

ID :1401 10m span R.C.C Bridge bhairon Gadera \_ \_ \_ \_ \_

on Chainage 1.025 of Silla Bamangaon Motor Road

In District Rudraprayag Under CD Ukhimath Division

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## Bridge Inventory Report

Division: CD Ukhimath

Data not-yet finalized

### General

Name of Division : 40

Revenue Block Name : 17

Chainage (at Mid Point) : 1.025

Road/ Segment Name : 1831

Bridge Type : Pedestrian Bridge

Structure No : 1

Feature Intersected : local stream

Name of Bridge : 10m span R.C.C Bridge bhairon Gadera

Nearest Town : Agustmuni

Latitude (Northing) : 30.40298300

Longitude (Easting) : 79.01841000

Construction Year : 2015

Inventory Year : 2016

### Geometric

Overall length (in meter) : 10.00

Total No of Span : 1

Maximum Span (in meter) : 10.00

Span Arrangement : 1x10

No of Lane : 1.000

Overall Width (m) : 1.800

Carriageway Width (m) : 1.800

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 2.000

Gradient (%age) : 1

Skew Angle (degree) : 10.00

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 : Footpath Live Load

Load Rating : Footpath Live Load

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Not Provided

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

Bearing type : POT PIN

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Well

No of Piers : 0

Abutment Type : Stone Masonry

Pier Type : RCC Solid

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 : Parmanand Devradi

