

# Web Manual



**PIIMS**  
**Province-1**  
**Construction Site Monitoring**

Version 1.0.0

# 1. Reviews

Go to <http://p1csm.softwel.com.np/>. It will navigate you to Reviews Page. This Section contains the reviews of users and districts by the final reports they have uploaded. This section can be navigate without login. This Section contains 3 more section.

- **Users Monthly Reviews :**

In this section you can see users monthly reviews. Choose the month in “Select Month” Section and it will load User monthly Reviews.

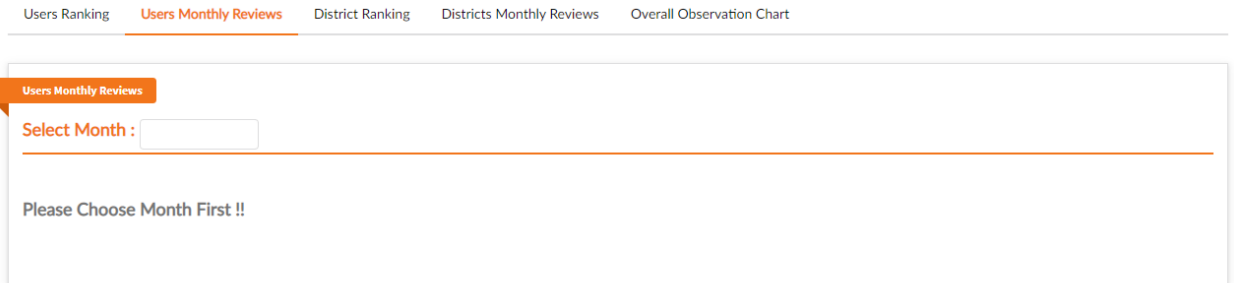


Fig 1.1

- **Districts Monthly Reviews :**

You can see monthly reviews of district from here. Choose the month in “Select Month” Section and it will load District monthly Reviews.

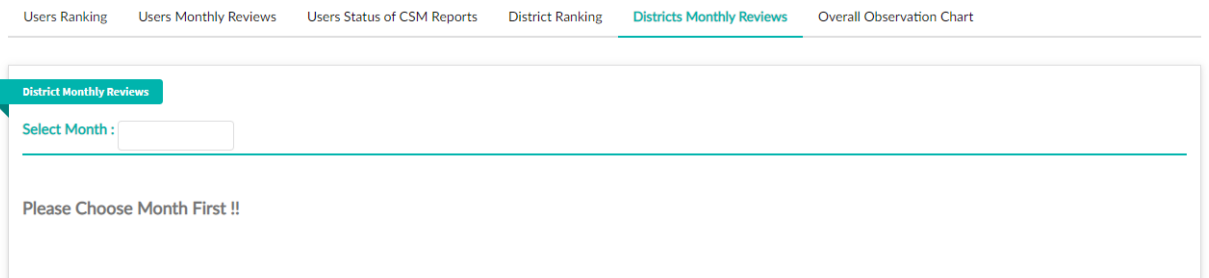


Fig 1.2

- **Overall Observation Chart :**

Here you can see the day to day Overall Observation Report uploaded by users in “Line Chart” and Bar Graph.

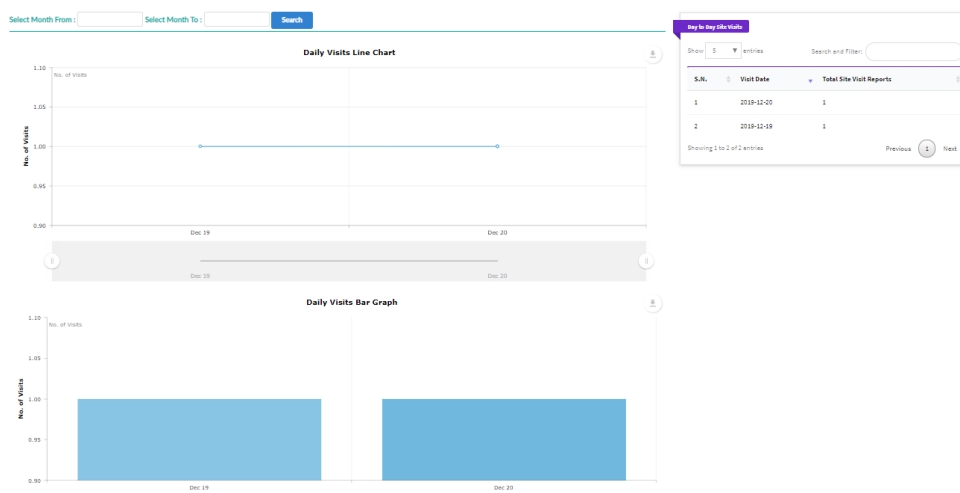


Fig 1.6

## 2. Login

Go to <http://p1csm.softwel.com.np/login> for logging in to the system.

**Provincial Infrastructure Information Management System  
(Province-1)**

**Username \***

  
**Password \***

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**Downloads**

**CSM App and Manual**

**Contract Management Software**

## 3. Site Visit Page

In this page you can see the list of all the roads which is uploaded from mobile app. To see the visit data of contract you need to click on the “view all visit” button for each road which will navigate you to another page shown in fig 3.2.

**Construction Site Visit**

Show  entries Search and Filter:

SN	Contract ID	District	Contract Name	Last Uploaded Date	Action
1	C-12-ptims	Okhaldhunga	Test Contract	2019-12-20	<input type="button" value="View All Visit"/>

Showing 1 to 1 of 1 entries Previous  Next

Fig 3.1

Home (Okhaldhunga)

Show 5 entries Search and Filter:

SN	Observer Name	Designation	Visit Date	Uploaded Date	Report Status	Action
1	Softwel User	Other	2019-12-20	2019-12-20	Not Finalized	<a href="#">Finalize</a> <a href="#">View Report</a> <a href="#">Edit Report</a> <a href="#">Delete Report</a> <a href="#">Send Email</a>
2	Softwel User	Other	2019-12-19	2019-12-19	Not Finalized	<a href="#">Finalize</a> <a href="#">View Report</a> <a href="#">Edit Report</a> <a href="#">Delete Report</a> <a href="#">Send Email</a>

Showing 1 to 2 of 2 entries Previous 1 Next

Fig 3.2

You can see visit data by observer name here.

- You can Finalize, Edit, Delete this data only if you have uploaded that data or if you are admin of the system.
- Only Finalized Report can be viewed by other user and also will be calculated in ranking system which was mentioned above.
- Once you “**Finalized**” your report you cannot revert back.
- You can send report to the other users by using “Send Email” section.

## 2.1. View Report

To view the visit report click on the “**View Report**” button. It will navigate you to report page.

Home

Home (Okhaldhunga)

Back

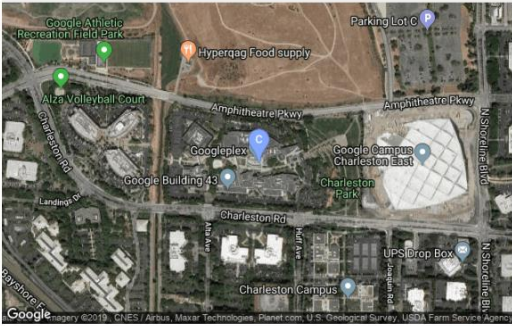
**Provincial Infrastructure Information Management Program**

Province 1  
Site Visit Report

Observer Name: Softwel User Date: 2019-12-20  
 Designation: Other  
 District: Okhaldhunga  
 Contract/Project ID: C-12-ptims  
 Contract Name: Test Contract

**Observation 1**

Location Map



Contract Scope

Scope Items

Location

Observation Notes

Observation Rating

Building

Environment

figfd

gfd

Good

DOC

PDF

Print

Fig 3.3

You can view the report observed and uploaded from mobile app here and download this report in **pdf, doc** format or print it. This report consist all the observed data of the road taken in same day by the same user. *The exporting of the report to doc/pdf or printing features are available only for the finalized report.*

### 3.2 Edit Report Data

To edit report Data Click on “**Edit Report**” Button shown in Fig 3.2. It will navigate you to “**Edit**” page.

**Edit Contract/Project Site Visit Report**  
Province 1

Initial Details	
Date	2019-12-19
Observer Name:	Softwel User
Designation:	Other
District:	Okhaldhunga
Contract/Project ID:	C-12-ptims
Contract Name:	Test Contract

**Observation 1** ✖

Contract Scope	Building
Scope Items	Environment
Location	Test Location
Observation Notes	ydg
Observation Rating	Excellent

**Save**

**Observation 2** ✖

Contract Scope	Building
Scope Items	Other
	Other Test

Fig 3.4

## 4. My Visit

This section is same as Site visit, only the difference is that the visit data loaded here is the data of the logged in users. If you want to **finalize, edit, delete** your report you can go to this section. It will load all your observed data.

## 5. Visit Tracking

This section is only available to admin. Admin can track the used data to day work here. Admin can see number of report users have uploaded and “**View Tracking**” button will navigate to the list of date wise observed data and report of the selected user as shown in figure 6.2.

Observers

Show 10

SN	Observer Name	District	Email	Designation	Status	No of Reports	Action
1	[Redacted]	E	[Redacted]@gmail.com	[Redacted]	Active	401	<a href="#">View Activity</a>
2	[Redacted]	[Redacted]	[Redacted]@gmail.com	D	Active	396	<a href="#">View Activity</a>
3	[Redacted]	[Redacted]	[Redacted]@gmail.com	[Redacted]	Active	381	<a href="#">View Activity</a>
4	[Redacted]	F	[Redacted]@gmail.com	[Redacted]	Active	323	<a href="#">View Activity</a>
5	[Redacted]	[Redacted]	[Redacted]@gmail.com	[Redacted]	Active	318	<a href="#">View Activity</a>
6	[Redacted]	[Redacted]	[Redacted]@yahoo.com	[Redacted]	Active	299	<a href="#">View Activity</a>
7	[Redacted]	F	[Redacted]@gmail.com	[Redacted]	Active	298	<a href="#">View Activity</a>
8	[Redacted]	K	[Redacted]@gmail.com	[Redacted]	Active	296	<a href="#">View Activity</a>
9	[Redacted]	[Redacted]	[Redacted]@gmail.com	[Redacted]	Active	286	<a href="#">View Activity</a>
10	[Redacted]	E	[Redacted]@gmail.com	D	Active	281	<a href="#">View Activity</a>

1 2 3 > Last >

Fig 5.1

Observer : Binod Kumar Singh ( binod37@gmail.com )

Show 5 entries

SN	Observer Name	Designation	District	Road Code	Visit Date	Uploaded Date	Report Status	Action
1	[Redacted]	[Redacted]	[Redacted]	DR006	2018-06-28	2018-06-28	✓ Final Report	<a href="#">View Report</a>
2	[Redacted]	[Redacted]	[Redacted]	DR008	2018-06-28	2018-06-28	✓ Final Report	<a href="#">View Report</a>
3	[Redacted]	[Redacted]	[Redacted]	DR015	2018-06-28	2018-06-28	✓ Final Report	<a href="#">View Report</a>
4	[Redacted]	[Redacted]	[Redacted]	DR034	2018-06-28	2018-06-28	✓ Final Report	<a href="#">View Report</a>
5	[Redacted]	[Redacted]	[Redacted]	A007A	2018-06-26	2018-06-26	✓ Final Report	<a href="#">View Report</a>

Showing 1 to 5 of 401 entries Previous 1 2 3 4 5 ... 81 Next

Fig 5.2

## 6. Register User

This section is only available to admin. Admin can Add, Edit, Delete the users in this section. To add new user admin can use the “New User Registration” section of left side. To edit “Edit” button can be used and for delete “Delete” button as shown in fig 7.1.

### User Registration

#### New User Registration

Name \*

User Type \*

Username \*

Password \*

Confirm Password \*

Division \*

Project/Office

District \*

Photo  
 No file chosen

Organization \*

Designation

Is Ranked User

#### User List : Kankai Irrigation Management Office, Jhapa

Show  entries Search and Filter:

Sn#	Name	Username	Division	Project/Office	District	Organization	Designation	Status	Action
1	TestUser	test@mail.com	Water resource and Irrigation Development Division	Kankai Irrigation Management Office, Jhapa	Jhapa	Softwel	Developer	Active	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
2	Raman Parajuli	Raman	Water resource and Irrigation Development Division	Kankai Irrigation Management Office, Jhapa	Jhapa	Kankai Irrigation Management Office	Engineer	Active	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
3	Mukesh Kumar Gami	mukesh.gami@nepal.gov.np	Water resource and Irrigation Development Division	Kankai Irrigation Management Office, Jhapa	Jhapa	Kankai Irrigation Management Office	Engineer	Active	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
4	Kankari Irrigation Management Office, Jhapa	kimo1_jhapa	Water resource and Irrigation Development Division	Kankai Irrigation Management Office, Jhapa	Jhapa	WRIDD P1	Project Chief	Active	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
5	Softwel	dev@mail.com	Water resource and Irrigation Development Division	Kankai Irrigation Management Office, Jhapa	Jhapa	softwel-aviyaan pvt ltd	Developer	Active	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

Showing 1 to 5 of 5 entries Previous  Next

Fig 6.1

## 7. Register Contract

This section is only available to admin. Admin can **Add, Edit, Deactivate** the Contract/Project in this section. To add new contract admin can use the “**New Contract Registration**” section of left side. To edit “**Edit**” button can be used and for deactivating “**Deactivate**” button as shown in fig 8.1.

**Contract/Project Registration**

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**New Contract Registration**

Project/Contract ID \*

  
**Name \***  
  
**Division/Scope \***  
  
**District \***  
  
**Description \***  
  
**Contract DYear \***  
  
**Assign Observation Items for Contract \***  
 Road Items  
 Bridge Items  
 Buildings Items  
 Irrigation Items  
 Sanitation Items  
 Transportation Items  

**Contract List**

Show 5 entries Search and Filter:

Sn#	Contract ID	Name	District	Division/Office	Description	Year	Added By	Added Date	Status	Observation Items	Action
1	02-ROAD- IDO-OKH- 2076/77	Upgrading of Sanitar- Thotne-khola- Lekhakhark-Chisapani Road.	Okhaldhunga	Transport Infrastructure Directorate	Upgrading of Road.	2076/077	Infrastructure Development Office, Okhaldhunga	2020- 01-15	Active	<input type="button" value="View/Edit"/>	<input type="button" value="Edit"/> <input type="button" value="Deactivate"/>

Showing 1 to 1 of 1 entries Previous 1 Next

Fig 7.1

On clicking the View/Edit button under the **Observation Items** user can view the observation lists for the particular project under different category and also make the necessary changes if required as shown in the figure 8.2.

**Observation Items**

Contract ID

**Assign Observation Items for Contract \***

All  
 Base Course  
 Bridge  
 Catch Drain  
 Earth Work  
 Environment  
 Gravel Work  
 Other  
 Pavement Repair Works  
 Periodic Maintainance  
 Retaining Wall  
 Road Side Drain  
 Routine Maintainance  
 Slab Culvert  
 Slope Protection Works  
 Social  
 Surface Dressing

Bridge Observation Items  
 Buildings Observation Items  
 Irrigation Observation Items  
 Sanitation Observation Items  
 Transportation Observation Items

Fig 7.2



## 8. Add/Edit Division/Office

This section is only available to admin. Admin can **Add, Edit, Deactivate** the division/projects under MOPID in this section. To add new scope admin can use the “**Add Scope**” section of left side. To edit “**View/Edit Items**” button can be used and for deactivating “**Deactivate**” button as shown in fig 9.1.

Division/Project Registration

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**Add Division/Project**

Division/Project Name \*

**Division/Project List**

Show 10 entries Search and Filter:

Sn.	Scope	Status	Action
1	Koshi Refreshment Center Project	Active	<input type="button" value="Edit"/> <input type="button" value="Deactivate"/>
2	MOPID	Active	<input type="button" value="Edit"/> <input type="button" value="Deactivate"/>
3	Provincial Special Road Construction Project	Active	<input type="button" value="Edit"/> <input type="button" value="Deactivate"/>
4	Road and Transport Division	Active	<input type="button" value="Edit"/> <input type="button" value="Deactivate"/>
5	Transport Infrastructure Directorate	Active	<input type="button" value="Edit"/> <input type="button" value="Deactivate"/>
6	Urban Development and Building Division	Active	<input type="button" value="Edit"/> <input type="button" value="Deactivate"/>
7	Water resource and Irrigation Development Division	Active	<input type="button" value="Edit"/> <input type="button" value="Deactivate"/>
8	Water Supply And Sanitation Division	Active	<input type="button" value="Edit"/> <input type="button" value="Deactivate"/>

Showing 1 to 8 of 8 entries Previous **1** Next

Fig 8.1

## 9. Map

In this section, user can view all the observation points observed through the CSM application.

Online Basemap  
Open Street Map  
Nepal Basemap  
Nepal Road Network  
Construction Site Visit  
Observation Visit Points

Nepal  
Scale: 1:1000000  
Zoom Level: 8

Fig 9.1

In the figure above, we can observe different toolbars and buttons in the map section. Each of these button/toolbars has its own functions.

On the left side of the window, there are the lists of layers that can be previewed in the map. These layers can be visible in the map by checking on the respective layers. The highlighted layer in the figure below locates the actual observation points in the map.

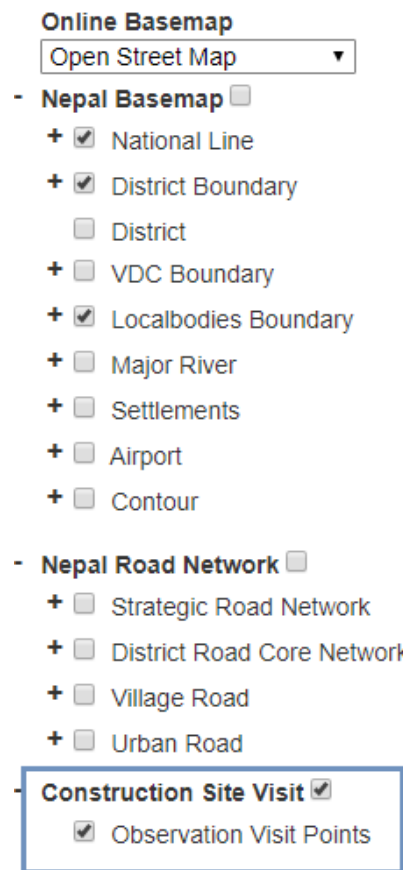




Fig 9.2

Similarly, on the right side of the window there is a set of toolbars (figure 10.3) that assists in navigating the map, which consist of pan-move around, different zoom tools, and identifying

monitoring features. Moreover, on clicking the  icon, and  point on the map, user can get the details of the particular observation point as shown in figure 10.4.

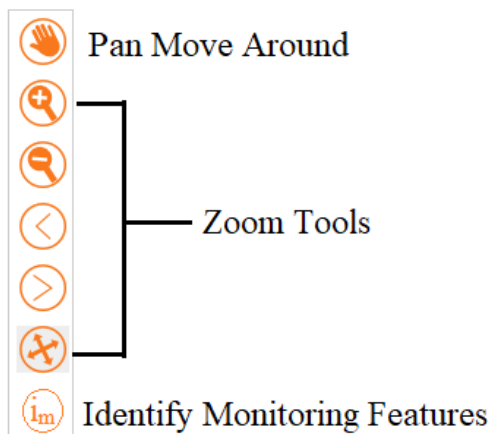
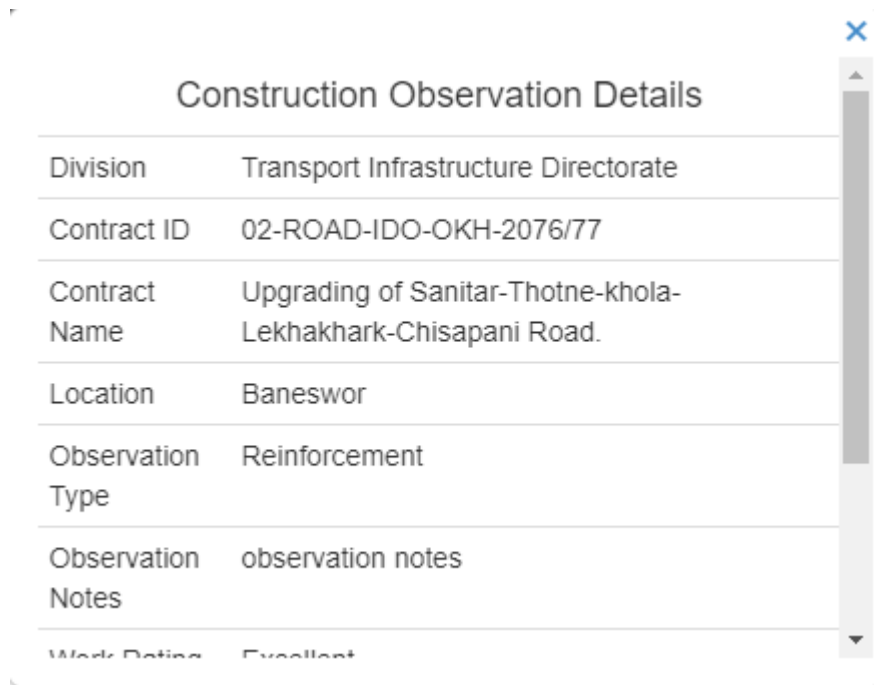


Fig 9.3



The image shows a screenshot of a web application window titled "Construction Observation Details". The window has a close button (X) in the top right corner. The table contains the following data:

Construction Observation Details	
Division	Transport Infrastructure Directorate
Contract ID	02-ROAD-IDO-OKH-2076/77
Contract Name	Upgrading of Sanitar-Thotne-khola-Lekhakhark-Chisapani Road.
Location	Baneswor
Observation Type	Reinforcement
Observation Notes	observation notes
Work Rating	Excellent

Fig 9.4