

ID :1500 Kalagadi bridge \_ \_ \_ \_ \_

on Chainage 238.750 of starting from its junction with NH -74 near kashipur connecting Ramnager Dhumakot Thalissain Tripalissain Pabo and Terminating at NH 119 near Bubakhal National Highway

In District Pauri Under NH Dhumakot Division

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## Bridge Inventory Report

Division: NH Dhumakot

Data not-yet finalized

### General

Name of Division : 63

Revenue Block Name : 38

Chainage (at Mid Point) : 238.750

Road/ Segment Name : 11

Bridge Type : Motor Bridge High Level

Structure No : 239/1

Feature Intersected : Local River

Name of Bridge : Kalagadi bridge

Nearest Town : Chiplghat

Latitude (Northing) : 30.11187100

Longitude (Easting) : 78.90624700

Construction Year : 1970

Inventory Year : 2021

### Geometric

Overall length (in meter) : 20.00

Total No of Span : 1

Maximum Span (in meter) : 20.00

Span Arrangement : 1x20.00

No of Lane : 1.000

Overall Width (m) : 4.500

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 4.500

Gradient (%age) : 0

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 A

Load Rating : Class A

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

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 : Sandeep Bisht

