

ID :3355 Ukhimath Mansuna km 4 \_ \_ \_ \_ \_

on Chainage 3.350 of Ukhimath Mansoona Jugasu Raulek Uniyana 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 : 16

Chainage (at Mid Point) : 3.350

Road/ Segment Name : 159

Bridge Type : Motor Bridge High Level

Structure No : 4/2

Feature Intersected : Local Ghedera

Name of Bridge : Ukhimath Mansuna km 4

Nearest Town : ukhimath

Latitude (Northing) : 30.53055500

Longitude (Easting) : 79.10361110

Construction Year : 2012

Inventory Year : 2023

### Geometric

Overall length (in meter) : 11.00

Total No of Span : 1

Maximum Span (in meter) : 10.00

Span Arrangement : 1x6.10

No of Lane : 1.000

Overall Width (m) : 7.100

Carriageway Width (m) : 3.750

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 5.500

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 1554.000

OFL Ordinary Flood Level : 1553.000

LWL Low Water Level : 1551.000

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre : 1557.000

Road Level at Centre : 1557.000

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 1.0

Design Loading : NA

Load Rating : NA

Super-Structure

Superstructure Type : Solid slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Not Provided

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

Bearing type : Not Provided

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 : Er Pawan kumar

