

ID :368 Chamasari Bridge _ _ _ _ _

on Chainage 0.262 of Sahastradhara Chamasari Road

In District Dehradun Under PD Dehradun Division

Bridge Inventory Report

Division: PD Dehradun

Data not-yet finalized

General

Name of Division : 51

Revenue Block Name : 32

Chainage (at Mid Point) : 0.262

Road/ Segment Name : 1336

Bridge Type : Motor Bridge High Level

Structure No : 1/04

Feature Intersected : Baldi River

Name of Bridge : Chamasari Bridge

Nearest Town : Sahastradhara

Latitude (Northing) : 30.38691300

Longitude (Easting) : 78.13134780

Construction Year : 2009

Inventory Year : 2021

Geometric

Overall length (in meter) : 24.00

Total No of Span : 1

Maximum Span (in meter) : 24.00

Span Arrangement : 1x24=24.00

No of Lane : 1.000

Overall Width (m) : 4.900

Carriageway Width (m) : 4.200

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 5.500

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 B

Load Rating : Class B

Super-Structure

Superstructure Type : Truss

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 : Elastomeric

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : Stone Masonry

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : plum concrete and RR Stone masonry in 6.00meter length

Bank Protection Right Side of Up-stream : plum concrete and RR Stone masonry in 6.00meter length

Bank Protection Left Side of Down-stream : plum concrete and RR Stone masonry in 8.00meter length

Bank Protection Right Side of Down-stream : plum concrete and RR Stone masonry in 8.00meter length

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 : SUDARSHAN SINGH

