

ID :341 SIROLI BRIDGE \_ \_ \_ \_ \_

on Chainage 120.700 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 Haridwar 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 : 93

Chainage (at Mid Point) : 120.700

Road/ Segment Name : 11

Bridge Type : Motor Bridge High Level

Structure No : 121/1

Feature Intersected : LOCAL GADHERA

Name of Bridge : SIROLI BRIDGE

Nearest Town : MAITHANAGHAT

Latitude (Northing) : 29.82162500

Longitude (Easting) : 78.06083333

Construction Year : 2023

Inventory Year : 2020

### Geometric

Overall length (in meter) : 24.00

Total No of Span : 1

Maximum Span (in meter) : 24.00

Span Arrangement : 1X24

No of Lane : 1.000

Overall Width (m) : 12.000

Carriageway Width (m) : 9.000

RS Footpath Width (m) : 1.500

LS Footpath Width (m) : 1.500

Approach Width i/c Shoulders (m) : 5.800

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 1300.000

OFL Ordinary Flood Level : 1296.700

LWL Low Water Level : 1296.000

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre : 1308.000

Road Level at Centre : 1310.000

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Mild

Seismic Importance factor : 1.0

Design Loading : Class 70R

Load Rating : Class 70R

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Pre-stressed 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 : Raft

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : RCC spill through type

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : plum masonry work

Bank Protection Right Side of Up-stream : plum masonry work

Bank Protection Left Side of Down-stream : plum masonry work

Bank Protection Right Side of Down-stream : plum masonry work

Floor Protection on Up-stream : rocky surface

Floor Protection on Down-stream : rocky surface

Treatment for Corrosion Protection (if any) : not applicable

final

Name of JE/AAE : ER. HARISH CHANDRA SINGH RAWAT

