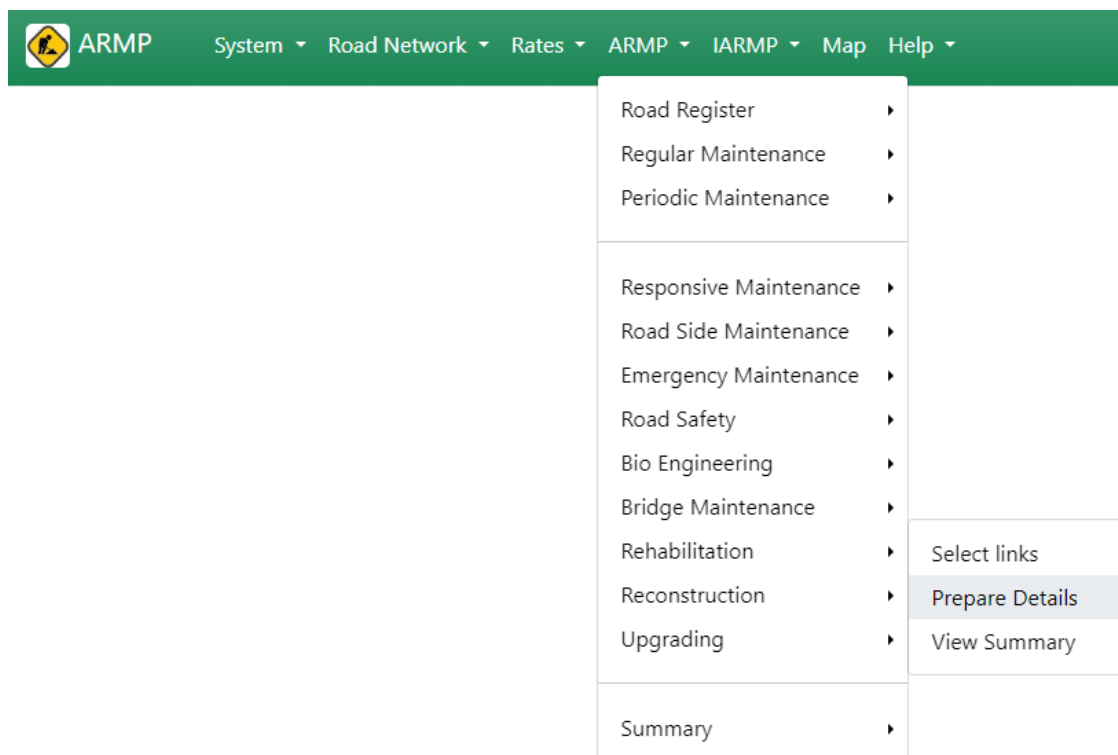
Work From:

Work To:

Close
Save

Clicking 'Delete' removes the road from the list of roads selected for the particular maintenance. (Admin and editor only)

5.8.2 Prepare Details



Under each of the selected links and the work description, details should be prepared. Standard items will be available and quantities should be provided. The total cost is automatically computed.

Rehabilitation: Prepare Details

Baglung

F04206:Baglung-Myagdi district border

Test

Load

Work From: 0 To: 3

Activity No.	Description of Work	Unit	Quantity	Rate	Amount	Action
RH-001	Rehab-Road Surface/AC	sqm	1	2,639.70	2,639.70	Edit Delete
Sub-Total					2,639.70	
Contingencies 4%					105.59	
Total with Contingencies					2,745.29	
VAT 13%					356.89	
Total (With VAT and Contingencies)					3,102.18	

Add Activity

Clicking the 'Add Activity' or 'Edit' button opens a pop-up modal where the description of the specific activity can be added or changed. (Admin and editor only)

Add Rehabilitation Works: Detail ✕

Activity No:

Work Description:

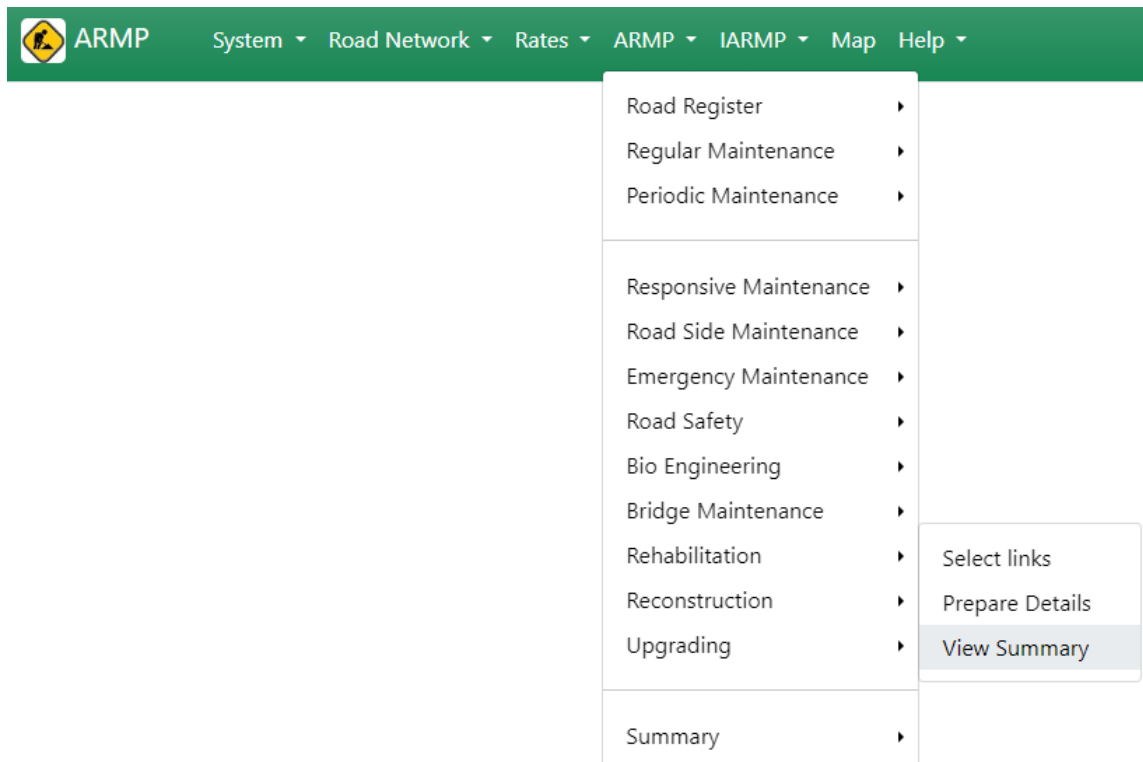
Unit:

Quantity:

Rate:

Amount:

5.8.3 View Summary

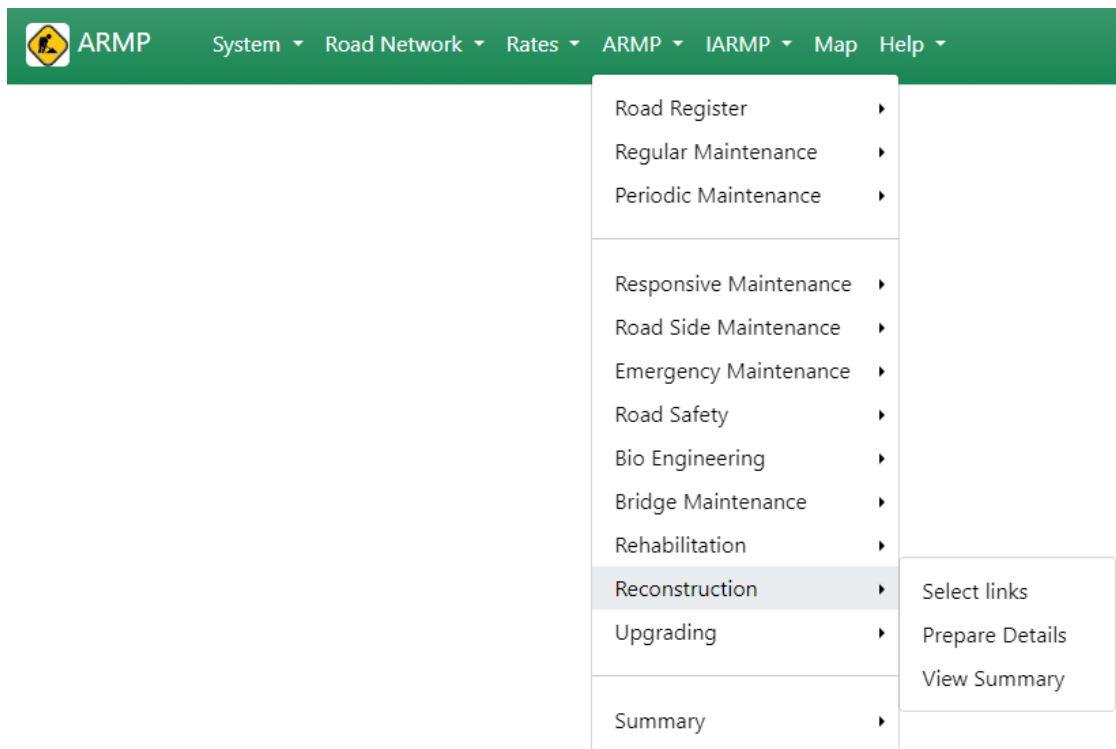


Provides a summary of the rehabilitation works. Click 'Download Excel' to export the data to Excel.

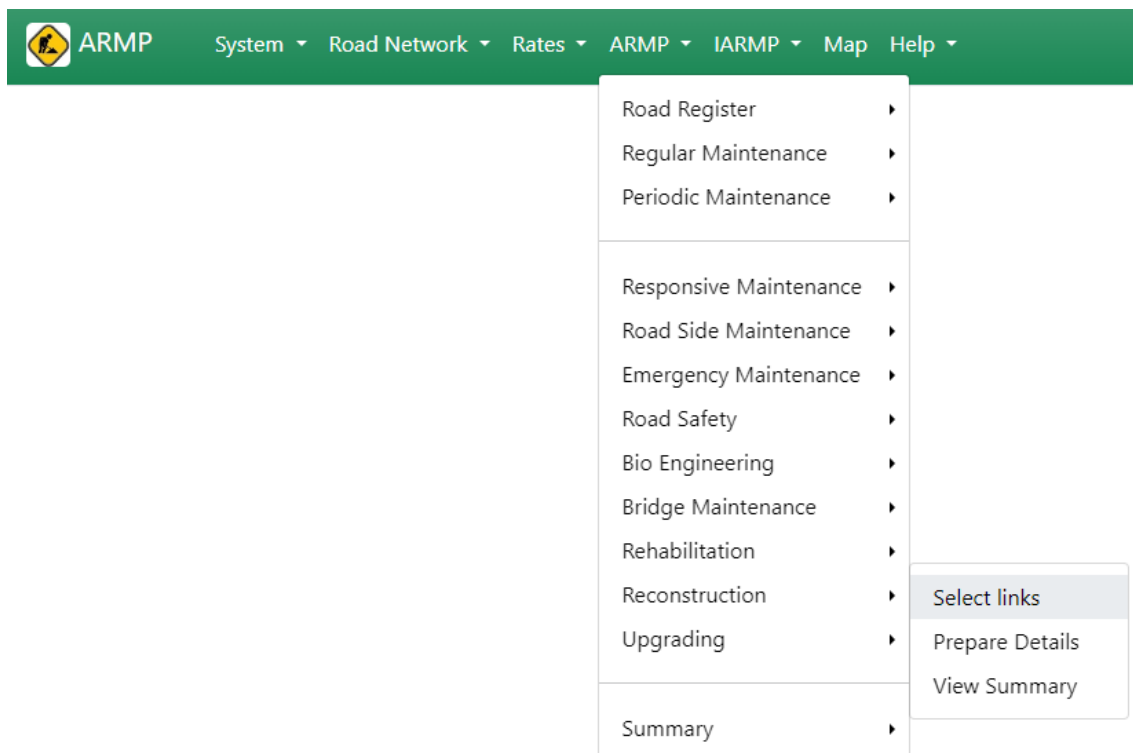
Baglung Summary of Rehabilitation Works Year: 2024

Road Code	Road Name	From	To	Length	Work Description	Work From	Work To	Work Length	Total Cost (NRs)
F04206	Baglung-Myagdi district border	0.00	5.80	5.80	Test	0.00	3.00	3.00	3,102.18
Total								3.00	3,102.18

5.9 Reconstruction



5.9.1 Select Links



Links requiring reconstruction should be selected using this tool. The work description should be provided and should not be repeated for the same link. The length of the section should also be provided.

Baglung ▾
Load
Reconstruction: Select Road
Year: 2024

SRN Links						Roads for Reconstruction Works						
Road Code	Road Name	From	To	Length	Action	Road Code	Road Name	Job Name	From	To	Length	Action
F04206	Baglung-Myagdi district border	0.00	5.80	5.80	Select	F04206	Baglung-Myagdi district border	Test	0.00	3.00	3.00	Edit Delete
F04207	Myagdi district border-Beni	5.80	15.80	10.00	Select							
F16601	Kagbeni-Muktinath	0.00	11.00	11.00	Select							
NH03-049	Kaligandaki bridge - Baglung	969.63	974.34	4.71	Select							
NH03-050	Baglung - Upallachaur	974.34	975.96	1.62	Select							
NH03-051	Upallachaur - Hatya	975.96	1020.96	45.00	Select							
NH03-052	Hatya - Kharbang	1020.96	1041.96	21.00	Select							
NH03-053	Kharbang - Burtibang	1041.96	1063.96	22.00	Select							
NH03-054	Burtibang - Devisthan	1063.96	1068.96	5.00	Select							
NH03-055	Devisthan - Nissi	1068.96	1083.96	15.00	Select							
NH03-056	Nisi - Parthaina (DB)	1083.96	1105.96	22.00	Select							
NH48-006	Palung Khola - Maldhunga	83.43	121.43	38.00	Select							
NH48-008	Beni - Pairothapla	134.43	168.43	34.00	Select							

Clicking the 'Select' or 'Edit' button opens a pop-up modal where the description of the selected road for the particular type of maintenance (i.e. Work description, Work from, and Work to) can be added or changed. (Admin and editor only)

Edit Roads for BReconstruction Works ✕

Road Code:

Name of Road:

CH From 0 To 5.8

Work Desc:

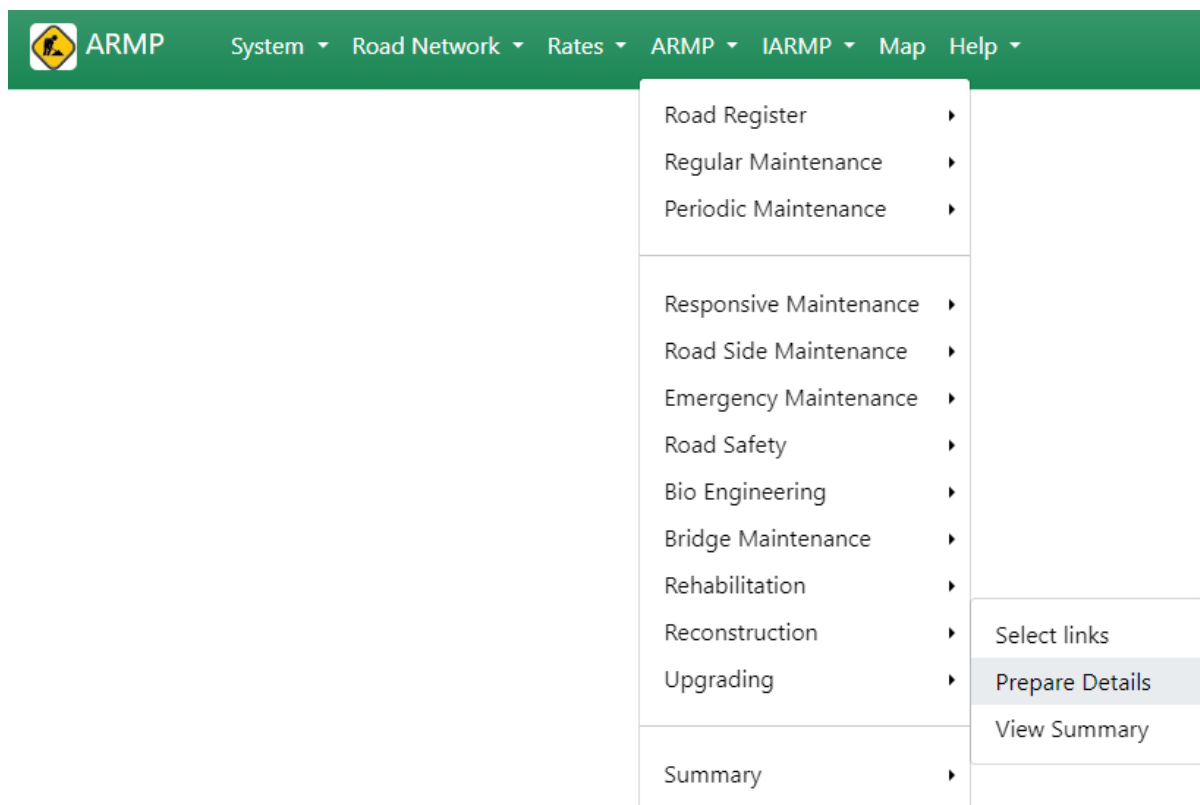
Work From:

Work To:

Close
Edit

Clicking 'Delete' removes the road from the list of roads selected for the particular maintenance. (Admin and editor only)

5.9.2 Prepare Details



Under each of the selected links and the work description, details should be prepared. Standard items will be available and quantities should be provided. The total cost is automatically computed.

Reconstruction: Prepare Details

Work From: 0 To: 3

Activity No.	Description of Work	Unit	Quantity	Rate	Amount	Action
RC-002	Recons-Road Surface/SD/Premix	sqm	1	1,863.75	1,863.75	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
Sub-Total					1,863.75	
Contingencies 4%					74.55	
Total with Contingencies					1,938.30	
VAT 13%					251.98	
Total (With VAT and Contingencies)					2,190.28	

Clicking the 'Add Activity' or 'Edit' button opens a pop-up modal where the description of the specific activity can be added or changed. (Admin and editor only)

Add Reconstruction Works: Detail ✕

Activity No:

Work Description:

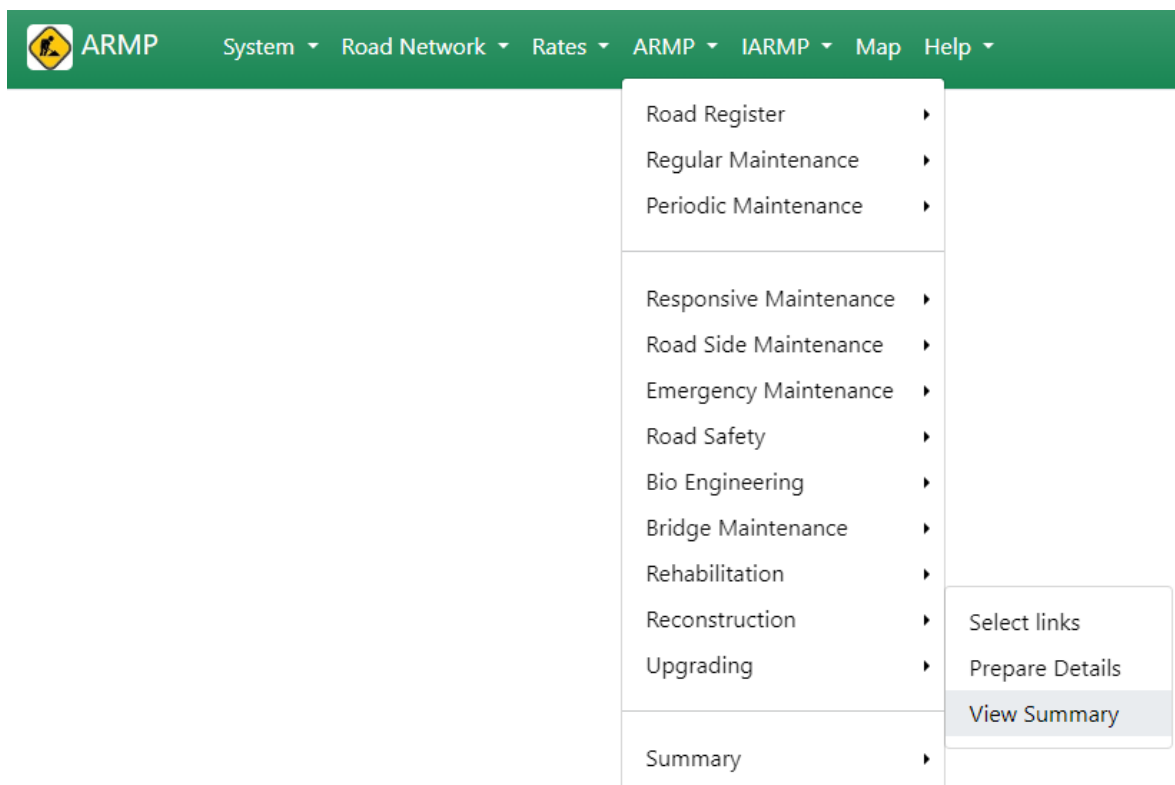
Unit:

Quantity:

Rate:

Amount:

5.9.3 View Summary



Provides a summary of the reconstruction works. Click 'Download Excel' to export the data to Excel.

Baglung

Load

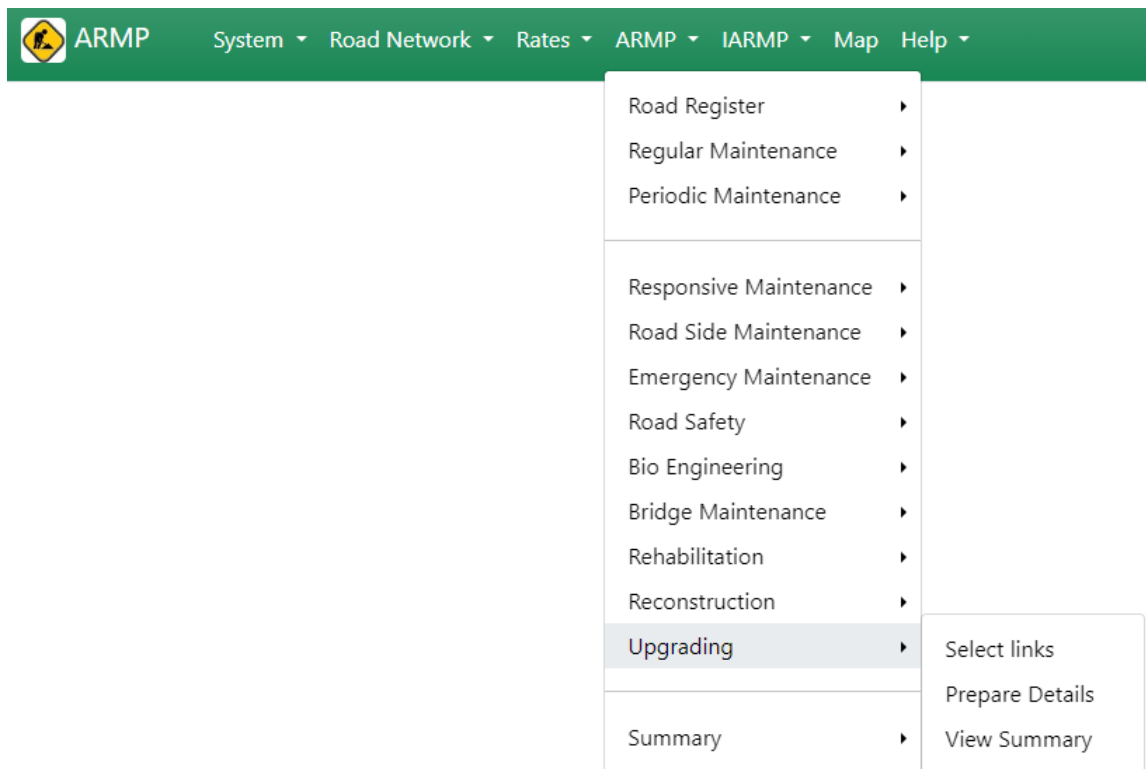
Summary of Reconstruction Works

Year: 2024

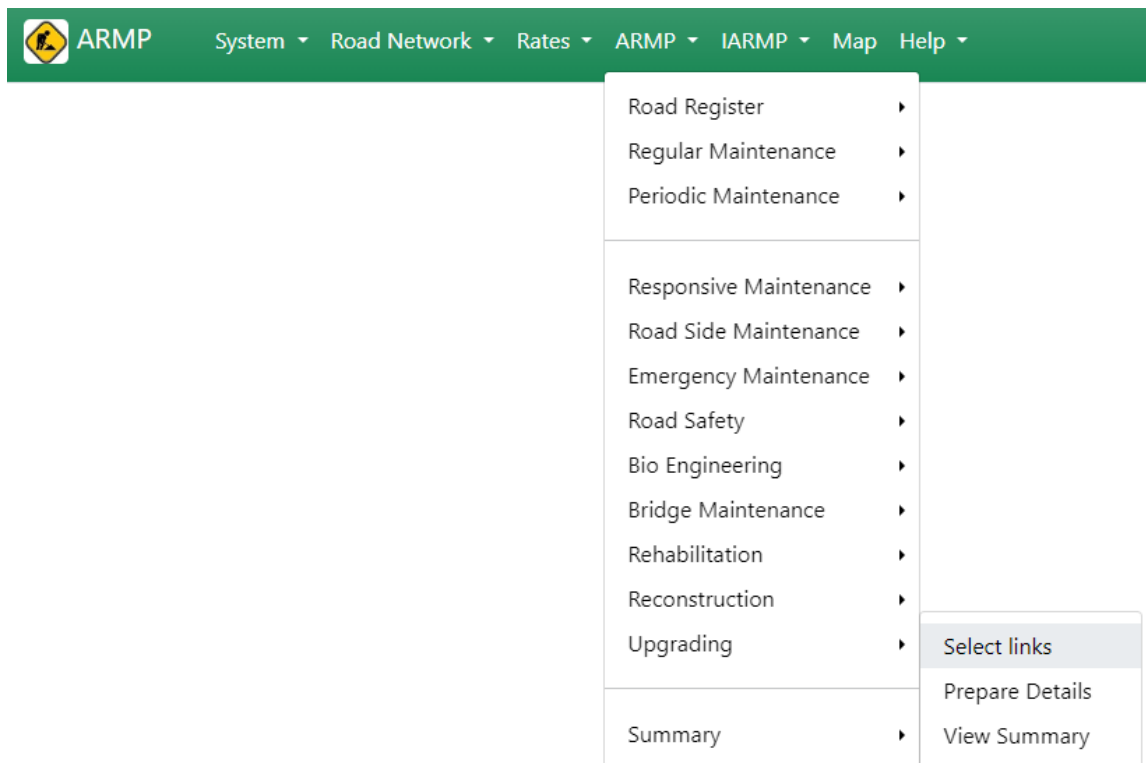
Download Excel

Road Code	Road Name	From	To	Length	Work Description	Work From	Work To	Work Length	Total Cost (NRs)
F04206	Baglung-Myagdi district border	0.00	5.80	5.80	Test	0.00	3.00	3.00	2,190.28
Total								3.00	2,190.28

5.10 Upgrading



5.10.1 Select Links



Links requiring upgrading should be selected using this tool. The work description should be provided and should not be repeated for the same link. The length of the section should also be provided.

Baglung ▾
Load
Upgrading: Select Road
Year: 2024

SRN Links							Roads for Upgrading Works							
Road Code	Road Name	From	To	Length	Action		Road Code	Road Name	Job Name	From	To	Length	Action	
F04206	Baglung-Myagdi district border	0.00	5.80	5.80	[Select]		F04206	Baglung-Myagdi district border	Test	2.00	5.00	3.00	[Edit]	[Delete]
F04207	Myagdi district border-Beni	5.80	15.80	10.00	[Select]		F04207	Myagdi district border-Beni	Test	6.00	10.00	4.00	[Edit]	[Delete]
F16601	Kagbeni-Muktinath	0.00	11.00	11.00	[Select]		NH48-008	Beni - Pairothapla	Test	135.00	140.00	5.00	[Edit]	[Delete]
NH03-049	Kaligandaki bridge - Baglung	969.63	974.34	4.71	[Select]									
NH03-050	Baglung - Upallachaur	974.34	975.96	1.62	[Select]									
NH03-051	Upallachaur - Hatiya	975.96	1020.96	45.00	[Select]									
NH03-052	Hatiya - Kharbang	1020.96	1041.96	21.00	[Select]									
NH03-053	Kharbang - Burtibang	1041.96	1063.96	22.00	[Select]									
NH03-054	Burtibang - Devasthan	1063.96	1068.96	5.00	[Select]									
NH03-055	Devasthan - Nissi	1068.96	1083.96	15.00	[Select]									
NH03-056	Nisi - Parthaina (DB)	1083.96	1105.96	22.00	[Select]									
NH48-006	Palung Khola - Maldhunga	83.43	121.43	38.00	[Select]									
NH48-008	Beni - Pairothapla	134.43	168.43	34.00	[Select]									

Clicking the 'Select' or 'Edit' button opens a pop-up modal where the description of the selected road for the particular type of maintenance (i.e. Work description, Work from, and Work to) can be added or changed. (Admin and editor only)

Select Roads for Upgrading Works

✕

Road Code:

Name of Road:

CH From 0 To 5.8

Work Desc:

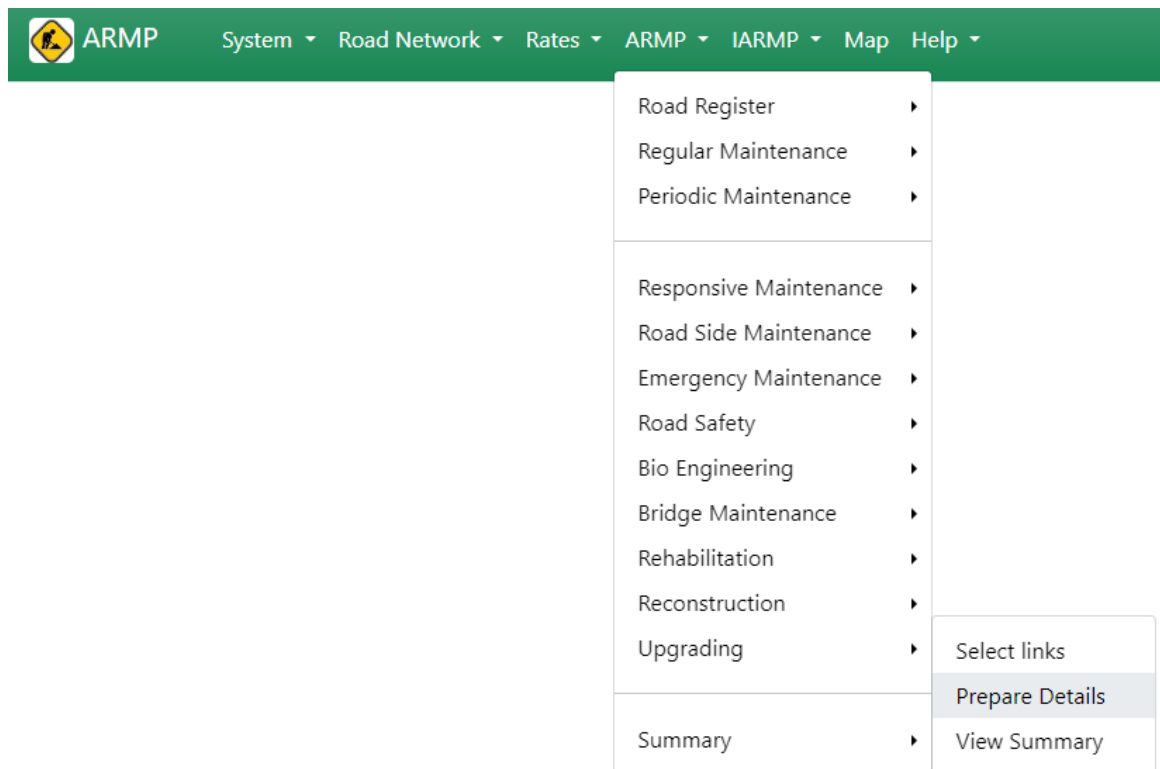
Work From:

Work To:

Close
Save

Clicking 'Delete' removes the road from the list of roads selected for the particular maintenance. (Admin and editor only)

5.10.2 Prepare Details



Under each of the selected links and the work description, details should be prepared. Standard items will be available and quantities should be provided. The total cost is automatically computed.

Upgrading: Prepare Details

Baglung

F04206:Baglung-Myagdi district border

Test

Load

Work From: 2 To: 5

Activity No.	Description of Work	Unit	Quantity	Rate	Amount	Action

Add Activity

Clicking the 'Add Activity' or 'Edit' button opens a pop-up modal where the description of the specific activity can be added or changed. (Admin and editor only)

Add Upgrading Works: Detail ✕

Activity No:

Work Description:

Unit:

Quantity:

Rate:

Amount:

5.10.3 View Summary

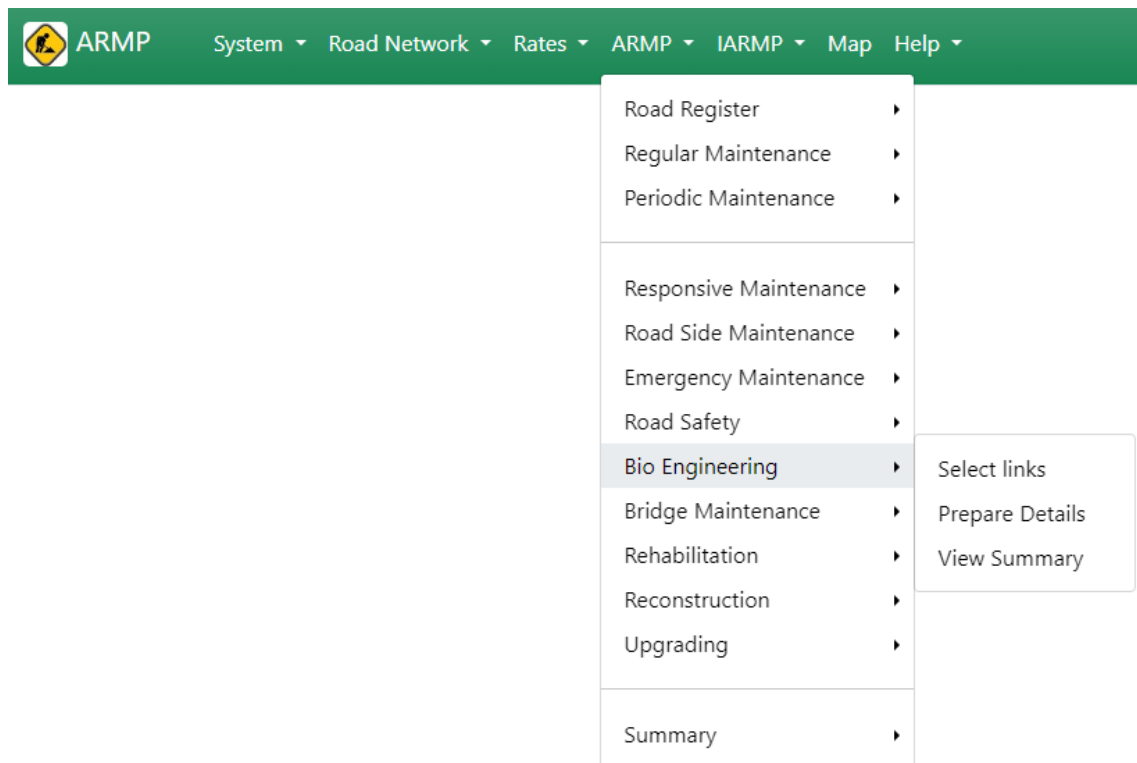
The screenshot shows the ARMP software interface. At the top is a green navigation bar with the ARMP logo and menu items: System, Road Network, Rates, ARMP, IARMP, Map, and Help. A dropdown menu is open under the 'ARMP' menu item, listing various activity categories: Road Register, Regular Maintenance, Periodic Maintenance, Responsive Maintenance, Road Side Maintenance, Emergency Maintenance, Road Safety, Bio Engineering, Bridge Maintenance, Rehabilitation, Reconstruction, Upgrading, and Summary. The 'Summary' item has a sub-menu open, containing 'Select links', 'Prepare Details', and 'View Summary', with 'View Summary' highlighted.

Provides a summary of the reconstruction works. Click 'Download Excel' to export the data to Excel.

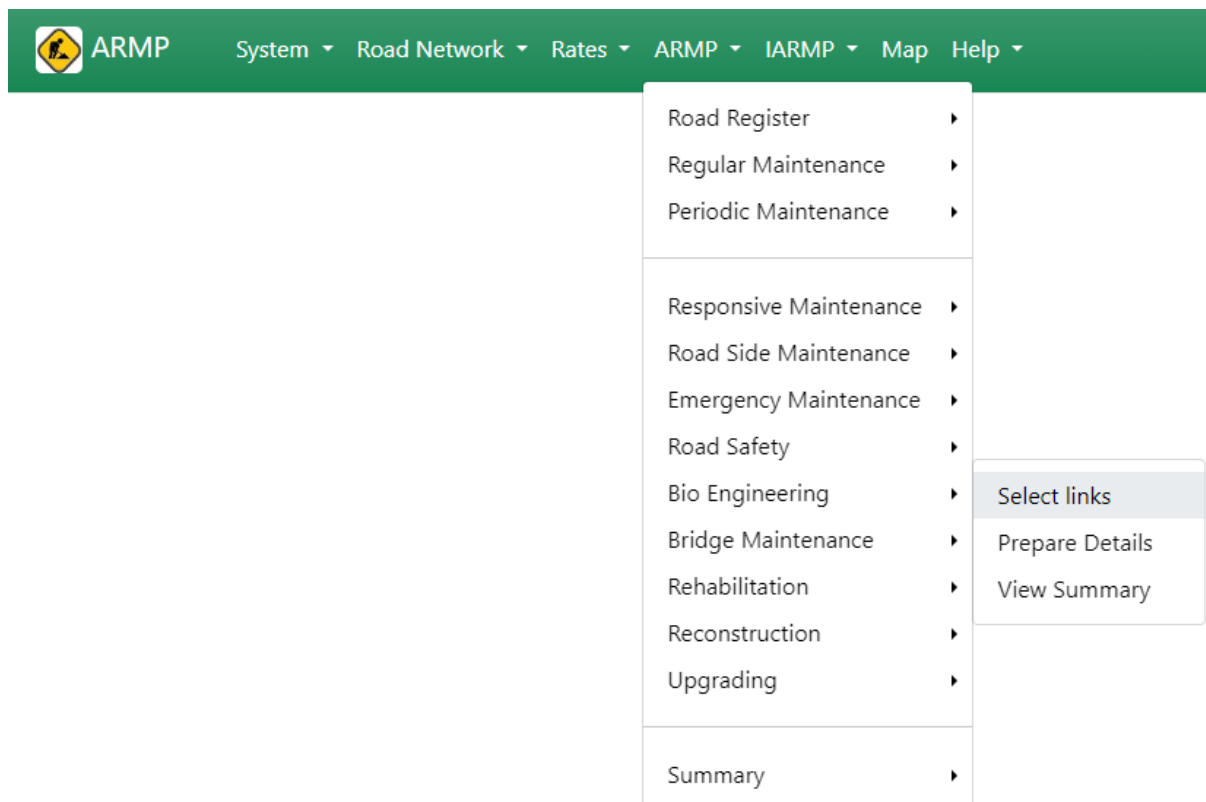
Baglung **Summary of Upgrading Works** Year: 2024

Road Code	Road Name	From	To	Length	Work Description	Work From	Work To	Work Length	Total Cost (NRs)
F04206	Baglung-Myagdi district border	0.00	5.80	5.80	Test	2.00	5.00	3.00	0.00
F04207	Myagdi district border-Beni	5.80	15.80	10.00	Test	6.00	10.00	4.00	0.00
NH48-008	Beni - Pairothapla	134.43	168.43	34.00	Test	135.00	140.00	5.00	0.00
Total								12.00	0.00

5.11 Bio Engineering



5.11.1 Select Links



Links requiring upgrading should be selected using this tool. The work description should be provided and should not be repeated for the same link. The length of the section should also be provided.

Load

Bio Engineering: Select Road

Year: 2024

SRN Links						Roads for Bio Engineering Works						
Road Code	Road Name	From	To	Length	Action	Road Code	Road Name	Job Name	From	To	Length	Action
F04206	Baglung-Myagdi district border	0.00	5.80	5.80	Select	F04206	Baglung-Myagdi district border	Test	4.00	5.80	1.80	Edit Delete
F04207	Myagdi district border-Beni	5.80	15.80	10.00	Select							
F16601	Kagbeni-Muktinath	0.00	11.00	11.00	Select							
NH03-049	Kaligandaki bridge - Baglung	969.63	974.34	4.71	Select							
NH03-050	Baglung - Upallachaur	974.34	975.96	1.62	Select							
NH03-051	Upallachaur - Hatiya	975.96	1020.96	45.00	Select							
NH03-052	Hatiya - Kharbang	1020.96	1041.96	21.00	Select							
NH03-053	Kharbang - Burtibang	1041.96	1063.96	22.00	Select							
NH03-054	Burtibang - Devisthan	1063.96	1068.96	5.00	Select							
NH03-055	Devisthan - Nissi	1068.96	1083.96	15.00	Select							
NH03-056	Nisi - Parthaina (DB)	1083.96	1105.96	22.00	Select							
NH48-006	Palung Khola - Maldhunga	83.43	121.43	38.00	Select							
NH48-008	Beni - Pairothapla	134.43	168.43	34.00	Select							

Clicking the 'Select' or 'Edit' button opens a pop-up modal where the description of the selected road for the particular type of maintenance (i.e. Work description, Work from, and Work to) can be added or changed. (Admin and editor only)

Edit Roads for Bio Engineering Works

✕

Road Code:

Name of Road:

CH From 0 To 5.8

Work Desc:

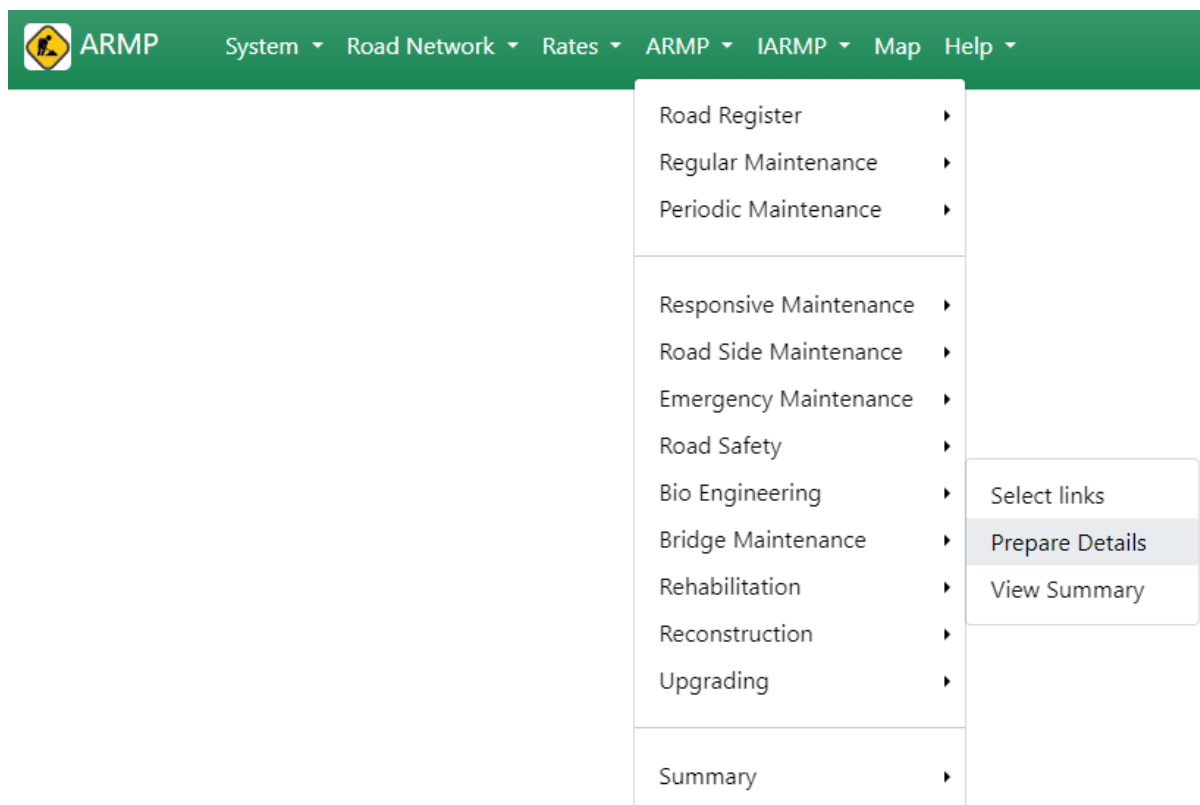
Work From:

Work To:

Close
Edit

Clicking 'Delete' removes the road from the list of roads selected for the particular maintenance. (Admin and editor only)

5.11.2 Prepare Details



Under each of the selected links and the work description, details should be prepared. Standard items will be available and quantities should be provided. The total cost is automatically computed.

Bio Engineering: Prepare Details

Baglung

F04206:Baglung-Myagdi district border

Test

Load

Work From: 4 To: 5.8

Activity No.	Description of Work	Unit	Quantity	Rate	Amount	Action
RM-001	Bio Engineering Works	sqm	1	472.50	472.50	Edit Delete
Sub-Total					472.50	
Contingencies 4%					18.90	
Total with Contingencies					491.40	
VAT 13%					63.88	
Total (With VAT and Contingencies)					555.28	

Add Activity

Clicking the 'Add Activity' or 'Edit' button opens a pop-up modal where the description of the specific activity can be added or changed. (Admin and editor only)

Add Bio Engineering Works: Detail ✕

Activity No:
RM-001:Bio Engineering Works ▼

Work Description:
Bio Engineering Works

Unit:
sqm

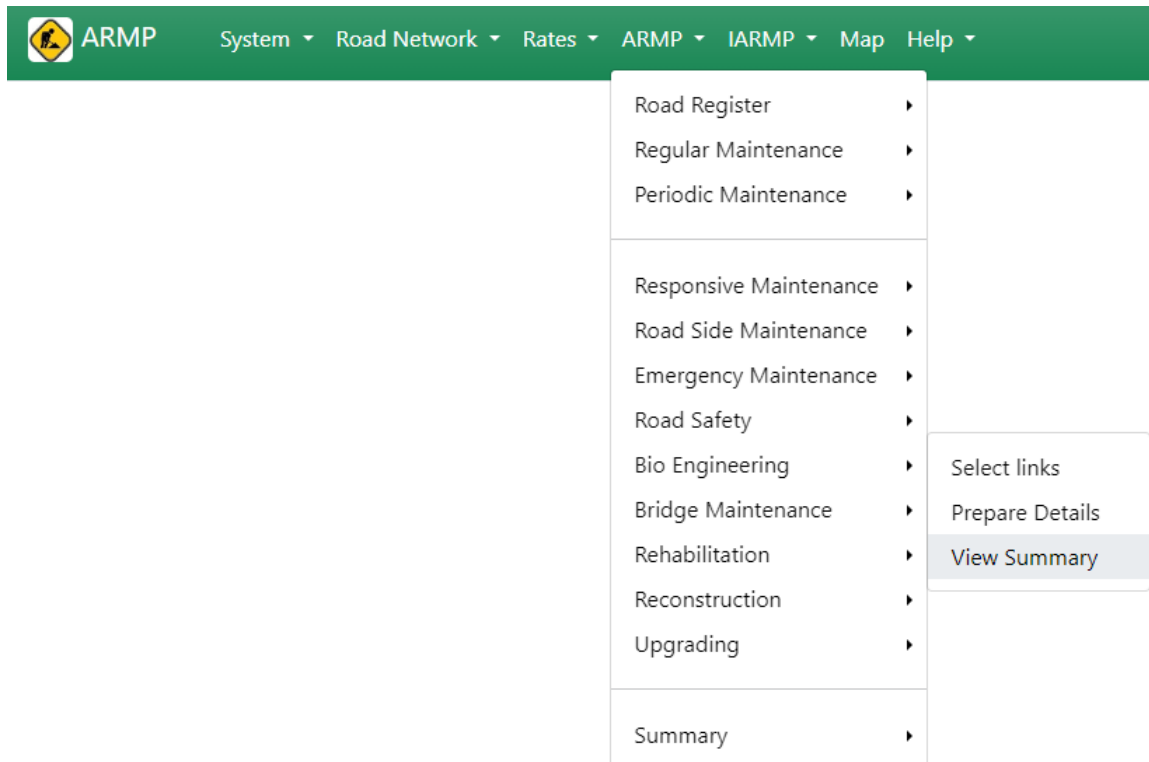
Quantity:

Rate:
472.5

Amount:
0.00

Close Add

5.11.3 View Summary



Provides the summary of the Bio-Engineering works. Click 'Download Excel' to export the data to Excel.

Baglung

Load

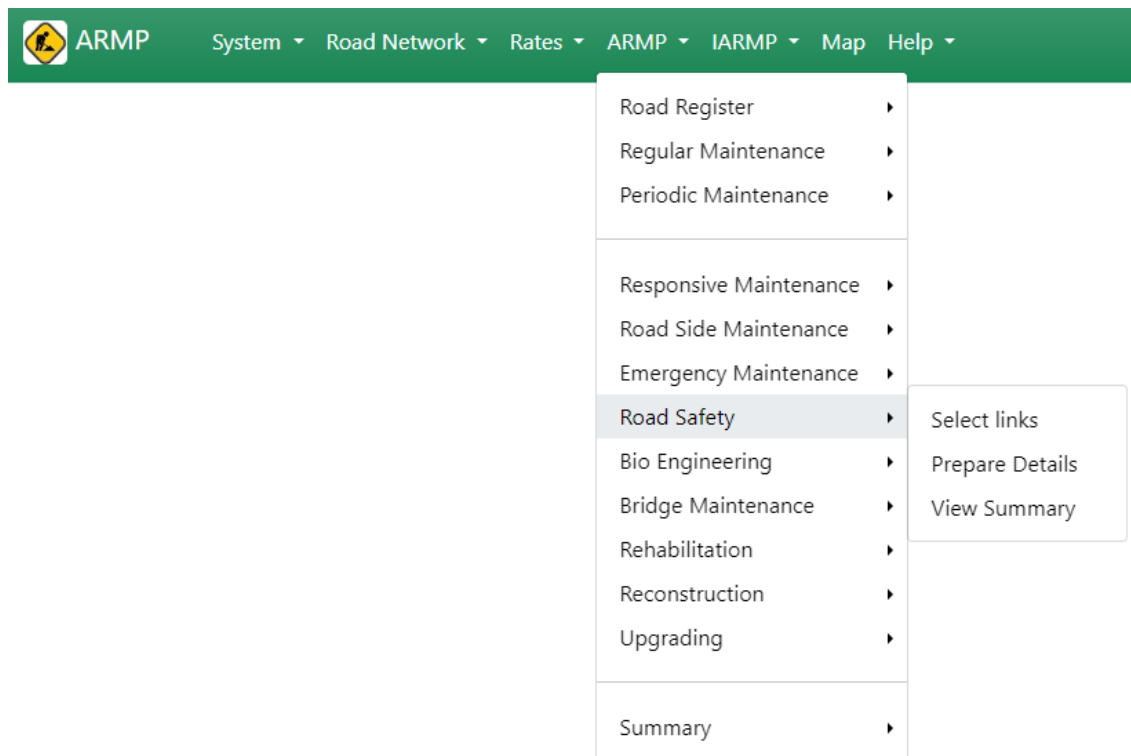
Summary of Bio Engineering Works

Year: 2024

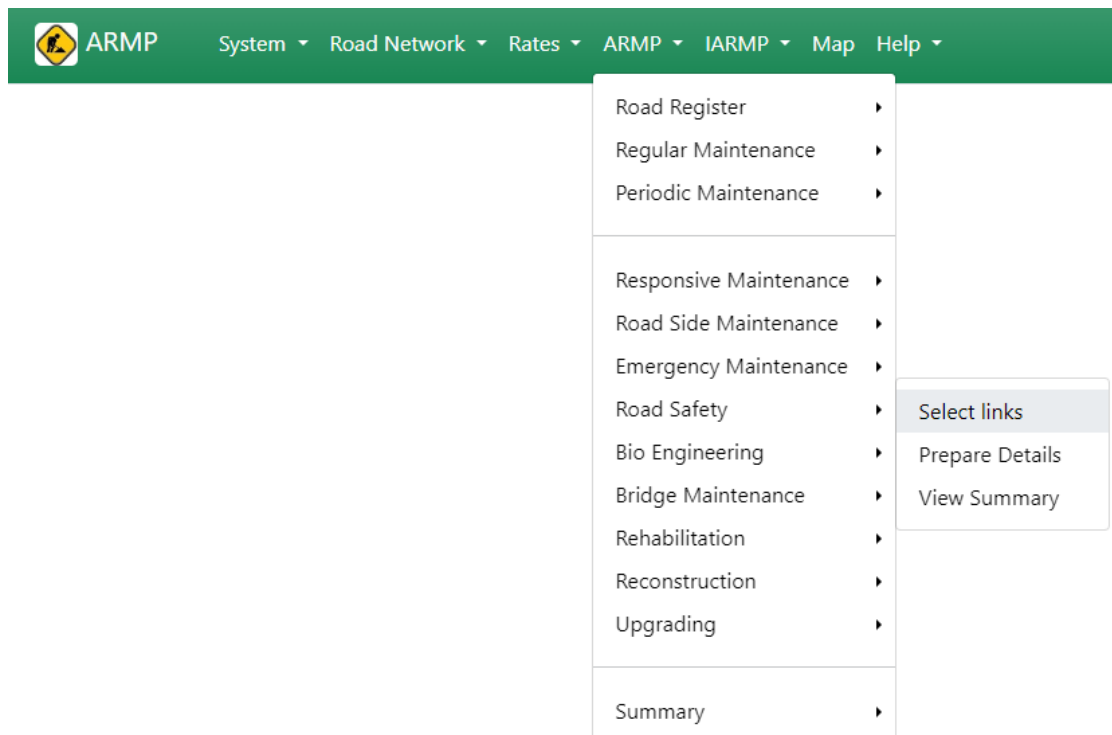
Download Excel

Road Code	Road Name	From	To	Length	Work Description	Work From	Work To	Work Length	Total Cost (NRs)
F04206	Baglung-Myagdi district border	0.00	5.80	5.80	Test	4.00	5.80	1.80	555.28
Total								1.80	555.28

5.12 Road Safety



5.12.1 Select Links



Links requiring upgrading should be selected using this tool. The work description should be provided and should not be repeated for the same link. The length of the section should also be provided.

Baglung

Load

Road Safety: Select Road

Year: 2024

SRN Links						
Road Code	Road Name	From	To	Length	Action	
F04206	Baglung-Myagdi district border	0.00	5.80	5.80	Select	
F04207	Myagdi district border-Beni	5.80	15.80	10.00	Select	
F16601	Kagbeni-Muktinath	0.00	11.00	11.00	Select	
NH03-049	Kaligandaki bridge - Baglung	969.63	974.34	4.71	Select	
NH03-050	Baglung - Upallachaur	974.34	975.96	1.62	Select	
NH03-051	Upallachaur - Hathiya	975.96	1020.96	45.00	Select	
NH03-052	Hathiya - Kharbang	1020.96	1041.96	21.00	Select	
NH03-053	Kharbang - Burtibang	1041.96	1063.96	22.00	Select	
NH03-054	Burtibang - Devisthan	1063.96	1068.96	5.00	Select	
NH03-055	Devisthan - Nissi	1068.96	1083.96	15.00	Select	
NH03-056	Nisi - Parthalna (DB)	1083.96	1105.96	22.00	Select	
NH48-006	Palung Khola - Maldhunga	83.43	121.43	38.00	Select	
NH48-008	Beni - Pairothapla	134.43	168.43	34.00	Select	

Roads for Road Safety Works						
Road Code	Road Name	Job Name	From	To	Length	Action
F04206	Baglung-Myagdi district border	Test	0.00	1.00	1.00	Edit Delete

Clicking the 'Select' or 'Edit' button opens a pop-up modal where the description of the selected road for the particular type of maintenance (i.e. Work description, Work from, and Work to) can be added or changed. (Admin and editor only)

Edit Roads for Road Safety Works
✕

Road Code:

Name of Road:

CH From 0 To 5.8

Work Desc:

Work From:

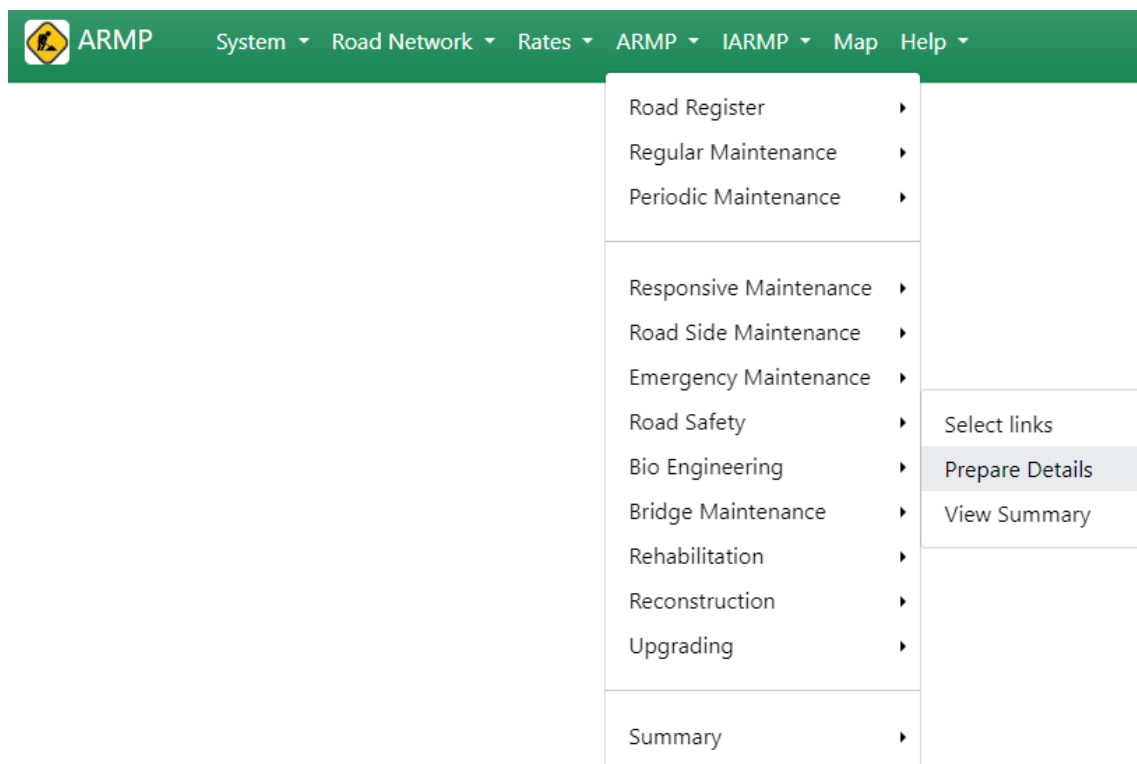
Work To:

Close

Edit

Clicking 'Delete' removes the road from the list of roads selected for the particular maintenance. (Admin and editor only)

5.12.2 Prepare Details



Under each of the selected links and the work description, details should be prepared. Standard items will be available and quantities should be provided. The total cost is automatically computed.

Road Safety: Prepare Details

Work From: 0 To: 1

Activity No.	Description of Work	Unit	Quantity	Rate	Amount	Action
RM-001	Bio Engineering Works	sqm	1	472.50	472.50	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
Sub-Total					472.50	
Contingencies 4%					18.90	
Total with Contingencies					491.40	
VAT 13%					63.88	
Total (With VAT and Contingencies)					555.28	

Clicking the 'Add Activity' or 'Edit' button opens a pop-up modal where the description of the specific activity can be added or changed. (Admin and editor only)

Add Road Safety Works: Detail ✕

Activity No:

Work Description:

Unit:

Quantity:

Rate:

Amount:

5.12.3 View Summary

The screenshot shows the ARMP software interface. At the top is a green navigation bar with the ARMP logo and several menu items: System, Road Network, Rates, ARMP, IARMP, Map, and Help. A dropdown menu is open under the 'ARMP' menu item, listing various road maintenance categories: Road Register, Regular Maintenance, Periodic Maintenance, Responsive Maintenance, Road Side Maintenance, Emergency Maintenance, Road Safety, Bio Engineering, Bridge Maintenance, Rehabilitation, Reconstruction, Upgrading, and Summary. A secondary dropdown menu is open under 'Bio Engineering', with 'View Summary' highlighted. Other options in this secondary menu are 'Select links' and 'Prepare Details'.

Provides the summary of the Road Safety works. Click 'Download Excel' to export the data to Excel.

Baglung

Load

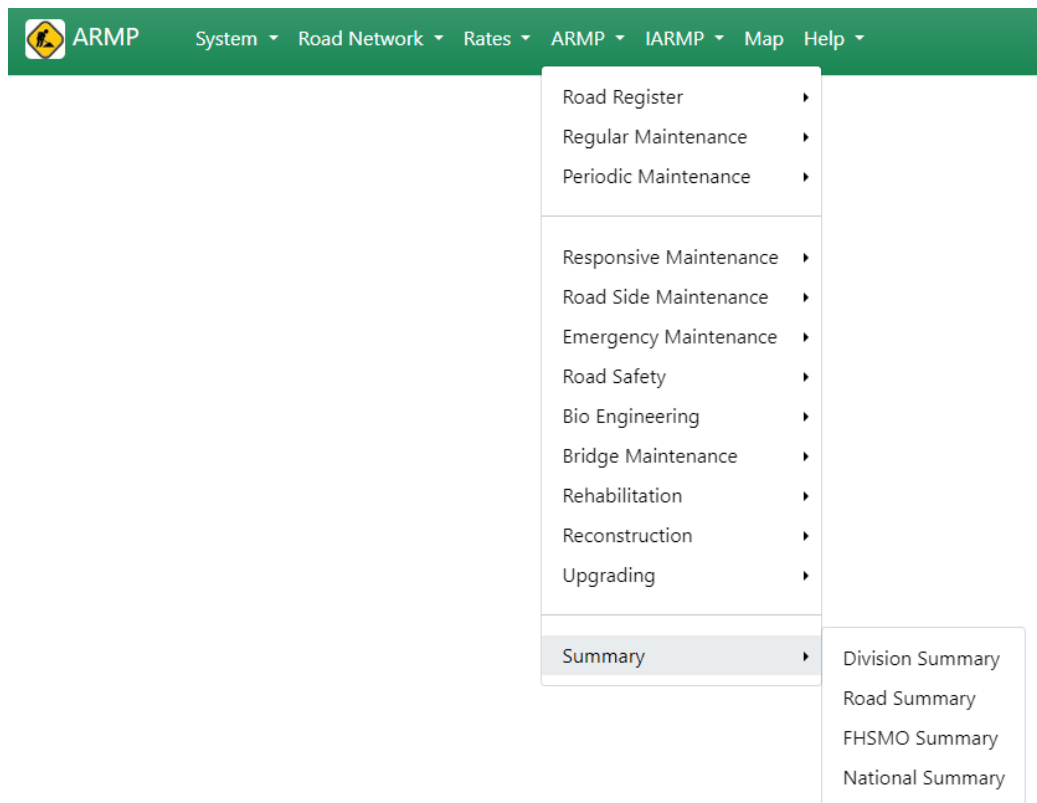
Summary of Road Safety Works

Year: 2024

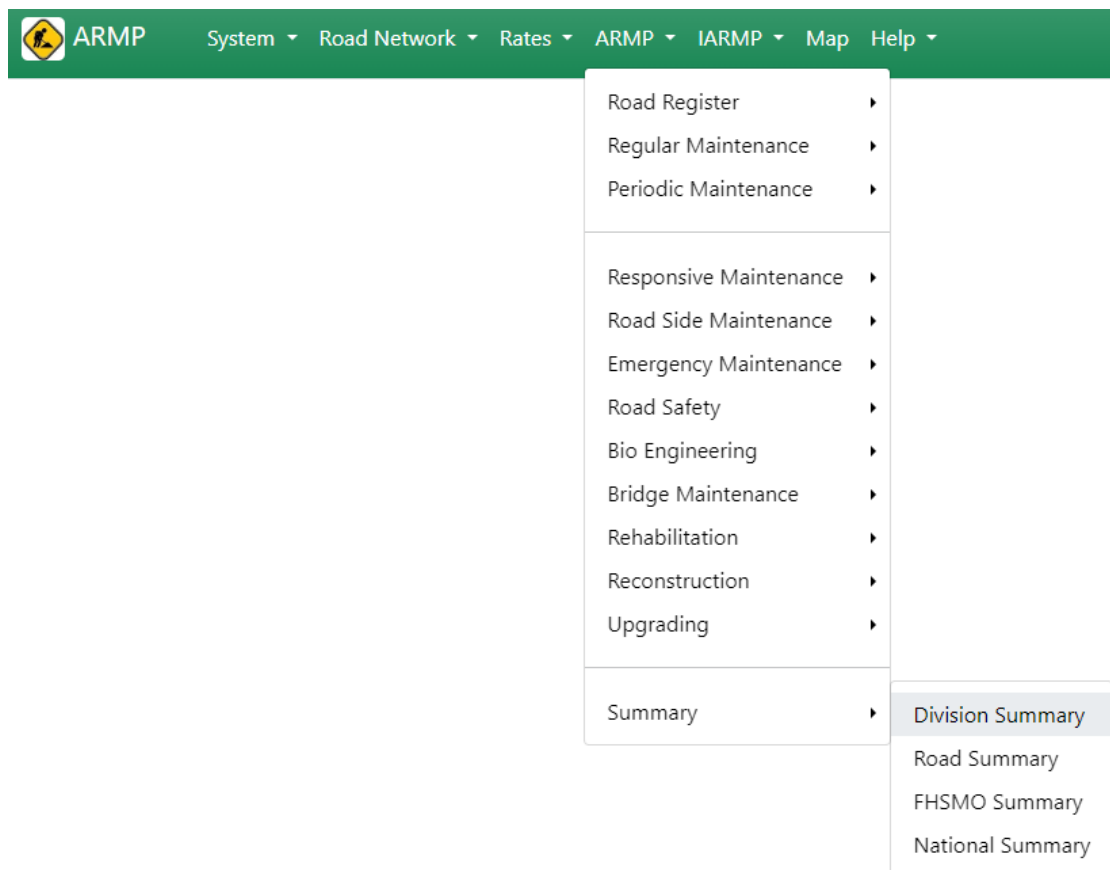
Download Excel

Road Code	Road Name	From	To	Length	Work Description	Work From	Work To	Work Length	Total Cost (NRs)
F04206	Baglung-Myagdi district border	0.00	5.80	5.80	Test	0.00	1.00	1.00	555.28
Total								1.00	555.28

5.13 Summary Sub Menu



5.13.1 Division Summary



Baglung
[Load](#)
Division Summary
Year: 2024
[Download Excel](#)

SN	Link Code	Link Name	From	To	Total Length	Routine Maintenance		Reactive Maintenance		Cost
						Length (Km)	Cost (NRs '000)	Length (Km)	Cost (NRs '000)	
1	F04206	Baglung-Myagdi district border	0.00	5.80	5.80	0.00	0.00	0.00	0.00	
2	F04207	Myagdi district border-Beni	5.80	15.80	10.00	10.00	1,649.79	1.50	316.17	
3	F16601	Kagbeni-Muktinath	0.00	11.00	11.00	11.00	1,814.77	0.00	0.00	
4	NH03-049	Kailigandaki bridge - Baglung	969.63	974.34	4.71	4.71	777.05	0.00	0.00	
5	NH03-050	Baglung - Upalachaur	974.34	975.96	1.62	1.62	267.27	0.00	0.00	
6	NH03-051	Upalachaur - Hatya	975.96	1,020.96	45.00	45.00	7,424.05	0.00	0.00	
7	NH03-052	Hatya - Kharbang	1,020.96	1,041.96	21.00	21.00	3,464.56	0.00	0.00	
8	NH03-053	Kharbang - Burtibang	1,041.96	1,063.96	22.00	22.00	3,629.53	0.00	0.00	
9	NH03-054	Burtibang - Devisthan	1,063.96	1,068.96	5.00	5.00	824.89	0.00	0.00	
10	NH03-055	Devisthan - Nissi	1,068.96	1,083.96	15.00	15.00	2,474.68	0.00	0.00	
11	NH03-056	Nisi - Parthaina (DB)	1,083.96	1,105.96	22.00	22.00	3,629.53	0.00	0.00	
12	NH48-006	Palung Khola - Maldhunga	83.43	121.43	38.00	38.00	0.00	0.00	0.00	
13	NH48-008	Beni - Pairothapla	134.43	168.43	34.00	34.00	0.00	0.00	0.00	
14	NH48-009	Pairothapla - Jomsom	168.43	214.43	46.00	46.00	0.00	0.00	0.00	
15	NH48-010	Jomsom - Ghoktang	214.43	336.43	122.00	122.00	0.00	0.00	0.00	
16	NH52-010	Darling (DB) - Devisthan	163.54	188.54	25.00	25.00	0.00	0.00	0.00	
17	NH52-011	Devisthan - Dhorpatan	188.54	215.54	27.00	27.00	0.00	0.00	0.00	
Total					455.13	449.33	25,956.12	1.50	316.17	

— ● — 100%

Click 'Download Excel' to export the data to Excel.

5.13.3 Road Summary

NH73 **Road Summary** Year: 2024

SN	Link Code	Link Name	From	To	Total Length	Routine Maintenance		Reactive Maintenance		Cost
						Length (Km)	Cost (NRs '000)	Length (Km)	Cost (NRs '000)	
1	NH73-001	Surunga - Jhapa Bazar	0.00	20.91	20.91	0.00	0.00	0.00	0.00	
2	NH73-002	Jhapa Bazar -Lasunganj (IB)	20.91	25.00	4.09	0.00	0.00	0.00	0.00	
		Total			25.00	0.00	0.00	0.00	0.00	

Click 'Download Excel' to export the data to Excel.

5.13.4 FHSMO Summary

FHSMO-Itahari Load FHSMO Summary Year: 2024 Download Excel

A SN	B Division	C Total Length	D Routine Maintenance		E Reactive Maintenance		F Combined Maintenance		G Total Regular Maintenance Cost (NRs '000)	H Periodic	
			Length (Km)	Cost (NRs '000)	Length (Km)	Cost (NRs '000)	Length (Km)	Cost (NRs '000)		Length (Km)	Cost (NRs '000)
1	Biratnagar	541.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Damak	324.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Dhankuta	318.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Hariharpur	759.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Ilam	711.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Lahan	736.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Tumlingtar	395.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		3,786.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Click 'Download Excel' to export the data to Excel.

5.13.5 National Summary (For Admin Only)

The screenshot shows the ARMP software interface. At the top, there is a green navigation bar with the ARMP logo and several menu items: System, Road Network, Rates, ARMP, IARMP, Map, and Help. The 'Summary' menu item is expanded, showing a list of options: Road Register, Regular Maintenance, Periodic Maintenance, Responsive Maintenance, Road Side Maintenance, Emergency Maintenance, Road Safety, Bio Engineering, Bridge Maintenance, Rehabilitation, Reconstruction, and Upgrading. A sub-menu is open for 'Summary', listing 'Division Summary', 'Road Summary', 'FHSMO Summary', and 'National Summary'.

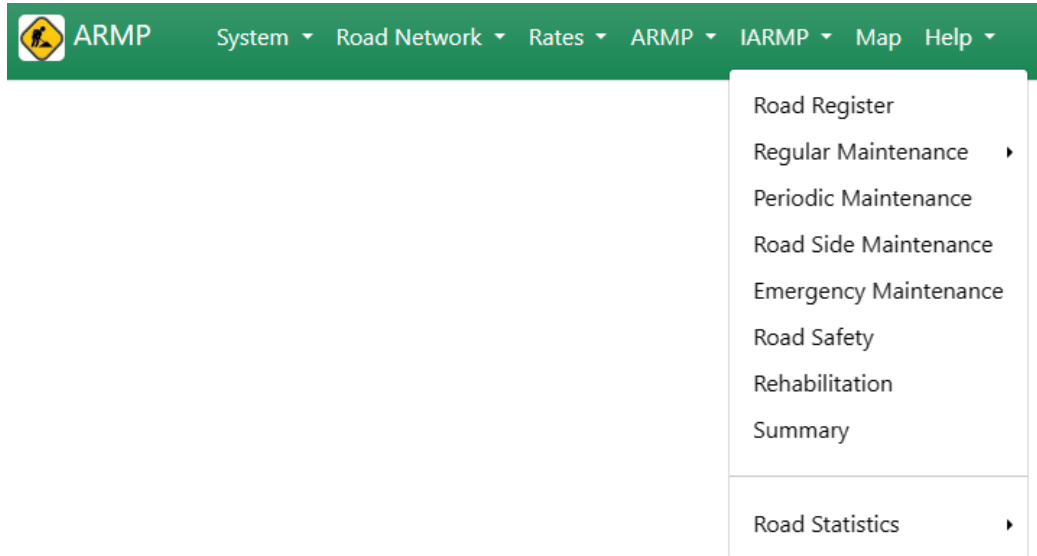
Load
National Summary
Year: 2024
Download Excel

A SN	B Division	C Total Length	D Routine Maintenance		E Reactive Maintenance		F Combined Maintenance		G Total Regular Maintenance Cost (NRs '000)	H Periodic	
			Length (Km)	Cost (NRs '000)	Length (Km)	Cost (NRs '000)	Length (Km)	Cost (NRs '000)		Length (Km)	Cost (NRs '000)
1	Baglung	455.13	449.33	25,956.12	1.50	316.17	2.50	1,151.55	27,423.84	4.90	11,606.07
2	Baitadi	844.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Bhaktapur	272.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Bharatpur	678.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Biratnagar	541.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Butwal	336.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Chandranigahapur	371.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	Charikot	504.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	Chaurjahari	711.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Damak	324.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Damauli	643.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	Dang	570.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Dhankuta	318.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	Doti	690.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	DSBP	183.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	Harkhapur	759.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Hetauda	772.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	Ilam	711.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	Janakpur	521.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	Kathmandu	472.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	Khalanga	758.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	Khurkot	393.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	Lahan	736.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	Lalitpur	204.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Click 'Download Excel' to export the data to Excel.

6. IARMP

The IARMP tool is intended for the Maintenance Branch and RBN. It provides details of all the works at the national level which can be used for summarizing the works, sorting by division, allocation works, etc. It works in the same principle as the ARMP tools but it provides data at the national level.



6.1 IARMP: Road Register (For Admin Only)

The Road Register tool in the IARMP provides a detailed listing of the roads by divisions for the entire country. These can be exported and used in the preparation of the IARMP report.

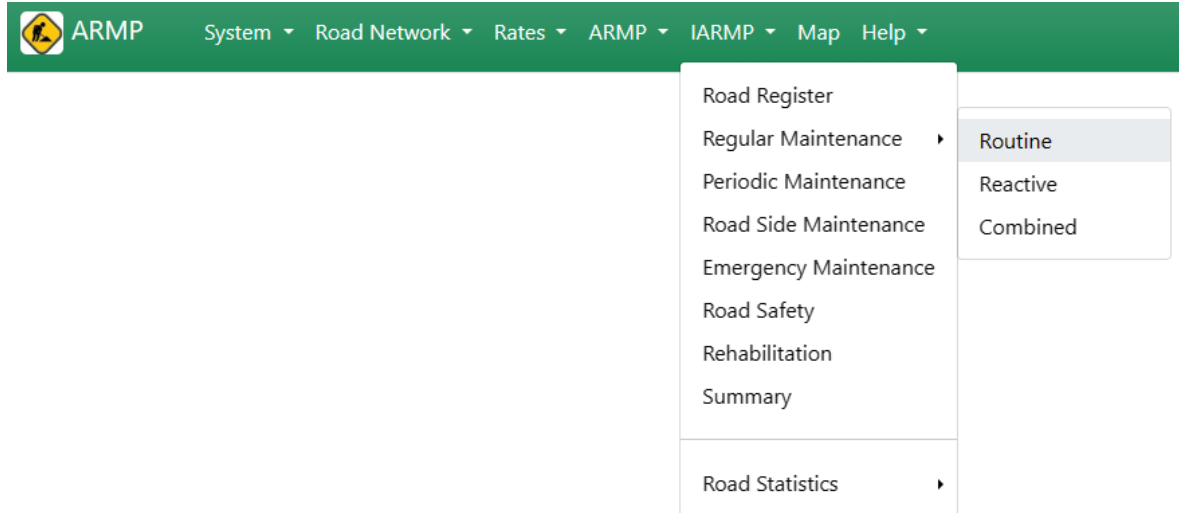
Load Integrated Road Register Year: 2024 Download Excel

A	B	C	D	E	F			G					I	J	K	L	M	N	O	P		Q
					From	To	Length	BT	GR	ER	UC	PL								Terrain	Link Section	
1	Baglung	F042	F04206	Baglung-Myagdi district border	0.00	5.80	5.80	5.80	0.00	0.00	0.00	0.00	0.00	0.00	H	F04206-A	0.00	3.3				
2	Baglung	F042	F04206	Baglung-Myagdi district border												F04206-B	3.38	5.8				
3	Baglung	F042	F04207	Myagdi district border-Beni	5.80	15.80	10.00	2.87	7.13	0.00	0.00	0.00	0.00	H	F04207-A	5.80	8.6					
4	Baglung	F042	F04207	Myagdi district border-Beni												F04207-B	8.67	15.8				
5	Baglung	F166	F16601	Kagbeni-Muktinath	0.00	11.00	11.00	11.00	0.00	0.00	0.00	0.00	0.00	H	F16601-A	0.00	11.0					
6	Baglung	NH03	NH03-049	Kaligandaki bridge - Baglung	969.63	974.34	4.71	4.71	0.00	0.00	0.00	0.00	0.00	H	NH03-049-A	969.63	974.3					
7	Baglung	NH03	NH03-050	Baglung - Upallachaur	974.34	975.96	1.62	1.62	0.00	0.00	0.00	0.00	0.00	H	NH03-050-A	974.34	975.9					
8	Baglung	NH03	NH03-051	Upallachaur - Hatiya	975.96	1020.96	45.00	35.00	10.00	0.00	0.00	0.00	0.00	H	NH03-051-A	975.96	983.9					
9	Baglung	NH03	NH03-051	Upallachaur - Hatiya												NH03-051-B	983.96	993.9				
10	Baglung	NH03	NH03-051	Upallachaur - Hatiya												NH03-051-C	993.96	1020.9				
11	Baglung	NH03	NH03-052	Hatiya - Kharbang	1020.96	1041.96	21.00	21.00	0.00	0.00	0.00	0.00	0.00	H	NH03-052-A	1020.96	1041.9					
12	Baglung	NH03	NH03-053	Kharbang - Burtibang	1041.96	1063.96	22.00	22.00	0.00	0.00	0.00	0.00	0.00	H	NH03-053-A	1041.96	1063.9					
13	Baglung	NH03	NH03-054	Burtibang - Devasthan	1063.96	1068.96	5.00	5.00	0.00	0.00	0.00	0.00	0.00	H	NH03-054-A	1063.96	1068.9					
14	Baglung	NH03	NH03-055	Devasthan - Nissi	1068.96	1083.96	15.00	15.00	0.00	0.00	0.00	0.00	0.00	H	NH03-055-A	1068.96	1083.9					
15	Baglung	NH03	NH03-056	Nisi - Parthalna (DB)	1083.96	1105.96	22.00	22.00	0.00	0.00	0.00	0.00	0.00	H	NH03-056-A	1083.96	1105.9					
16	Baglung	NH48	NH48-006	Palung Khola - Maldhunga	83.43	121.43	38.00	0.00	0.00	38.00	0.00	0.00	0.00	H	NH48-006-A	83.43	87.4					
17	Baglung	NH48	NH48-006	Palung Khola - Maldhunga												NH48-006-B	87.43	121.4				
18	Baglung	NH48	NH48-008	Beni - Pairothapla	134.43	168.43	34.00	0.00	0.00	34.00	0.00	0.00	0.00	H	NH48-008-A	134.43	168.4					
19	Baglung	NH48	NH48-009	Pairothapla - Jomsom	168.43	214.43	46.00	0.00	0.00	46.00	0.00	0.00	0.00	H	NH48-009-A	168.43	214.4					
20	Baglung	NH48	NH48-010	Jomsom - Ghoktang	214.43	336.43	122.00	0.00	0.00	122.00	0.00	0.00	0.00	H	NH48-010-A	214.43	336.4					
21	Baglung	NH52	NH52-010	Darling (DB) - Devasthan	163.54	188.54	25.00	0.00	0.00	25.00	0.00	0.00	0.00	H	NH52-010-A	163.54	188.5					
22	Baglung	NH52	NH52-011	Devasthan - Dhorpatan	188.54	215.54	27.00	0.00	0.00	27.00	0.00	0.00	0.00	H	NH52-011-A	188.54	215.5					
	Baglung		Sub-Total				455.13	146.00	17.13	292.00	0.00	0.00										
1	Baitadi	F175	F17501	Patan-Pancheswor	0.00	62.00	62.00	3.70	0.00	51.30	0.00	7.00	0.00	H	F17501-A	0.00	3.7					

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6.2 IARMP: Regular Maintenance (For Admin Only)

6.2.1 IARMP: Regular Maintenance: Routine



The tool in the IARMP provides a detailed listing of the roads selected for routine maintenance works by divisions for the entire country. These can be exported and used in the preparation of the IARMP report.

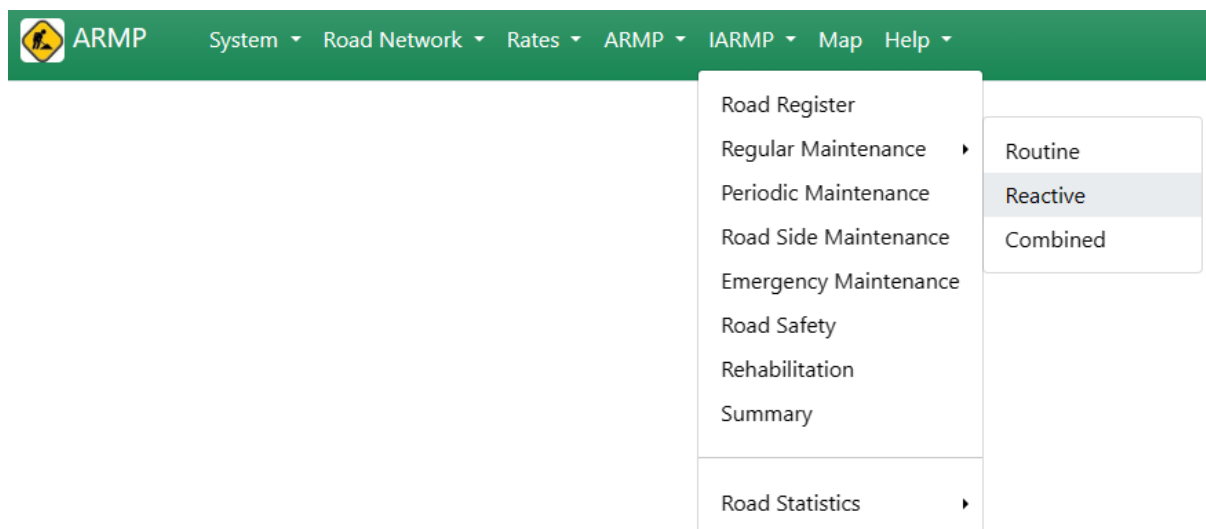
Load
Load Only Assigned
Integrated Routine Maintenance
Year: 2024
Download Excel

A	B	C	D	E	Link			I	Section			M	Pavement			P	Q	R
					From (Km)	To (Km)	Length (Km)		Link Section	From (Km)	To (Km)		Length (Km)	Terrain	Type			
1	Baglung	F042	F04207	Myagdi district border-Beni	5.80	15.80	10.00	F04207-A	5.80	8.67	2.87	H	STGB	4.00	1	1.00	2	
2	Baglung	F042	F04207	Myagdi district border-Beni	5.80	15.80	10.00	F04207-B	8.67	15.80	7.13	H	GR	3.60	1	1.00	7	
3	Baglung	F166	F16601	Kagbeni-Mukthinath	0.00	11.00	11.00	F16601-A	0.00	11.00	11.00	H	STGB	5.50	1	1.00	11	
4	Baglung	NH03	NH03-049	Kaligandaki bridge - Baglung	969.63	974.34	4.71	NH03-049-A	969.63	974.34	4.71	H	STGB	7.00	2	1.00	4	
5	Baglung	NH03	NH03-050	Baglung - Upallachaur	974.34	975.96	1.62	NH03-050-A	974.34	975.96	1.62	H	STGB	7.00	2	1.00	1	
6	Baglung	NH03	NH03-051	Upallachaur - Hatiya	975.96	1,020.96	45.00	NH03-051-A	975.96	983.96	8.00	H	STGB	7.00	2	1.00	8	
7	Baglung	NH03	NH03-051	Upallachaur - Hatiya	975.96	1,020.96	45.00	NH03-051-B	983.96	993.96	10.00	H	GR	7.00	2	1.00	10	
8	Baglung	NH03	NH03-051	Upallachaur - Hatiya	975.96	1,020.96	45.00	NH03-051-C	993.96	1,020.96	27.00	H	STGB	7.00	2	1.00	27	
9	Baglung	NH03	NH03-052	Hatiya - Kharbang	1,020.96	1,041.96	21.00	NH03-052-A	1,020.96	1,041.96	21.00	H	STGB	7.00	2	1.00	21	
10	Baglung	NH03	NH03-053	Kharbang - Burtibang	1,041.96	1,063.96	22.00	NH03-053-A	1,041.96	1,063.96	22.00	H	STGB	7.00	2	1.00	22	
11	Baglung	NH03	NH03-054	Burtibang - Devisthan	1,063.96	1,068.96	5.00	NH03-054-A	1,063.96	1,068.96	5.00	H	STGB	7.00	2	1.00	5	
12	Baglung	NH03	NH03-055	Devisthan - Nissi	1,068.96	1,083.96	15.00	NH03-055-A	1,068.96	1,083.96	15.00	H	STGB	7.00	2	1.00	15	
13	Baglung	NH03	NH03-056	Nisi - Partihaina (DB)	1,083.96	1,105.96	22.00	NH03-056-A	1,083.96	1,105.96	22.00	H	STGB	3.75	1	1.00	22	
14	Baglung	NH48	NH48-006	Palung Khola - Maldhunga	83.43	121.43	38.00	NH48-006-A	83.43	87.43	4.00	H	ER	4.50	1	1.00	4	
15	Baglung	NH48	NH48-006	Palung Khola - Maldhunga	83.43	121.43	38.00	NH48-006-B	87.43	121.43	34.00	H	ER	4.50	1	1.00	34	
16	Baglung	NH48	NH48-008	Beni - Pairothapla	134.43	168.43	34.00	NH48-008-A	134.43	168.43	34.00	H	ER	4.50	1	1.00	34	
17	Baglung	NH48	NH48-009	Pairothapla - Jomsom	168.43	214.43	46.00	NH48-009-A	168.43	214.43	46.00	H	ER	7.00	2	1.00	46	
18	Baglung	NH48	NH48-010	Jomsom - Ghoktang	214.43	336.43	122.00	NH48-010-A	214.43	336.43	122.00	H	ER	7.00	2	1.00	122	
19	Baglung	NH52	NH52-010	Darling (DB) - Devisthan	163.54	188.54	25.00	NH52-010-A	163.54	188.54	25.00	H	ER	4.50	1	1.00	25	
20	Baglung	NH52	NH52-011	Devisthan - Dhorpatan	188.54	215.54	27.00	NH52-011-A	188.54	215.54	27.00	H	ER	4.50	1	1.00	27	
Baglung				Sub-Total					449.33									449
1	Baitadi	F175	F17501	Patan-Pancheswor	0.00	62.00	62.00	F17501-A	0.00	3.70	3.70	H	STGB	3.50	1	1.00	3	
2	Baitadi	F175	F17501	Patan-Pancheswor	0.00	62.00	62.00	F17501-B	3.70	55.00	51.30	H	ER	4.50	1	1.00	51	

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6.2.2 IARMP: Regular Maintenance: Reactive



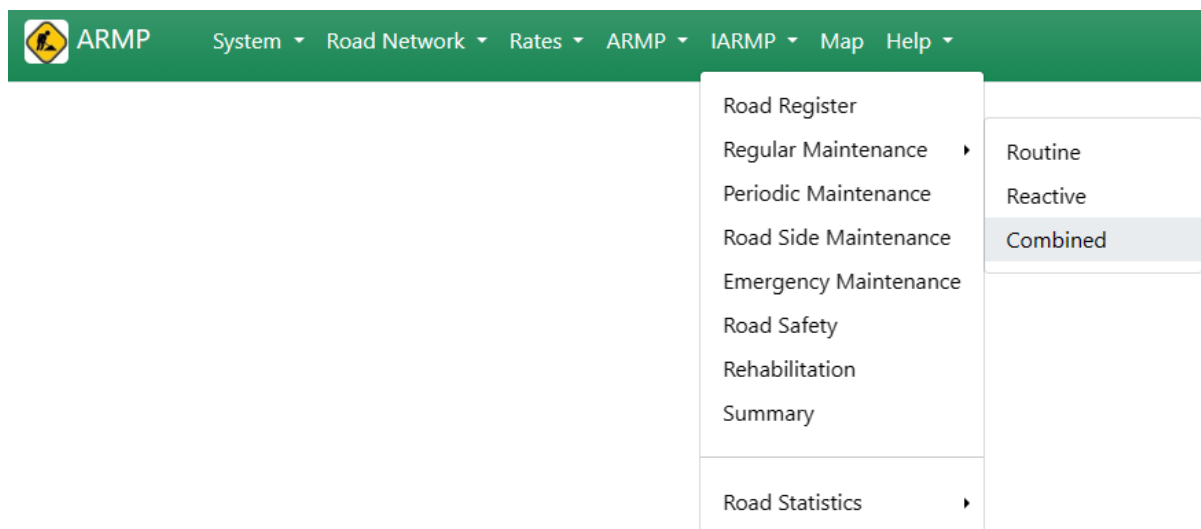
The tool in the IARMP provides a detailed listing of the roads selected for reactive maintenance works by divisions for the entire country. These can be exported and used in the preparation of the IARMP report.

Load Load Only Assigned **Integrated Reactive Maintenance** Year: 2024 Download Excel

A	B	C	D	E	G			I	K			M	N	O	P	Q
					F	F	H		J	L	L					
SN	Division	Road Ref. No.	Link Code	Link Name	From (Km)	To (Km)	Length (Km)	Link Section	From (Km)	To (Km)	Length (Km)	RM Length (Km)	Last Resurface Year	Resurface Year Count	Type	W
1	Baglung	F042	F04207	Myagdi district border-Beni	5.80	15.80	10.00	F04207-A	5.80	8.67	2.87	1.50	2020	4	STGB	
2	Baglung	F042	F04207	Myagdi district border-Beni	5.80	15.80	10.00	F04207-B	8.67	15.80	7.13	0.00	9999	1	GR	
3	Baglung	F166	F16601	Kagbeni-Muktinath	0.00	11.00	11.00	F16601-A	0.00	11.00	11.00	0.00	2015	9	STGB	
4	Baglung	NH03	NH03-049	Kaigandaki bridge - Baglung	969.63	974.34	4.71	NH03-049-A	969.63	974.34	4.71	0.00	2022	2	STGB	
5	Baglung	NH03	NH03-050	Baglung - Upallachaur	974.34	975.96	1.62	NH03-050-A	974.34	975.96	1.62	0.00	2022	2	STGB	
6	Baglung	NH03	NH03-051	Upallachaur - Hatiya	975.96	1,020.96	45.00	NH03-051-A	975.96	983.96	8.00	0.00	2023	1	STGB	
7	Baglung	NH03	NH03-051	Upallachaur - Hatiya	975.96	1,020.96	45.00	NH03-051-B	983.96	993.96	10.00	0.00	9999	1	GR	
8	Baglung	NH03	NH03-051	Upallachaur - Hatiya	975.96	1,020.96	45.00	NH03-051-C	993.96	1,020.96	27.00	0.00	2016	8	STGB	
9	Baglung	NH03	NH03-052	Hatiya - Kharbang	1,020.96	1,041.96	21.00	NH03-052-A	1,020.96	1,041.96	21.00	0.00	2017	7	STGB	
10	Baglung	NH03	NH03-053	Kharbang - Burtibang	1,041.96	1,063.96	22.00	NH03-053-A	1,041.96	1,063.96	22.00	0.00	2023	1	STGB	
11	Baglung	NH03	NH03-054	Burtibang - Devasthan	1,063.96	1,068.96	5.00	NH03-054-A	1,063.96	1,068.96	5.00	0.00	2017	7	STGB	
12	Baglung	NH03	NH03-055	Devasthan - Nissi	1,068.96	1,083.96	15.00	NH03-055-A	1,068.96	1,083.96	15.00	0.00	2017	7	STGB	
13	Baglung	NH03	NH03-056	Nisi - Parthatha (DB)	1,083.96	1,105.96	22.00	NH03-056-A	1,083.96	1,105.96	22.00	0.00	2017	7	STGB	
Baglung				Division Total							157.33	1.50				
1	Baitadi	F175	F17501	Patan-Pancheswor	0.00	62.00	62.00	F17501-A	0.00	3.70	3.70	0.00	2016	8	STGB	
2	Baitadi	NH03	NH03-087	Anarkholi-Khodpe	1,690.53	1,697.71	7.18	NH03-087-A	1,690.53	1,697.71	7.18	0.00	2024	1	STGB	
3	Baitadi	NH03	NH03-088	Khodpe-Patan	1,697.71	1,720.94	23.23	NH03-088-A	1,697.71	1,720.94	23.23	0.00	2019	5	STGB	
4	Baitadi	NH03	NH03-089	Patan-Satbhanj	1,720.94	1,737.53	16.59	NH03-089-A	1,720.94	1,737.53	16.59	0.00	2019	5	STGB	
5	Baitadi	NH03	NH03-090	Satbanj-Baitadi	1,737.53	1,755.98	18.45	NH03-090-A	1,737.53	1,745.53	8.00	0.00	2024	1	STGB	
6	Baitadi	NH03	NH03-090	Satbanj-Baitadi	1,737.53	1,755.98	18.45	NH03-090-B	1,745.53	1,755.98	10.45	0.00	2024	1	STGB	
7	Baitadi	NH03	NH03-091	Baitadi-Jhulaghat	1,755.98	1,779.58	23.60	NH03-091-A	1,755.98	1,759.98	4.00	0.00	2016	8	STGB	
8	Baitadi	NH03	NH03-091	Baitadi-Jhulaghat	1,755.98	1,779.58	23.60	NH03-091-B	1,759.98	1,779.58	19.60	0.00	2024	1	STGB	
9	Baitadi	NH64	NH64-001	Khodpe - Bithad	0.00	29.59	29.59	NH64-001-A	0.00	29.59	29.59	0.00	2023	1	STGB	

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6.2.3 IARMP: Regular Maintenance: Combined



The tool in the IARMP provides a detailed listing of the roads selected for combined maintenance works by divisions for the entire country. These can be exported and used in the preparation of the IARMP report.

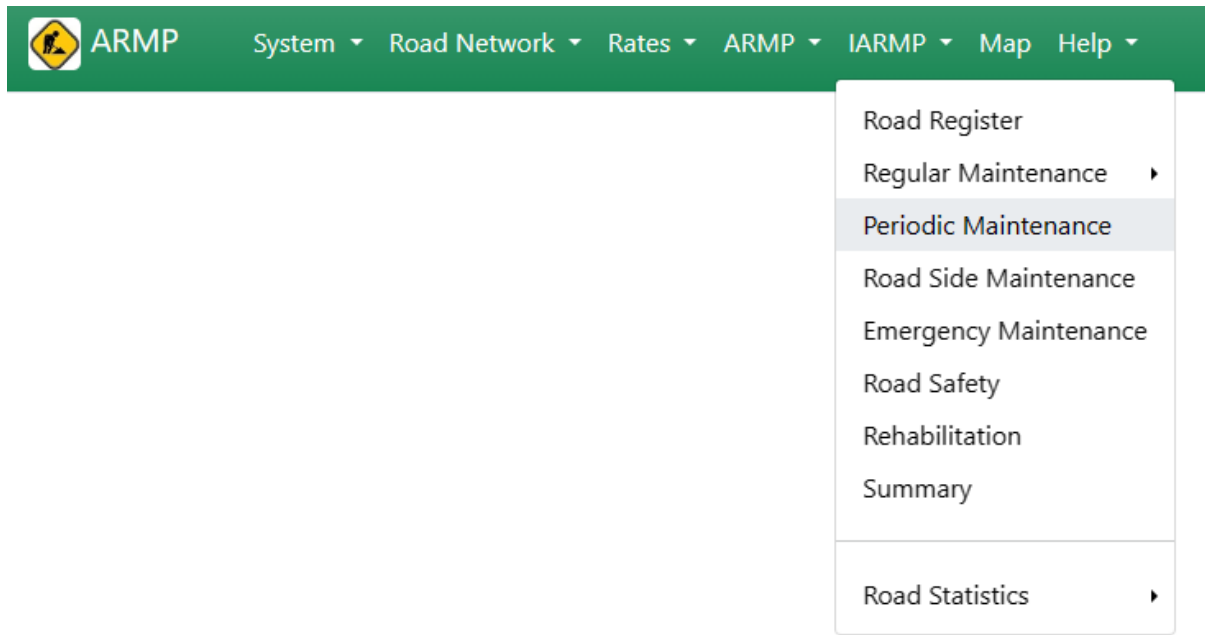
Load Integrated Combined Maintenance Year: 2024 Download Excel

A SN	B Division	C Road Ref. No.	D Link Code	E Link Name	F Link			I Link Section	J Section			M RM Length (Km)	N Last Resurface Year	O Resurface Year Count	P Type		C Pay (tr)
					From (Km)	To (Km)	Length (Km)		From (Km)	To (Km)	Length (Km)				Type	Wic (tr)	
1	Baglung	F042	F04206	Baglung-Myagdi district border	0.00	5.80	5.80	F04206-A	0.00	3.38	3.38	1.00	2020	4	STGB	5	
2	Baglung	F042	F04206	Baglung-Myagdi district border	0.00	5.80	5.80	F04206-B	3.38	5.80	2.42	1.50	2020	4	STGB	5	
				Sub-Total							5.80	2.50					

+ 100%

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6.3 IARMP: Periodic Maintenance (For Admin Only)



The tool in the IARMP provides a detailed listing of the roads selected for periodic maintenance works by divisions for the entire country. These can be exported and used in the preparation of the IARMP report.

Load Load Only Assigned Integrated Periodic Maintenance Year: 2024 Download Excel

SN	Division	Link Code	Link Name	Link			Pavement Type	Section			Pavement		Terrain	Traffic Volume		Year of Surface
				From (Km)	To (Km)	Length (Km)		From (Km)	To (Km)	Length (Km)	Width (m)	Area (sqm)		AADT	Group	
1	Baglung	F04206	Baglung-Myagdi district border	0.00	3.38	3.38	STGB	0.00	0.00	0.00	5.00	0.00	H	651	Moderate	
2	Baglung	F04206	Baglung-Myagdi district border	3.38	5.80	2.42	STGB	0.00	0.00	0.00	5.00	0.00	H	651	Moderate	
3	Baglung	F04207	Myagdi district border-Beni	5.80	8.67	2.87	STGB	0.00	0.00	0.00	4.00	0.00	H	651	Moderate	
4	Baglung	F16601	Kagbeni-Muktinath	0.00	11.00	11.00	STGB	0.10	5.00	4.90	5.50	26950.00	H	131	Low	
5	Baglung	NH03-049	Kaligandaki bridge - Baglung	969.63	974.34	4.71	STGB	0.00	0.00	0.00	7.00	0.00	H	651	Moderate	
6	Baglung	NH03-050	Baglung - Upalachaur	974.34	975.96	1.62	STGB	0.00	0.00	0.00	7.00	0.00	H	651	Moderate	
7	Baglung	NH03-051	Upalachaur - Hatiya	975.96	983.96	8.00	STGB	0.00	0.00	0.00	7.00	0.00	H	651	Moderate	
8	Baglung	NH03-051	Upalachaur - Hatiya	993.96	1,020.96	27.00	STGB	0.00	0.00	0.00	7.00	0.00	H	651	Moderate	
9	Baglung	NH03-052	Hatiya - Kharbang	1,020.96	1,041.96	21.00	STGB	0.00	0.00	0.00	7.00	0.00	H	651	Moderate	
10	Baglung	NH03-053	Kharbang - Burtibang	1,041.96	1,063.96	22.00	STGB	0.00	0.00	0.00	7.00	0.00	H	391	Moderate	
11	Baglung	NH03-054	Burtibang - Devisthan	1,063.96	1,068.96	5.00	STGB	0.00	0.00	0.00	7.00	0.00	H	391	Moderate	
12	Baglung	NH03-055	Devisthan - Nissi	1,068.96	1,083.96	15.00	STGB	0.00	0.00	0.00	7.00	0.00	H	391	Moderate	
13	Baglung	NH03-056	Nisi - Partihalna (DB)	1,083.96	1,105.96	22.00	STGB	0.00	0.00	0.00	3.75	0.00	H	391	Moderate	
	Baglung		Sub-Total							4.90		26950.00				
1	Baitadi	F17501	Patan-Pancheswor	0.00	3.70	3.70	STGB	0.00	0.00	0.00	3.50	0.00	H	146	Low	
2	Baitadi	NH03-087	Anarkholi-Khodpe	1,690.53	1,697.71	7.18	STGB	0.00	0.00	0.00	4.50	0.00	H	264	Moderate	
3	Baitadi	NH03-088	Khodpe-Patan	1,697.71	1,720.94	23.23	STGB	0.00	0.00	0.00	5.00	0.00	H	264	Moderate	
4	Baitadi	NH03-089	Patan-Satbhanj	1,720.94	1,737.53	16.59	STGB	0.00	0.00	0.00	5.00	0.00	H	264	Moderate	
5	Baitadi	NH03-090	Satbanj-Baitadi	1,737.53	1,745.53	8.00	STGB	0.00	0.00	0.00	4.00	0.00	H	301	Moderate	
6	Baitadi	NH03-090	Satbanj-Baitadi	1,745.53	1,755.98	10.45	STGB	0.00	0.00	0.00	4.00	0.00	H	301	Moderate	
7	Baitadi	NH03-091	Baitadi-Jhulaghat	1,755.98	1,759.98	4.00	STGB	0.00	0.00	0.00	4.00	0.00	H	301	Moderate	
8	Baitadi	NH03-091	Baitadi-Jhulaghat	1,759.98	1,779.58	19.60	STGB	0.00	0.00	0.00	4.00	0.00	H	301	Moderate	
9	Baitadi	NH64-001	Khodpe - Bithad	0.00	29.59	29.59	STGB	0.00	0.00	0.00	6.00	0.00	H	486	Moderate	

Click 'Download Excel' to export the data to Excel.

6.4 IARMP: Road Side Maintenance (For Admin Only)

The screenshot shows the ARMP software interface. At the top, there is a green navigation bar with the ARMP logo and several menu items: System, Road Network, Rates, ARMP, IARMP, Map, and Help. The IARMP menu is expanded, showing a list of options: Road Register, Regular Maintenance, Periodic Maintenance, Road Side Maintenance (highlighted), Emergency Maintenance, Road Safety, Rehabilitation, Summary, and Road Statistics.

The tool in the IARMP provides a detailed listing of the roads selected for roadside maintenance works by divisions for the entire country. These can be exported and used in the preparation of the IARMP report.

Load Integrated RoadSide Maintenance Works Year: 2024 Download Excel

SN	Division	Road Code	Road Name	From	To	Length	Work Description	Work From	Work To	Work Length	Total Cost (NRs)
1	Baglung	F04206	Baglung-Myagdi district border	0.00	5.80	5.80	test	0.00	3.00	3.00	277,641.00
	Baglung	Sub-Total								3.00	277,641.00

Click 'Download Excel' to export the data to Excel.

6.5 IARMP: Emergency Maintenance (For Admin Only)

The screenshot shows the ARMP software interface. At the top, there is a green navigation bar with the ARMP logo and several menu items: System, Road Network, Rates, ARMP, IARMP, Map, and Help. The IARMP menu is expanded, showing a list of options: Road Register, Regular Maintenance, Periodic Maintenance, Road Side Maintenance, Emergency Maintenance (highlighted), Road Safety, Rehabilitation, Summary, and Road Statistics.

The tool in the IARMP provides a detailed listing of the roads selected for Emergency maintenance works by divisions for the entire country. These can be exported and used in the preparation of the IARMP report.

Load Integrated Emergency Maintenance Works Year: 2024 Download Excel

SN	Division	Road Code	Road Name	From	To	Length	Work Description	Work From	Work To	Work Length	Total Cost (NRs)
1	Baglung	FD4205	Baglung-Myagdi district border	0.00	5.80	5.80	Test	1.00	3.00	2.00	30,849.00
	Baglung	Sub-Total								2.00	30,849.00

Click 'Download Excel' to export the data to Excel.

6.6 IARMP: Road Safety (For Admin Only)

The screenshot shows the ARMP software interface. At the top, there is a green navigation bar with the ARMP logo and several menu items: System, Road Network, Rates, ARMP, IARMP, Map, and Help. The IARMP menu is expanded, showing a list of options: Road Register, Regular Maintenance, Periodic Maintenance, Road Side Maintenance, Emergency Maintenance, Road Safety (highlighted), Rehabilitation, Summary, and Road Statistics.

The tool in the IARMP provides a detailed listing of the roads selected for Road Safety works by divisions for the entire country. These can be exported and used in the preparation of the IARMP report.

The screenshot shows the 'Integrated RoadSafety Works' report for the year 2024. The report includes a 'Load' button on the left and a 'Download Excel' button on the right. The main content is a table with the following data:

SN	Division	Road Code	Road Name	From	To	Length	Work Description	Work From	Work To	Work Length	Total Cost (NRs)
1	Baglung	FD4206	Baglung-Myagdi district border	0.00	5.80	5.80	Test	0.00	1.00	1.00	555.28
	Baglung	Sub-Total								1.00	555.28

Click 'Download Excel' to export the data to Excel.

6.7 IARMP: Rehabilitation (For Admin Only)

The screenshot shows the ARMP software interface with a green header bar. The header contains the ARMP logo and the text 'ARMP'. Below the header, there is a navigation menu with the following items: System, Road Network, Rates, ARMP, IARMP, Map, and Help. The IARMP menu is expanded, showing a list of options: Road Register, Regular Maintenance, Periodic Maintenance, Road Side Maintenance, Emergency Maintenance, Road Safety, Rehabilitation (highlighted), Summary, and Road Statistics.

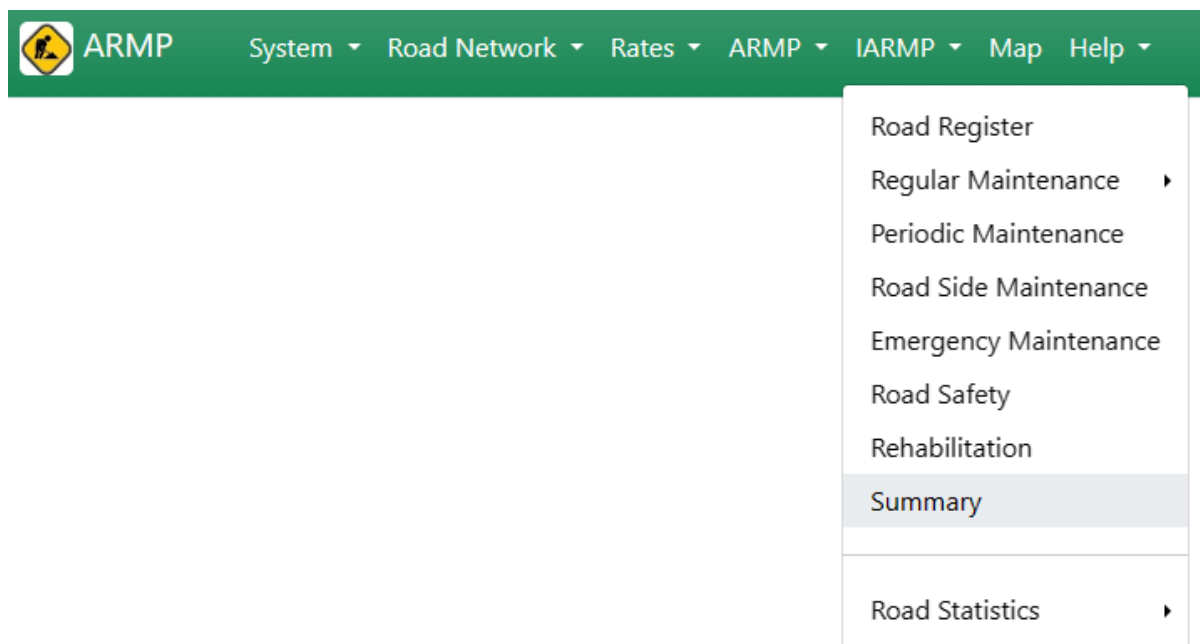
The tool in the IARMP provides a detailed listing of the roads selected for rehabilitation works by divisions for the entire country. These can be exported and used in the preparation of the IARMP report.

The screenshot shows the 'Integrated Rehabilitation Works' report for the year 2024. The report includes a 'Load' button on the left and a 'Download Excel' button on the right. The main content is a table with the following data:

SN	Division	Road Code	Road Name	From	To	Length	Work Description	Work From	Work To	Work Length	Total Cost (NRs)
1	Baglung	F04205	Baglung-Miyagdi district border	0.00	5.80	5.80	Test	0.00	3.00	3.00	3,102.18
	Baglung	Sub-Total								3.00	3,102.18

Click 'Download Excel' to export the data to Excel.

6.8 IARMP: Summary (For Admin Only)



The tool in the IARMP provides a detailed summary by divisions for the entire country. These can be exported and used in the preparation of the IARMP report.

Load Integrated Annual Road Maintenance Summary Year: 2024 Download Excel

SN	Division	Link Code	Link Name	From	To	Total Length (Km)	Routine Maintenance Length (Km)	Routine Maintenance Cost (NRs '000)	Reactive Maintenance Length (Km)	Reactive Maintenance Cost (NRs '000)	Combined Maintenance Length (Km)	Combined Maintenance Cost (NRs '000)	Total Regular Maintenance Cost (NRs '000)	Periodic Length (Km)	Periodic Cost (NRs '000)
1	Baglung	F04206	Baglung-Myagdi district border	0.00	5.80	5.80	0.00	0.00	0.00	0.00	2.50	1,151.55	1,151.55	0.00	0.00
2	Baglung	F04207	Myagdi district border-Beni	5.80	15.80	10.00	10.00	1,649.79	1.50	316.17	0.00	0.00	1,965.96	0.00	0.00
3	Baglung	F16601	Kagbeni-Muktinath	0.00	11.00	11.00	11.00	1,814.77	0.00	0.00	0.00	0.00	1,814.77	4.90	0.00
4	Baglung	NH03-049	Kailgandaki bridge - Baglung	969.63	974.34	4.71	4.71	777.05	0.00	0.00	0.00	0.00	777.05	0.00	0.00
5	Baglung	NH03-050	Baglung - Upallachaur	974.34	975.96	1.62	1.62	267.27	0.00	0.00	0.00	0.00	267.27	0.00	0.00
6	Baglung	NH03-051	Upallachaur - Hatiya	975.96	1,020.96	45.00	45.00	7,424.05	0.00	0.00	0.00	0.00	7,424.05	0.00	0.00
7	Baglung	NH03-052	Hatiya - Kharbang	1,020.96	1,041.96	21.00	21.00	3,464.56	0.00	0.00	0.00	0.00	3,464.56	0.00	0.00
8	Baglung	NH03-053	Kharbang - Burtibang	1,041.96	1,063.96	22.00	22.00	3,629.53	0.00	0.00	0.00	0.00	3,629.53	0.00	0.00
9	Baglung	NH03-054	Burtibang - Devisthan	1,063.96	1,068.96	5.00	5.00	824.89	0.00	0.00	0.00	0.00	824.89	0.00	0.00
10	Baglung	NH03-055	Devisthan - Nissi	1,068.96	1,083.96	15.00	15.00	2,474.68	0.00	0.00	0.00	0.00	2,474.68	0.00	0.00
11	Baglung	NH03-056	Nisi - Parthalna (DB)	1,083.96	1,105.96	22.00	22.00	3,629.53	0.00	0.00	0.00	0.00	3,629.53	0.00	0.00
12	Baglung	NH48-006	Palung Khola - Maldhunga	83.43	121.43	38.00	38.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Baglung	NH48-008	Beni - Pairothapla	134.43	168.43	34.00	34.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	Baglung	NH48-009	Pairothapla - Jomsom	168.43	214.43	46.00	46.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	Baglung	NH48-010	Jomsom - Ghoktang	214.43	336.43	122.00	122.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	Baglung	NH52-010	Darling (DB) - Devisthan	163.54	188.54	25.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Baglung	NH52-011	Devisthan - Dhorpatan	188.54	215.54	27.00	27.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Baglung		Sub-Total			455.13	449.33	25,956.12	1.50	316.17	2.50	1,151.55	27,423.84	4.90	0.00
1	Baitadi	F17501	Patan-Pancheswor	0.00	62.00	62.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Baitadi	F17602	Totihal-Melauli	44.00	65.00	21.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Baitadi	NH03-087	Anarkholi-Khodpe	1,690.53	1,697.71	7.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Baitadi	NH03-088	Khodpe-Patan	1,697.71	1,720.94	23.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Count:2 — 100%

Click 'Download Excel' to export the data to Excel.

6.9 IARMP: Statistics (For Admin Only)

The screenshot shows the ARMP software interface. The top navigation bar includes 'System', 'Road Network', 'Rates', 'ARMP', 'IARMP', 'Map', and 'Help'. The 'IARMP' menu is expanded, showing options: Road Register, Regular Maintenance, Periodic Maintenance, Road Side Maintenance, Emergency Maintenance, Road Safety, Rehabilitation, and Summary. The 'Road Statistics' option is highlighted, and its sub-menu is visible, containing: Roads By Road Class, Roads By Width (Lane No.), Roads By Pavement Type, and Roads By Terrain Type.

6.9.1 Road By Road Class

The tool in the IARMP provides a detailed summary by road class for the entire country. These can be exported and used in the preparation of the IARMP report.

NH Roads By Road Class Year: 2024

A SN	B Division	C Road Ref. No.	D Link Code	E Link Name	F Link			J Pavement Types (Km)				M Terrain	N L	
					From	To	Length	BT	GR	ER	UC			PL
1	Damak	NH01	NH01-001	Kakarbhitta-Charali	0.00	11.25	11.25	11.25	0.00	0.00	0.00	0.00	P	NH
2	Damak	NH01	NH01-002	Charali-Birtamod	11.25	17.52	6.27	6.27	0.00	0.00	0.00	0.00	P	NH
3	Damak	NH01	NH01-003	Birtamod-Padajogi (Damak)	17.52	47.03	29.51	29.51	0.00	0.00	0.00	0.00	P	NH
4	Damak													NH
5	Damak	NH01	NH01-004	Padajogi (Damak)-Ratuwa	47.03	47.99	0.96	0.96	0.00	0.00	0.00	0.00	P	NH
6	Damak	NH01	NH01-005	Ratuwa-Mawa	47.99	54.75	6.76	6.76	0.00	0.00	0.00	0.00	P	NH
7	Biratnagar	NH01	NH01-006	Mawa-Harichamod	54.75	80.86	26.11	26.11	0.00	0.00	0.00	0.00	P	NH
8	Biratnagar													NH
9	Biratnagar													NH
10	Biratnagar	NH01	NH01-007	Harichamod-Budhi Khola	80.86	91.05	10.19	10.19	0.00	0.00	0.00	0.00	P	NH
11	Biratnagar													NH
12	Biratnagar													NH
13	Biratnagar	NH01	NH01-008	Budhi Khola-Itahari	91.05	92.40	1.35	1.35	0.00	0.00	0.00	0.00	P	NH
14	Biratnagar	NH01	NH01-009	Itahari-Sakhawa Gachhi	92.40	107.64	15.24	15.24	0.00	0.00	0.00	0.00	P	NH
15	Biratnagar													NH
16	Biratnagar	NH01	NH01-010	Sakhawa Gachhi-Sunsari bridge	107.64	111.05	3.41	3.41	0.00	0.00	0.00	0.00	P	NH
17	Biratnagar	NH01	NH01-011	Sunsari bridge-Koshi Barrage	111.05	134.93	23.88	23.88	0.00	0.00	0.00	0.00	P	NH
18	Biratnagar													NH
19	Lahan	NH01	NH01-012	Koshi Barrage-Bharadaha	134.93	140.95	6.02	6.02	0.00	0.00	0.00	0.00	P	NH
20	Lahan	NH01	NH01-013	Bharadaha-Rupni	140.95	171.74	30.79	30.79	0.00	0.00	0.00	0.00	P	NH
21	Lahan													NH
22	Lahan													NH
23	Lahan	NH01	NH01-014	Rupni-Kadmaha	171.74	192.42	20.68	20.68	0.00	0.00	0.00	0.00	P	NH
24	Lahan													NH

Click 'Download Excel' to export the data to Excel.

6.9.2 Road By Width (Lane No.)

The tool in the IARMP provides a detailed summary by road width (Lane number) for the entire country. These can be exported and used in the preparation of the IARMP report.

Double Lane

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Load

Roads By Road Width (Number of Lane)

Year: 2024

Download Excel

A	B	C	D	E	Link			Pavement Types (Km)					N	L	
					F	G	H	I	J	K	L	M			
SN	Division	Road Ref. No.	Link Code	Link Name	From	To	Length	BT	GR	ER	UC	PL	Terrain		
1	Lalitpur	25SUR001	25SUR00101	Saugalchowk-Vola dhoka-Balkumari	0.00	1.56	1.56	1.56	0.00	0.00	0.00	0.00	0.00	P	25S
2	Lalitpur	25SUR002	25SUR00202	Pulchowk-St. Marys-Thadodhunga_E	2.00	4.54	2.54	2.54	0.00	0.00	0.00	0.00	0.00	P	25S
3	Lalitpur	25SUR005	25SUR00501	Patan Hospital-Mahalaxmi-Ring road	0.00	1.10	1.10	1.10	0.00	0.00	0.00	0.00	0.00	P	25S
4	Lalitpur	25SUR006	25SUR00601	Pulchowk-Pulchowk Campus	0.00	0.50	0.50	0.50	0.00	0.00	0.00	0.00	0.00	P	25S
5	Lalitpur	25SUR006	25SUR00602	Pulchowk Campus-Patan Dhoka	0.50	1.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	P	25S
6	Lalitpur														25S
7	Lalitpur	25SUR006	25SUR00604	Krishna Galli	1.50	2.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	P	25S
8	Lalitpur	25SUR007	25SUR00701	Pulchowk (Narayani Hotel)- Jhamsik	0.00	3.50	3.50	3.50	0.00	0.00	0.00	0.00	0.00	P	25S
9	Lalitpur	25SUR009	25SUR00901	Nakhu-Bhanimandal-Dhobighat-Gree	0.00	3.00	3.00	3.00	0.00	0.00	0.00	0.00	0.00	P	25S
10	Lalitpur	25SUR019	25SUR01901	Nakhu Chowk - Chobhar	0.00	1.50	1.50	1.50	0.00	0.00	0.00	0.00	0.00	P	25S
11	Lalitpur	25SUR027	25SUR02701	Balkhu - Bagdol (Left Bank)	0.00	1.78	1.78	1.78	0.00	0.00	0.00	0.00	0.00	P	25S
12	Bhaktapur	26SUR001	26SUR00101	Jagati(ARM)-Chyamasingh -Kamalbi	0.00	2.00	2.00	1.00	0.00	0.00	0.00	0.00	0.00	P	26S
13	Bhaktapur	26SUR005	26SUR00501	Shrijana chok(ARM)-DRO-KatunjeVC	0.00	0.55	0.55	0.55	0.00	0.00	0.00	0.00	0.00	P	26S
14	Bhaktapur	26SUR005	26SUR00502	Shrijana chok(ARM)-DRO-KatunjeVC	0.55	1.55	1.00	1.00	0.00	0.00	0.00	0.00	0.00	P	26S
15	Kathmandu	27SUR001	27SUR00101	Mitrapark-Gaurighat-Nayabasti	0.00	1.93	1.93	1.93	0.00	0.00	0.00	0.00	0.00	P	27S
16	Kathmandu	27SUR001	27SUR00102	Nayabasti-Gothatar	1.93	3.33	1.40	1.40	0.00	0.00	0.00	0.00	0.00	P	27S
17	Kathmandu	27SUR005	27SUR00501	Maitidevi-Gopikrishna Hall(Dhobikhola	0.00	2.50	2.50	2.50	0.00	0.00	0.00	0.00	0.00	P	27S
18	Kathmandu	27SUR006	27SUR00601	Bhandarkhal (ring road) -Kalopul	0.00	1.25	1.25	1.25	0.00	0.00	0.00	0.00	0.00	P	27S
19	Kathmandu	27SUR007	27SUR00701	Gaushala-Rato pul-Kamalpokhari-Ka	0.00	2.20	2.20	2.20	0.00	0.00	0.00	0.00	0.00	P	27S
20	Kathmandu														27S
21	Kathmandu														27S
22	Kathmandu	27SUR007	27SUR00702	Kamaladi-Darbarmarg	2.20	2.70	0.50	0.50	0.00	0.00	0.00	0.00	0.00	P	27S
23	Kathmandu	27SUR013	27SUR01301	Sinamangal (Ring road) -Dillibazar-Bi	0.00	1.30	1.30	1.30	0.00	0.00	0.00	0.00	0.00	P	27S
24	Kathmandu	27SUR013	27SUR01302	Sinamangal (Ring road) -Dillibazar-Bi	1.30	3.60	2.30	2.30	0.00	0.00	0.00	0.00	0.00	P	27S

Click 'Download Excel' to export the data to Excel.

6.9.3 Road By Pavement Type

The tool in the IARMP provides a detailed summary by pavement type for the entire country. These can be exported and used in the preparation of the IARMP report.

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Load

Roads By Pavement Type

Year: 2024

Download Excel

A	B	C	D	E	Link			Pavement Types (Km)					N	L	
					F	G	H	I	J	K	L	M			
SN	Division	Road Ref. No.	Link Code	Link Name	From	To	Length	BT	GR	ER	UC	PL	Terrain		
1	Lalitpur	25SUR024	25SUR02401	Taulkhe-Badikhe-Lele Road	0.00	7.00	7.00	0.00	4.50	0.00	0.00	0.00	0.00	H	25S
2	Nepalgunj	F016	F01601	Bhuregaun-Junction, road to Beluwa	0.00	14.67	14.67	0.00	14.67	0.00	0.00	0.00	0.00	P	F01
3	Hetauda	F020	F02001	Palung-Kulekhani	0.00	20.57	20.57	0.00	41.14	0.00	0.00	0.00	0.00	H	F02
4	Hetauda														F02
5	Lalitpur	F024	F02403	Godavari-Phulchoki (Lalitpur)	9.38	22.24	12.86	0.00	4.37	0.00	0.00	0.00	0.00	H	F02
6	Bhaktapur	F024	F02404	Godavari-Phulchoki (Kabhrepalanch	22.24	23.24	1.00	0.00	1.00	0.00	0.00	0.00	0.00	H	F02
7	Bhaktapur	F029	F02903	Panauti-Khopasi	6.00	9.54	3.54	0.00	3.00	0.00	0.00	0.00	0.00	P	F02
8	Charikot	F030	F03003	Melamchi-Helambu	22.50	63.00	40.50	0.00	17.00	0.00	0.00	0.00	0.00	H	F03
9	Baglung	F042	F04207	Myagdi district border-Beni	5.80	15.80	10.00	0.00	7.13	0.00	0.00	0.00	0.00	H	F04
10	Dhankuta	F058	F05801	Bhedetar (KRM)-Kopche	0.00	34.00	34.00	0.00	29.02	0.00	0.00	0.00	0.00	H	F05
11	Ilam	F058	F05804	Rabi-Ranke(MERM)	73.70	97.70	24.00	0.00	10.00	0.00	0.00	0.00	0.00	H	F05
12	Biratnagar	F061	F06102	Kanepokhari-Dandagaun	22.00	52.00	30.00	0.00	12.00	0.00	0.00	0.00	0.00	P	F06
13	Biratnagar	F063	F06301	Inerwa (MRM)-Kaptanganj	0.00	9.95	9.95	0.00	1.96	0.00	0.00	0.00	0.00	P	F06
14	Biratnagar	F063	F06301A	Inerwa (MRM)-Kaptanganj	9.95	20.49	10.54	0.00	10.54	0.00	0.00	0.00	0.00	P	F06
15	Biratnagar														F06
16	Lahan	F065	F06501	Kathaua (MRM)-Pato (B)	0.00	16.50	16.50	0.00	16.50	0.00	0.00	0.00	0.00	P	F06
17	Nuwakot	F074	F07401	Damki-Phalante (Nuwakot Darbar Ac	0.00	8.00	8.00	0.00	0.30	0.00	0.00	0.00	0.00	H	F07
18	Nuwakot	F077	F07703	Kuwapani-Kakani-Kaulathana(F21)	12.20	18.70	6.50	0.00	2.80	0.00	0.00	0.00	0.00	H	F07
19	Bhaktapur	F095	F09502	Phuyalgaun-Changunarayan	1.50	4.33	2.83	0.00	2.83	0.00	0.00	0.00	0.00	P	F05
20	Bhaktapur	F095	F09503	Changunarayan-Phedigaun	4.33	14.00	9.67	0.00	9.67	0.00	0.00	0.00	0.00	P	F05
21	Bhaktapur														F05
22	Bhaktapur	F099	F09901	Trolley bus(ARM)-Suryabinayak-Chan	0.00	10.50	10.50	0.00	6.01	0.00	0.00	0.00	0.00	P	F05
23	Lalitpur	F100	F10002	Sumlingtar-Lubhu(KVRR)	6.00	7.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	P	F10
24	Janakpur	F112	F11202	Rashiti-Manara	0.00	7.84	7.84	0.00	7.84	0.00	0.00	0.00	0.00	P	F11

Click 'Download Excel' to export the data to Excel.

6.9.4 Road By Terrain Type

The tool in the IARMP provides a detailed summary by terrain type for the entire country. These can be exported and used in the preparation of the IARMP report.

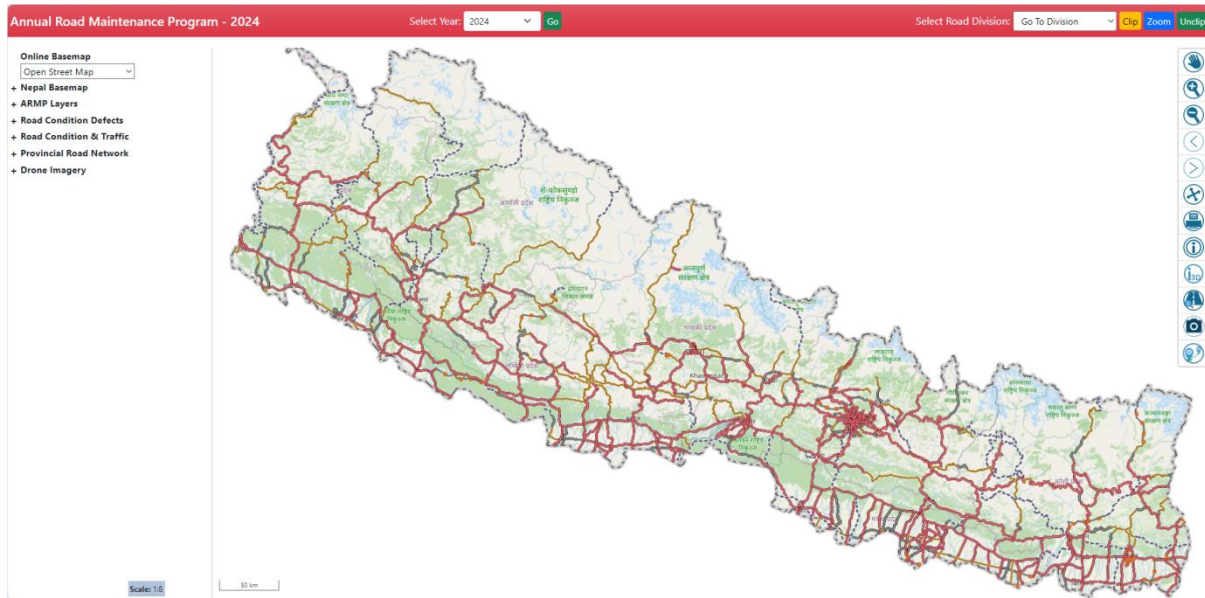
Hill
[Load](#)
Roads By Terrain Type
Year: 2024
[Download Excel](#)

A SN	B Division	C Road Ref. No.	D Link Code	E Link Name	F Link			I BT	J Pavement Types (Km)				M PL	N Terrain	L
					From	To	Length		GR	ER	UC				
1	Lalitpur	25SUR024	25SUR02401	Taukhet-Badikhet-Lele Road	0.00	7.00	7.00	2.50	4.50	0.00	0.00	0.00	H	25S	
2	Lalitpur													25S	
3	Lalitpur													25S	
4	Lahan	F004	F00401	Rupani-Biharpur	0.00	9.53	9.53	12.53	0.00	0.00	0.00	0.00	H	F00	
5	Lahan													F00	
6	Lahan													F00	
7	Hetauda	F019	F01901	Bhaise-Bhimphedi	0.00	12.00	12.00	12.00	0.00	0.00	0.00	0.00	H	F01	
8	Hetauda	F020	F02001	Palung-Kulekhani	0.00	20.57	20.57	0.00	41.14	0.00	0.00	0.00	H	F02	
9	Hetauda													F02	
10	Hetauda	F022	F02203	Chhaimale-Kulekhani	22.39	35.59	13.20	26.40	0.00	0.00	0.00	0.00	H	F02	
11	Hetauda													F02	
12	Lalitpur	F023	F02302	Sunakothi-Tikabhairab Junction	2.42	11.10	8.68	17.36	0.00	0.00	0.00	0.00	H	F02	
13	Lalitpur													F02	
14	Lalitpur	F023	F02303	Tikabhairab Junction - Lele	11.10	14.30	3.20	6.40	0.00	0.00	0.00	0.00	H	F02	
15	Lalitpur													F02	
16	Lalitpur	F024	F02403	Godavari-Phulchoki (Lalitpur)	9.38	22.24	12.86	8.49	4.37	0.00	0.00	0.00	H	F02	
17	Lalitpur													F02	
18	Bhaktapur	F024	F02404	Godavari-Phulchoki (Kabhrepalanch)	22.24	23.24	1.00	0.00	1.00	0.00	0.00	0.00	H	F02	
19	Kathmandu	F026	F02603	Sakhu-Lapsephedi-Bhotechaur	13.23	25.43	12.20	12.20	0.00	0.00	0.00	0.00	H	F02	
20	Kathmandu													F02	
21	Charikot	F026	F02604	Bhotechaur-Chhapeli(Junction To Sin)	25.43	35.85	10.42	10.42	0.00	0.00	0.00	0.00	H	F02	
22	Charikot													F02	
23	Charikot	F026	F02606	Melamchi(Junction to F03)-Chautara	0.00	22.00	22.00	0.00	0.00	22.00	0.00	0.00	H	F02	
24	Bhaktapur	F030	F03001	Panchkhal-Dhad Khola	0.00	10.66	10.66	10.66	0.00	0.00	0.00	0.00	H	F03	

Click 'Download Excel' to export the data to Excel.

7. Map

In this web-based version of ARMP, the map interface is seamlessly integrated into the website interface, providing added functionality and enhancing ease of operation.

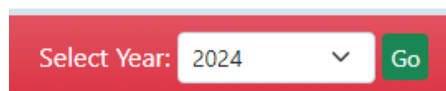


The available lists of layers in the map are

1. **Online Basemap:** Google Satellite, Google Terrain, Google Streets, Bing Road, Bing Aerial, Open Street Map, None.
2. **Nepal Basemap:** National Line, Province Boundary, District Boundary, FHSMO Boundary, Road Division, Major River, Settlements, Contour, Airport
3. **ARMP Layers:** National Highways, Other Strategic Roads, Emergency Roads....
4. **Road Condition Defects:** Pothole, Corrugation, Exposed Base
5. **Road Condition & Traffic:** International Roughness Index (IRI), Surface Distress Index (SDI), Traffic Volume
6. **Provincial Road Network:** Provincial Highway, Provincial Road
7. **Drone Imagery:** Drone Imagery

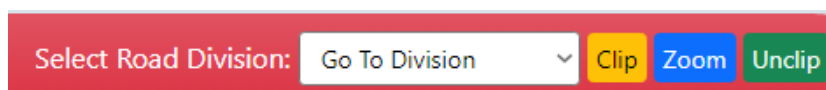
Select Year:

There is a provision to select various years. Select any available year and click the Go button to update the map view to the selected year.



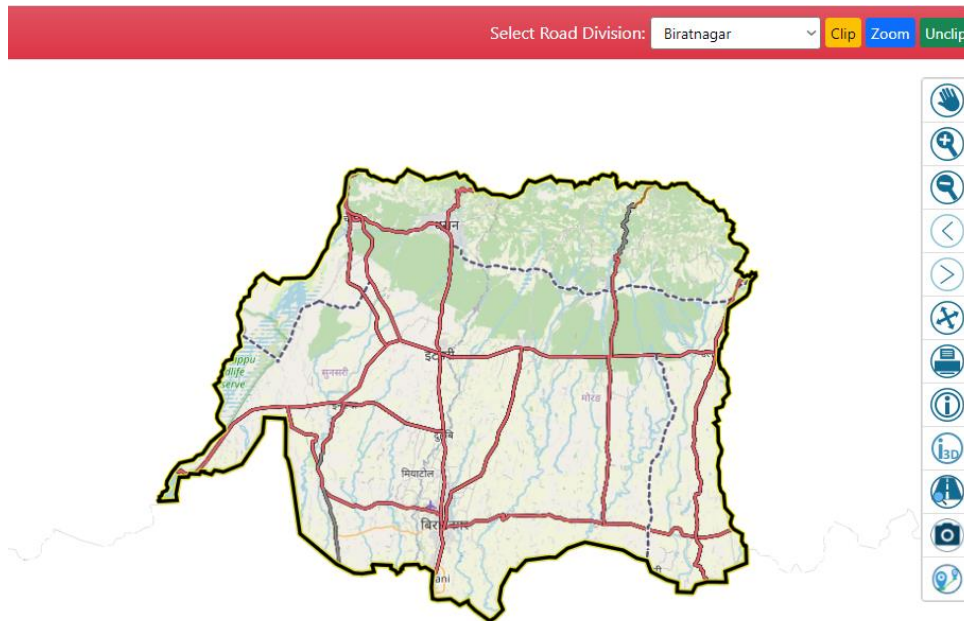
Select Road Division:

There is a provision to clip or zoom to Road Division.



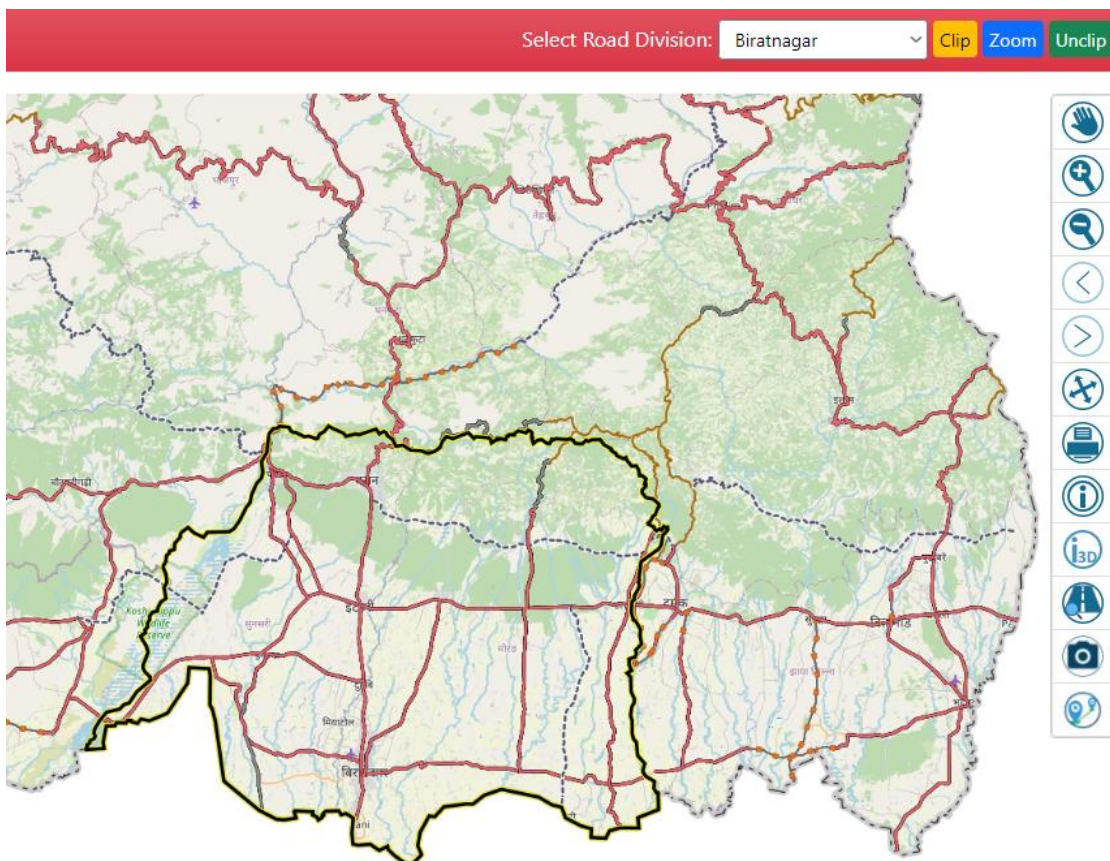
Clip:

Select Road Division from the list and click the Clip button to clip the Division.



Zoom:

Select Road Division from the list and click the Zoom button to zoom to the selected Division.














Unclip:

Click the unclip button to reset the clipped map and remove the division highlight.

Map Tools:

To ease the navigation and add functionalities, multiple tools are available

	Pan or Move around the map
	Zoom the area up to the required zoom level
	Zoom out the area up to the required zoom level
	Go to the previous extent
	Go to the next extent
	Zoom to default extent
	Print the map
	Identify features of various layers
	Search Road
	View Images and Video
	Calculate distance and area

Print Map: 

A fast and high-quality print can be obtained with the facility to set user-defined map titles, map no, and comments.

Users can set the scale manually.

The map can be exported as png, jpg, or pdf.

Enable and disable the Grid Line and/or Scale label in the print.

✖
Print

Map Title:

Map No:

Text/Comments:

Page Size: A4

Current Scale: 4265

Scale: Set

Output Type:

Grid Line: Scale Label:

print

Preview

Annual Road Maintenance Program

0.04 0 0.04 0.09 km

1:4,265


Coordinate System: WGS1984 UTM Zone 44N
 Projection: Transverse Mercator
 Datum: WGS 1984
 False Easting: 500,000.0000
 False Northing: 0.0000
 Central Meridian: 81.0000
 Scale Factor: 0.9996
 Latitude of Origin: 0.0000
 Units: Meter

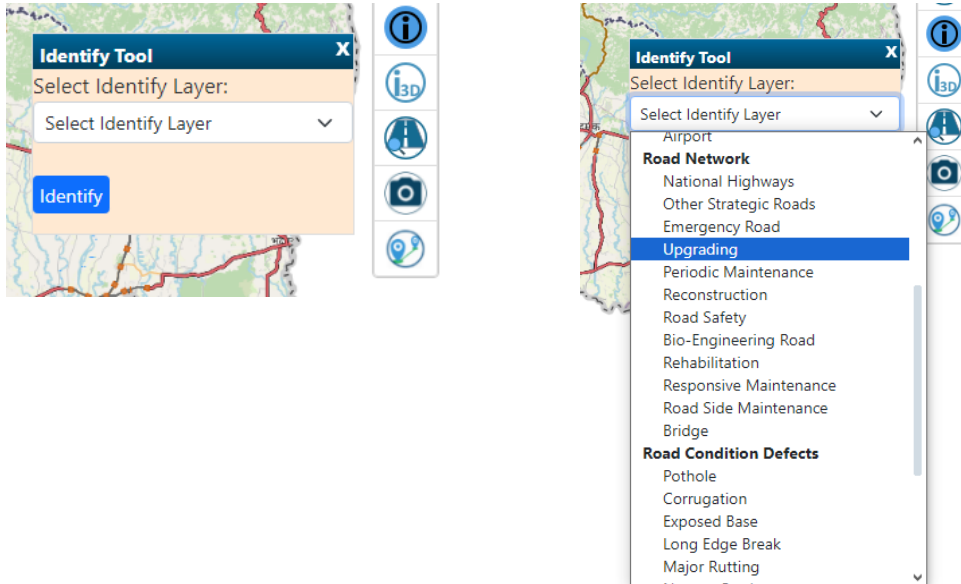
Testing

Map No: 01

Kankadbhitta

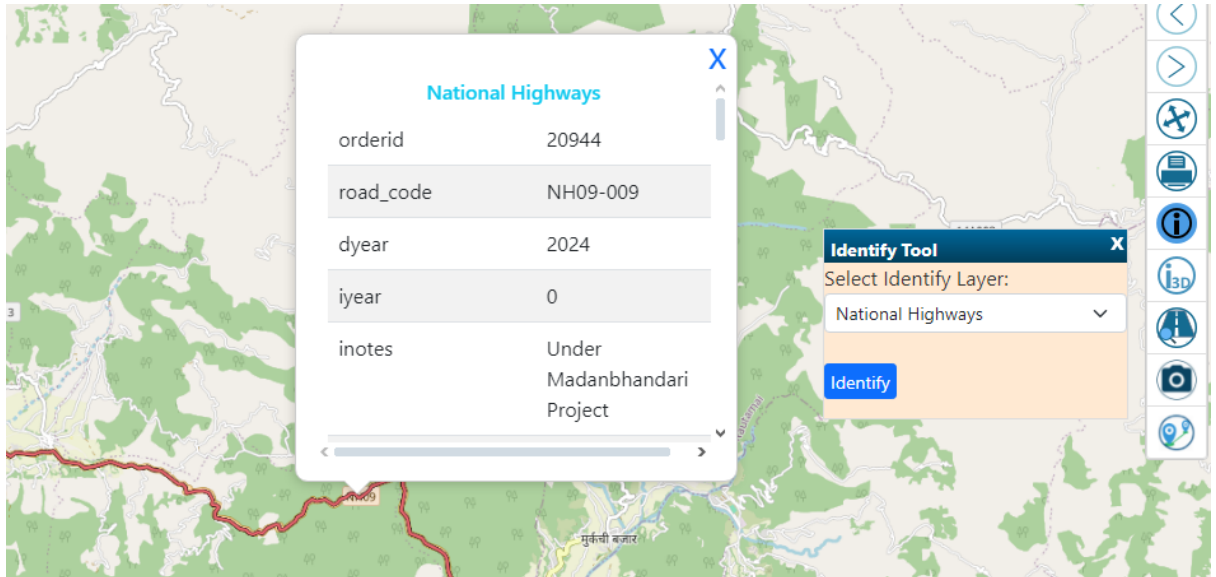
Identify features:

Click on  tool to view the list of layers. Select any layer then click Identify button.




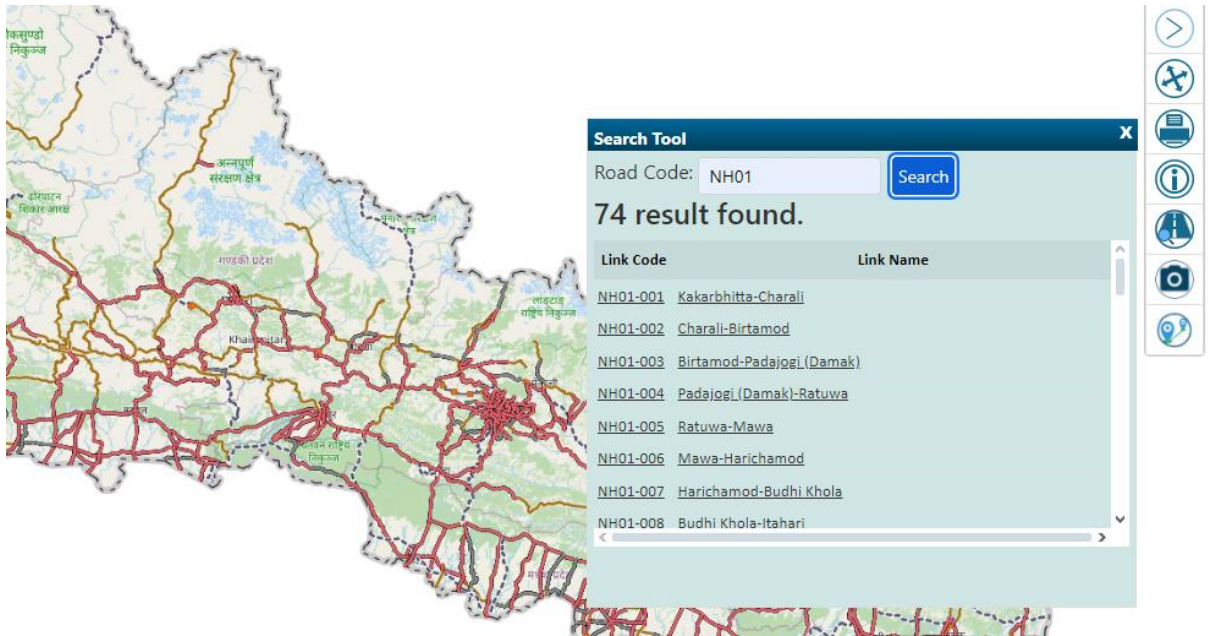
Click on the selected layer in the map to view its attributes.

Click X to remove the Identify tool.

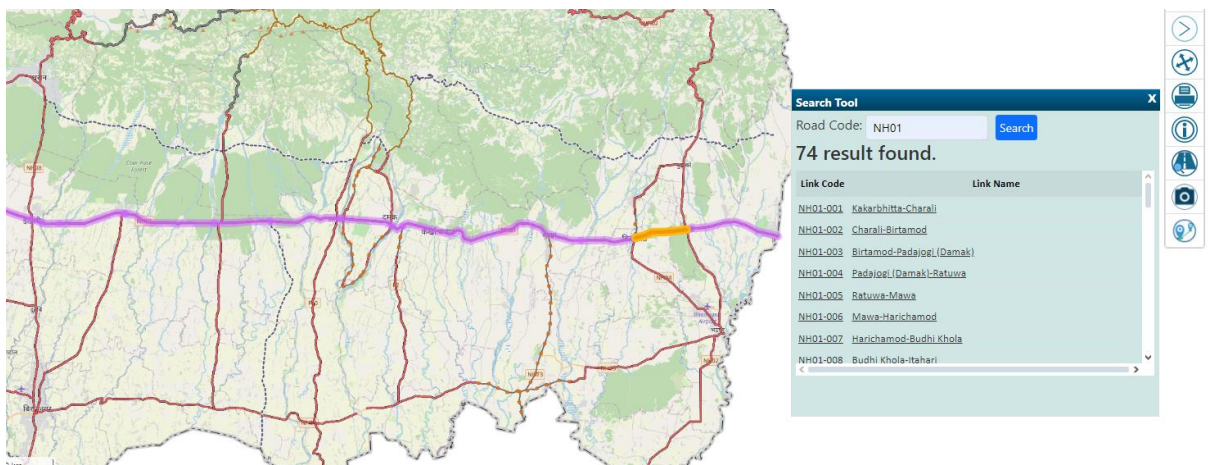


Search Road:


Click on  to view the search tool interface. Type the road code then click the Search button to view the list of road links.



Click on any road link to zoom in on it.
 Road Link is highlighted with orange color.
 The road is highlighted with purple color.
 Click X to remove the search tool.



Road Image and Video

Click on  to enable Image/Video Tool. Type the desired road code and click search. Select the road link from the list.

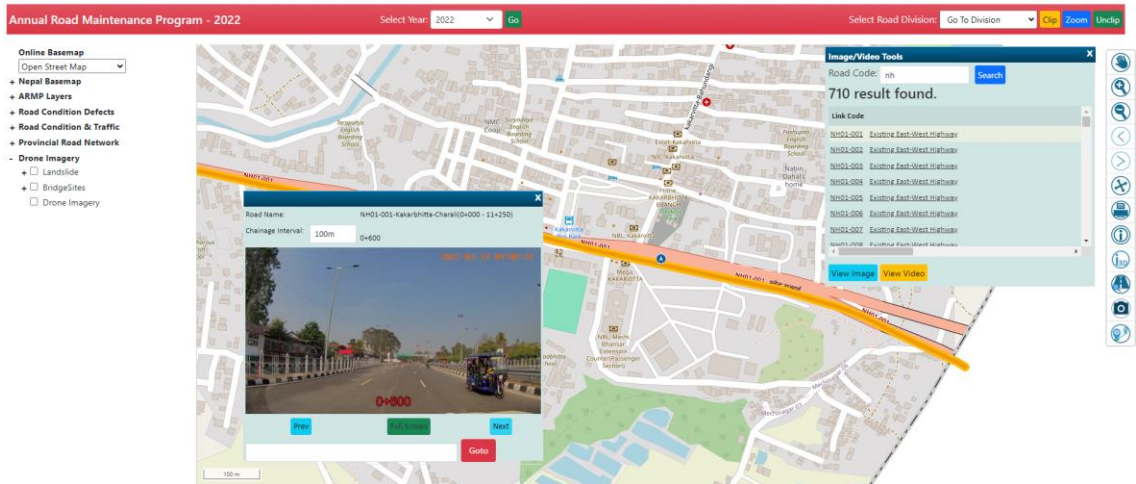
View Image: Click the view image button to view the photograph of the link.
 There is a Next and Previous button to navigate.

The goto option can be used to zoom to input chainage. The format to input chainage is X+XXX.


Chainage intervals of 100m, 200m, and 500m can be selected to ease the navigation of photographs.

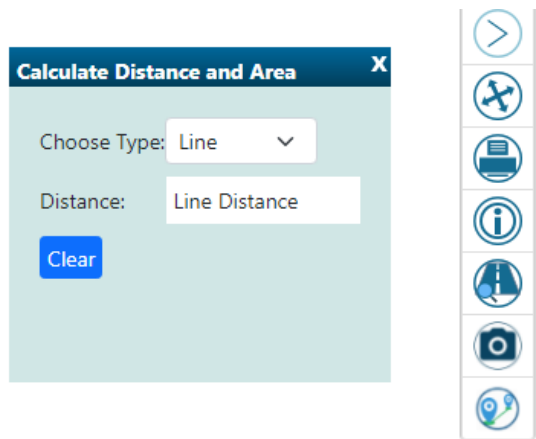
Click the Full-Screen button to view the enlarged photograph.

View Video: Click on the view video button to view the video of the link. Check road link NH07-001 for the year 2022.

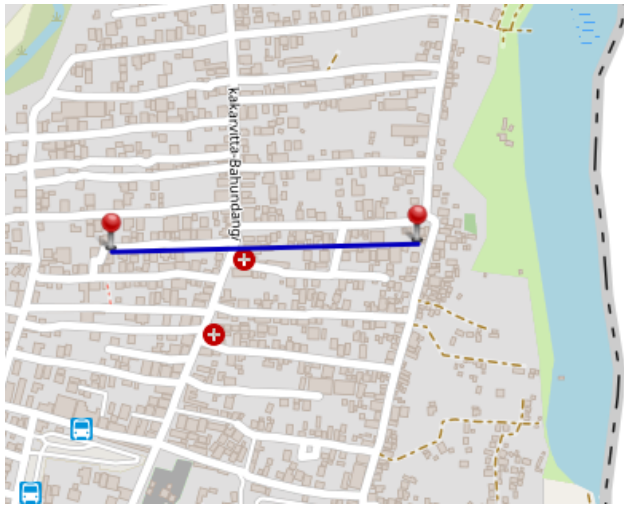


Calculate Distance and Area:

Click  to activate the Distance and Area tool. Select Line, Polyline, or Polygon from the type option.



Click on the map to calculate the distance and area.



Calculate Distance and Area X

Choose Type: Line ▾

Distance: 0.46 Km

Clear



8. Help

8.1 About


About

Annual Road Maintenance Program (ARMP)

Product: ARMP V4

Client: Department of Roads, Nepal

Developed By: [Softwel \(P\) Ltd](#), Nepal



8.2 User Manual