

ID :3319 10 m span RCC bridge At Tonidali Kakragad MR \_\_\_\_\_

on Chainage 0.225 of Tonidali Kakdagad Motor Marg

In District Rudraprayag Under CD Ukhimath Division

---

## Bridge Inventory Report

Division: CD Ukhimath

Data not-yet finalized

### General

Name of Division : 40

Revenue Block Name : 16

Chainage (at Mid Point) : 0.225

Road/ Segment Name : 6841

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : local

Name of Bridge : 10 m span RCC bridge At Tonidali Kakragad MR

Nearest Town : Ukhimath

Latitude (Northing) : 30.51004700

Longitude (Easting) : 79.09330200

Construction Year : 2023

Inventory Year : 2023

### 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) : 6.000

Carriageway Width (m) : 5.300

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.000

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 108.000

OFL Ordinary Flood Level : 105.000

LWL Low Water Level : 103.000

Design Velocity (m/Sec) : 11.00

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 : Solid slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

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 : 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 : Mukesh Prasad Painuly

