

ID :2823 18 mtr Span Karkat Nala Bridge \_ \_ \_ \_ \_

on Chainage 15.300 of Ramnagar Kaladhungi Haldwani Kathgodam Chorgaliya Sitarganj Bizti state highway : .

In District Nanital Under CD Ramnagar Division

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## Bridge Inventory Report

Division: CD Ramnagar

Data not-yet finalized

### General

Name of Division : 11

Revenue Block Name : 77

Chainage (at Mid Point) : 15.300

Road/ Segment Name : 83

Bridge Type : Motor Bridge High Level

Structure No : 15/1

Feature Intersected : Karkat Nala

Name of Bridge : 18 mtr Span Karkat Nala Bridge

Nearest Town : Kaladhungi

Latitude (Northing) : 29.30800000

Longitude (Easting) : 79.21000000

Construction Year : 2022

Inventory Year : 2022

### Geometric

Overall length (in meter) : 18.00

Total No of Span : 1

Maximum Span (in meter) : 18.00

Span Arrangement : 1x18

No of Lane : 2.000

Overall Width (m) : 8.500

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 0.500

LS Footpath Width (m) : 0.500

Approach Width i/c Shoulders (m) : 8.500

Gradient (%age) : 3

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 : Cast-in-situ concrete

Bearing type : POT PIN

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : RCC counterfort type

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/AEE : Nazim Husain AAE

