

ID :778 Rakasiya Nala setu _ _ _ _ _

on Chainage 1.000 of road unknown

In District Nanital Under CD Haldwani Division

Bridge Inventory Report

Division: CD Haldwani

Data not-yet finalized

General

Name of Division : 22

Revenue Block Name : 82

Chainage (at Mid Point) : 1.000

Road/ Segment Name :

Bridge Type : Motor Bridge High Level

Structure No : 7x4

Feature Intersected : Rakasiya Nala

Name of Bridge : Rakasiya Nala setu

Nearest Town : Bithauriya No.1

Latitude (Northing) : 29.23861111

Longitude (Easting) : 79.52250000

Construction Year : 2008

Inventory Year : 2021

Geometric

Overall length (in meter) : 28.00

Total No of Span : 4

Maximum Span (in meter) : 7.00

Span Arrangement : 4x7

No of Lane : 1.500

Overall Width (m) : 7.400

Carriageway Width (m) : 6.750

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 7.400

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 : Mild

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 : Not Provided

Railing/Crash Barrier type : Tubular steel

Bearing type : Not Provided

Sub-Structure

Founding Strata : Sandy

Abutment Foundation Type : Open

Pier Foundation Type : Open

No of Piers : 3

Abutment Type : Brick Masonry

Pier Type : Brick Masonry

Protection Work

Bank Protection Left Side of Up-stream : R.R. 1:6 Stone masonry

Bank Protection Right Side of Up-stream : R.R. 1:6 Stone masonry

Bank Protection Left Side of Down-stream : R.R. 1:6 Stone masonry

Bank Protection Right Side of Down-stream : R.R. 1:6 Stone masonry

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. Suresh Singh Martoliya

