

ID :178 Rathuguthad bridge \_ \_ \_ \_ \_

on Chainage 64.025 of Chakrata Lakhamandal Barnigad state highway

In District Dehradun Under TD Chakrata Division

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## Bridge Inventory Report

Division: TD Chakrata

Data not-yet finalized

### General

Name of Division : 52

Revenue Block Name : 28

Chainage (at Mid Point) : 64.025

Road/ Segment Name : 30

Bridge Type : Motor Bridge High Level

Structure No : 64/1

Feature Intersected : Rathukhad

Name of Bridge : Rathuguthad bridge

Nearest Town : lakhamandal

Latitude (Northing) : 30.72940200

Longitude (Easting) : 78.07394600

Construction Year : 1984

Inventory Year : 2022

### Geometric

Overall length (in meter) : 16.00

Total No of Span : 1

Maximum Span (in meter) : 16.00

Span Arrangement : 1x16

No of Lane : 1.000

Overall Width (m) : 5.000

Carriageway Width (m) : 4.600

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.000

Gradient (%age) : 2

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level :

OFL Ordinary Flood Level :

LWL Low Water Level :

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 : 1.0

Design Loading : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Other

Railing/Crash Barrier type : Cast-in-situ concrete

Bearing type : Elastomeric

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 : wire create is Provided in protection work

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

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