ID :341 SIROLI BRIDGE __ __ __ __ __

on Chainage 120.700 of starting from its junction with NH -74 near kashipur connecting Ramnager Dhumakot Thalisain Tripalisain Pabo and Terminating at NH 119 near Bubakhal National Highway

In District Haridwar Under NH Div Dhumakot Division

Bridge Inventory Report

Division: NH Div 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
Work Code(s) : --
Geometric
Overall length (in meter) : 24.00
Total No of Span : 1
Maximuam Span (in meter) : 24.00
Span Arragment : 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
Approch 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
Expension 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
Tratment for Corrosion Protection (if any) : not applicable
final
Name of JE/AAE : ER. HARISH CHANDRA SINGH RAWAT

