

ID :2234 15m Span RCC bridge (Mandalsera Section) \_ \_ \_ \_ \_

on Chainage 2.000 of Ring Road (Bhagirathi-Mandalsera-Aarey, Dyagan and Bilona divisions).

In District Bageshwar Under PD Bageshwar Division

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## Bridge Inventory Report

Division: PD Bageshwar

Data not-yet finalized

### General

Name of Division : 5

Revenue Block Name : 74

Chainage (at Mid Point) : 2.000

Road/ Segment Name : 625

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Local Gadhera

Name of Bridge : 15m Span RCC bridge (Mandalsera Section)

Nearest Town : Bageshwar

Latitude (Northing) : 29.84465500

Longitude (Easting) : 79.78791700

Construction Year : 2014

Inventory Year : 2022

### Geometric

Overall length (in meter) : 15.00

Total No of Span : 1

Maximum Span (in meter) : 15.00

Span Arrangement : 1x15m

No of Lane : 1.000

Overall Width (m) : 6.000

Carriageway Width (m) : 5.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.000

Gradient (%age) : 1

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 103.000

OFL Ordinary Flood Level : 101.500

LWL Low Water Level : 101.000

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre :

Road Level at Centre :

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 0.0

Design Loading : NA

Load Rating : NA

Super-Structure

Superstructure Type : Solid slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Other

Railing/Crash Barrier type : other

Bearing type : Not Provided

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Raft

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : Stone Masonry

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : no protection work provided

Bank Protection Right Side of Up-stream : no protection work provided

Bank Protection Left Side of Down-stream : no protection work provided

Bank Protection Right Side of Down-stream : no protection work provided

Floor Protection on Up-stream : no protection work provided

Floor Protection on Down-stream : no protection work provided

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AAE : Meenakshi Pant

