

ID :2766 Seema Dental Bridge _ _ _ _ _

on Chainage 3.200 of Antibiotic factory (Pashulok) road

In District Dehradun Under TD Rishikesh Division

Bridge Inventory Report

Division: TD Rishikesh

Data not-yet finalized

General

Name of Division : 53

Revenue Block Name : 33

Chainage (at Mid Point) : 3.200

Road/ Segment Name : 348

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Rambha River

Name of Bridge : Seema Dental Bridge

Nearest Town : Seema Dental College

Latitude (Northing) : 30.07275700

Longitude (Easting) : 78.27949900

Construction Year : 1999

Inventory Year : 2022

Geometric

Overall length (in meter) : 15.00

Total No of Span : 1

Maximum Span (in meter) : 15.00

Span Arrangement : 1x15

No of Lane : 2.000

Overall Width (m) : 7.600

Carriageway Width (m) : 7.000

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 24.000

Gradient (%age) : 5

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 319.700

OFL Ordinary Flood Level : 317.850

LWL Low Water Level : 316.450

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre : 322.050

Road Level at Centre : 322.850

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 0.0

Design Loading : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Cast-in-situ concrete

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Bouldery

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 : R.R. Stone Masonry

Bank Protection Right Side of Up-stream : R.R. Stone Masonry

Bank Protection Left Side of Down-stream : R.R. Stone Masonry

Bank Protection Right Side of Down-stream : R.R. 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 :

