

ID :1834 84m Span motor bridge Bilona _ _ _ _ _

on Chainage 6.625 of Ring Road (Bhagirathi-Mandalsera-Aarey, Dyagan and Bilona divisions).

In District Bageshwar Under PD Bageshwar Division

Bridge Inventory Report

Division: PD Bageshwar

Data not-yet finalized

General

Name of Division : 5

Revenue Block Name : 74

Chainage (at Mid Point) : 6.625

Road/ Segment Name : 625

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Saryu River

Name of Bridge : 84m Span motor bridge Bilona

Nearest Town : Bageshwar

Latitude (Northing) : 29.82217700

Longitude (Easting) : 79.77325200

Construction Year : 2017

Inventory Year : 2022

Geometric

Overall length (in meter) : 84.00

Total No of Span : 1

Maximum Span (in meter) : 84.00

Span Arrangement : 1x84m

No of Lane : 1.000

Overall Width (m) : 6.100

Carriageway Width (m) : 5.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.500

Gradient (%age) : 1

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 852.000

OFL Ordinary Flood Level : 851.000

LWL Low Water Level : 850.000

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 : Class A

Load Rating : Class A

Super-Structure

Superstructure Type : Truss

Superstructure Material : Steel

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Other

Railing/Crash Barrier type : Steel rolled section

Bearing type : POT PIN

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

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 : Minakshi Pant

